

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF082018.D
 Acq On : 3 Oct 2015 11:59
 Operator : UM/IZ
 Sample : G3905-03MSD
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MSD

Quant Time: Oct 05 00:26:54 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	88445	20.00	ng	-0.05
21) Naphthalene-d8	8.17	136	349856	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	175674	20.00	ng	-0.05
63) Phenanthrene-d10	11.43	188	356840	20.00	ng	-0.03
75) Chrysene-d12	14.08	240	316372	20.00	ng	-0.03
86) Perylene-d12	15.53	264	246062	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	701997	144.08	ng	-0.03
7) Phenol-d6	6.53	99	985314	160.72	ng	-0.03
23) Nitrobenzene-d5	7.46	82	628957	119.84	ng	-0.03
41) 2,4,6-Tribromophenol	10.73	330	266869	150.00	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1144445	117.62	ng	-0.05
78) Terphenyl-d14	13.02	244	1158354	146.10	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	93089	43.93	ng	86
3) Pyridine	3.26	79	128819	23.35	ng	# 84
4) n-Nitrosodimethylamine	3.21	42	111524	44.51	ng	94
6) Aniline	6.55	93	280693	34.08	ng	# 85
8) 2-Chlorophenol	6.67	128	305597	56.80	ng	98
9) Benzaldehyde	6.43	77	59416	14.80	ng	# 85
10) Phenol	6.54	94	397577	57.81	ng	78
11) bis(2-Chloroethyl)ether	6.63	93	314055	58.89	ng	95
12) 1,3-Dichlorobenzene	7.06	146	294399	46.32	ng	99
13) 1,4-Dichlorobenzene	7.06	146	302265	45.55	ng	97
14) 1,2-Dichlorobenzene	7.06	146	308026	52.09	ng	99
15) Benzyl Alcohol	7.03	79	226738	51.23	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	7.17	45	396488	52.59	ng	82
17) 2-Methylphenol	7.14	107	245380	56.25	ng	# 85
18) Hexachloroethane	7.39	117	110804	53.33	ng	91
19) n-Nitroso-di-n-propylamine	7.30	70	192714	51.72	ng	# 78
20) 3+4-Methylphenols	7.30	107	301615	54.74	ng	# 58
22) Acetophenone	7.30	105	390539	54.60	ng	# 79
24) Nitrobenzene	7.47	77	285665	50.13	ng	# 67
25) Isophorone	7.71	82	570556	54.85	ng	# 90
26) 2-Nitrophenol	7.79	139	169131	61.83	ng	# 77
27) 2,4-Dimethylphenol	7.83	122	273643	56.86	ng	# 82
28) bis(2-Chloroethoxy)methane	7.93	93	362520	58.68	ng	# 95
29) 2,4-Dichlorophenol	8.03	162	286930	61.49	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	281064	53.95	ng	97
31) Naphthalene	8.19	128	845451	54.54	ng	97
32) Benzoic acid	7.91	122	35504	17.79	ng	# 75
33) 4-Chloroaniline	8.25	127	207456	30.95	ng	# 94
34) Hexachlorobutadiene	8.31	225	164350	53.34	ng	97
36) 4-Chloro-3-methylphenol	8.73	107	281564	61.71	ng	85
37) 2-Methylnaphthalene	8.89	142	618842	58.48	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	271661	50.37	ng	99
40) Hexachlorocyclopentadiene	9.04	237	324746	116.93	ng	96
42) 2,4,6-Trichlorophenol	9.17	196	187581	50.73	ng	100

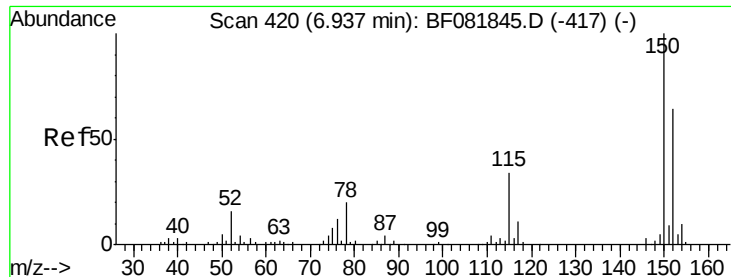
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.21	196	217732	57.26	ng	# 95
45) 1,1'-Biphenyl	9.36	154	786589	58.04	ng	94
46) 2-Chloronaphthalene	9.38	162	603269	56.69	ng	95
47) 2-Nitroaniline	9.49	65	181314	58.04	ng	87
48) Acenaphthylene	9.79	152	883409	51.87	ng	96
49) Dimethylphthalate	9.67	163	957106	78.93	ng	# 98
50) 2,6-Dinitrotoluene	9.73	165	143991	54.69	ng	# 61
51) Acenaphthene	9.97	154	588415	58.18	ng	89
52) 3-Nitroaniline	9.90	138	127575	41.88	ng	# 69
53) 2,4-Dinitrophenol	10.00	184	106232	81.65	ng	# 49
54) Dibenzofuran	10.15	168	827418	57.89	ng	93
55) 4-Nitrophenol	10.07	139	235153	106.85	ng	# 81
56) 2,4-Dinitrotoluene	10.14	165	207136	61.72	ng	# 98
57) Fluorene	10.49	166	667515	66.31	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.26	232	192269	63.75	ng	93
59) Diethylphthalate	10.37	149	634304	56.00	ng	99
60) 4-Chlorophenyl-phenylether	10.48	204	302595	57.82	ng	90
61) 4-Nitroaniline	10.53	138	167278	54.78	ng	# 58
62) Azobenzene	10.64	77	658186	59.54	ng	91
64) 4,6-Dinitro-2-methylphenol	10.54	198	88517	53.28	ng	94
65) n-Nitrosodiphenylamine	10.61	169	565742	52.40	ng	91
66) 4-Bromophenyl-phenylether	10.97	248	201436	55.99	ng	99
67) Hexachlorobenzene	11.03	284	192572	47.42	ng	# 82
68) Atrazine	11.13	200	171969	51.34	ng	83
69) Pentachlorophenol	11.23	266	234281	101.26	ng	97
70) Phenanthrene	11.45	178	908238	53.19	ng	95
71) Anthracene	11.51	178	1026178	56.58	ng	97
72) Carbazole	11.66	167	887860	54.09	ng	# 94
73) Di-n-butylphthalate	11.99	149	955991	57.55	ng	# 98
74) Fluoranthene	12.64	202	955421	49.98	ng	91
76) Benzidine	12.79	184	33038	3.47	ng	97
77) Pyrene	12.87	202	978860	51.79	ng	95
79) Butylbenzylphthalate	13.50	149	468893	65.93	ng	98
80) Benzo(a)anthracene	14.07	228	854213	50.14	ng	96
81) 3,3'-Dichlorobenzidine	14.04	252	268588	46.68	ng	# 94
82) Chrysene	14.10	228	894173	Below	Cal	93
83) Bis(2-ethylhexyl)phthalate	14.06	149	596955	66.91	ng	# 94
84) Di-n-octyl phthalate	14.68	149	1028554	70.85	ng	# 92
85) Indeno(1,2,3-cd)pyrene	16.98	276	729161	54.71	ng	# 87
87) Benzo(b)fluoranthene	15.14	252	1580925	112.53	ng	# 85
88) Benzo(k)fluoranthene	15.14	252	1582713	122.92	ng	# 86
89) Benzo(a)pyrene	15.48	252	719512	59.04	ng	# 86
90) Dibenzo(a,h)anthracene	17.02	278	611387	59.80	ng	# 79
91) Benzo(g,h,i)perylene	17.44	276	601683	57.43	ng	# 73

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF082018.D

Acq: 3 Oct 2015 11:59

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MSD

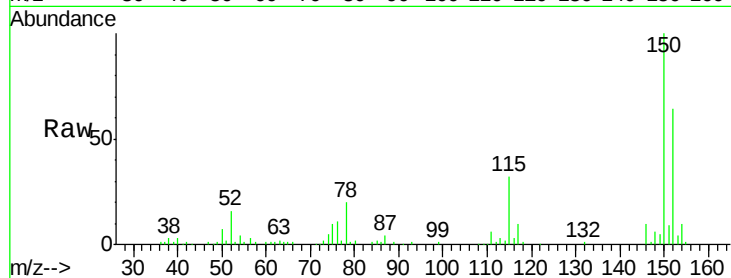
Tgt Ion:152 Resp: 88445

Ion Ratio Lower Upper

152 100

150 157.3 124.7 187.1

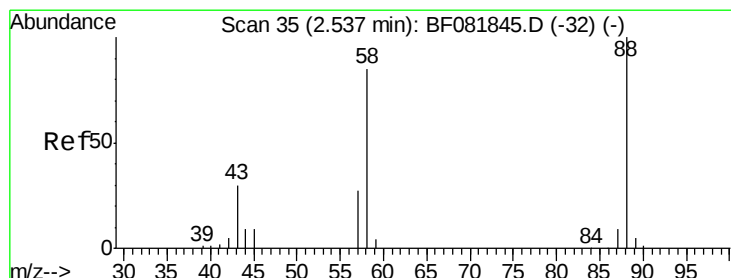
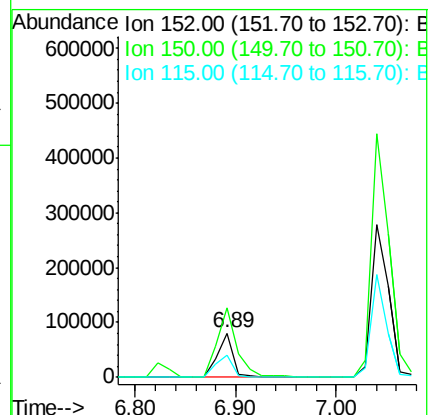
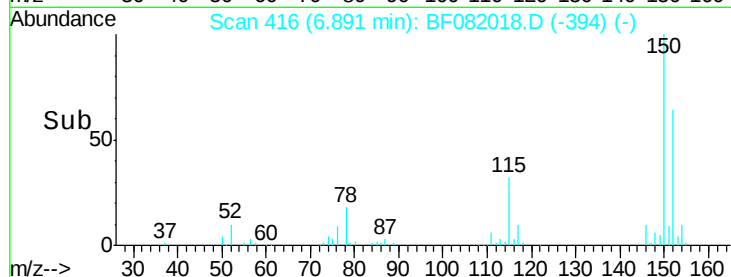
115 50.5 39.0 58.4



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: 43.93 ng

RT: 2.53 min Scan# 34

Delta R.T. -0.01 min

Lab File: BF082018.D

Acq: 3 Oct 2015 11:59

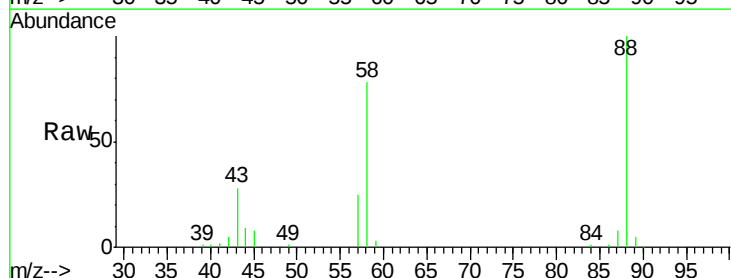
Tgt Ion: 88 Resp: 93089

Ion Ratio Lower Upper

88 100

58 82.2 77.7 116.5

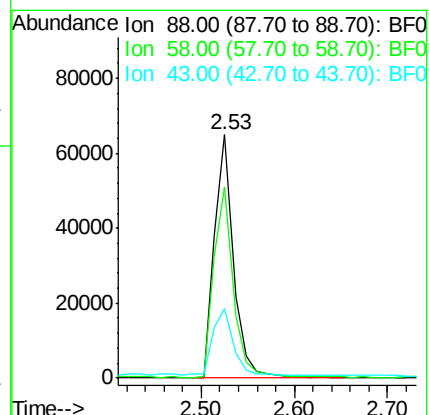
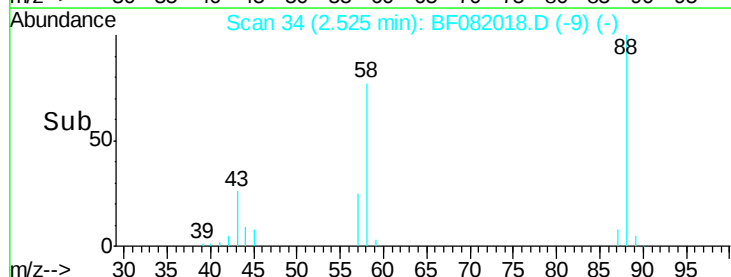
43 28.3 26.6 40.0

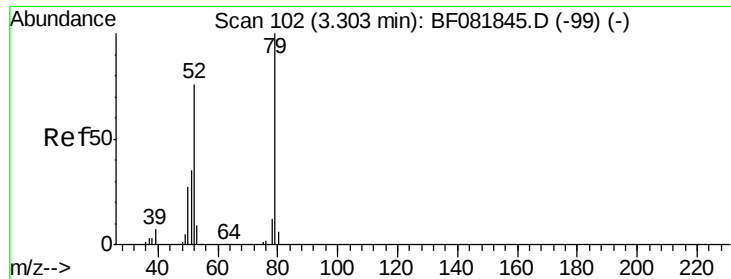


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 23.35 ng

RT: 3.26 min Scan# 98

Delta R.T. -0.05 min

Lab File: BF082018.D

Acq: 3 Oct 2015 11:59

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MSD

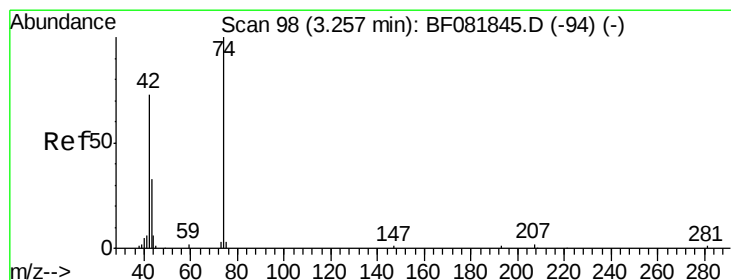
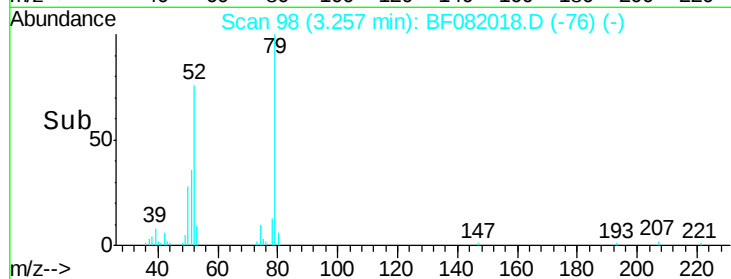
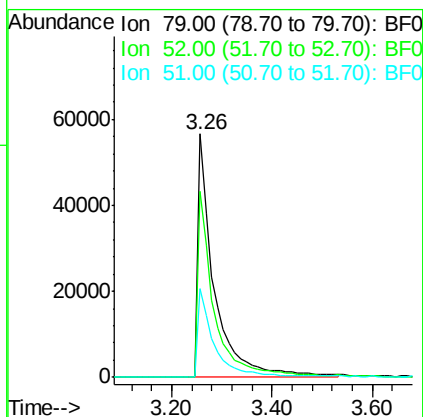
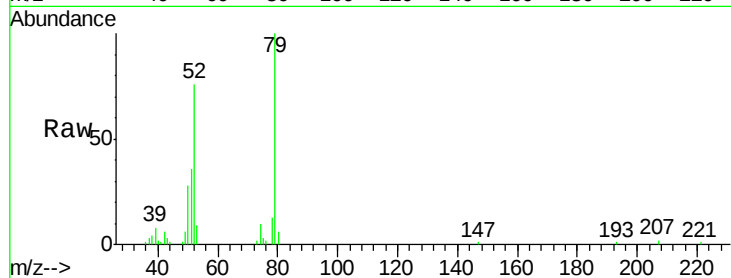
Tgt Ion: 79 Resp: 128819

Ion Ratio Lower Upper

79 100

52 76.4 76.8 115.2#

51 36.4 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 44.51 ng

RT: 3.21 min Scan# 94

Delta R.T. -0.05 min

Lab File: BF082018.D

Acq: 3 Oct 2015 11:59

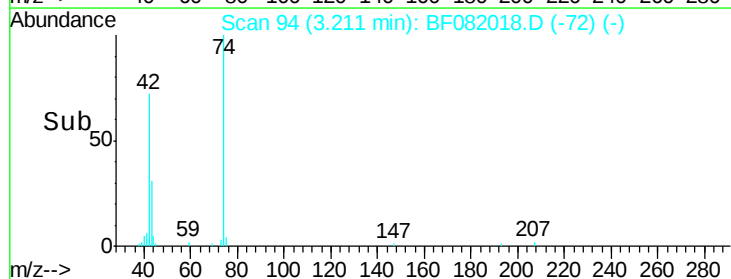
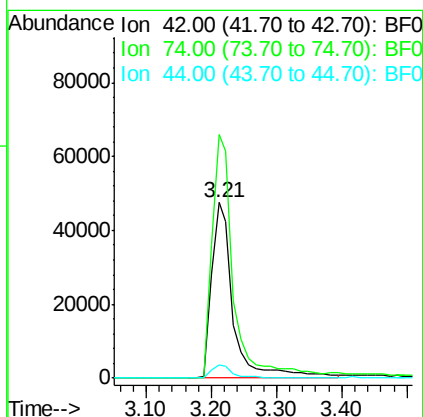
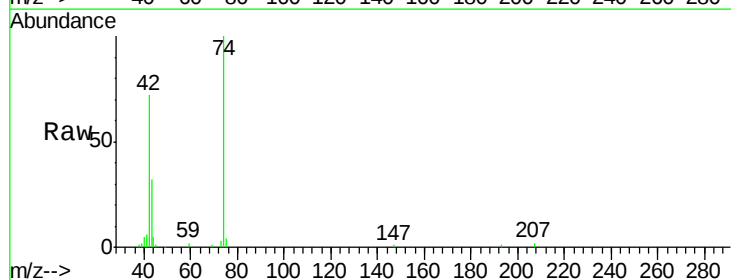
Tgt Ion: 42 Resp: 111524

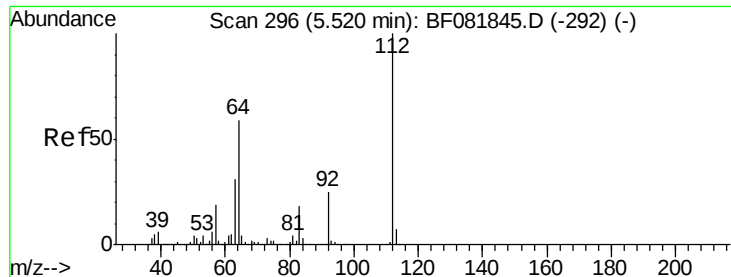
Ion Ratio Lower Upper

42 100

74 138.8 105.0 157.6

44 7.5 6.6 10.0





#5

2-Fluorophenol

Concen: 144.08 ng

RT: 5.49 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF082018.D

Acq: 3 Oct 2015 11:59

Instrument :

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ClientSampleId :

P001-BF001-01MSD

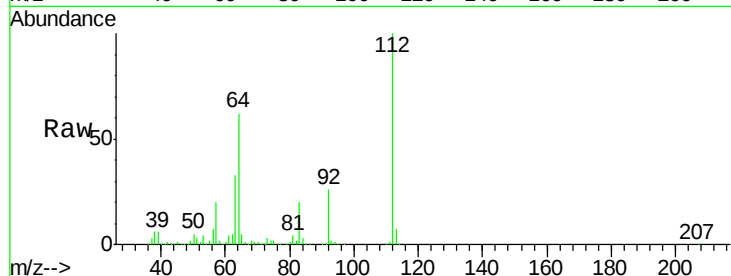
Tgt Ion: 112 Resp: 701997

Ion Ratio Lower Upper

112 100

64 62.5 39.7 59.5#

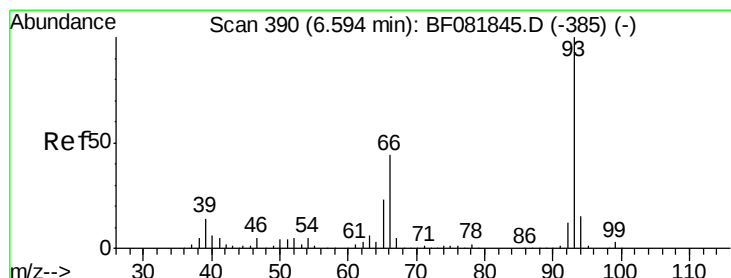
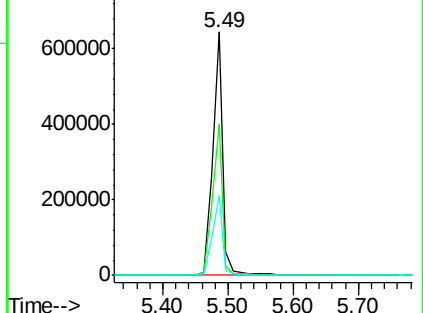
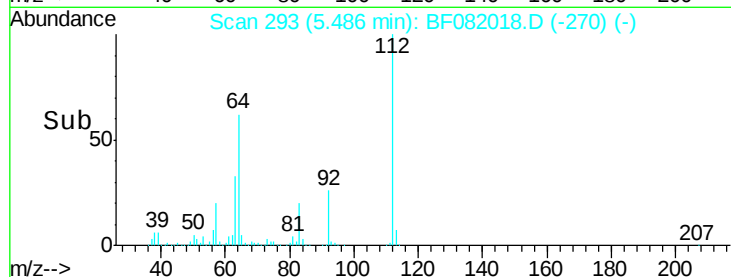
63 32.5 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 34.08 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.05 min

Lab File: BF082018.D

Acq: 3 Oct 2015 11:59

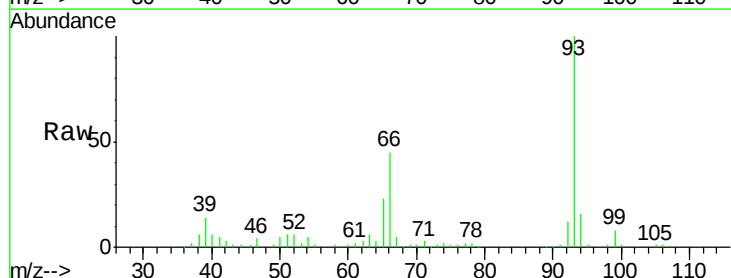
Tgt Ion: 93 Resp: 280693

Ion Ratio Lower Upper

93 100

66 44.6 27.2 40.8#

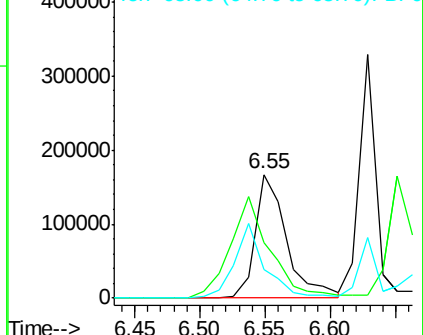
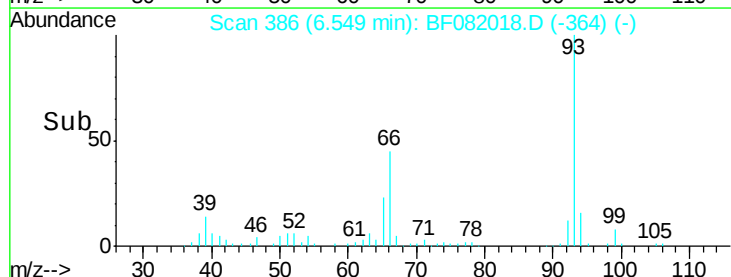
65 22.7 14.7 22.1#

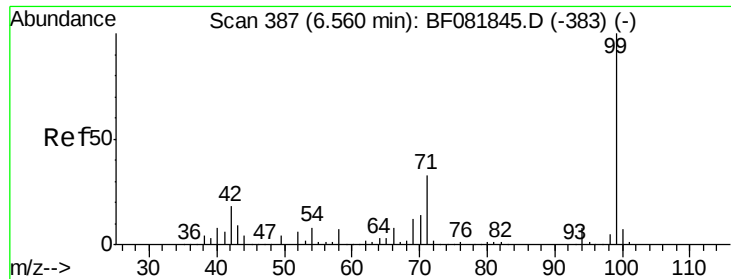


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 160.72 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF082018.D

Acq: 3 Oct 2015 11:59

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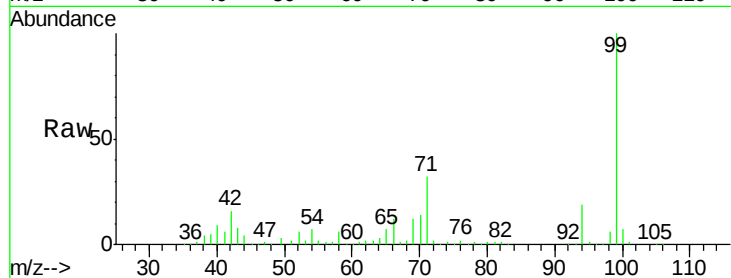
Tgt Ion: 99 Resp: 985314

Ion Ratio Lower Upper

99 100

42 16.2 13.7 20.5

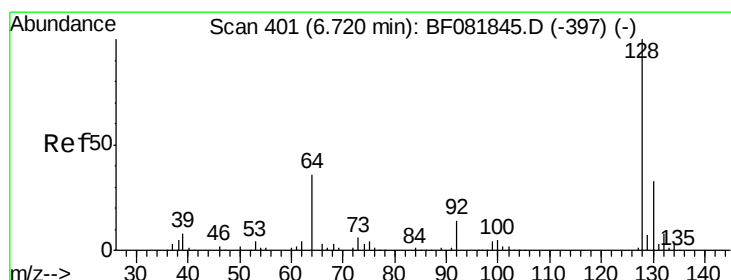
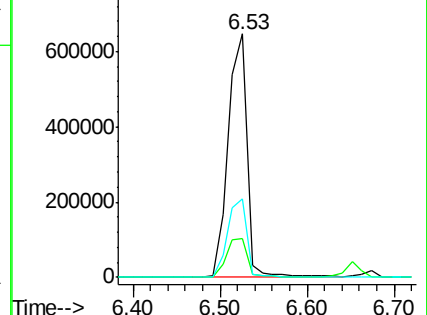
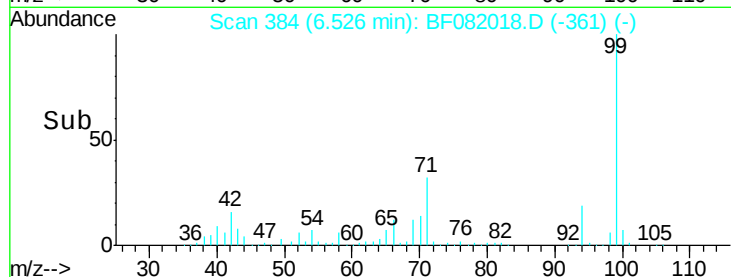
71 32.3 14.2 21.2#



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: 56.80 ng

RT: 6.67 min Scan# 397

Delta R.T. -0.05 min

Lab File: BF082018.D

Acq: 3 Oct 2015 11:59

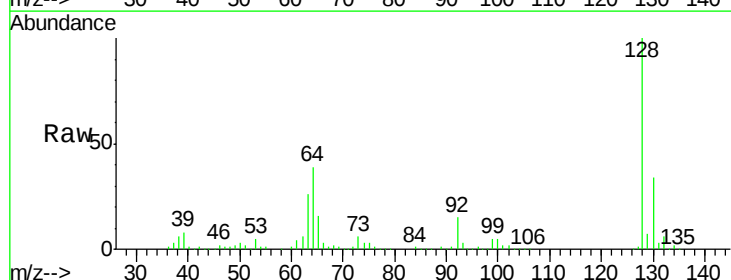
Tgt Ion: 128 Resp: 305597

Ion Ratio Lower Upper

128 100

130 33.5 12.2 52.2

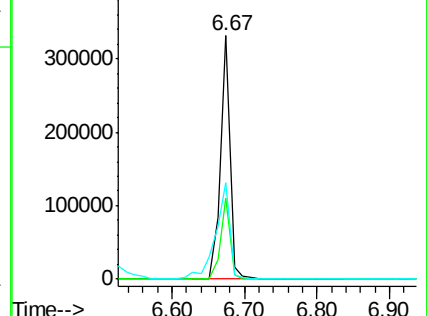
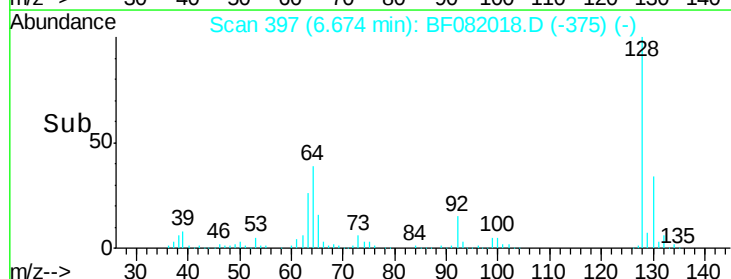
64 39.5 20.5 60.5



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: 14.80 ng

RT: 6.43 min Scan# 376

Delta R.T. -0.05 min

Lab File: BF082018.D

Acq: 3 Oct 2015 11:59

Instrument :

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ClientSampleId :

P001-BF001-01MSD

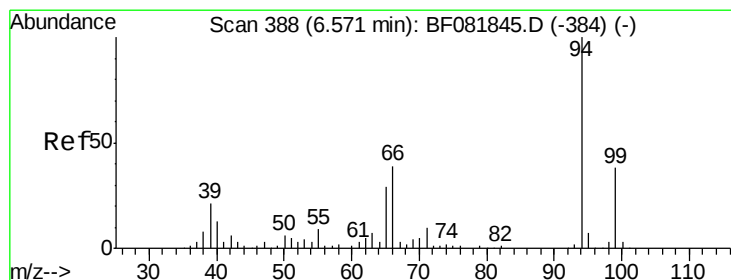
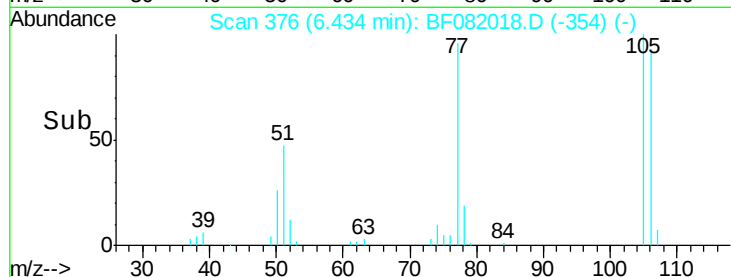
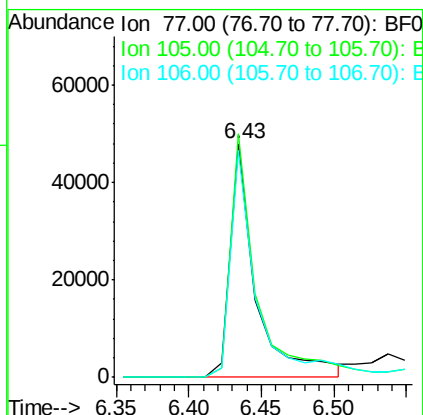
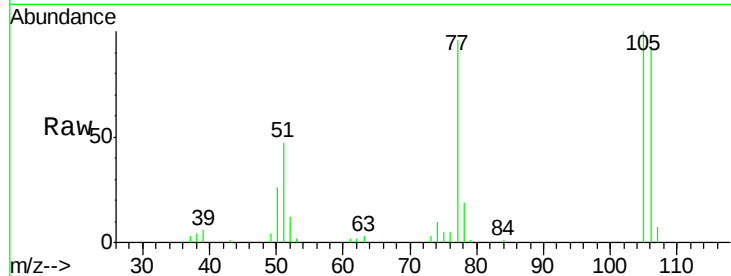
Tgt Ion: 77 Resp: 59416

Ion Ratio Lower Upper

77 100

105 104.2 91.6 131.6

106 97.0 102.6 142.6#



#10

Phenol

Concen: 57.81 ng

RT: 6.54 min Scan# 385

Delta R.T. -0.03 min

Lab File: BF082018.D

Acq: 3 Oct 2015 11:59

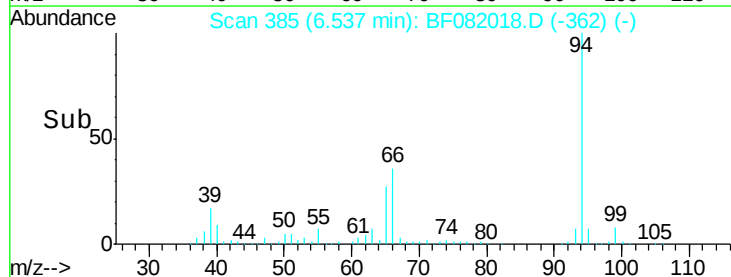
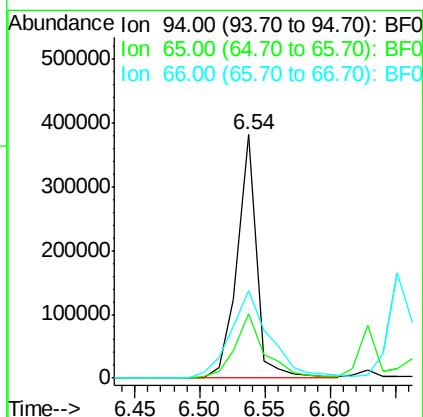
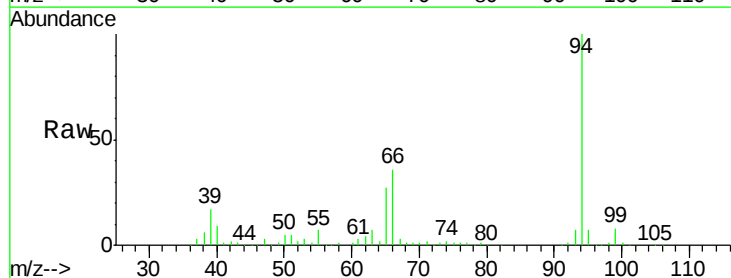
Tgt Ion: 94 Resp: 397577

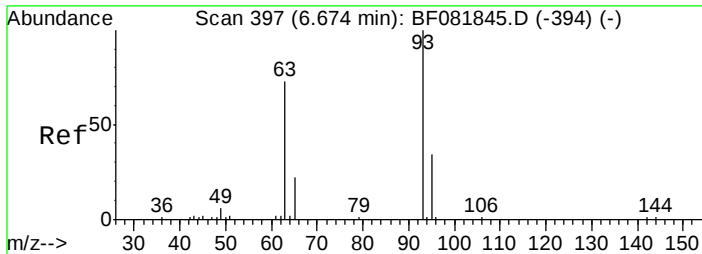
Ion Ratio Lower Upper

94 100

65 26.6 0.7 40.7

66 35.8 0.8 40.8



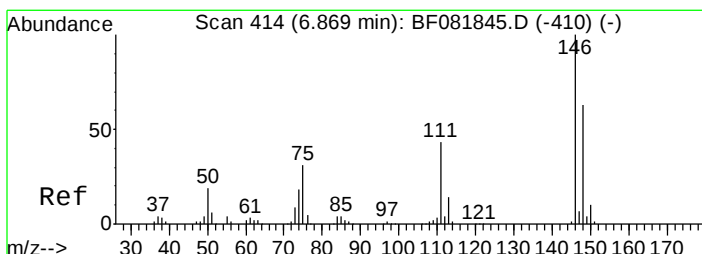
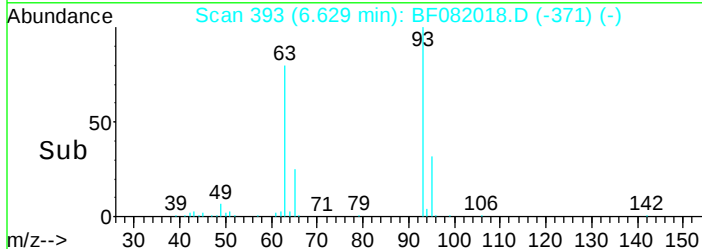
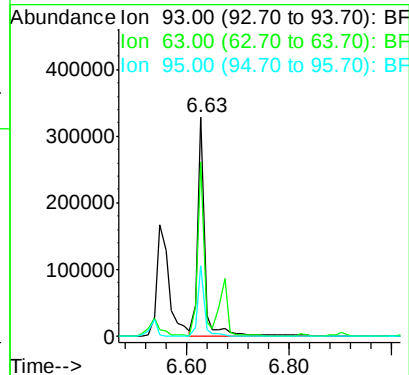
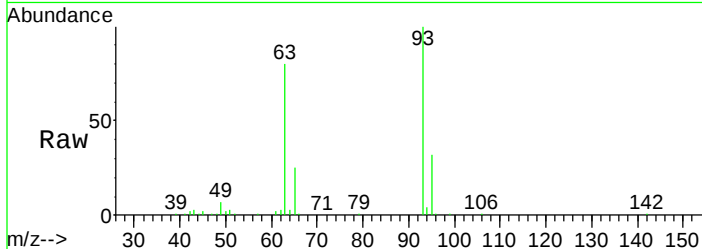


#11
 bis(2-Chloroethyl)ether
 Concen: 58.89 ng
 RT: 6.63 min Scan# 393
 Delta R.T. -0.05 min
 Lab File: BF082018.D
 Acq: 3 Oct 2015 11:59

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MSD

Tgt Ion: 93 Resp: 314055

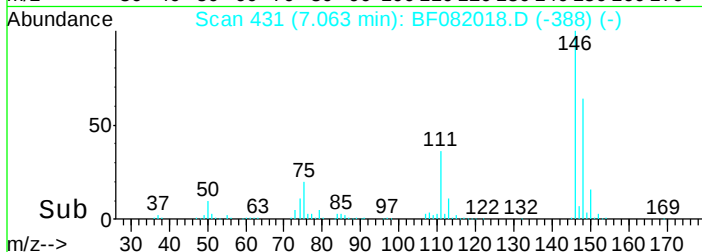
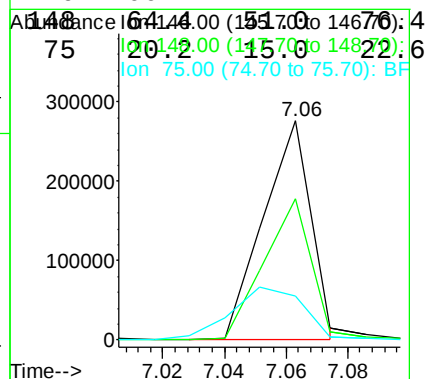
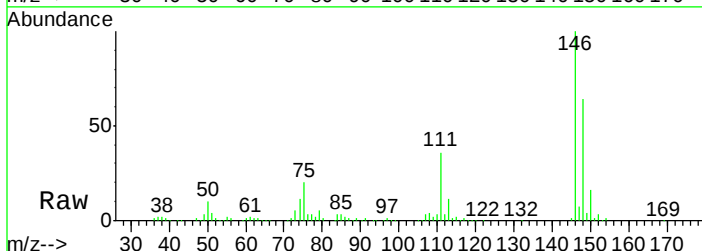
Ion	Ratio	Lower	Upper
93	100		
63	79.6	65.6	105.6
95	32.0	13.6	53.6

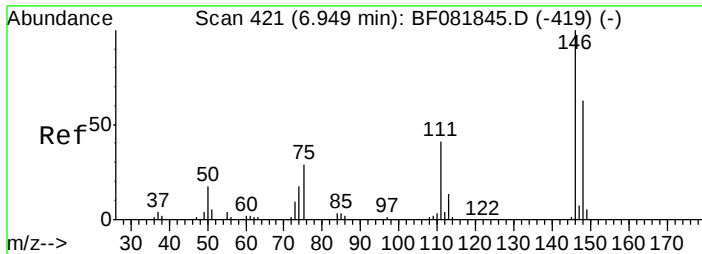


#12
 1,3-Dichlorobenzene
 Concen: 46.32 ng
 RT: 7.06 min Scan# 431
 Delta R.T. 0.19 min
 Lab File: BF082018.D
 Acq: 3 Oct 2015 11:59

Tgt Ion: 146 Resp: 294399

Ion	Ratio	Lower	Upper
146	100		

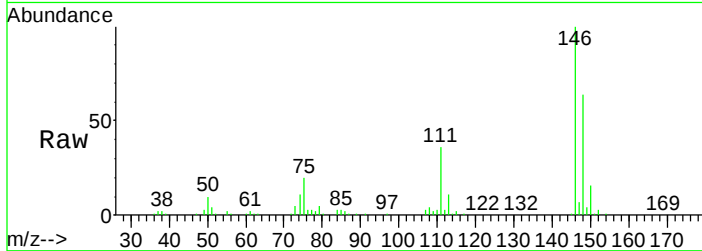




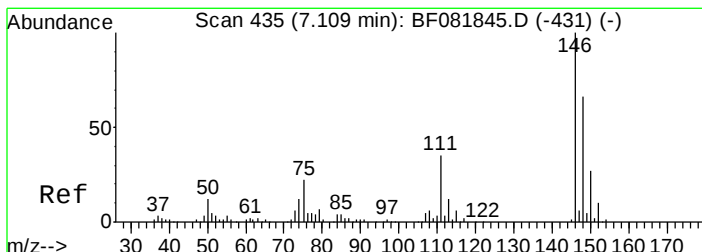
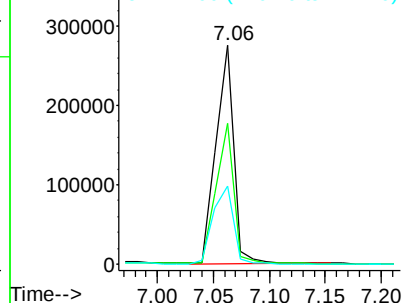
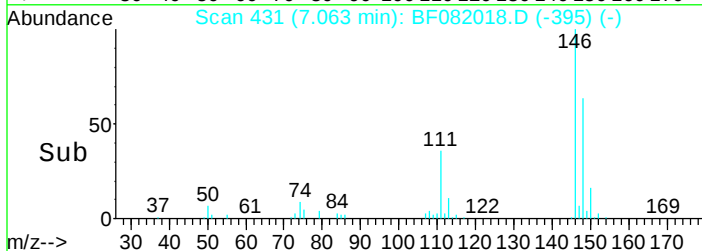
#13
 1,4-Dichlorobenzene
 Concen: 45.55 ng
 RT: 7.06 min Scan# 431
 Delta R.T. 0.11 min
 Lab File: BF082018.D
 Acq: 3 Oct 2015 11:59

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MSD

Tgt Ion:146 Resp: 302265
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.8 77.6
 111 35.8 24.9 37.3

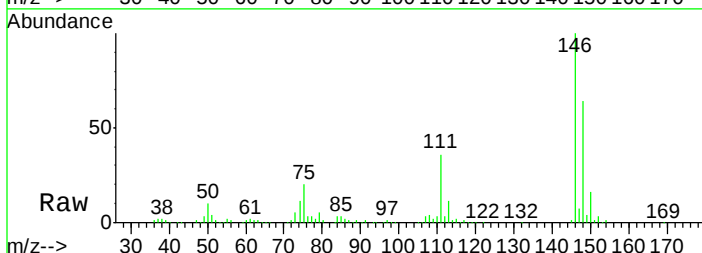


Abundance Ion 146.00 (145.70 to 146.70):
 Ion 148.00 (147.70 to 148.70):
 Ion 111.00 (110.70 to 111.70):

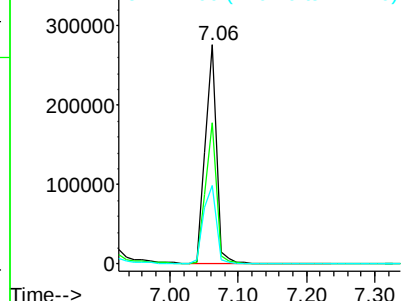
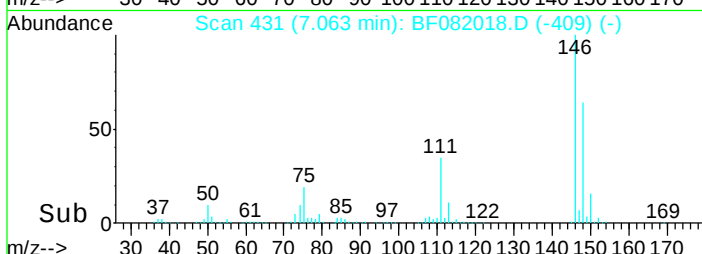


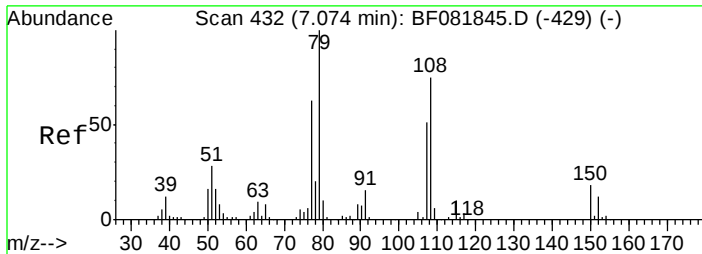
#14
 1,2-Dichlorobenzene
 Concen: 52.09 ng
 RT: 7.06 min Scan# 431
 Delta R.T. -0.05 min
 Lab File: BF082018.D
 Acq: 3 Oct 2015 11:59

Tgt Ion:146 Resp: 308026
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.7 77.6
 111 35.8 28.8 43.2



Abundance Ion 146.00 (145.70 to 146.70):
 Ion 148.00 (147.70 to 148.70):
 Ion 111.00 (110.70 to 111.70):

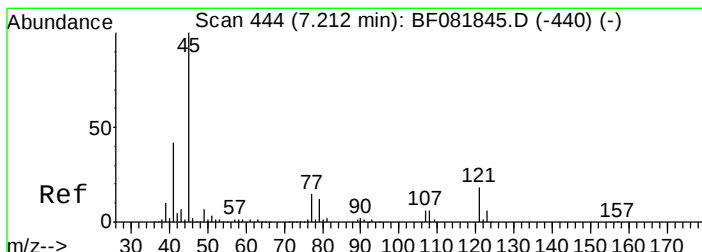
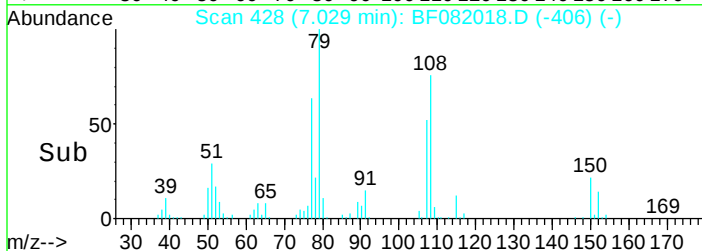
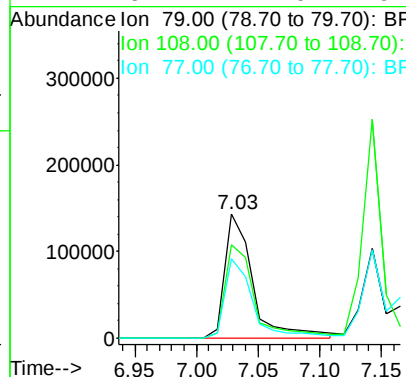
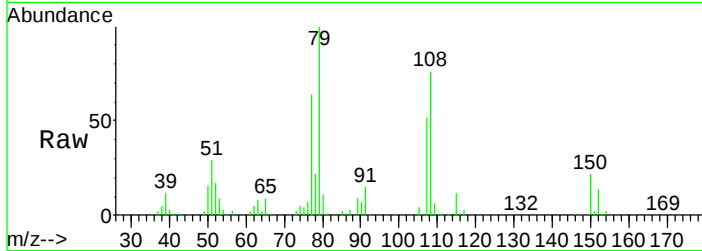




#15
Benzyl Alcohol
Concen: 51.23 ng
RT: 7.03 min Scan# 428
Delta R.T. -0.05 min
Lab File: BF082018.D
Acq: 3 Oct 2015 11:59

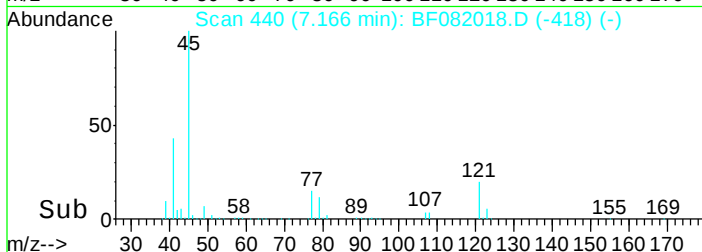
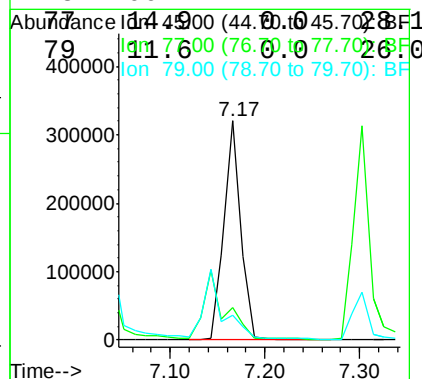
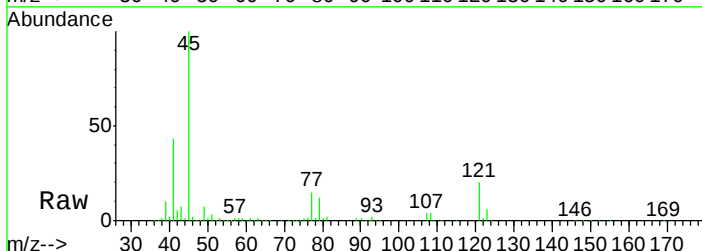
Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MSD

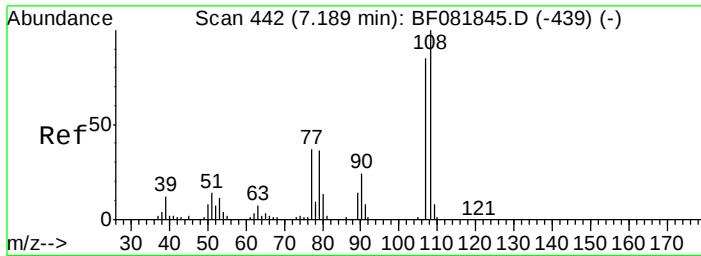
Tgt Ion: 79 Resp: 226738
Ion Ratio Lower Upper
79 100
108 75.6 88.6 132.8#
77 64.1 47.0 70.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.59 ng
RT: 7.17 min Scan# 440
Delta R.T. -0.05 min
Lab File: BF082018.D
Acq: 3 Oct 2015 11:59

Tgt Ion: 45 Resp: 396488
Ion Ratio Lower Upper
45 100

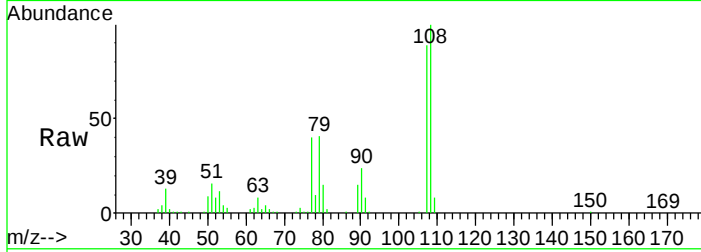




#17
2-Methylphenol
Concen: 56.25 ng
RT: 7.14 min Scan# 438
Delta R.T. -0.05 min
Lab File: BF082018.D
Acq: 3 Oct 2015 11:59

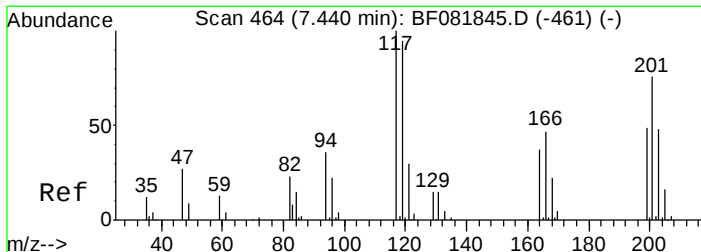
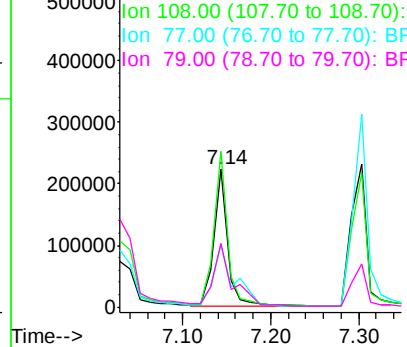
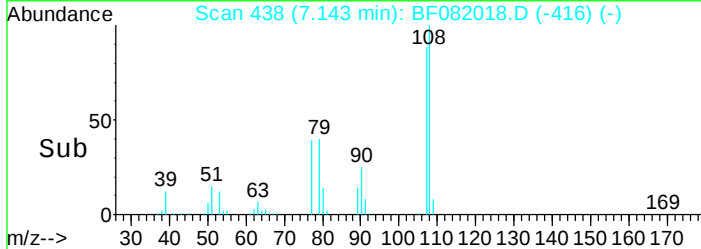
Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MSD

Tgt Ion:107 Resp: 245380
Ion Ratio Lower Upper
107 100
108 112.6 96.6 145.0
77 45.2 23.3 34.9#



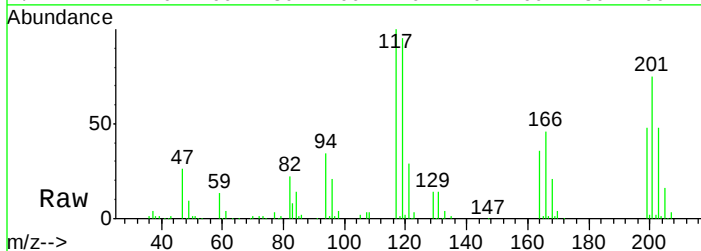
Abundance

Ion 108.00 (107.70 to 108.70):
Ion 77.00 (76.70 to 77.70): BF
Ion 79.00 (78.70 to 79.70): BF



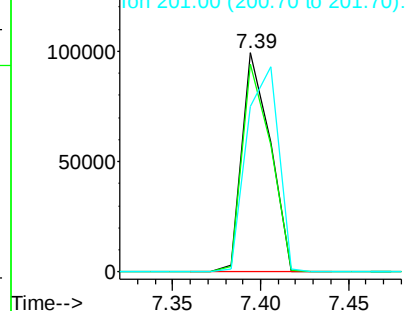
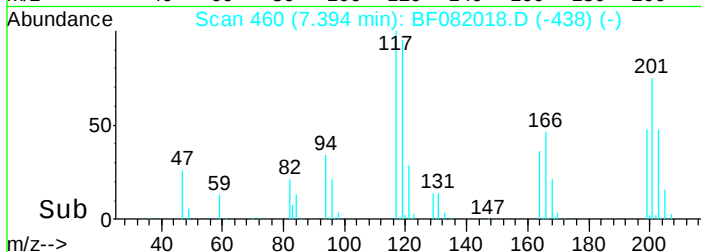
#18
Hexachloroethane
Concen: 53.33 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.05 min
Lab File: BF082018.D
Acq: 3 Oct 2015 11:59

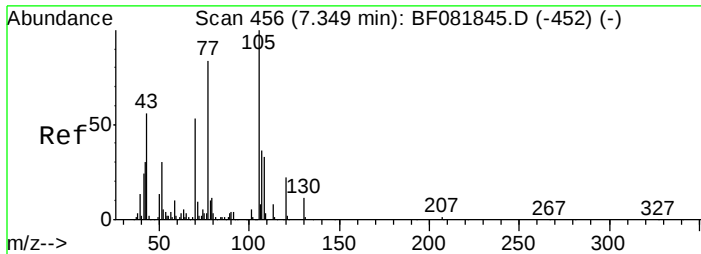
Tgt Ion:117 Resp: 110804
Ion Ratio Lower Upper
117 100



Abundance

Ion 117.00 (116.70 to 117.70):
Ion 201.00 (200.70 to 201.70):

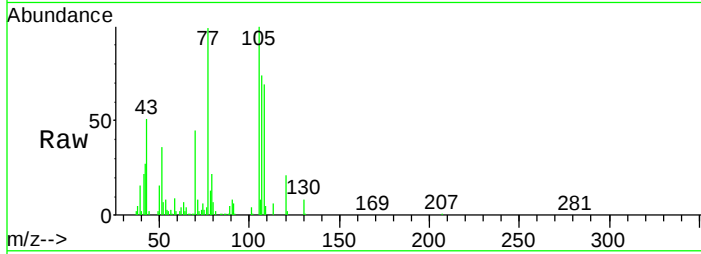




#19
n-Nitroso-di-n-propylamine
Concen: 51.72 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.05 min
Lab File: BF082018.D
Acq: 3 Oct 2015 11:59

Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MSD

Tgt Ion: 70 Resp: 192714
Ion Ratio Lower Upper
70 100
42 61.0 63.8 95.6#
101 9.0 9.2 13.8#

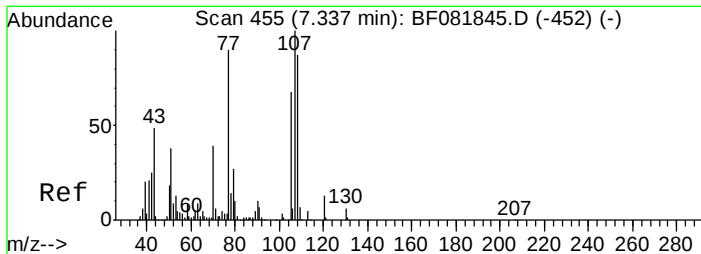
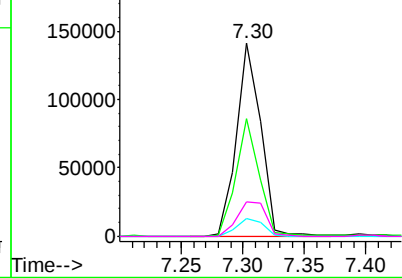


Abundance

Scan 452 (7.303 min): BF082018.D (-430) (-)

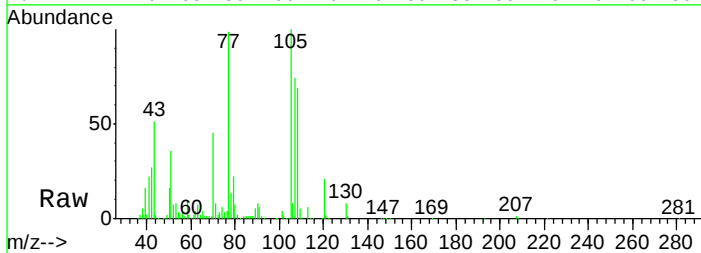
Sub

m/z-->



#20
3+4-Methylphenols
Concen: 54.74 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.03 min
Lab File: BF082018.D
Acq: 3 Oct 2015 11:59

Tgt Ion: 107 Resp: 301615
Ion Ratio Lower Upper
107 100

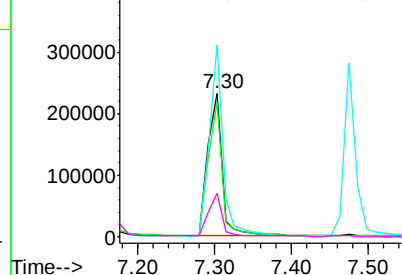


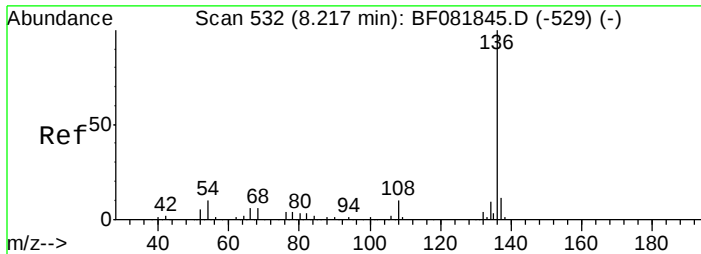
Abundance

Scan 452 (7.303 min): BF082018.D (-429) (-)

Sub

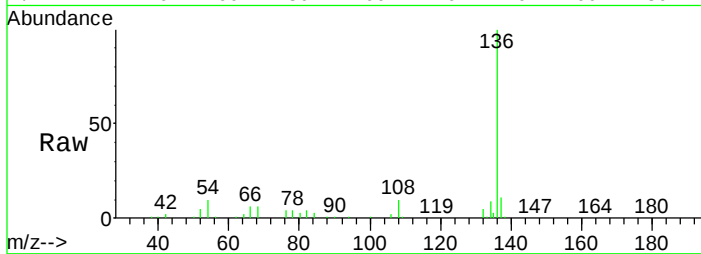
m/z-->



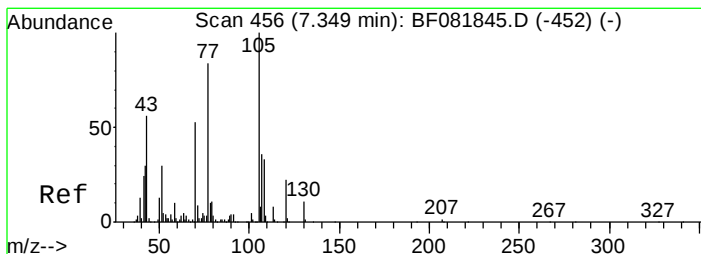
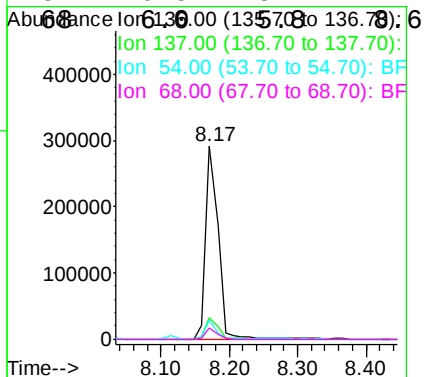
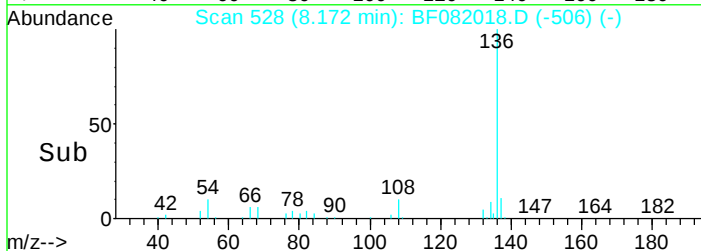


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF082018.D
Acq: 3 Oct 2015 11:59

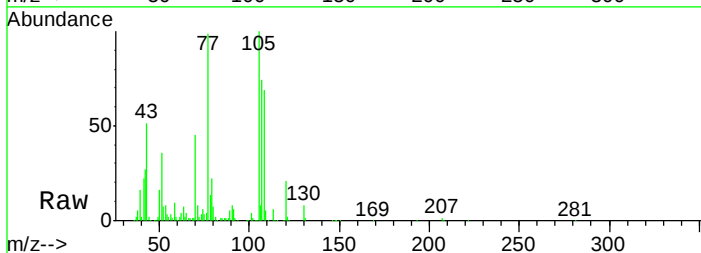
Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MSD



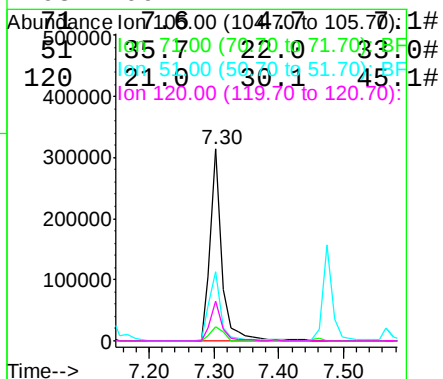
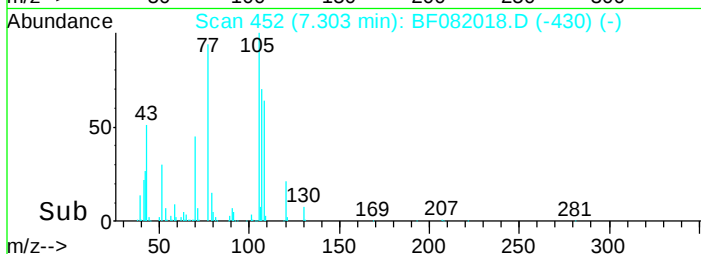
Tgt Ion:136 Resp: 349856
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 9.5 8.2 12.2

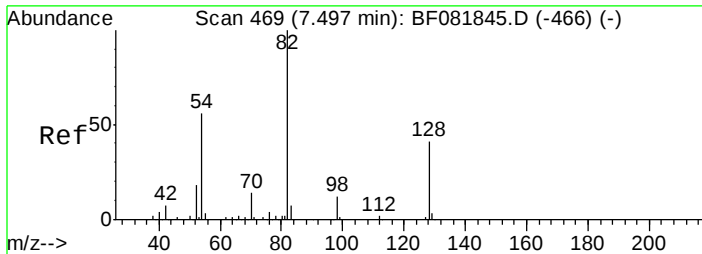


#22
Acetophenone
Concen: 54.60 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.05 min
Lab File: BF082018.D
Acq: 3 Oct 2015 11:59



Tgt Ion:105 Resp: 390539
Ion Ratio Lower Upper
105 100

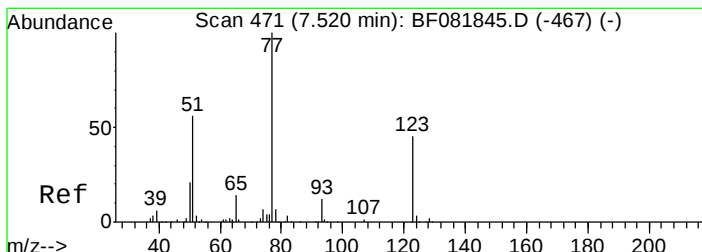
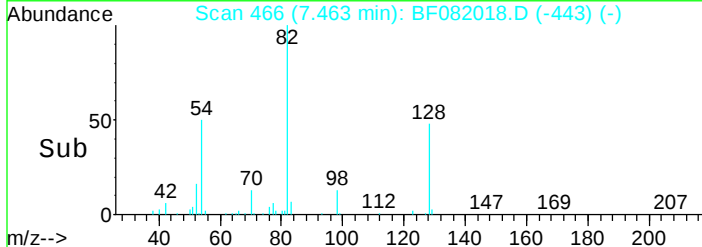
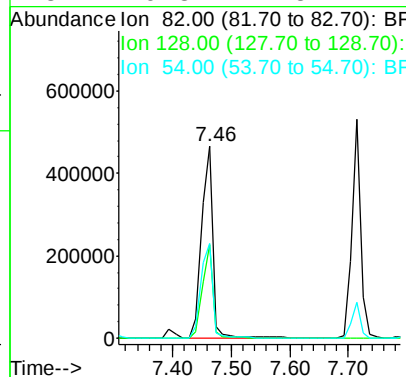
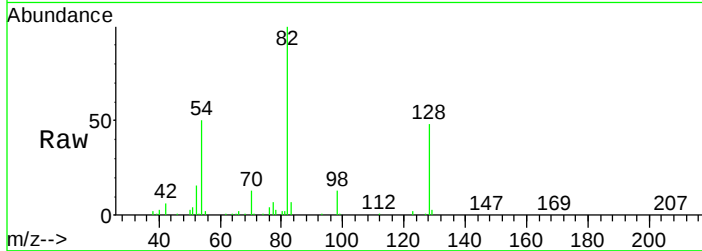




#23
 Nitrobenzene-d5
 Concen: 119.84 ng
 RT: 7.46 min Scan# 466
 Delta R.T. -0.03 min
 Lab File: BF082018.D
 Acq: 3 Oct 2015 11:59

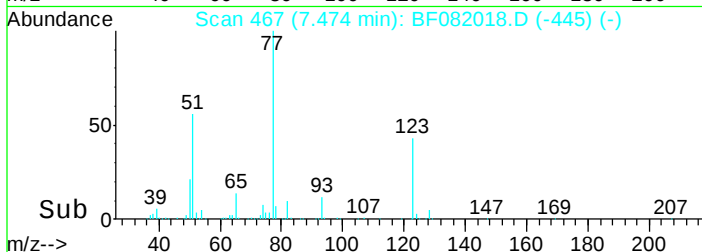
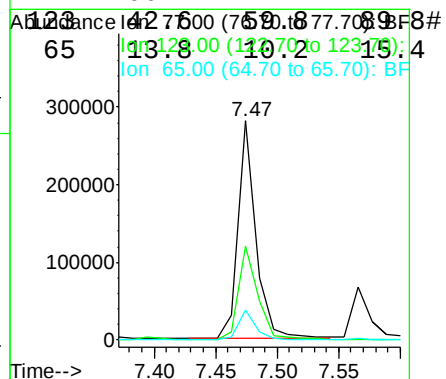
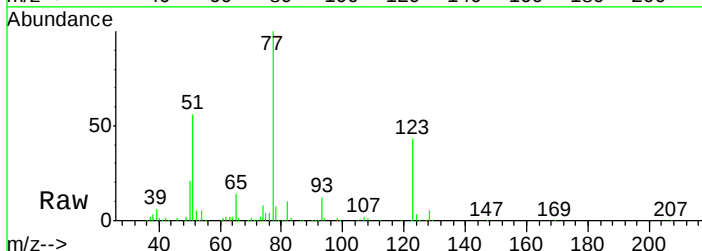
Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MSD

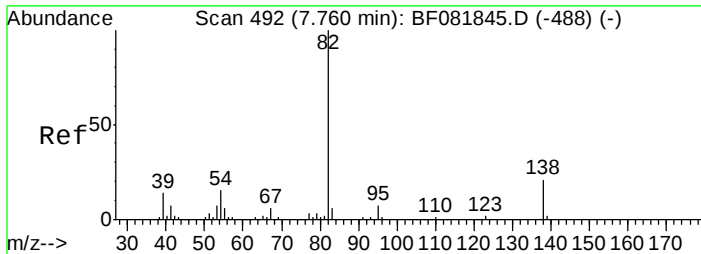
Tgt Ion: 82 Resp: 628957
 Ion Ratio Lower Upper
 82 100
 128 48.5 51.0 76.6#
 54 49.8 47.5 71.3



#24
 Nitrobenzene
 Concen: 50.13 ng
 RT: 7.47 min Scan# 467
 Delta R.T. -0.05 min
 Lab File: BF082018.D
 Acq: 3 Oct 2015 11:59

Tgt Ion: 77 Resp: 285665
 Ion Ratio Lower Upper
 77 100
 123 42.6 59.8 89.8#
 65 13.8 10.2 15.4

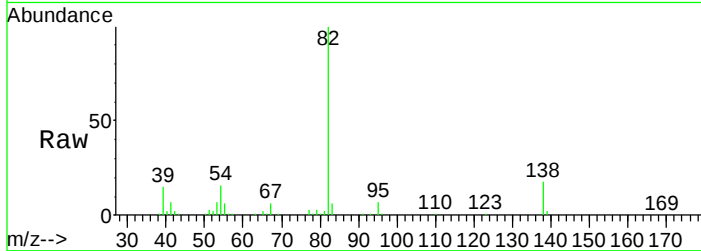




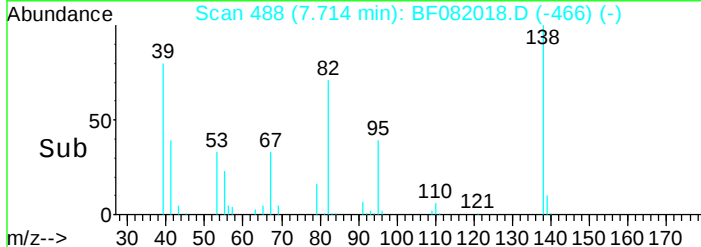
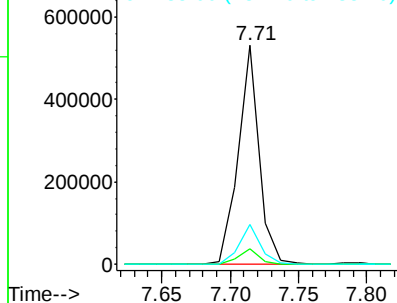
#25
Isophorone
Concen: 54.85 ng
RT: 7.71 min Scan# 488
Delta R.T. -0.05 min
Lab File: BF082018.D
Acq: 3 Oct 2015 11:59

Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MSD

Tgt Ion: 82 Resp: 570556
Ion Ratio Lower Upper
82 100
95 7.0 4.0 6.0#
138 17.9 18.3 27.5#

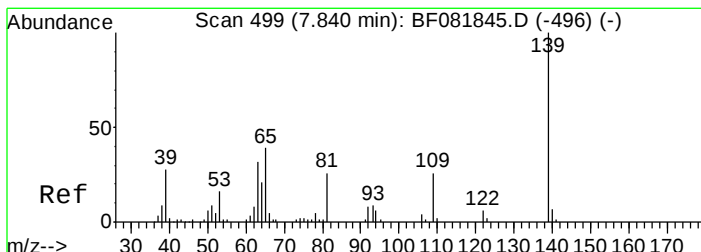


Abundance Ion 82.00 (81.70 to 82.70): BF
Ion 95.00 (94.70 to 95.70): BF
Ion 138.00 (137.70 to 138.70): BF

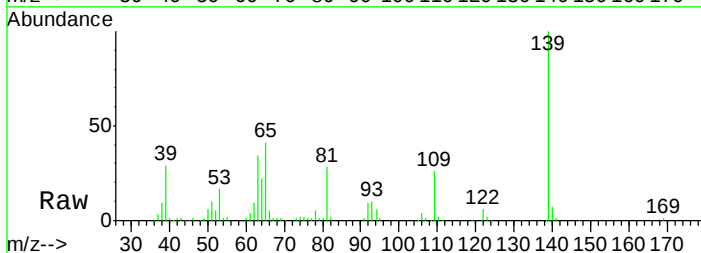
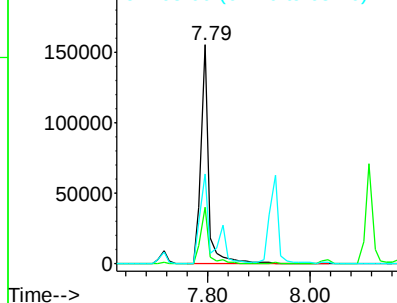


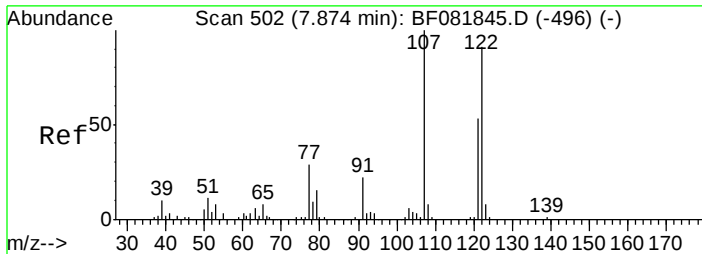
#26
2-Nitrophenol
Concen: 61.83 ng
RT: 7.79 min Scan# 495
Delta R.T. -0.05 min
Lab File: BF082018.D
Acq: 3 Oct 2015 11:59

Tgt Ion:139 Resp: 169131
Ion Ratio Lower Upper
139 100



Abundance Ion 139.00 (138.70 to 139.30): 4#
Ion 65.00 (64.70 to 65.70): BF
Ion 109.00 (108.70 to 109.70): BF
Ion 110.00 (109.70 to 110.70): BF

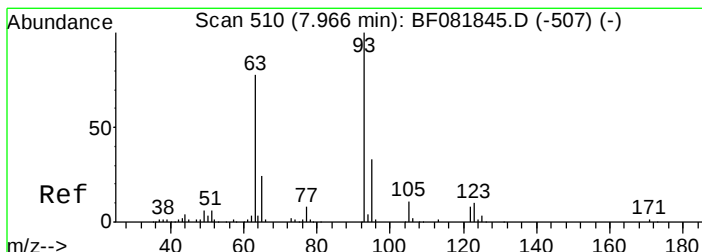
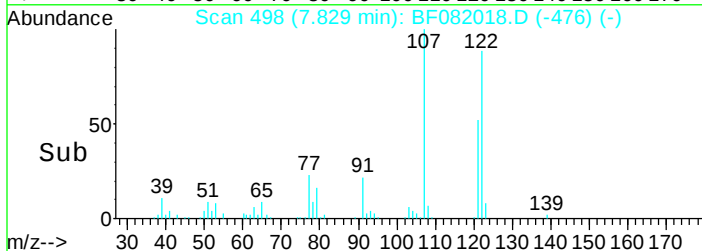
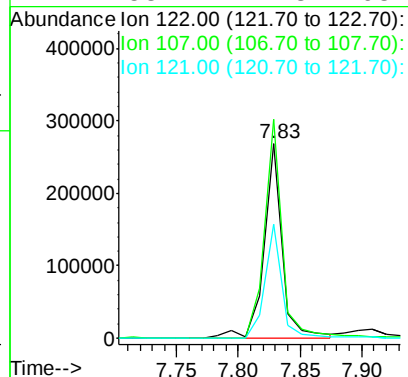
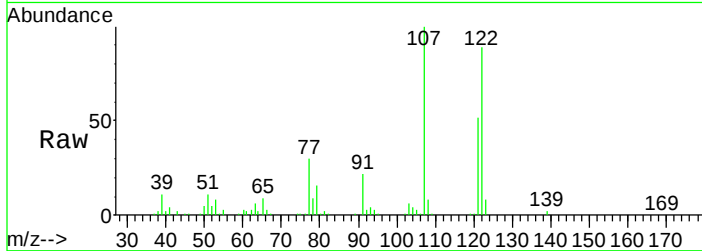




#27
 2,4-Dimethylphenol
 Concen: 56.86 ng
 RT: 7.83 min Scan# 498
 Delta R.T. -0.05 min
 Lab File: BF082018.D
 Acq: 3 Oct 2015 11:59

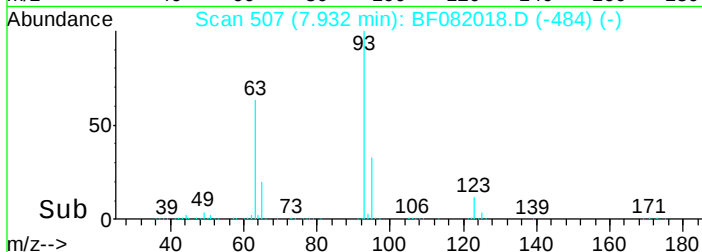
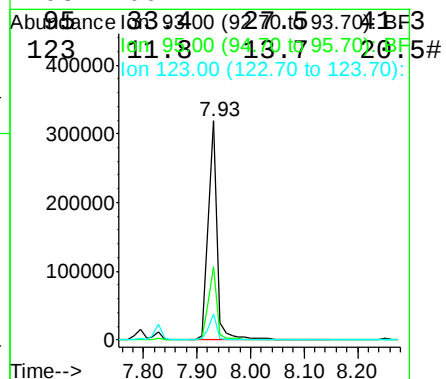
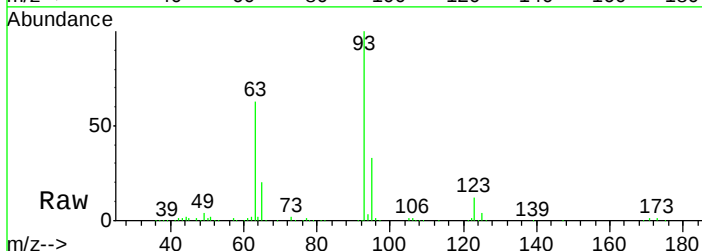
Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MSD

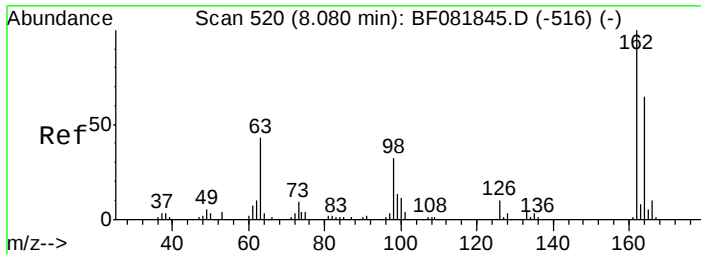
Tgt Ion:122 Resp: 273643
 Ion Ratio Lower Upper
 122 100
 107 112.6 71.8 107.6#
 121 58.4 42.3 63.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 58.68 ng
 RT: 7.93 min Scan# 507
 Delta R.T. -0.03 min
 Lab File: BF082018.D
 Acq: 3 Oct 2015 11:59

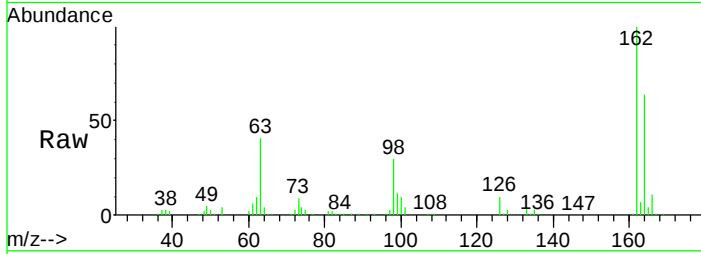
Tgt Ion: 93 Resp: 362520
 Ion Ratio Lower Upper
 93 100



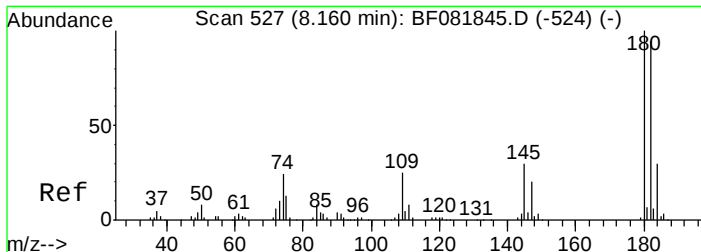
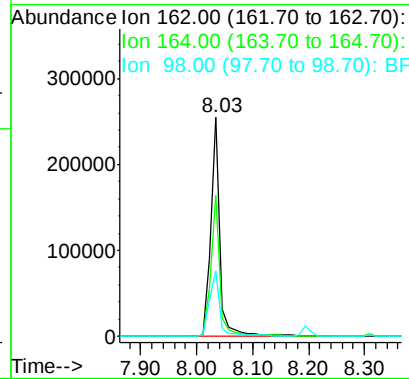
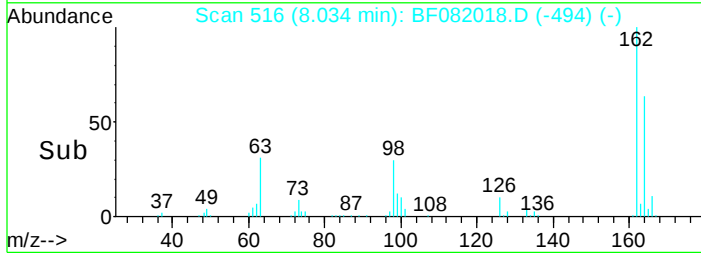


#29
2,4-Dichlorophenol
Concen: 61.49 ng
RT: 8.03 min Scan# 516
Delta R.T. -0.05 min
Lab File: BF082018.D
Acq: 3 Oct 2015 11:59

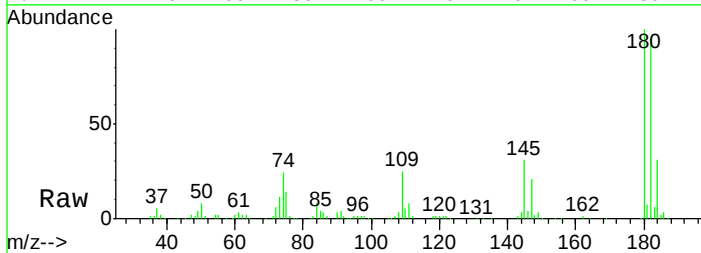
Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MSD



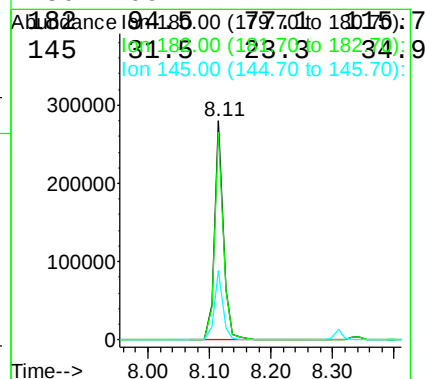
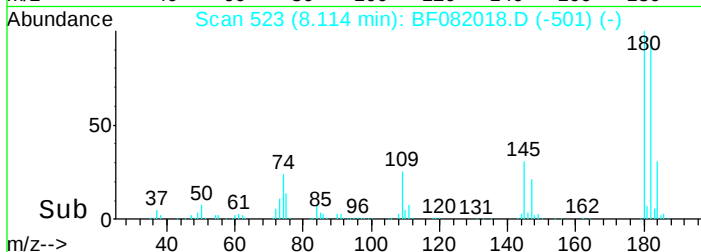
Tgt Ion:162 Resp: 286930
Ion Ratio Lower Upper
162 100
164 64.5 44.9 84.9
98 29.6 13.0 53.0

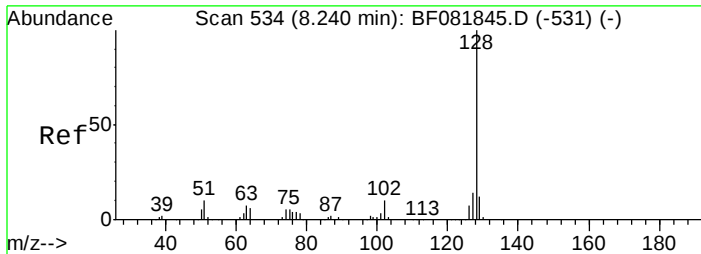


#30
1,2,4-Trichlorobenzene
Concen: 53.95 ng
RT: 8.11 min Scan# 523
Delta R.T. -0.05 min
Lab File: BF082018.D
Acq: 3 Oct 2015 11:59



Tgt Ion:180 Resp: 281064
Ion Ratio Lower Upper
180 100





#31

Naphthalene

Concen: 54.54 ng

RT: 8.19 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF082018.D

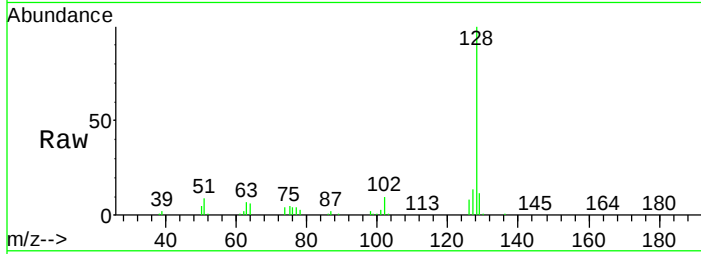
Acq: 3 Oct 2015 11:59

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MSD



Tgt Ion:128 Resp: 845451

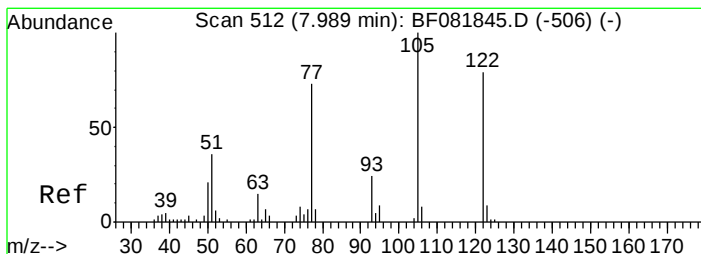
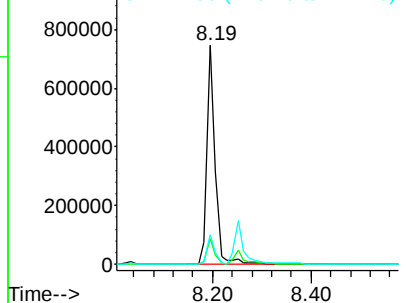
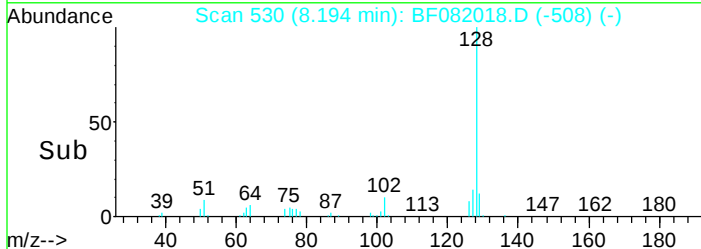
Ion Ratio Lower Upper

128 100

129 11.7 8.4 12.6

127 13.6 9.9 14.9

Abundance Ion 128.00 (127.70 to 128.70):
1000000 Ion 129.00 (128.70 to 129.70):
800000 Ion 127.00 (126.70 to 127.70):



#32

Benzoic acid

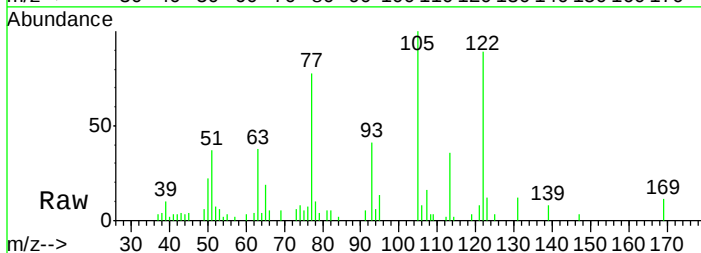
Concen: 17.79 ng

RT: 7.91 min Scan# 505

Delta R.T. -0.08 min

Lab File: BF082018.D

Acq: 3 Oct 2015 11:59

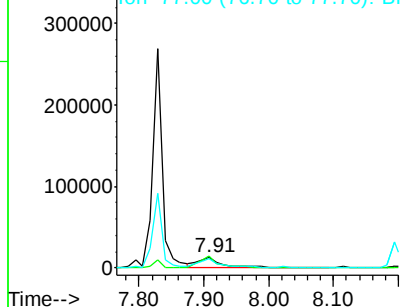
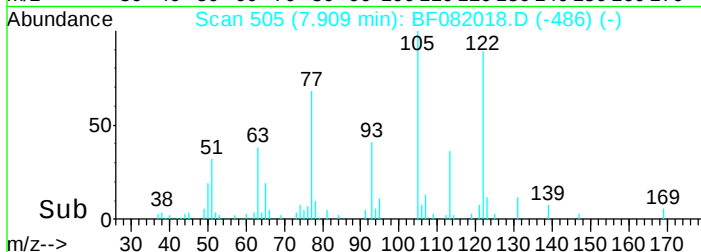


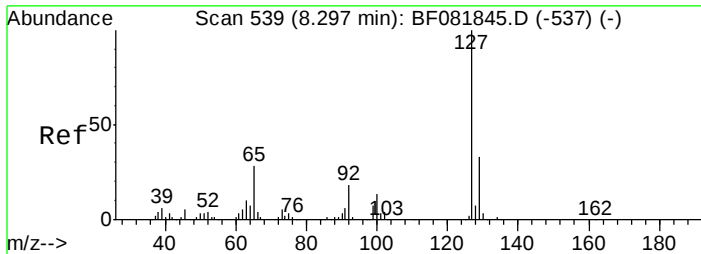
Tgt Ion:122 Resp: 35504

Ion Ratio Lower Upper

122 100

Abundance Ion 122.00 (121.70 to 122.70): 1
100000 Ion 105.00 (104.70 to 105.70): 1
80000 Ion 77.00 (76.70 to 77.70): 1
60000 Ion 129.00 (128.70 to 129.70): 1
40000 Ion 101.00 (100.70 to 101.70): 1
20000 Ion 77.00 (76.70 to 77.70): 1

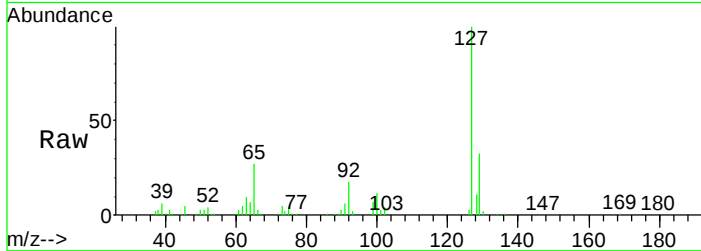




#33
4-Chloroaniline
Concen: 30.95 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.05 min
Lab File: BF082018.D
Acq: 3 Oct 2015 11:59

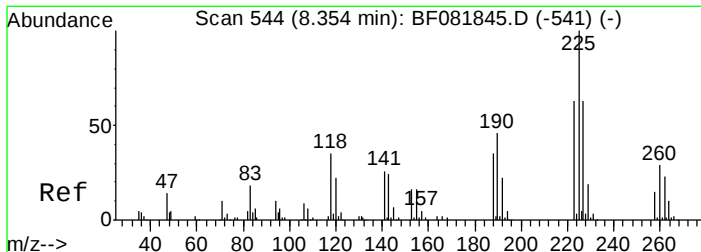
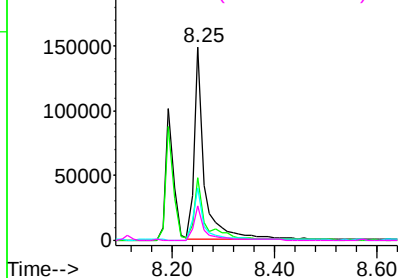
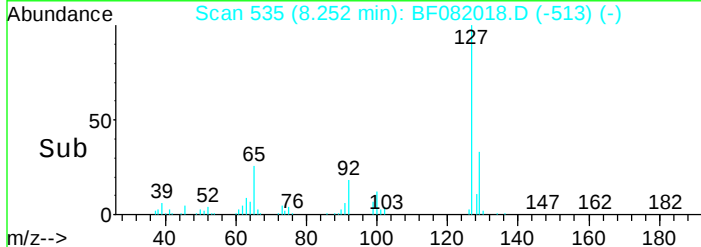
Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MSD

Tgt Ion:127 Resp: 207456
Ion Ratio Lower Upper
127 100
129 32.7 25.8 38.6
65 27.1 17.9 26.9#



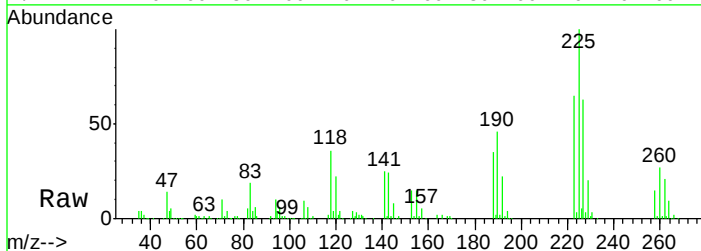
Abundance

Ion 129.00 (128.70 to 129.70): 7#
Ion 65.00 (64.70 to 65.70): BF
Ion 92.00 (91.70 to 92.70): BF



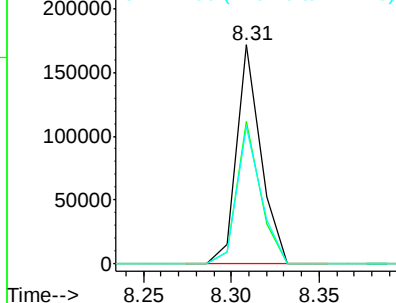
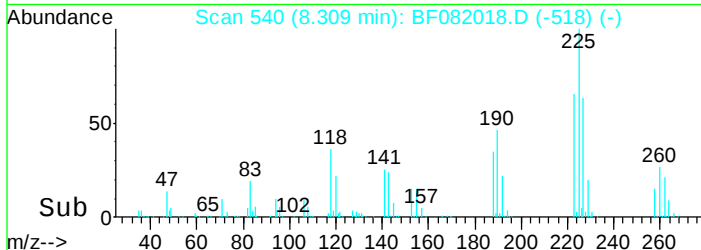
#34
Hexachlorobutadiene
Concen: 53.34 ng
RT: 8.31 min Scan# 540
Delta R.T. -0.05 min
Lab File: BF082018.D
Acq: 3 Oct 2015 11:59

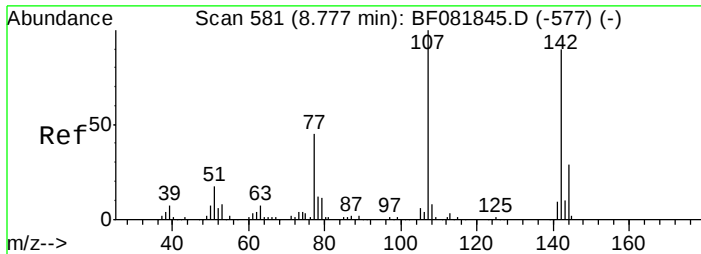
Tgt Ion:225 Resp: 164350
Ion Ratio Lower Upper
225 100



Abundance

Ion 225.00 (224.70 to 225.70): 2
Ion 227.00 (226.70 to 227.70): 2

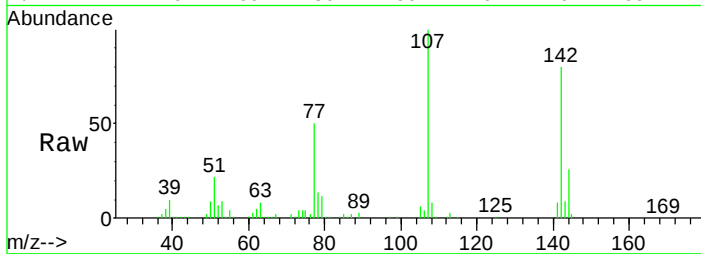




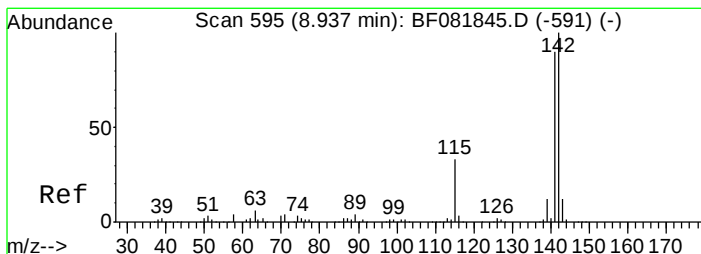
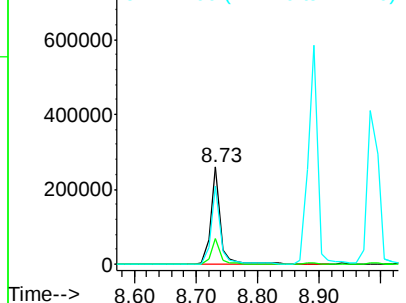
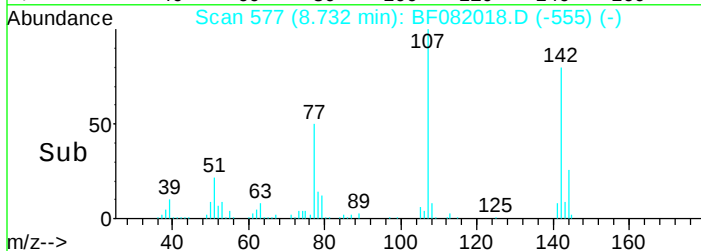
#36
4-Chloro-3-methylphenol
Concen: 61.71 ng
RT: 8.73 min Scan# 577
Delta R.T. -0.05 min
Lab File: BF082018.D
Acq: 3 Oct 2015 11:59

Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MSD

Tgt Ion:107 Resp: 281564
Ion Ratio Lower Upper
107 100
144 26.2 25.4 38.0
142 80.3 77.3 115.9

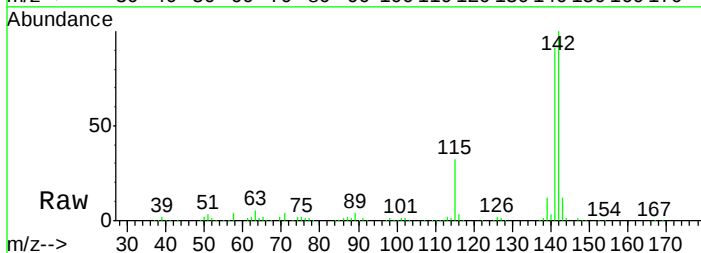


Abundance Ion 107.00 (106.70 to 107.70):
Ion 144.00 (143.70 to 144.70):
Ion 142.00 (141.70 to 142.70):

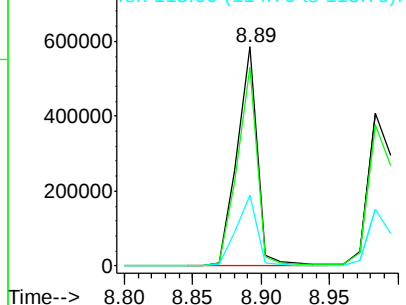
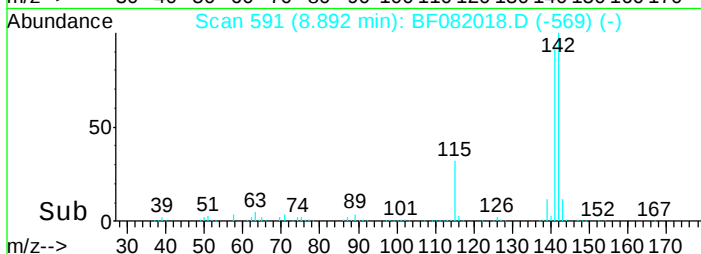


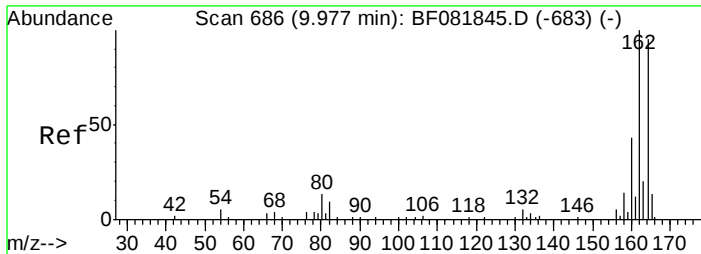
#37
2-Methylnaphthalene
Concen: 58.48 ng
RT: 8.89 min Scan# 591
Delta R.T. -0.05 min
Lab File: BF082018.D
Acq: 3 Oct 2015 11:59

Tgt Ion:142 Resp: 618842
Ion Ratio Lower Upper
142 100



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF082018.D

Acq: 3 Oct 2015 11:59

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MSD

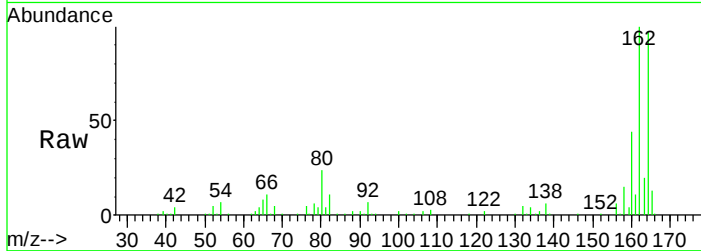
Tgt Ion:164 Resp: 175674

Ion Ratio Lower Upper

164 100

162 103.0 75.2 112.8

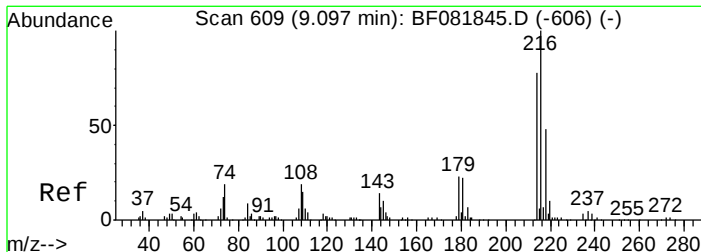
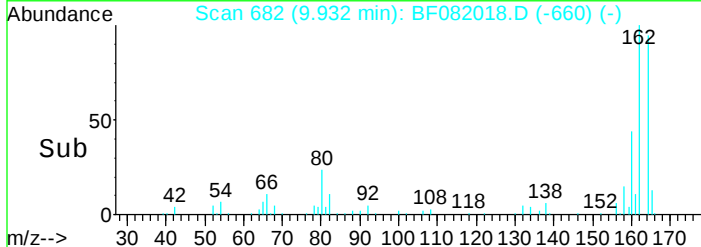
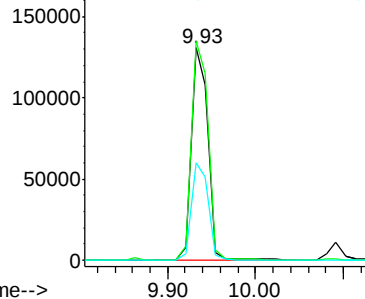
160 45.5 31.5 47.3



Abundance Ion 164.00 (163.70 to 164.70):

Ion 162.00 (161.70 to 162.70):

Ion 160.00 (159.70 to 160.70):



#39

1,2,4,5-Tetrachlorobenzene

Concen: 50.37 ng

RT: 9.05 min Scan# 605

Delta R.T. -0.05 min

Lab File: BF082018.D

Acq: 3 Oct 2015 11:59

Tgt Ion:216 Resp: 271661

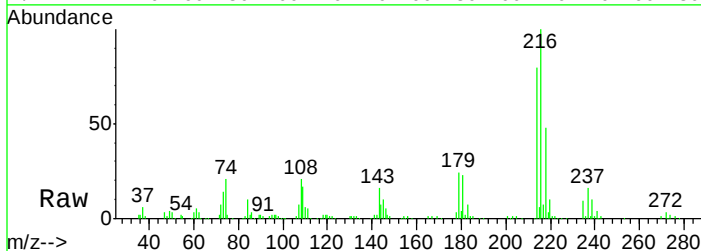
Ion Ratio Lower Upper

216 100

214 79.1 63.5 95.3

179 21.1 16.6 24.8

108 19.9 16.3 24.5

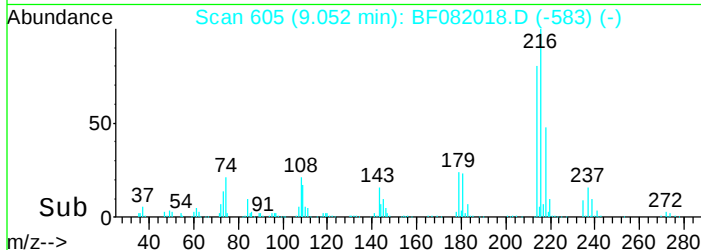
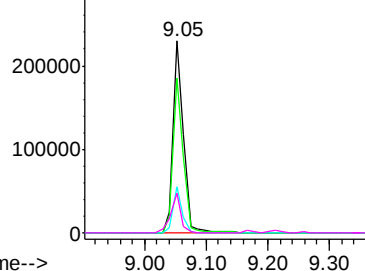


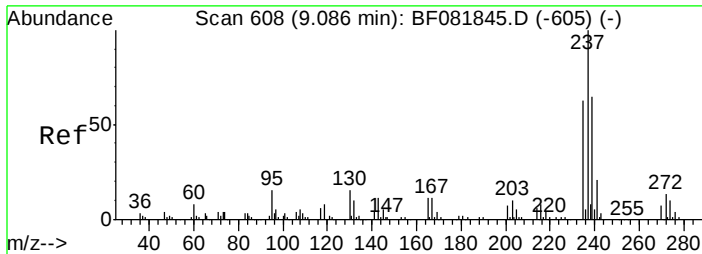
Abundance Ion 216.00 (215.70 to 216.95):

Ion 214.00 (213.70 to 214.70):

Ion 179.00 (178.70 to 179.70):

Ion 108.00 (107.70 to 108.70):

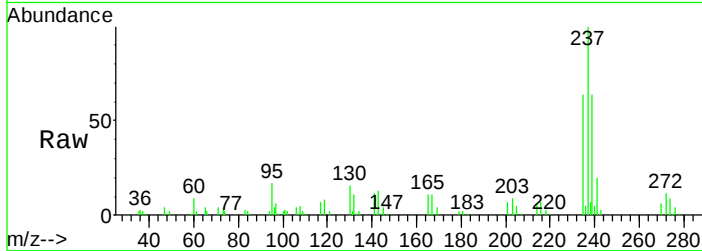




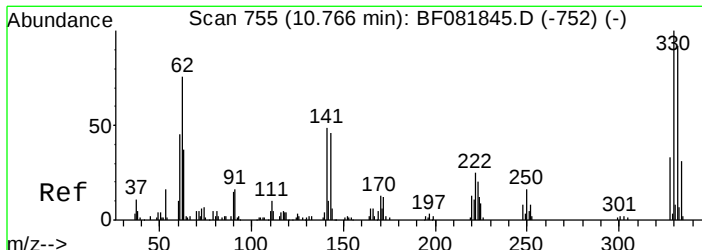
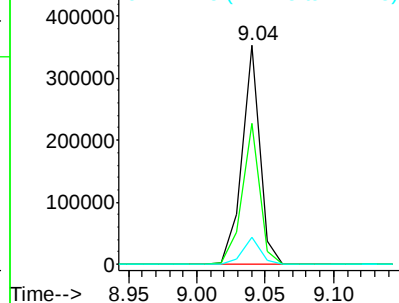
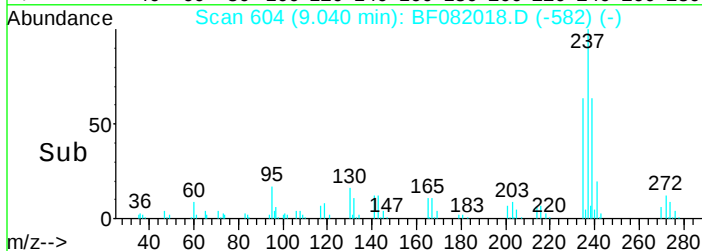
#40
Hexachlorocyclopentadiene
Concen: 116.93 ng
RT: 9.04 min Scan# 604
Delta R.T. -0.04 min
Lab File: BF082018.D
Acq: 3 Oct 2015 11:59

Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MSD

Tgt Ion:237 Resp: 324746
Ion Ratio Lower Upper
237 100
235 64.3 42.0 82.0
272 12.1 0.0 36.1

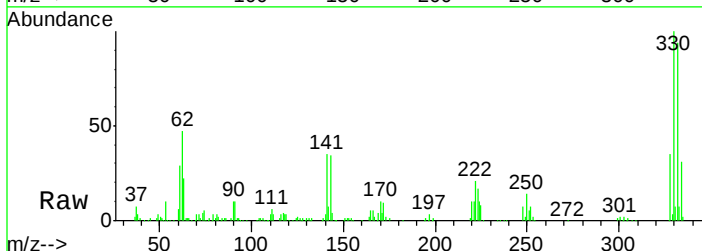


Abundance Ion 236.80 (236.50 to 237.50):
Ion 234.90 (234.60 to 235.60):
Ion 271.75 (271.45 to 272.45):

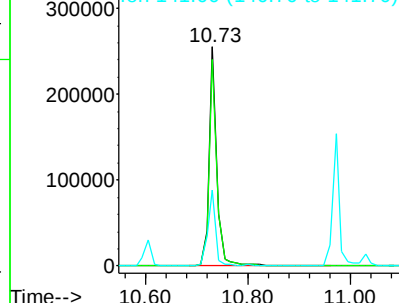
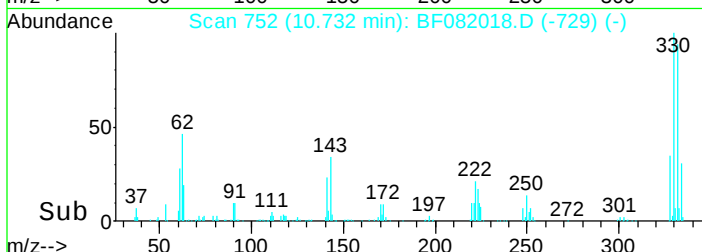


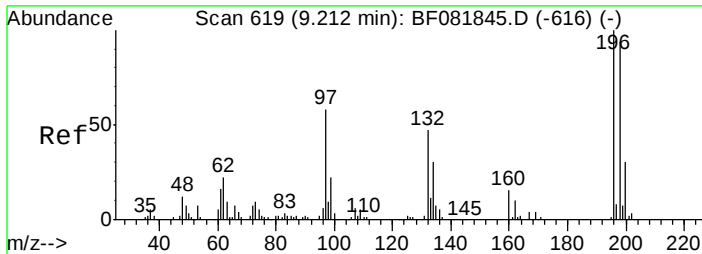
#41
2,4,6-Tribromophenol
Concen: 150.00 ng
RT: 10.73 min Scan# 752
Delta R.T. -0.03 min
Lab File: BF082018.D
Acq: 3 Oct 2015 11:59

Tgt Ion:330 Resp: 266869
Ion Ratio Lower Upper
330 100



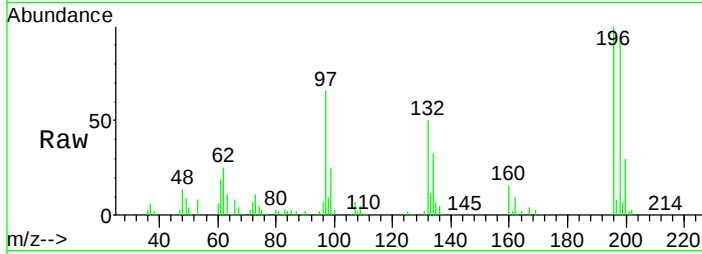
Abundance Ion 332.80 (332.50 to 333.10):
Ion 330.80 (330.50 to 331.10):
Ion 141.00 (140.70 to 141.70):



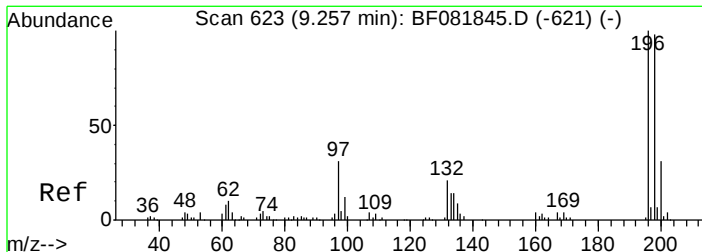
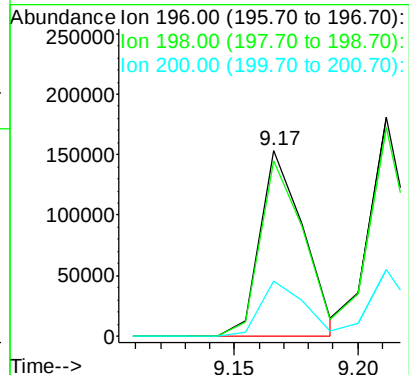
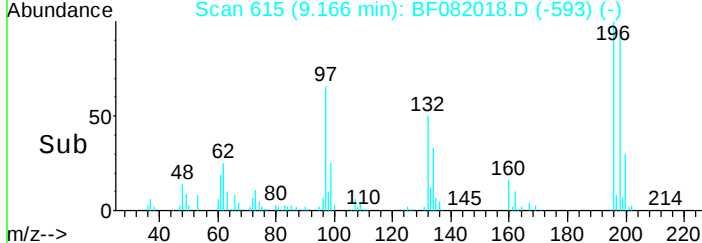


#42
 2,4,6-Trichlorophenol
 Concen: 50.73 ng
 RT: 9.17 min Scan# 615
 Delta R.T. -0.05 min
 Lab File: BF082018.D
 Acq: 3 Oct 2015 11:59

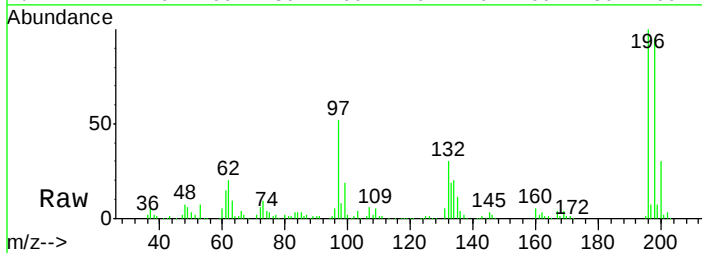
Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MSD



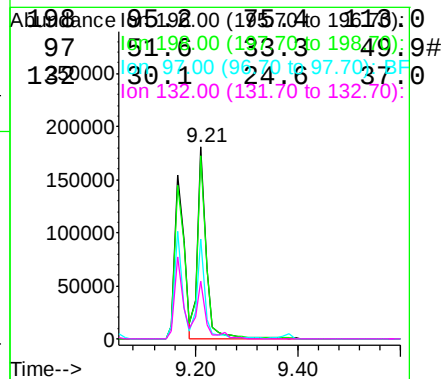
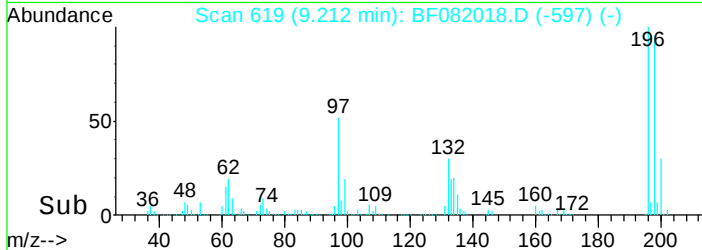
Tgt Ion:196 Resp: 187581
 Ion Ratio Lower Upper
 196 100
 198 94.3 75.7 113.5
 200 29.8 23.9 35.9

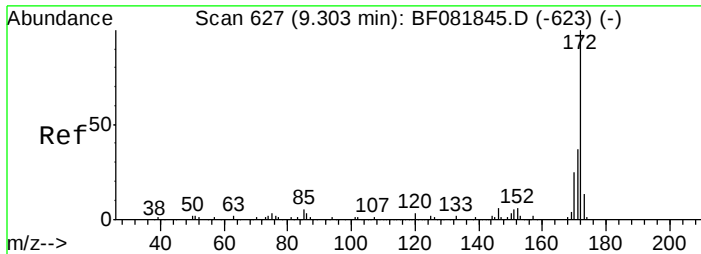


#43
 2,4,5-Trichlorophenol
 Concen: 57.26 ng
 RT: 9.21 min Scan# 619
 Delta R.T. -0.05 min
 Lab File: BF082018.D
 Acq: 3 Oct 2015 11:59



Tgt Ion:196 Resp: 217732
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.4 113.0
 200 30.1 24.6 37.0

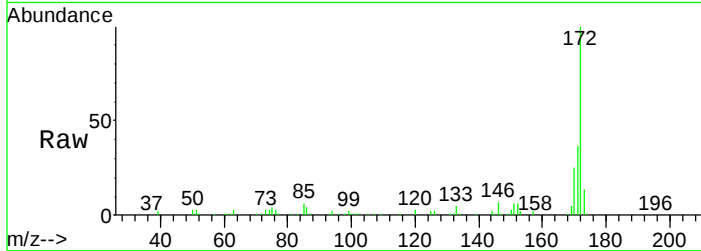




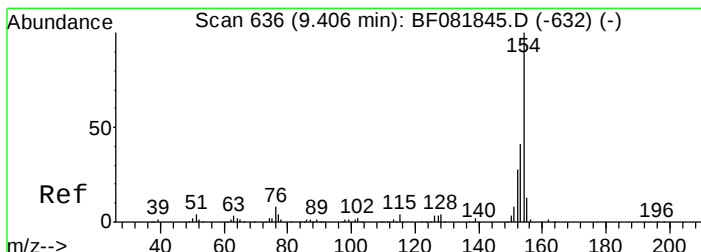
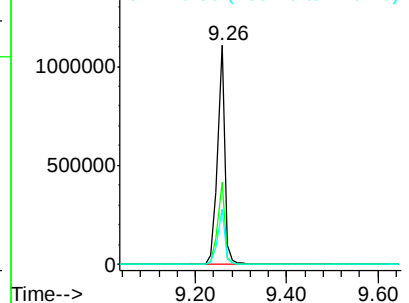
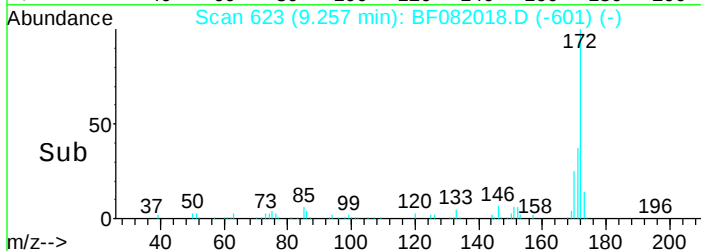
#44
2-Fluorobiphenyl
Concen: 117.62 ng
RT: 9.26 min Scan# 623
Delta R.T. -0.05 min
Lab File: BF082018.D
Acq: 3 Oct 2015 11:59

Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MSD

Tgt Ion:172 Resp: 1144445
Ion Ratio Lower Upper
172 100
171 37.3 26.1 39.1
170 25.1 17.4 26.2

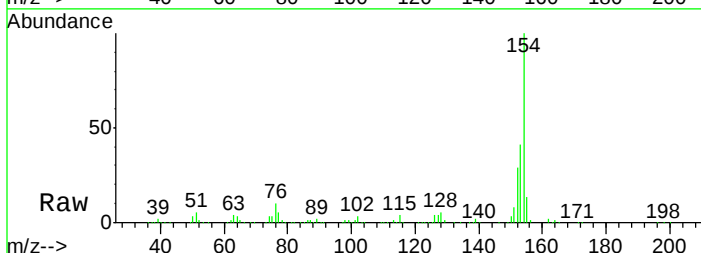


Abundance Ion 172.00 (171.70 to 172.70):
1500000 Ion 171.00 (170.70 to 171.70):
1000000 Ion 170.00 (169.70 to 170.70):

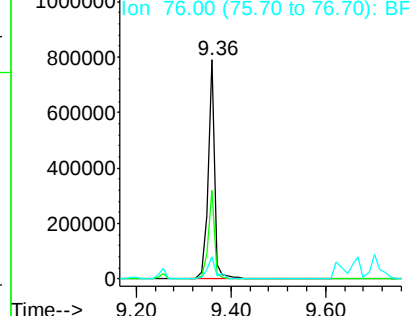
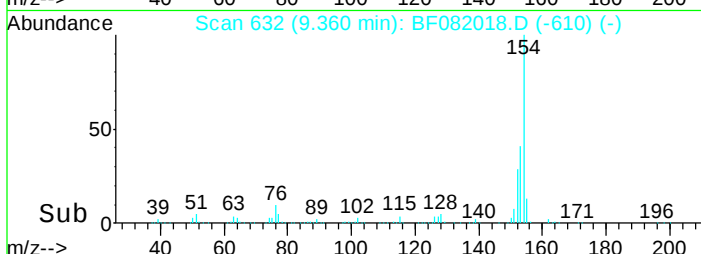


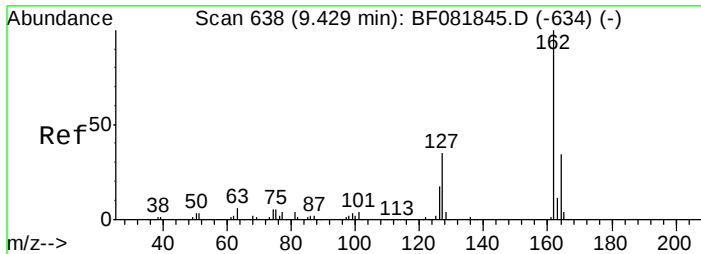
#45
1,1'-Biphenyl
Concen: 58.04 ng
RT: 9.36 min Scan# 632
Delta R.T. -0.05 min
Lab File: BF082018.D
Acq: 3 Oct 2015 11:59

Tgt Ion:154 Resp: 786589
Ion Ratio Lower Upper
154 100



Abundance Ion 154.00 (153.70 to 154.70):
1000000 Ion 153.00 (152.70 to 153.70):
800000 Ion 152.00 (151.70 to 152.70):
600000 Ion 151.00 (150.70 to 151.70):
400000 Ion 150.00 (149.70 to 150.70):
200000 Ion 149.00 (148.70 to 149.70):
0 Ion 148.00 (147.70 to 148.70):

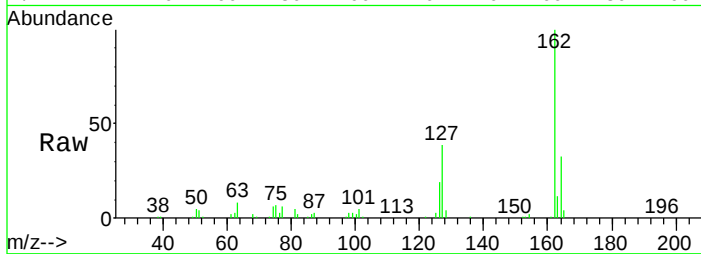




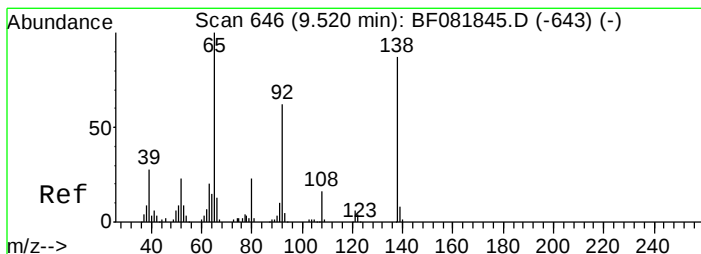
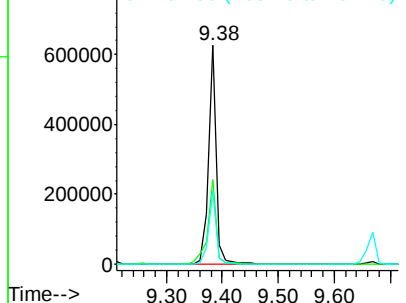
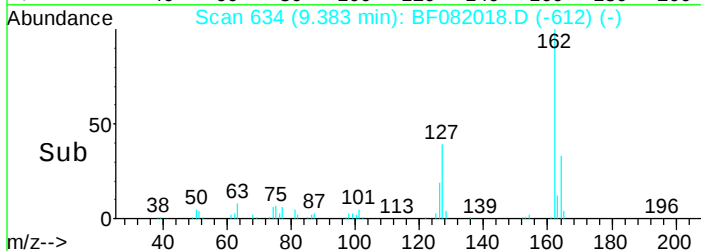
#46
2-Chloronaphthalene
Concen: 56.69 ng
RT: 9.38 min Scan# 634
Delta R.T. -0.05 min
Lab File: BF082018.D
Acq: 3 Oct 2015 11:59

Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MSD

Tgt Ion:162 Resp: 603269
Ion Ratio Lower Upper
162 100
127 38.8 27.6 41.4
164 33.2 25.4 38.2

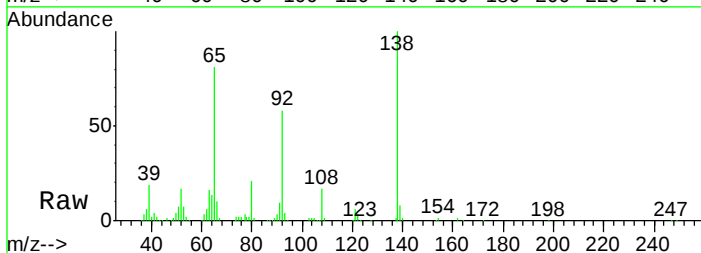


Abundance Ion 162.00 (161.70 to 162.70):
Ion 127.00 (126.70 to 127.70):
Ion 164.00 (163.70 to 164.70):

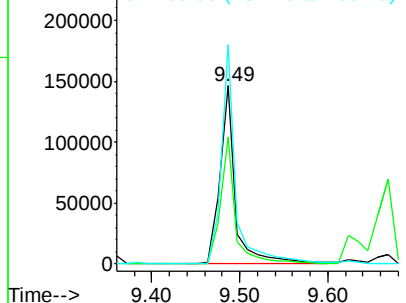
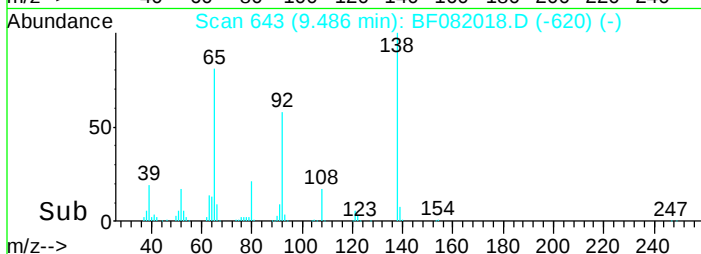


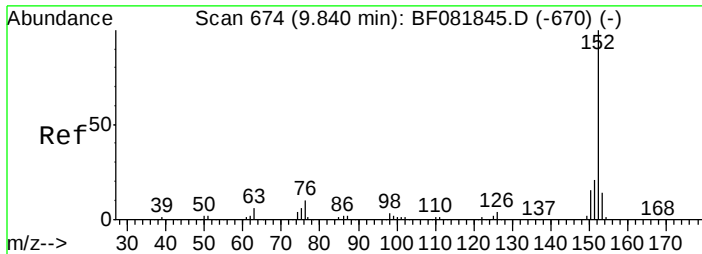
#47
2-Nitroaniline
Concen: 58.04 ng
RT: 9.49 min Scan# 643
Delta R.T. -0.03 min
Lab File: BF082018.D
Acq: 3 Oct 2015 11:59

Tgt Ion: 65 Resp: 181314
Ion Ratio Lower Upper
65 100



Abundance Ion 138.00 (137.70 to 138.70):
Ion 92.00 (91.70 to 92.70):
Ion 123.00 (122.70 to 123.70):

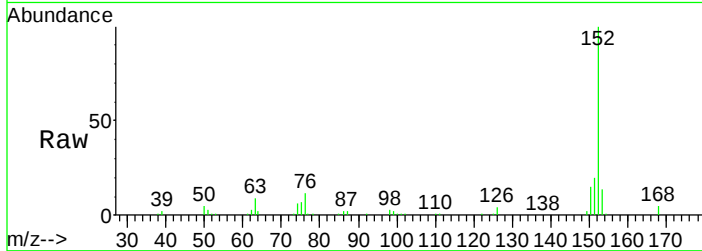




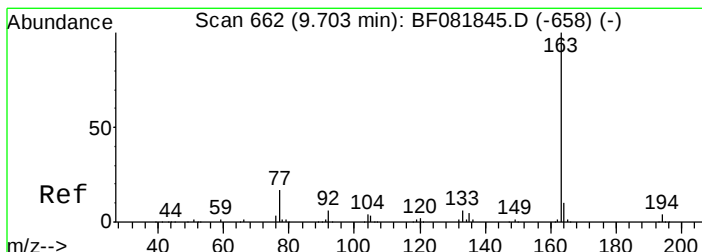
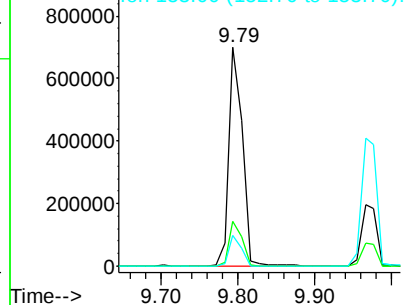
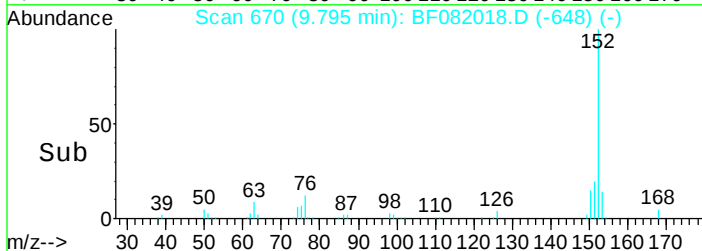
#48
Acenaphthylene
Concen: 51.87 ng
RT: 9.79 min Scan# 670
Delta R.T. -0.05 min
Lab File: BF082018.D
Acq: 3 Oct 2015 11:59

Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MSD

Tgt Ion:152 Resp: 883409
Ion Ratio Lower Upper
152 100
151 20.5 14.6 22.0
153 13.9 10.3 15.5

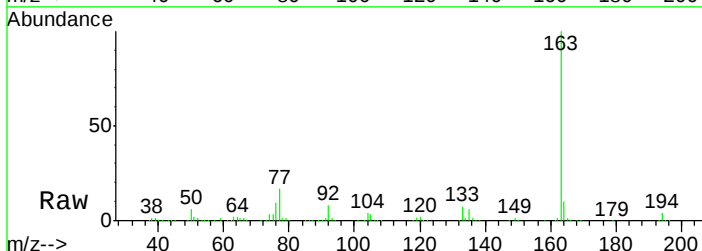


Abundance Ion 152.00 (151.70 to 152.70):
Ion 151.00 (150.70 to 151.70):
Ion 153.00 (152.70 to 153.70):

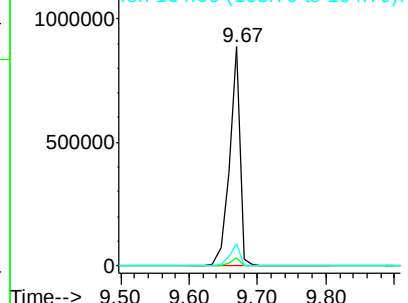
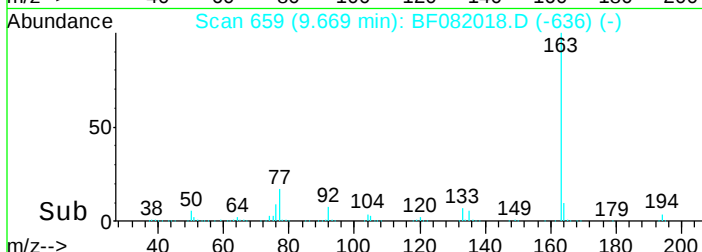


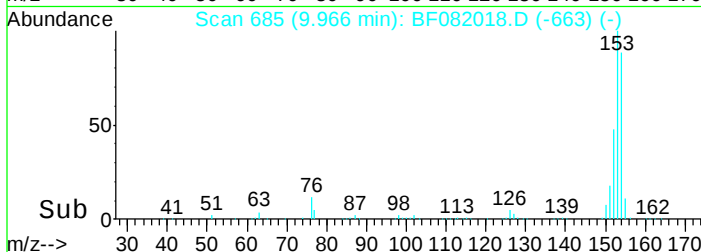
#49
Dimethylphthalate
Concen: 78.93 ng
RT: 9.67 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF082018.D
Acq: 3 Oct 2015 11:59

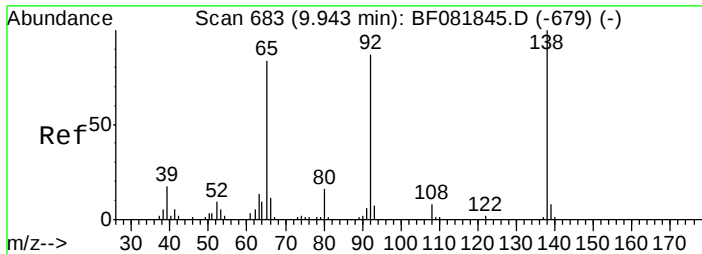
Tgt Ion:163 Resp: 957106
Ion Ratio Lower Upper
163 100
164 3.7 1.4 6.6



Abundance Ion 163.00 (162.70 to 163.70):
Ion 164.00 (163.70 to 164.70):



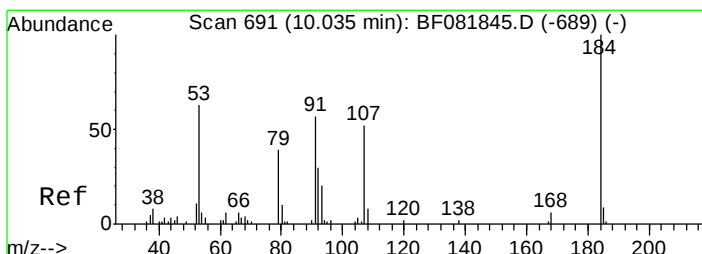
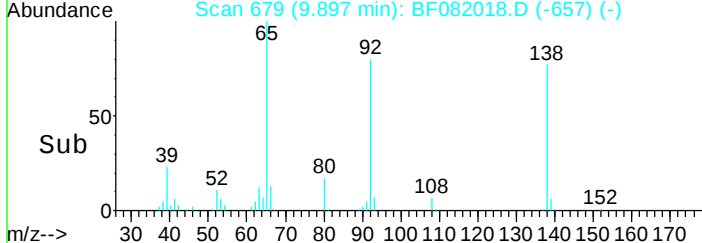
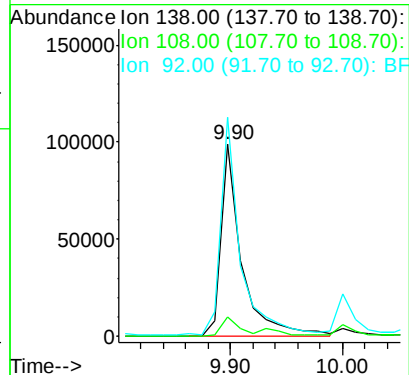
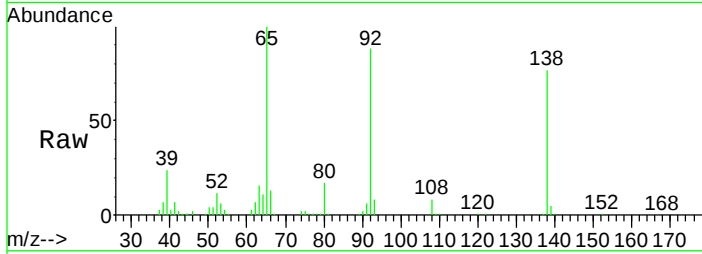




#52
 3-Nitroaniline
 Concen: 41.88 ng
 RT: 9.90 min Scan# 679
 Delta R.T. -0.05 min
 Lab File: BF082018.D
 Acq: 3 Oct 2015 11:59

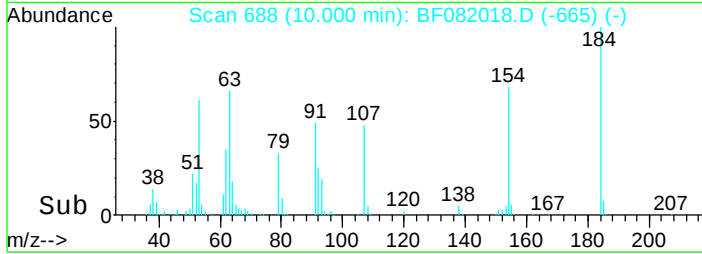
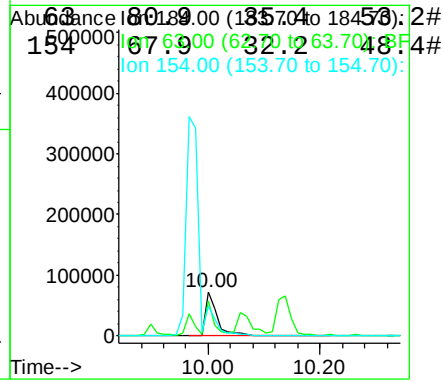
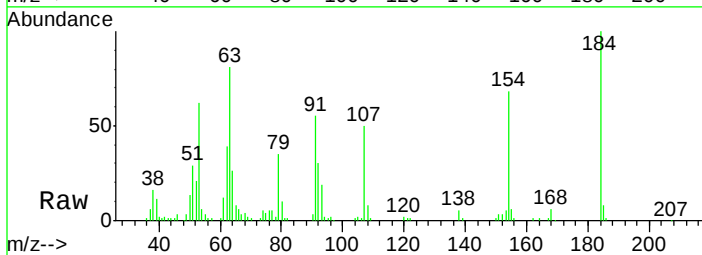
Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MSD

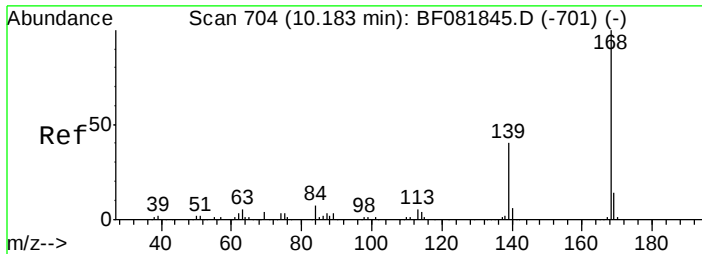
Tgt Ion:138 Resp: 127575
 Ion Ratio Lower Upper
 138 100
 108 10.0 5.7 8.5#
 92 114.2 67.7 101.5#



#53
 2,4-Dinitrophenol
 Concen: 81.65 ng
 RT: 10.00 min Scan# 688
 Delta R.T. -0.03 min
 Lab File: BF082018.D
 Acq: 3 Oct 2015 11:59

Tgt Ion:184 Resp: 106232
 Ion Ratio Lower Upper
 184 100

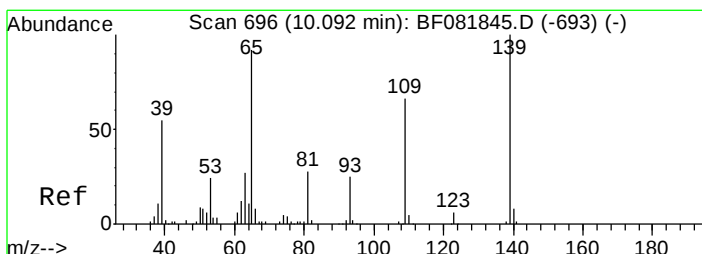
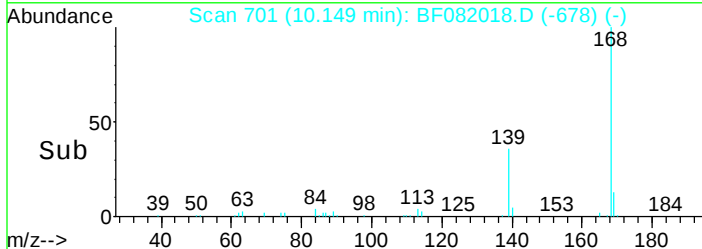
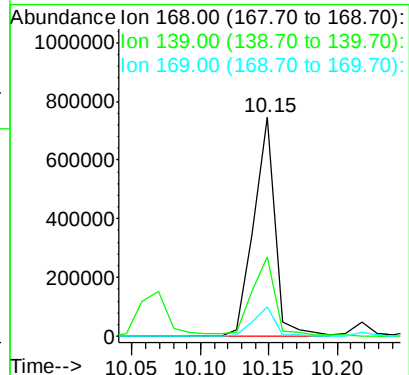
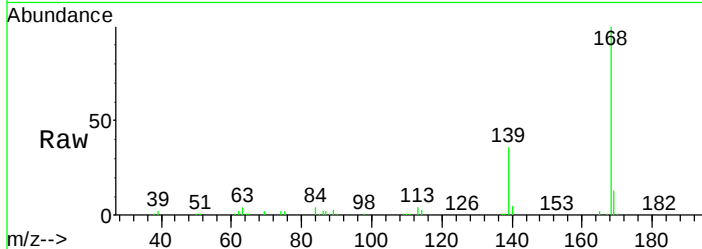




#54
 Dibenzenofuran
 Concen: 57.89 ng
 RT: 10.15 min Scan# 701
 Delta R.T. -0.03 min
 Lab File: BF082018.D
 Acq: 3 Oct 2015 11:59

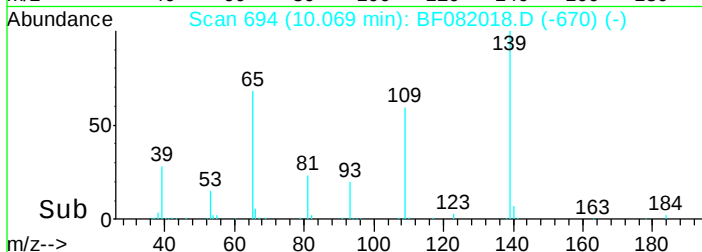
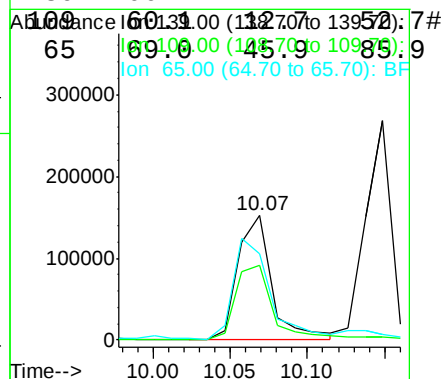
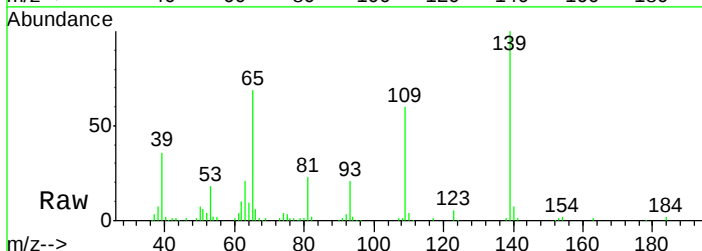
Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MSD

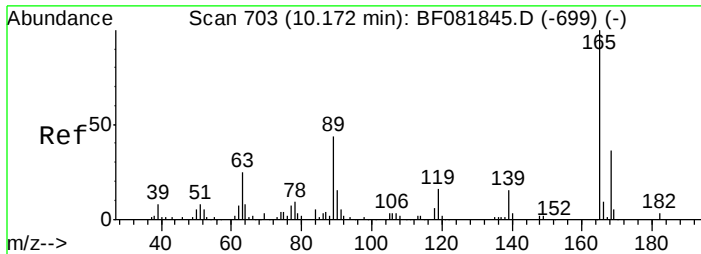
Tgt Ion:168 Resp: 827418
 Ion Ratio Lower Upper
 168 100
 139 35.9 24.2 36.2
 169 13.3 10.6 15.8



#55
 4-Nitrophenol
 Concen: 106.85 ng
 RT: 10.07 min Scan# 694
 Delta R.T. -0.02 min
 Lab File: BF082018.D
 Acq: 3 Oct 2015 11:59

Tgt Ion:139 Resp: 235153
 Ion Ratio Lower Upper
 139 100

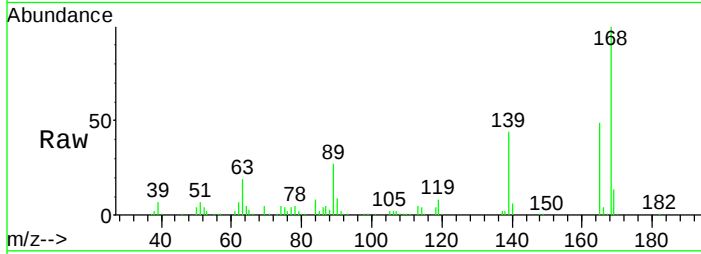




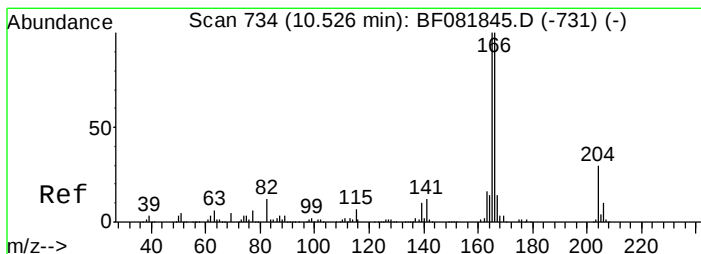
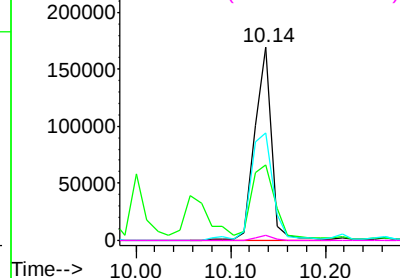
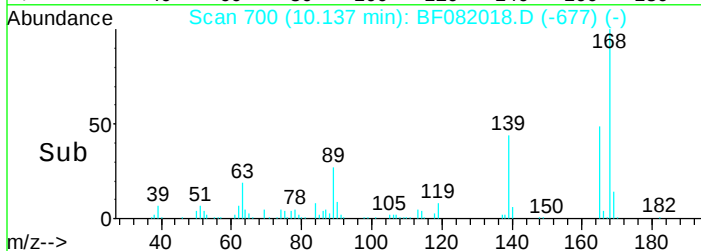
#56
2,4-Dinitrotoluene
Concen: 61.72 ng
RT: 10.14 min Scan# 700
Delta R.T. -0.03 min
Lab File: BF082018.D
Acq: 3 Oct 2015 11:59

Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MSD

Tgt Ion:165 Resp: 207136
Ion Ratio Lower Upper
165 100
63 39.3 29.8 44.6
89 55.5 44.5 66.7

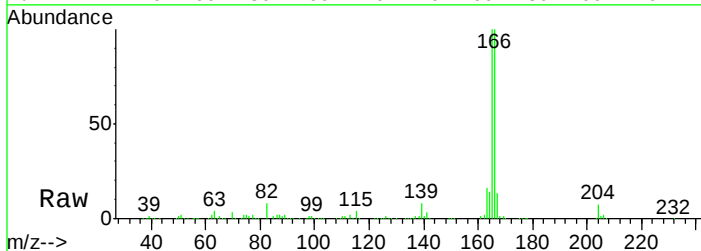


Abundance Ion 165.00 (163.70 to 165.74): 4#
Ion 63.00 (62.70 to 63.70): BF
Ion 89.00 (88.70 to 89.70): BF
Ion 182.00 (181.70 to 182.70):

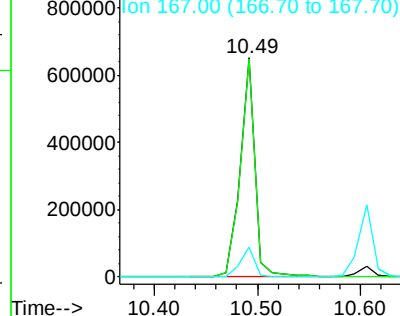
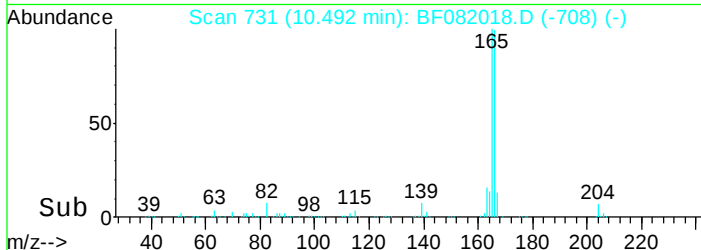


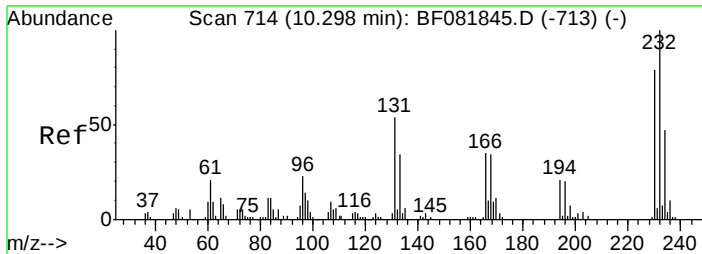
#57
Fluorene
Concen: 66.31 ng
RT: 10.49 min Scan# 731
Delta R.T. -0.03 min
Lab File: BF082018.D
Acq: 3 Oct 2015 11:59

Tgt Ion:166 Resp: 667515
Ion Ratio Lower Upper
166 100



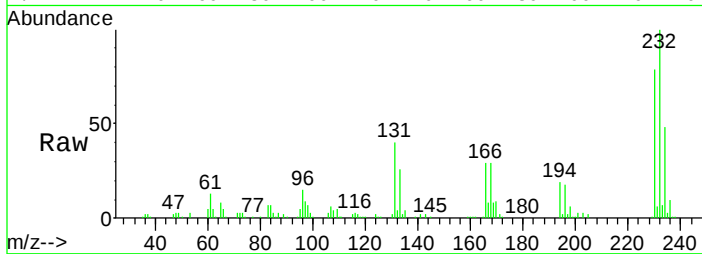
Abundance Ion 166.00 (164.70 to 167.00): 0
Ion 167.00 (166.70 to 167.70): 0
Ion 165.00 (163.70 to 165.74): 0
Ion 167.00 (166.70 to 167.70):



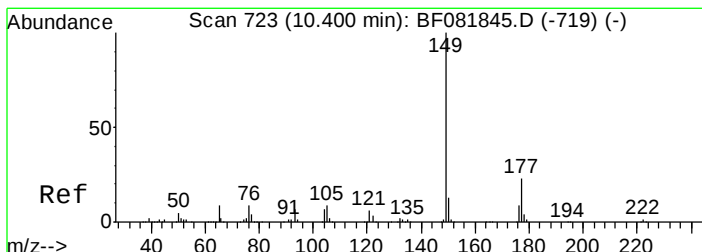
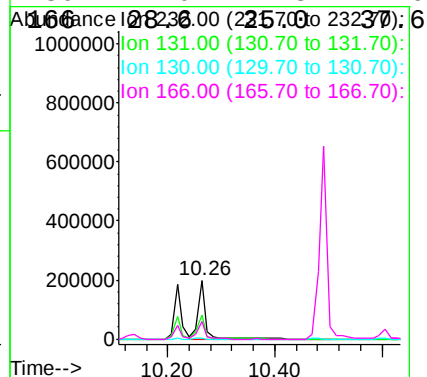
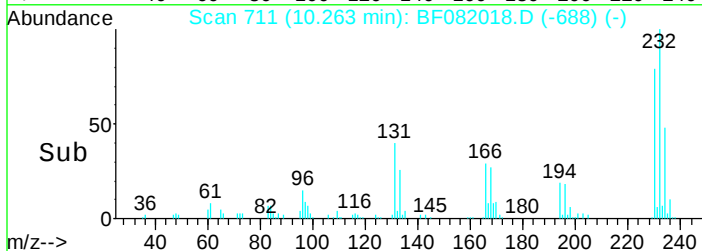


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 63.75 ng
 RT: 10.26 min Scan# 711
 Delta R.T. -0.03 min
 Lab File: BF082018.D
 Acq: 3 Oct 2015 11:59

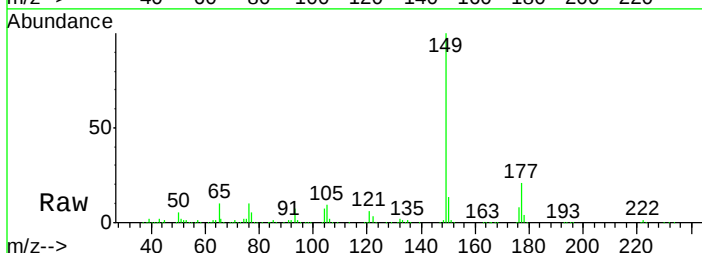
Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MSD



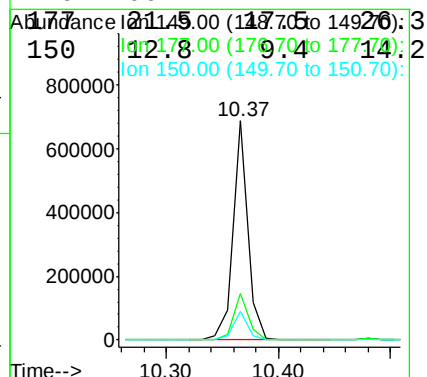
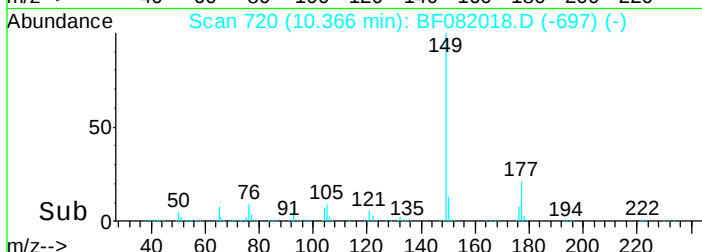
Tgt Ion:232 Resp: 192269
 Ion Ratio Lower Upper
 232 100
 131 42.8 38.5 57.7
 130 2.0 1.8 2.6

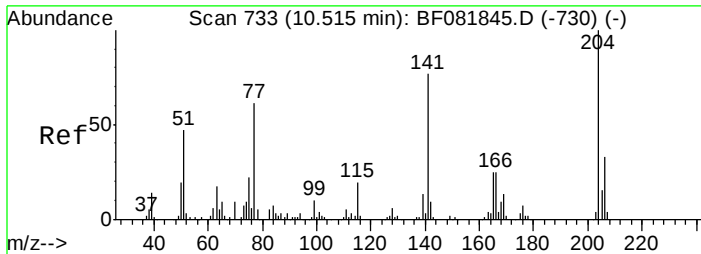


#59
 Diethylphthalate
 Concen: 56.00 ng
 RT: 10.37 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF082018.D
 Acq: 3 Oct 2015 11:59



Tgt Ion:149 Resp: 634304
 Ion Ratio Lower Upper
 149 100

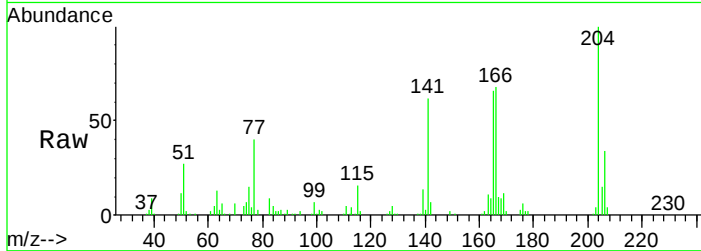




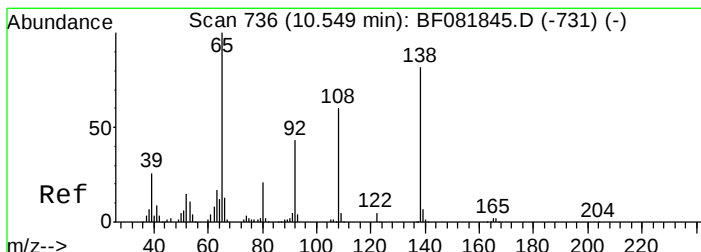
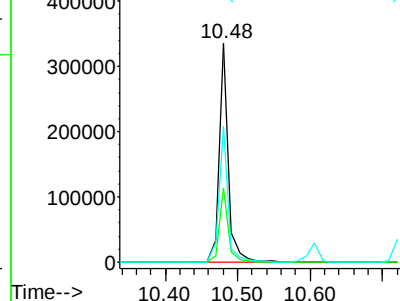
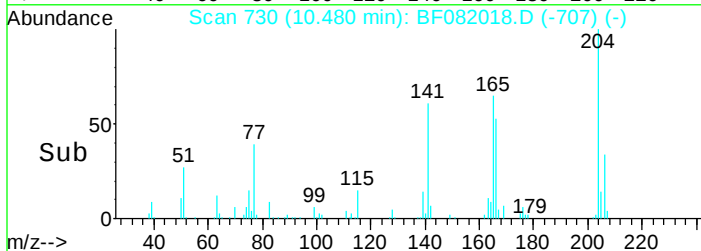
#60
 4-Chlorophenyl-phenylether
 Concen: 57.82 ng
 RT: 10.48 min Scan# 730
 Delta R.T. -0.03 min
 Lab File: BF082018.D
 Acq: 3 Oct 2015 11:59

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MSD

Tgt Ion:204 Resp: 302595
 Ion Ratio Lower Upper
 204 100
 206 33.9 24.8 37.2
 141 62.1 42.2 63.4

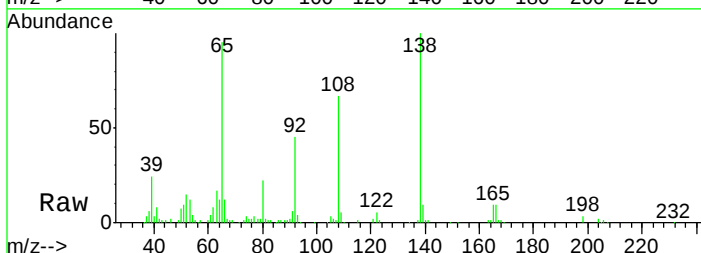


Abundance Ion 204.00 (203.70 to 204.70):
 Ion 206.00 (205.70 to 206.70):
 Ion 141.00 (140.70 to 141.70):

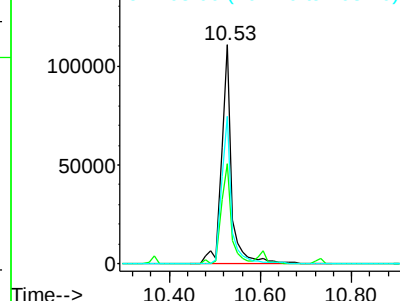
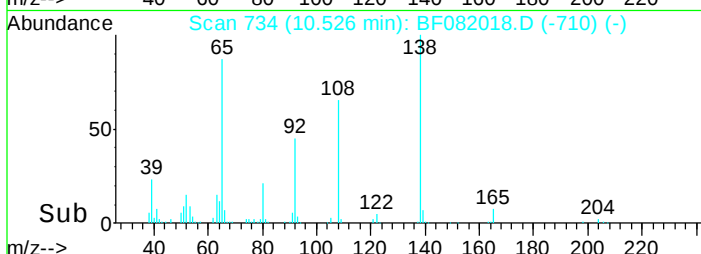


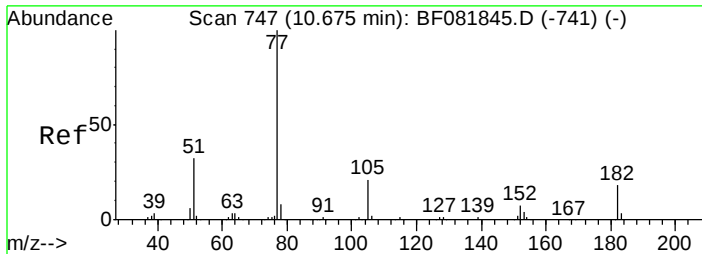
#61
 4-Nitroaniline
 Concen: 54.78 ng
 RT: 10.53 min Scan# 734
 Delta R.T. -0.02 min
 Lab File: BF082018.D
 Acq: 3 Oct 2015 11:59

Tgt Ion:138 Resp: 167278
 Ion Ratio Lower Upper
 138 100



Abundance Ion 138.00 (137.70 to 138.30):
 Ion 108.00 (107.70 to 108.30):
 Ion 92.00 (91.70 to 92.30):
 Ion 67.20 (66.90 to 67.50):

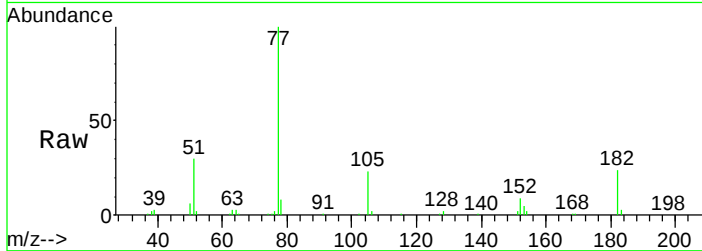




#62
Azobenzene
Concen: 59.54 ng
RT: 10.64 min Scan# 744
Delta R.T. -0.03 min
Lab File: BF082018.D
Acq: 3 Oct 2015 11:59

Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MSD

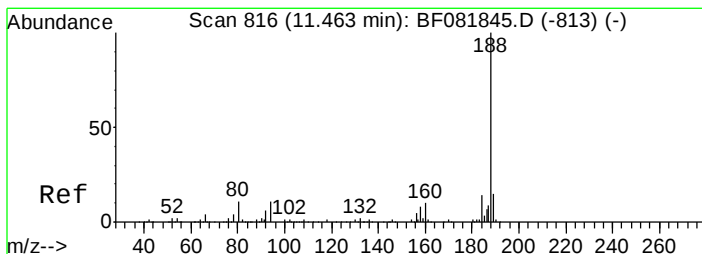
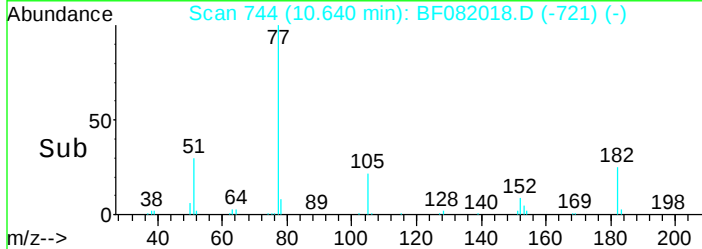
Tgt Ion: 77 Resp: 658186
Ion Ratio Lower Upper
77 100
182 24.5 15.1 55.1
105 23.0 3.4 43.4



Abundance

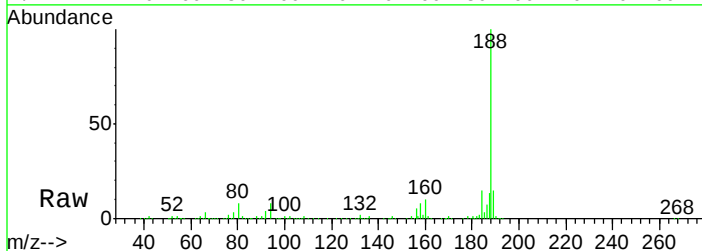
Scan 744 (10.640 min): BF082018.D (-721) (-)

Time-->



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF082018.D
Acq: 3 Oct 2015 11:59

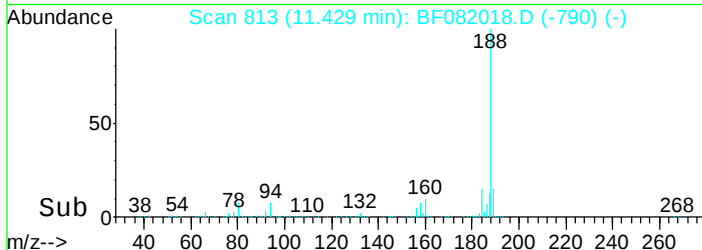
Tgt Ion: 188 Resp: 356840
Ion Ratio Lower Upper
188 100

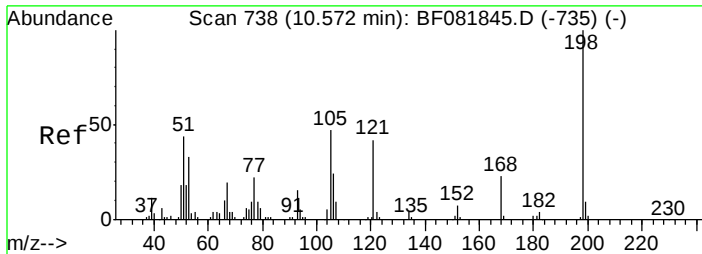


Abundance

Scan 813 (11.429 min): BF082018.D (-790) (-)

Time-->

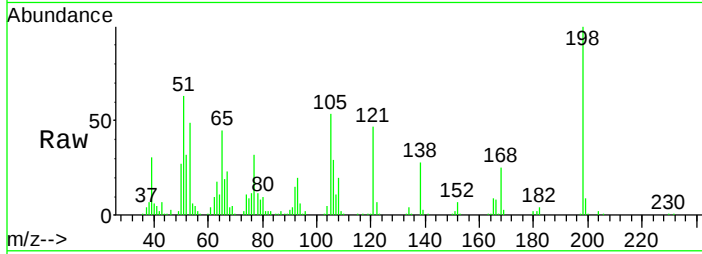




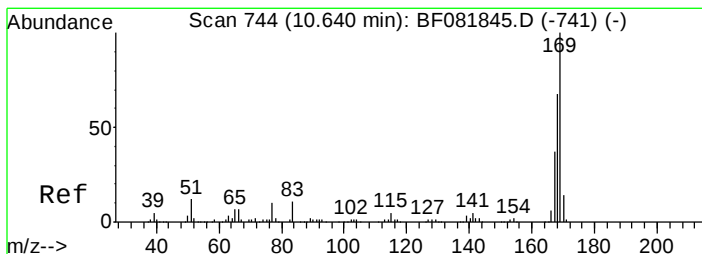
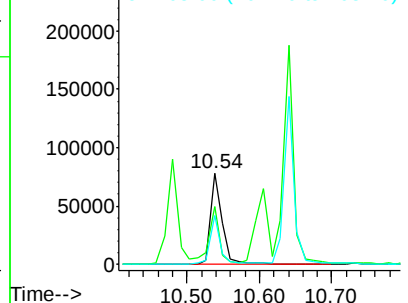
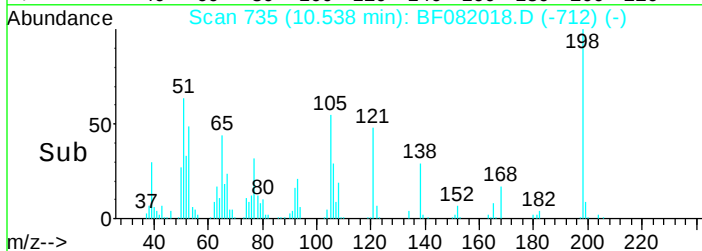
#64
 4,6-Dinitro-2-methylphenol
 Concen: 53.28 ng
 RT: 10.54 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF082018.D
 Acq: 3 Oct 2015 11:59

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MSD

Tgt Ion:198 Resp: 88517
 Ion Ratio Lower Upper
 198 100
 51 63.2 39.6 79.6
 105 53.6 28.5 68.5

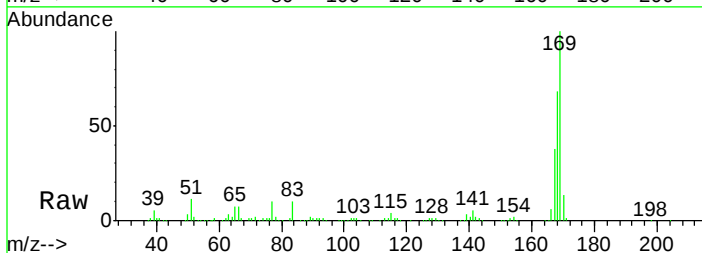


Abundance Ion 198.00 (197.70 to 198.70):
 Ion 51.00 (50.70 to 51.70): BF
 Ion 105.00 (104.70 to 105.70):

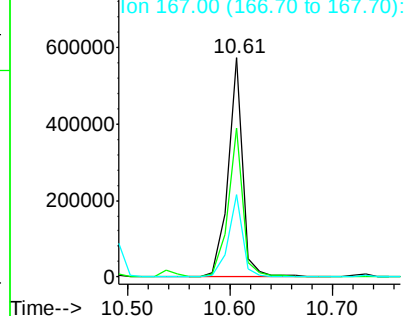
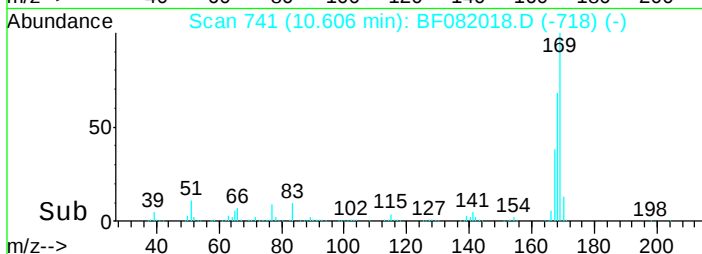


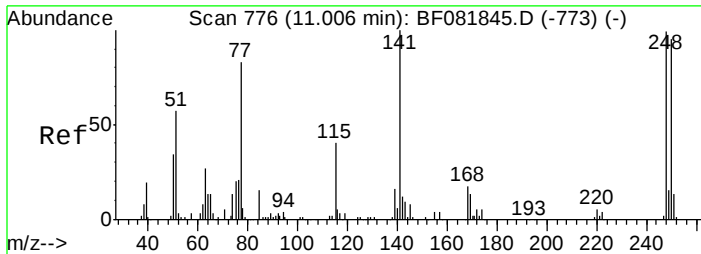
#65
 n-Nitrosodiphenylamine
 Concen: 52.40 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.03 min
 Lab File: BF082018.D
 Acq: 3 Oct 2015 11:59

Tgt Ion:169 Resp: 565742
 Ion Ratio Lower Upper
 169 100



Abundance Ion 169.00 (168.70 to 169.70): 3
 Ion 167.00 (166.70 to 167.70): 3
 Ion 168.00 (167.70 to 168.70): 3
 Ion 166.00 (165.70 to 166.70): 3

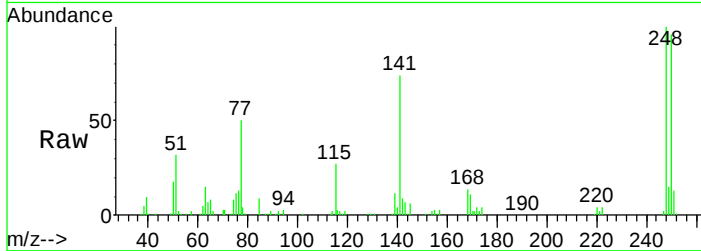




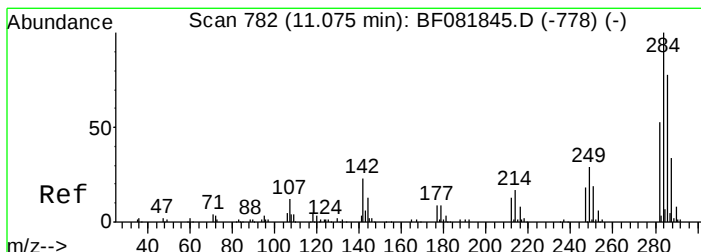
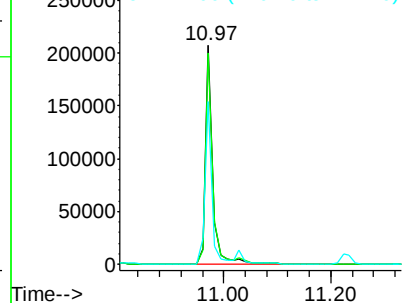
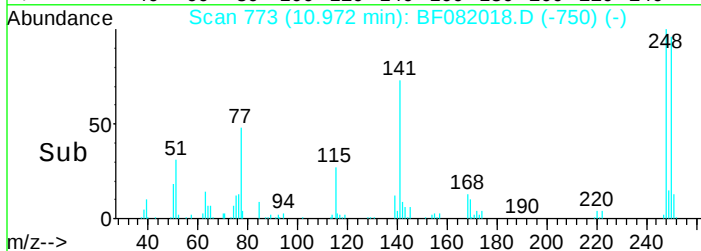
#66
 4-Bromophenyl-phenylether
 Concen: 55.99 ng
 RT: 10.97 min Scan# 773
 Delta R.T. -0.03 min
 Lab File: BF082018.D
 Acq: 3 Oct 2015 11:59

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MSD

Tgt Ion:248 Resp: 201436
 Ion Ratio Lower Upper
 248 100
 250 96.3 78.5 117.7
 141 73.9 59.0 88.6

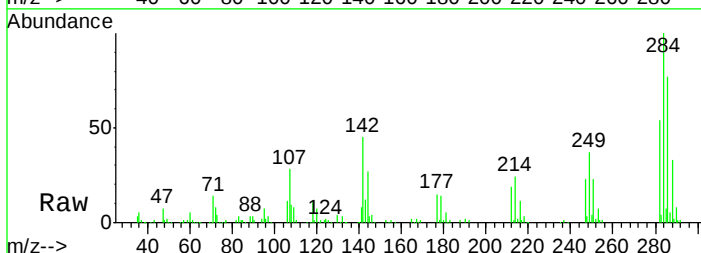


Abundance Ion 248.00 (247.70 to 248.70):
 Ion 250.00 (249.70 to 250.70):
 Ion 141.00 (140.70 to 141.70):

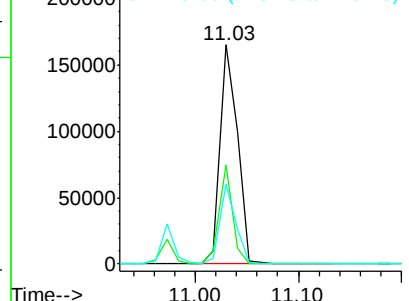
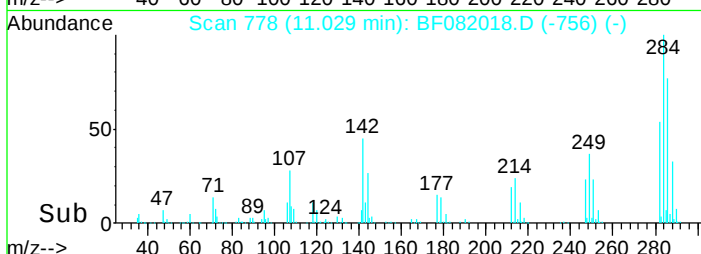


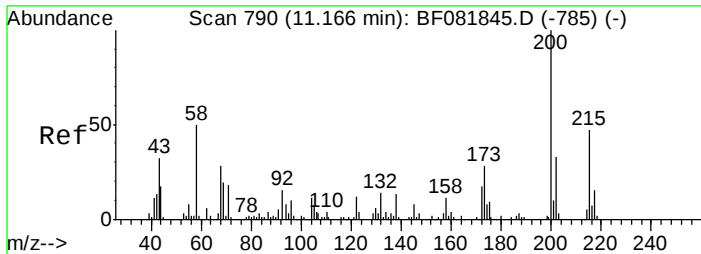
#67
 Hexachlorobenzene
 Concen: 47.42 ng
 RT: 11.03 min Scan# 778
 Delta R.T. -0.05 min
 Lab File: BF082018.D
 Acq: 3 Oct 2015 11:59

Tgt Ion:284 Resp: 192572
 Ion Ratio Lower Upper
 284 100



Abundance Ion 284.00 (283.70 to 284.70):
 Ion 142.00 (141.70 to 142.70):
 Ion 249.00 (248.70 to 249.70):





#68

Atrazine

Concen: 51.34 ng

RT: 11.13 min Scan# 787

Delta R.T. -0.03 min

Lab File: BF082018.D

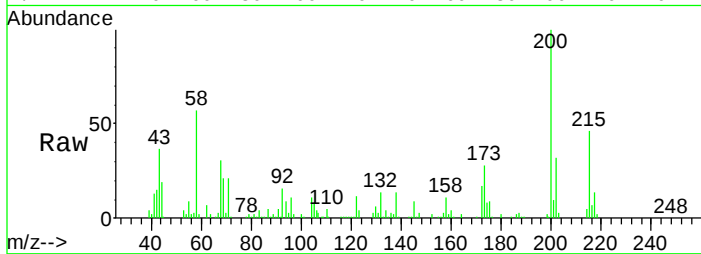
Acq: 3 Oct 2015 11:59

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01MSD



Tgt Ion:200 Resp: 171969

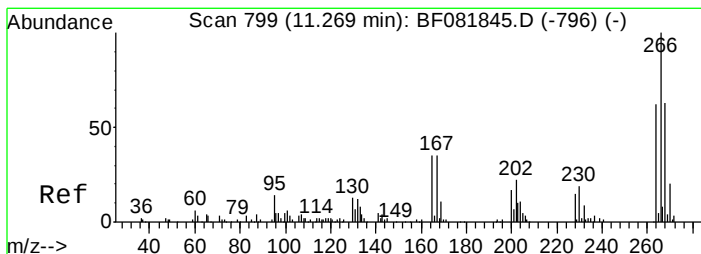
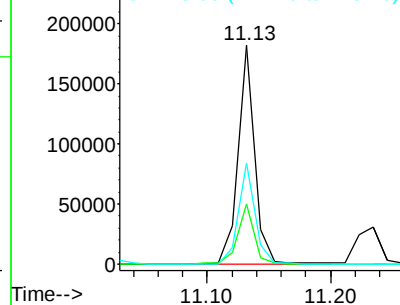
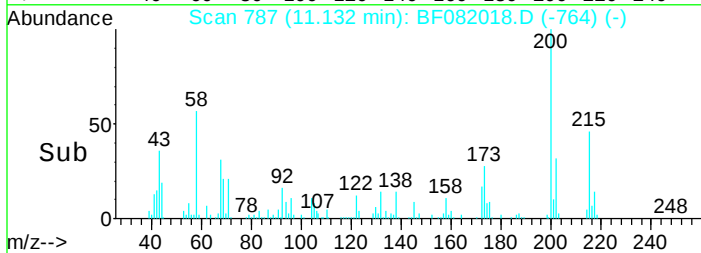
Ion Ratio Lower Upper

200 100

173 27.7 13.2 53.2

215 46.2 41.8 81.8

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



#69

Pentachlorophenol

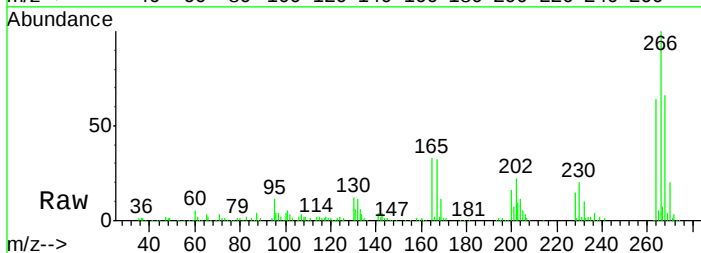
Concen: 101.26 ng

RT: 11.23 min Scan# 796

Delta R.T. -0.03 min

Lab File: BF082018.D

Acq: 3 Oct 2015 11:59

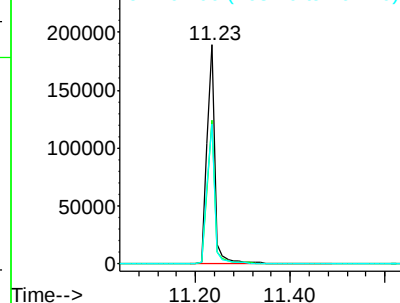
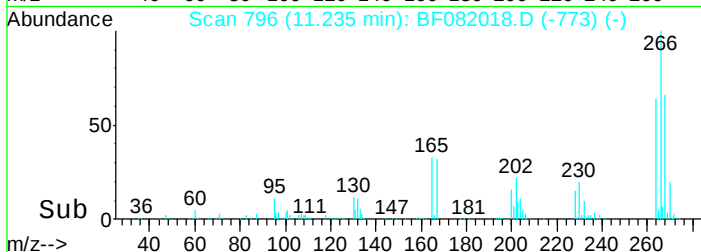


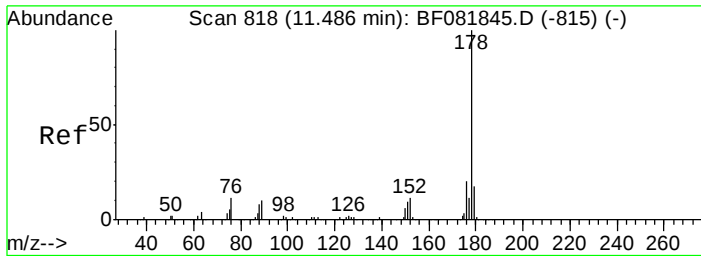
Tgt Ion:266 Resp: 234281

Ion Ratio Lower Upper

266 100

Abundance Ion 266.00 (265.70 to 266.70):
Ion 264.00 (263.70 to 264.70):

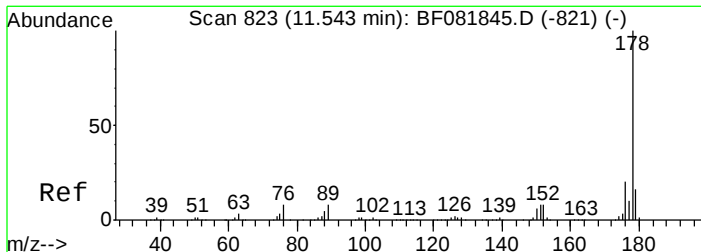
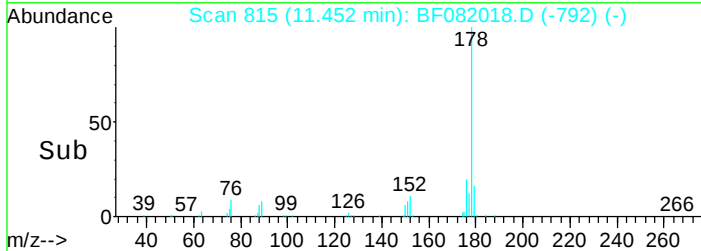
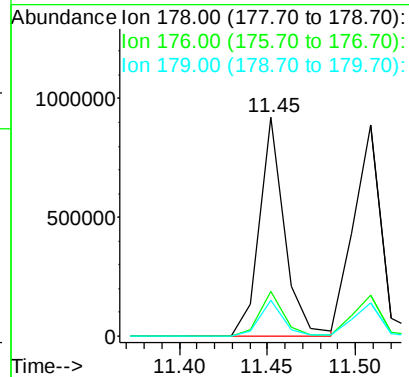
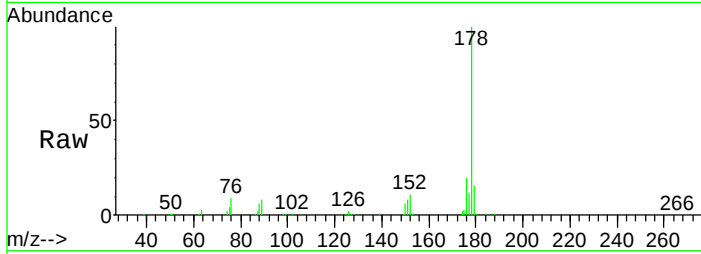




#70
Phenanthrene
Concen: 53.19 ng
RT: 11.45 min Scan# 815
Delta R.T. -0.03 min
Lab File: BF082018.D
Acq: 3 Oct 2015 11:59

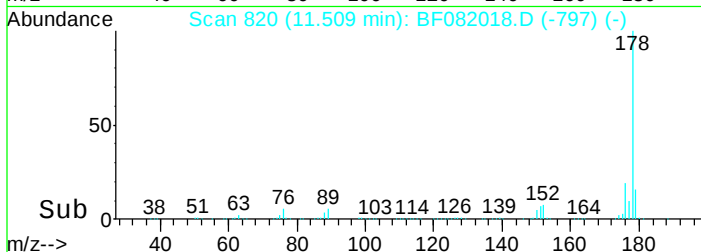
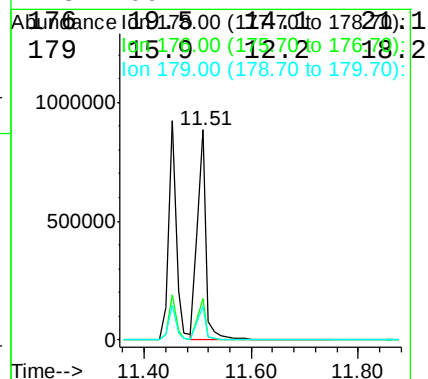
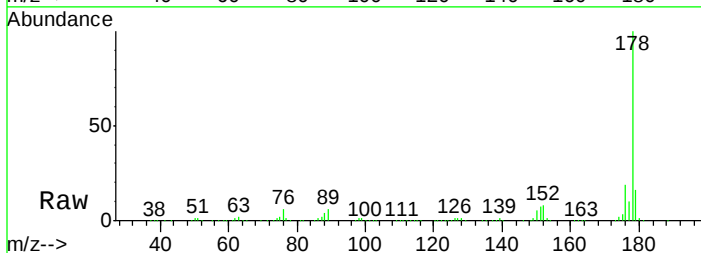
Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MSD

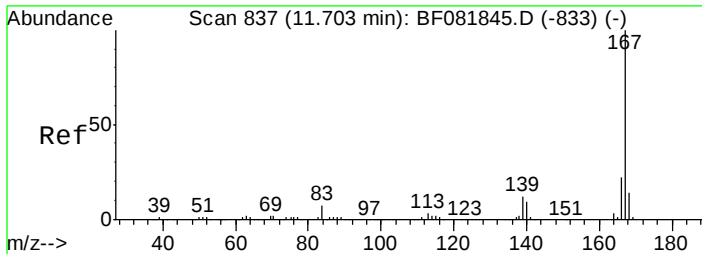
Tgt Ion:178 Resp: 908238
Ion Ratio Lower Upper
178 100
176 20.4 13.8 20.8
179 16.2 12.2 18.2



#71
Anthracene
Concen: 56.58 ng
RT: 11.51 min Scan# 820
Delta R.T. -0.03 min
Lab File: BF082018.D
Acq: 3 Oct 2015 11:59

Tgt Ion:178 Resp: 1026178
Ion Ratio Lower Upper
178 100
176 19.5 14.1 24.1
179 15.9 12.2 18.2

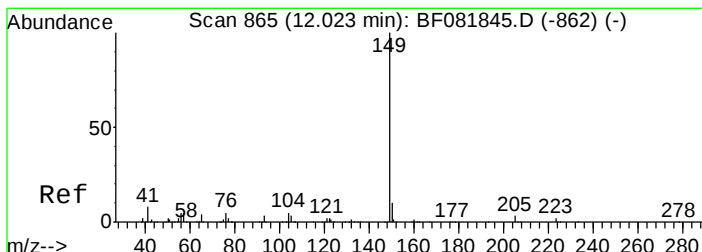
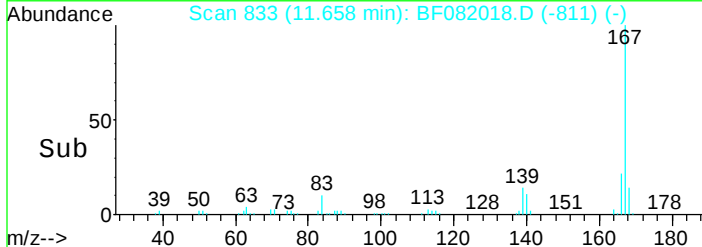
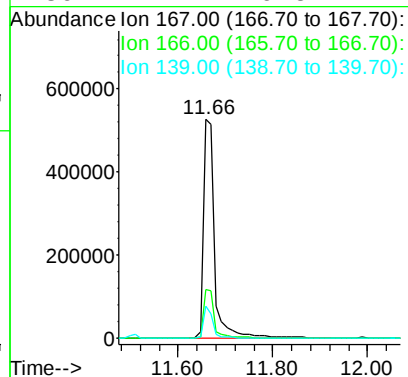
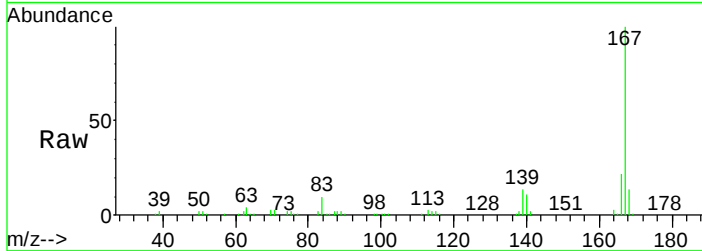




#72
 Carbazole
 Concen: 54.09 ng
 RT: 11.66 min Scan# 833
 Delta R.T. -0.05 min
 Lab File: BF082018.D
 Acq: 3 Oct 2015 11:59

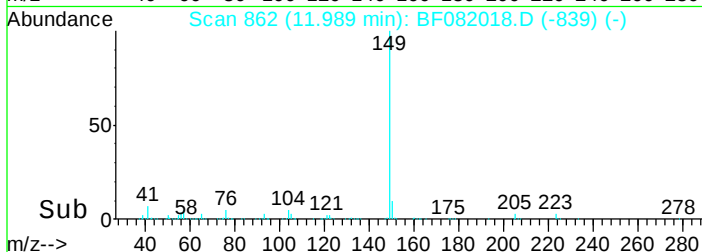
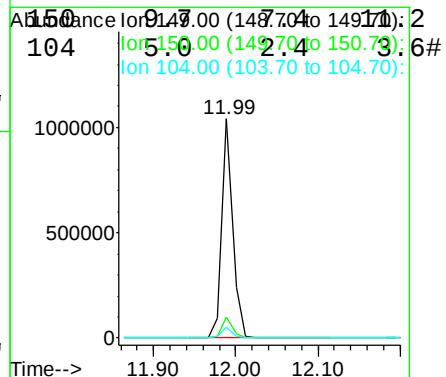
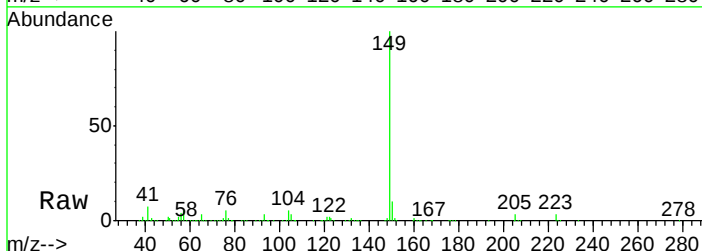
Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MSD

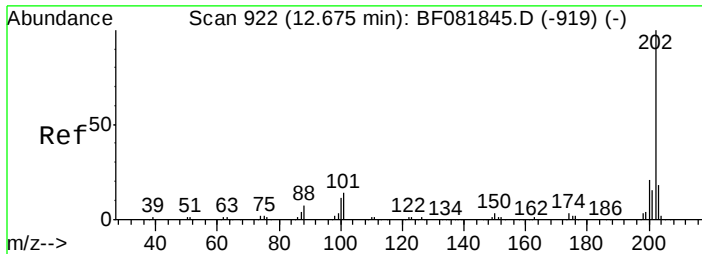
Tgt Ion:167 Resp: 887860
 Ion Ratio Lower Upper
 167 100
 166 22.0 15.7 23.5
 139 14.4 9.5 14.3#



#73
 Di-n-butylphthalate
 Concen: 57.55 ng
 RT: 11.99 min Scan# 862
 Delta R.T. -0.03 min
 Lab File: BF082018.D
 Acq: 3 Oct 2015 11:59

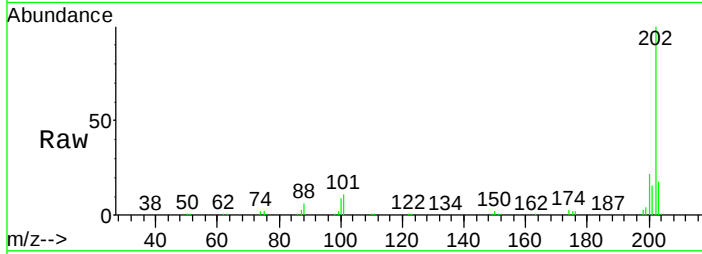
Tgt Ion:149 Resp: 955991
 Ion Ratio Lower Upper
 149 100





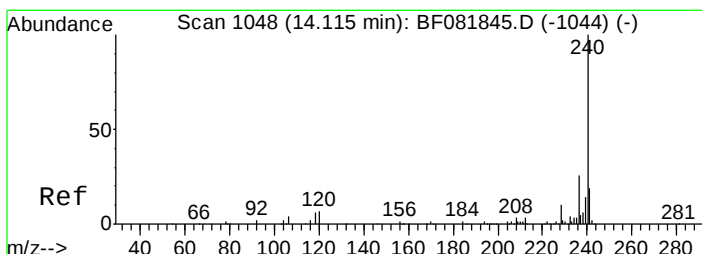
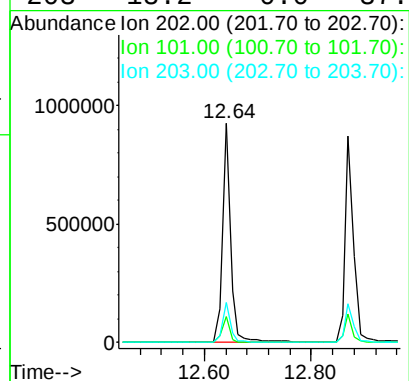
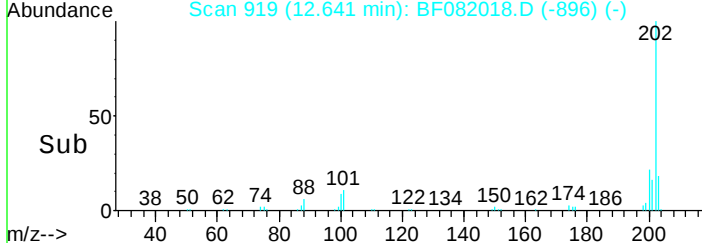
#74
 Fluoranthene
 Concen: 49.98 ng
 RT: 12.64 min Scan# 919
 Delta R.T. -0.03 min
 Lab File: BF082018.D
 Acq: 3 Oct 2015 11:59

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MSD

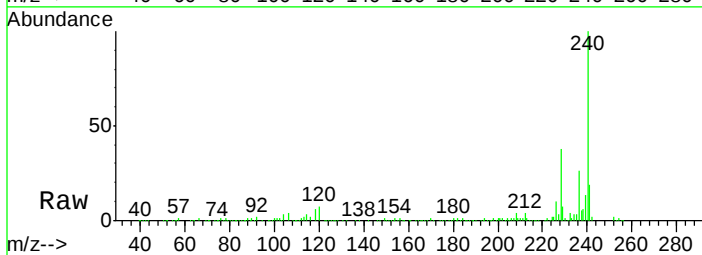


Tgt Ion: 202 Resp: 955421

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	38.3
203	18.2	0.0	37.3

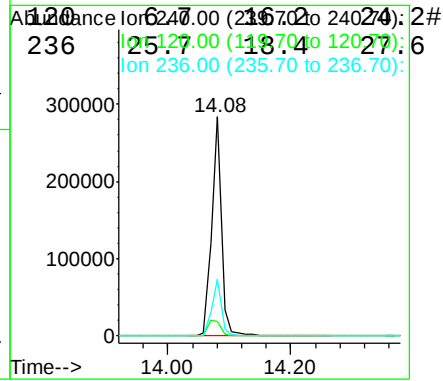
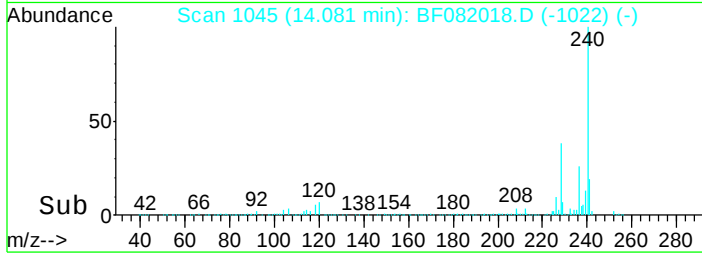


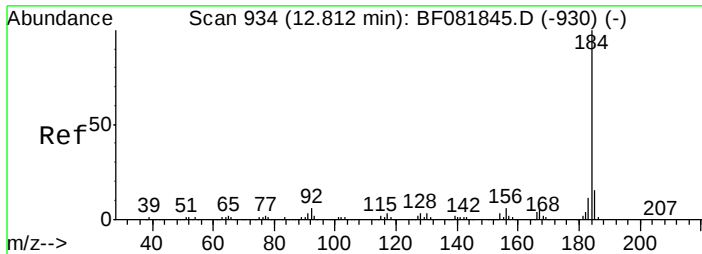
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.08 min Scan# 1045
 Delta R.T. -0.03 min
 Lab File: BF082018.D
 Acq: 3 Oct 2015 11:59



Tgt Ion: 240 Resp: 316372

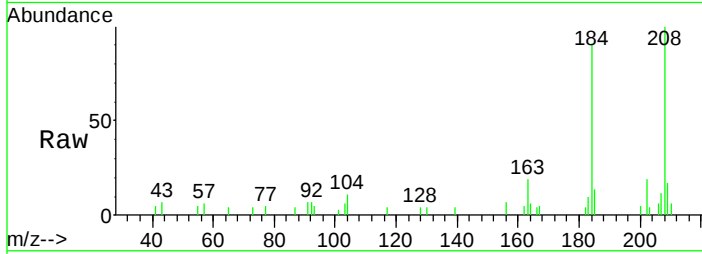
Ion	Ratio	Lower	Upper
240	100		



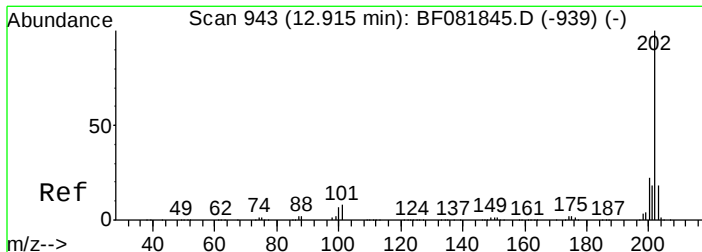
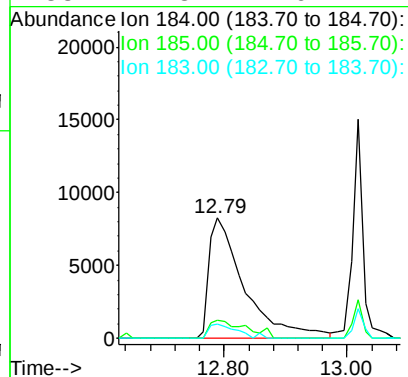
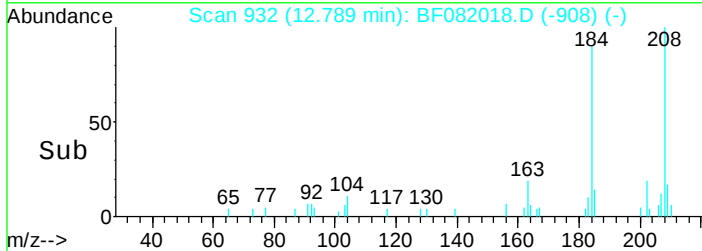


#76
Benzidine
Concen: 3.47 ng
RT: 12.79 min Scan# 932
Delta R.T. -0.02 min
Lab File: BF082018.D
Acq: 3 Oct 2015 11:59

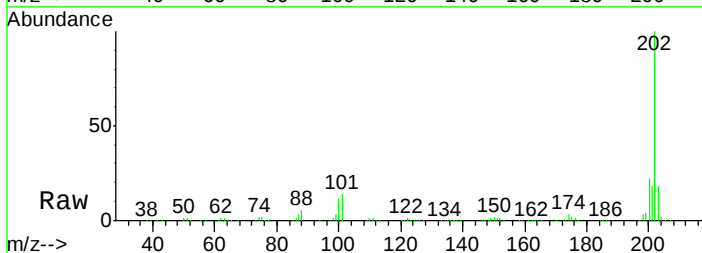
Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MSD



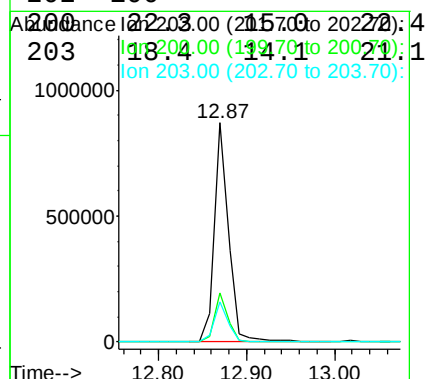
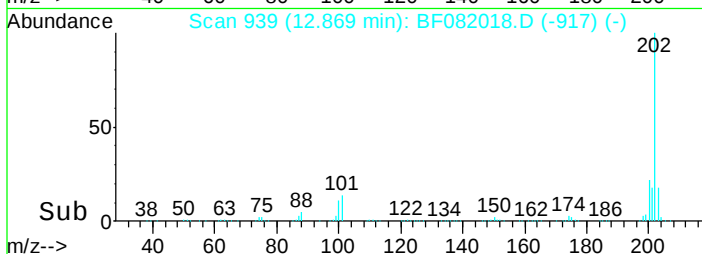
Tgt Ion:184 Resp: 33038
Ion Ratio Lower Upper
184 100
185 15.1 11.8 17.6
183 11.3 7.6 11.4

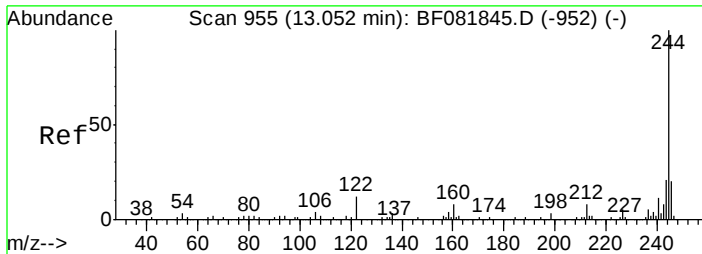


#77
Pyrene
Concen: 51.79 ng
RT: 12.87 min Scan# 939
Delta R.T. -0.05 min
Lab File: BF082018.D
Acq: 3 Oct 2015 11:59



Tgt Ion:202 Resp: 978860
Ion Ratio Lower Upper
202 100

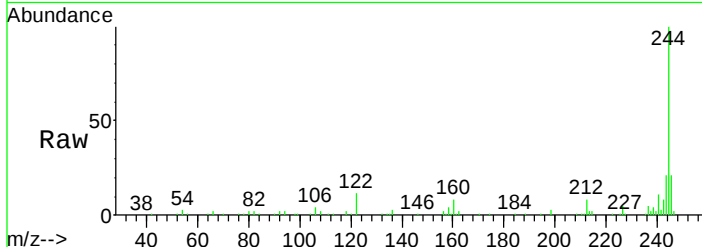




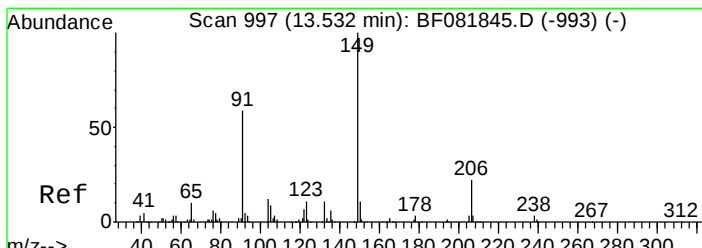
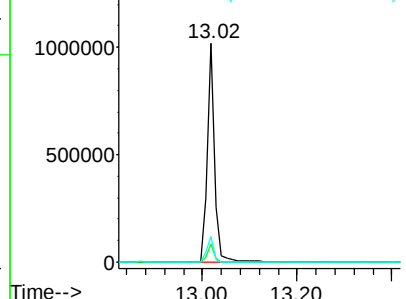
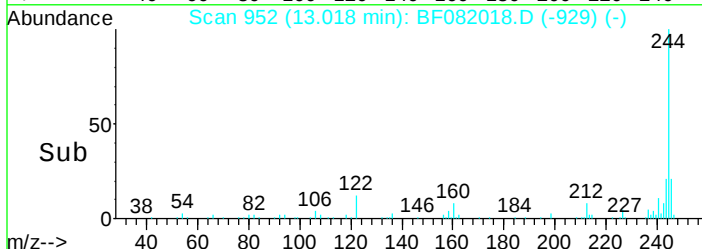
#78
 Terphenyl-d14
 Concen: 146.10 ng
 RT: 13.02 min Scan# 952
 Delta R.T. -0.03 min
 Lab File: BF082018.D
 Acq: 3 Oct 2015 11:59

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MSD

Tgt Ion:244 Resp: 1158354
 Ion Ratio Lower Upper
 244 100
 212 7.9 4.3 6.5#
 122 11.5 17.4 26.2#

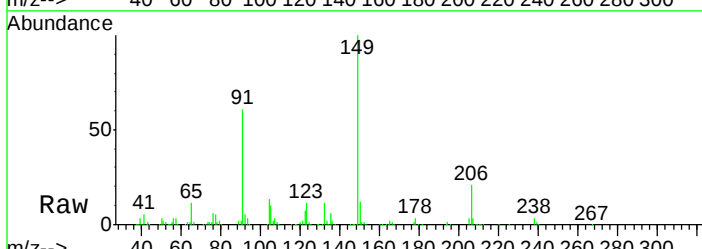


Abundance Ion 244.00 (243.70 to 244.70):
 Ion 212.00 (211.70 to 212.70):
 Ion 122.00 (121.70 to 122.70):

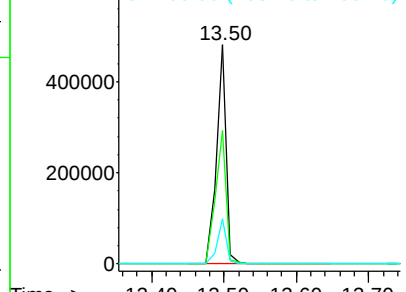
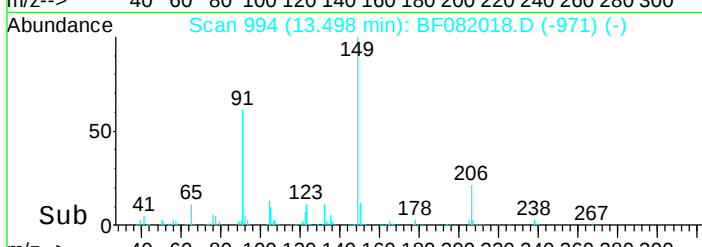


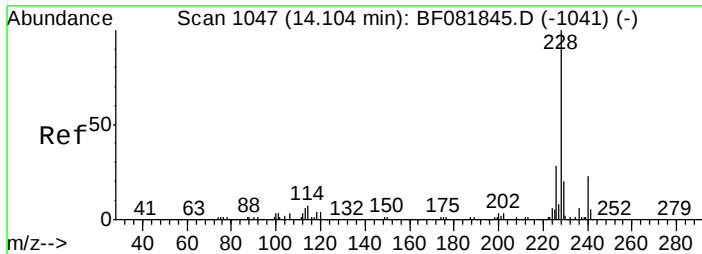
#79
 Butylbenzylphthalate
 Concen: 65.93 ng
 RT: 13.50 min Scan# 994
 Delta R.T. -0.03 min
 Lab File: BF082018.D
 Acq: 3 Oct 2015 11:59

Tgt Ion:149 Resp: 468893
 Ion Ratio Lower Upper
 149 100



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

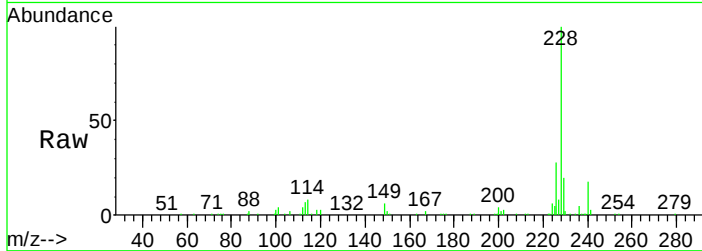




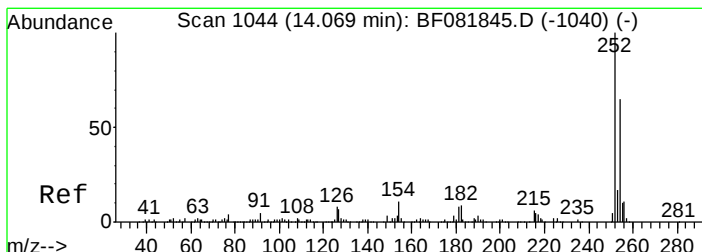
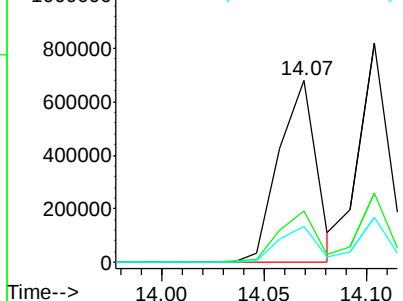
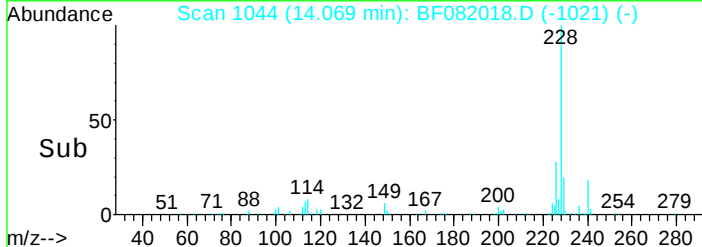
#80
 Benzo(a)anthracene
 Concen: 50.14 ng
 RT: 14.07 min Scan# 1044
 Delta R.T. -0.03 min
 Lab File: BF082018.D
 Acq: 3 Oct 2015 11:59

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MSD

Tgt Ion:228 Resp: 854213
 Ion Ratio Lower Upper
 228 100
 226 28.0 20.0 30.0
 229 20.0 15.4 23.2

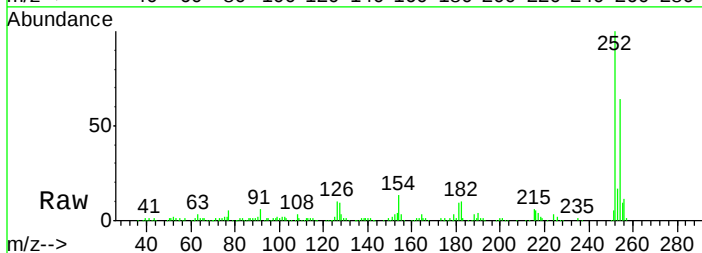


Abundance Ion 228.00 (227.70 to 228.70):
 Ion 226.00 (225.70 to 226.70):
 Ion 229.00 (228.70 to 229.70):

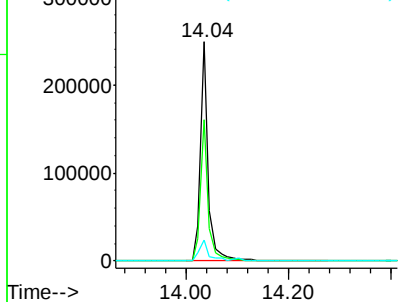
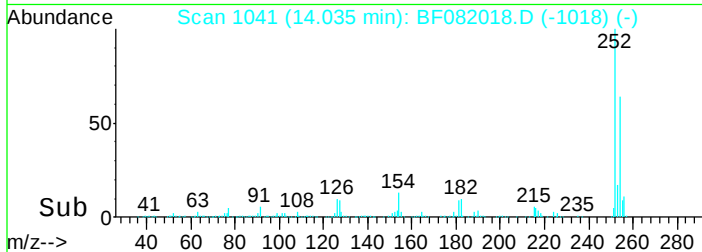


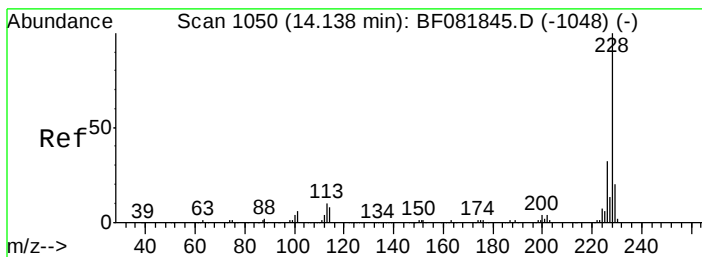
#81
 3,3'-Dichlorobenzidine
 Concen: 46.68 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF082018.D
 Acq: 3 Oct 2015 11:59

Tgt Ion:252 Resp: 268588
 Ion Ratio Lower Upper
 252 100
 254 6.4 5.1 7.7
 126 9.8 9.8 9.8



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

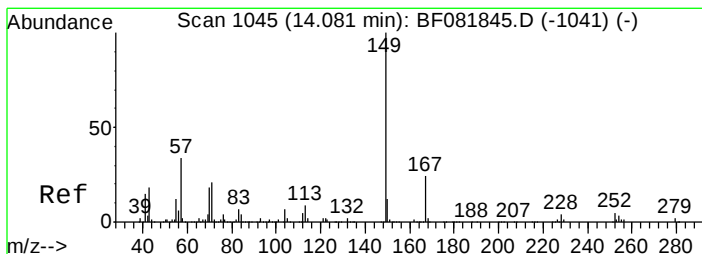
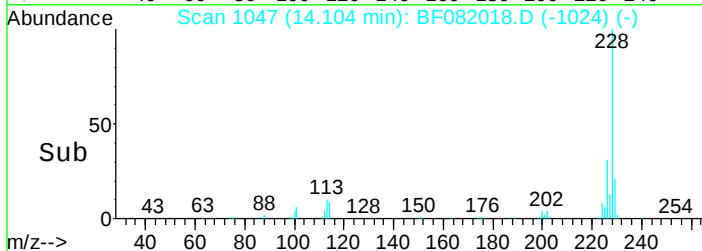
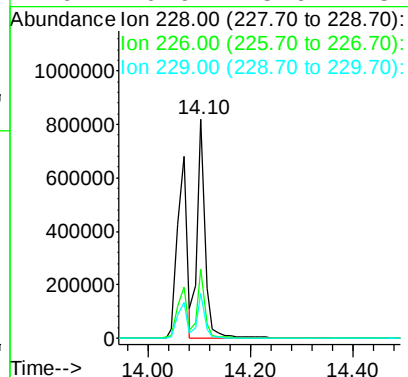
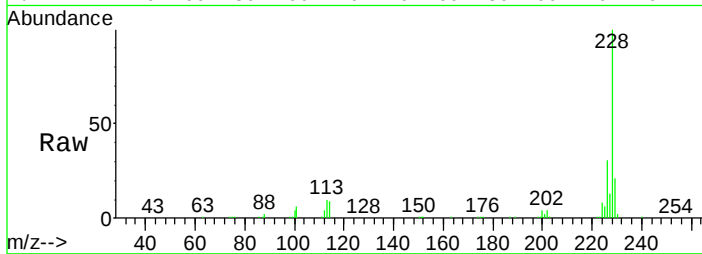




#82
Chrysene
Concen: Below Cal
RT: 14.10 min Scan# 1047
Delta R.T. -0.03 min
Lab File: BF082018.D
Acq: 3 Oct 2015 11:59

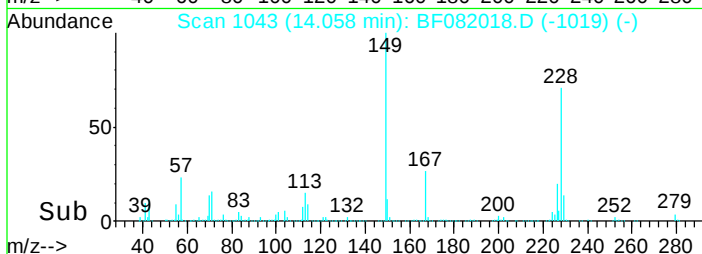
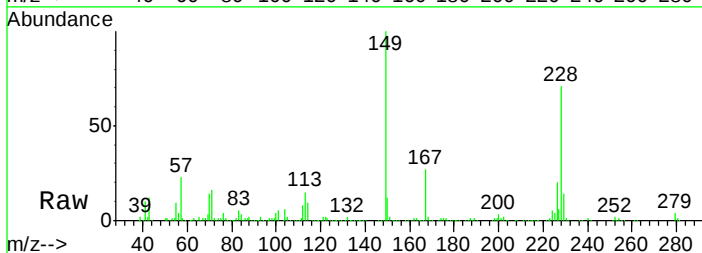
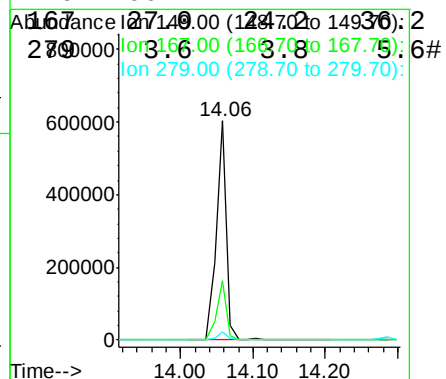
Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MSD

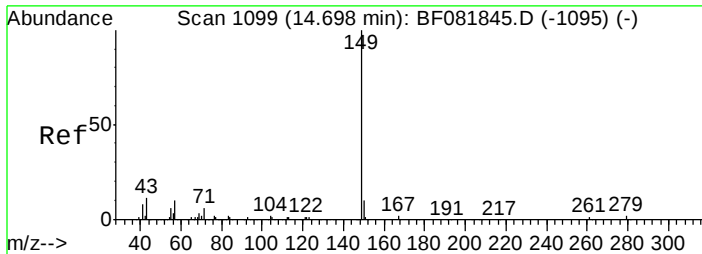
Tgt Ion:228 Resp: 894173
Ion Ratio Lower Upper
228 100
226 31.3 21.0 31.4
229 20.6 15.6 23.4



#83
Bis(2-ethylhexyl)phthalate
Concen: 66.91 ng
RT: 14.06 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF082018.D
Acq: 3 Oct 2015 11:59

Tgt Ion:149 Resp: 596955
Ion Ratio Lower Upper
149 100

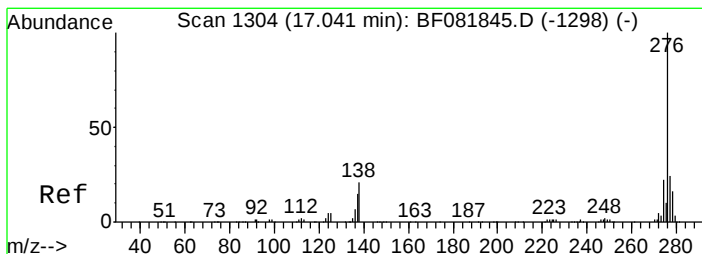
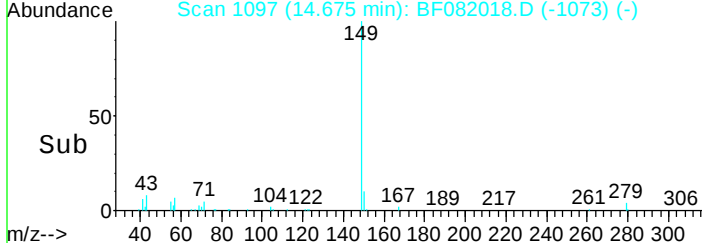
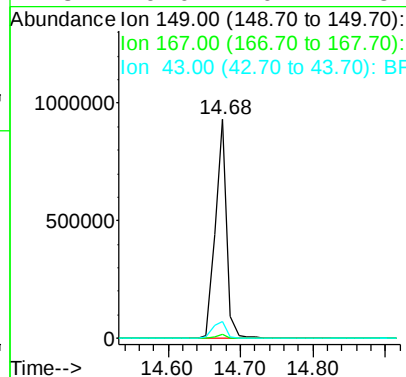
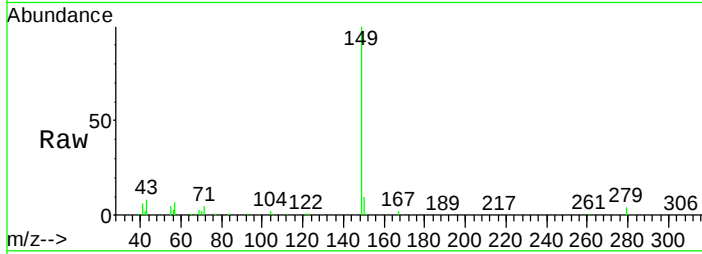




#84
 Di-n-octyl phthalate
 Concen: 70.85 ng
 RT: 14.68 min Scan# 1097
 Delta R.T. -0.02 min
 Lab File: BF082018.D
 Acq: 3 Oct 2015 11:59

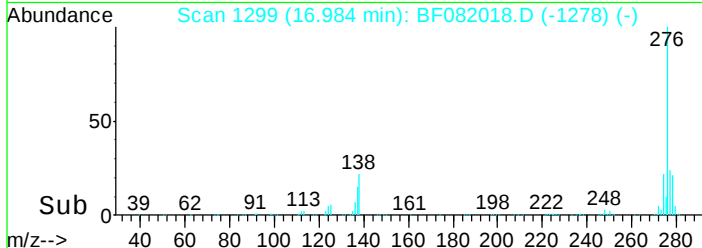
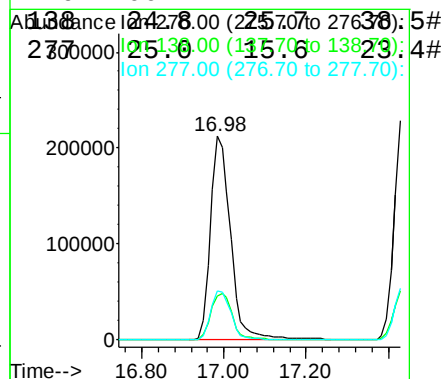
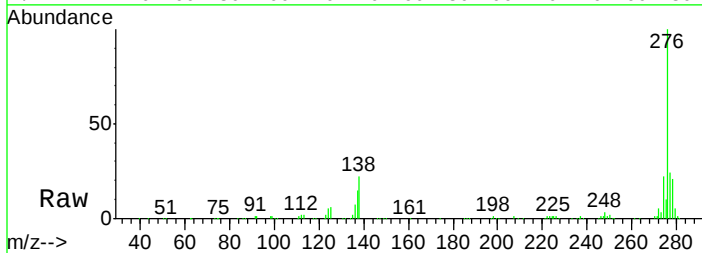
Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MSD

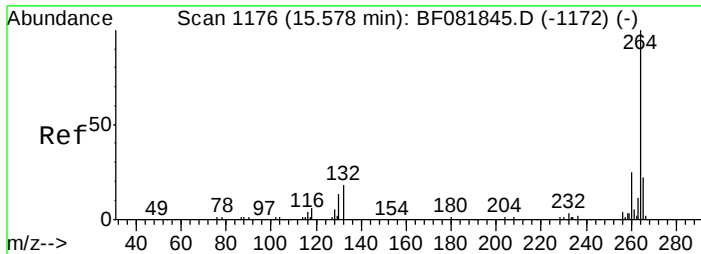
Tgt Ion:149 Resp: 1028554
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.0 1.6
 43 9.0 10.2 15.2#



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.71 ng
 RT: 16.98 min Scan# 1299
 Delta R.T. -0.06 min
 Lab File: BF082018.D
 Acq: 3 Oct 2015 11:59

Tgt Ion:276 Resp: 729161
 Ion Ratio Lower Upper
 276 100

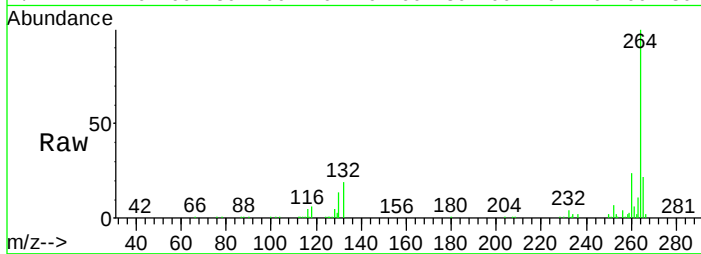




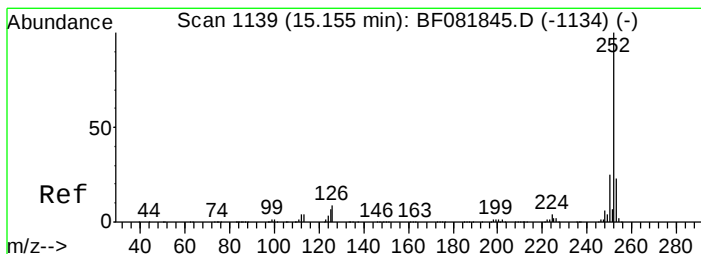
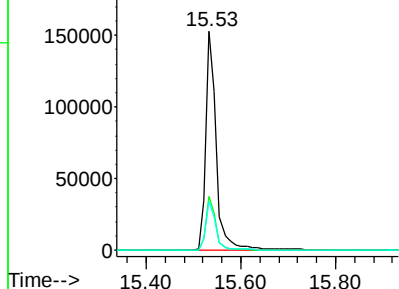
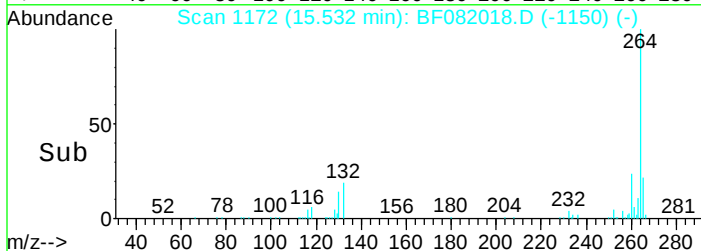
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1172
 Delta R.T. -0.05 min
 Lab File: BF082018.D
 Acq: 3 Oct 2015 11:59

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MSD

Tgt Ion:264 Resp: 246062
 Ion Ratio Lower Upper
 264 100
 260 24.5 16.7 25.1
 265 22.1 17.2 25.8

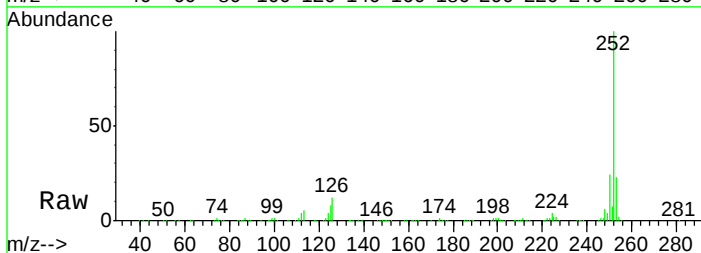


Abundance Ion 264.00 (263.70 to 264.70):
 Ion 260.00 (259.70 to 260.70):
 Ion 265.00 (264.70 to 265.70):

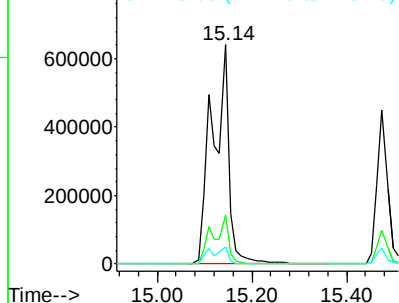
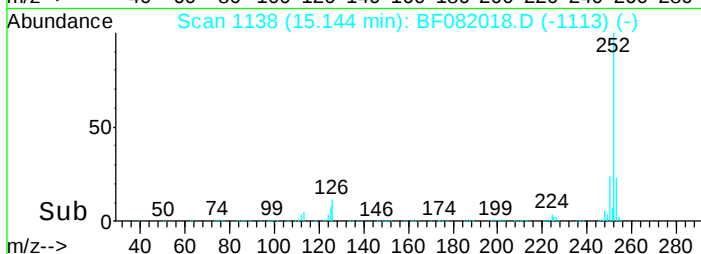


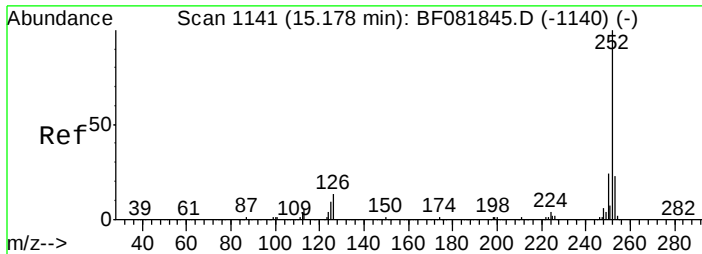
#87
 Benzo(b)fluoranthene
 Concen: 112.53 ng
 RT: 15.14 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BF082018.D
 Acq: 3 Oct 2015 11:59

Tgt Ion:252 Resp: 1580925
 Ion Ratio Lower Upper
 252 100



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

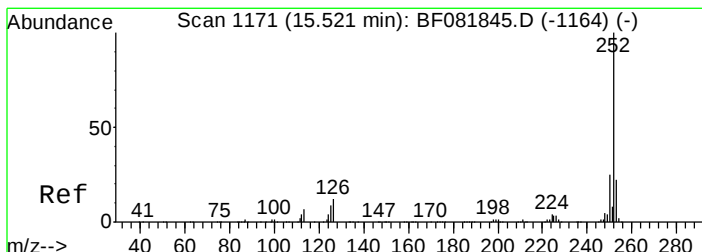
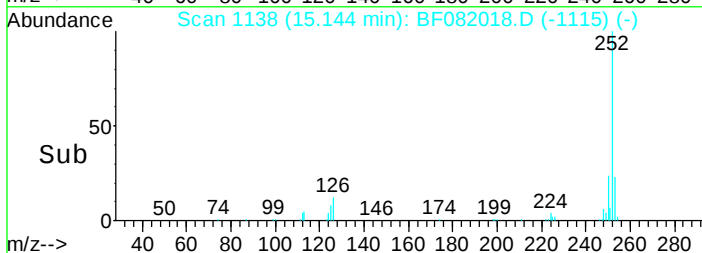
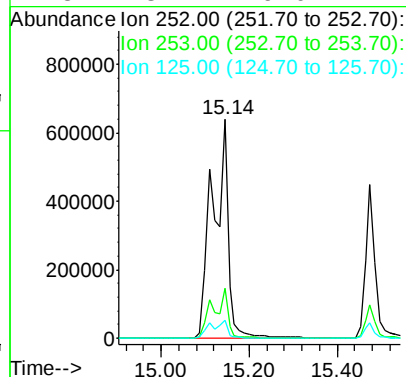
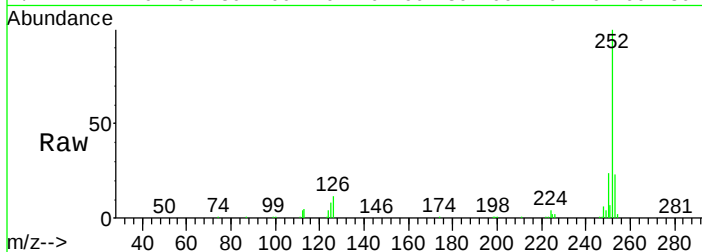




#88
 Benzo(k)fluoranthene
 Concen: 122.92 ng
 RT: 15.14 min Scan# 1138
 Delta R.T. -0.03 min
 Lab File: BF082018.D
 Acq: 3 Oct 2015 11:59

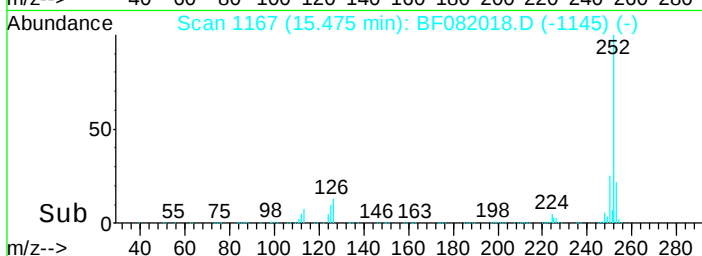
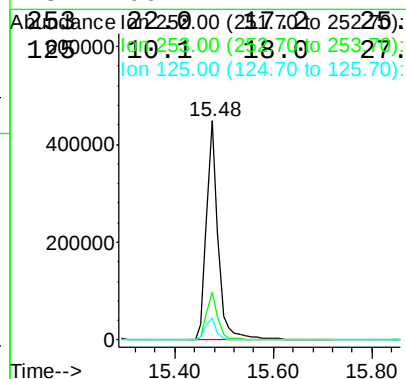
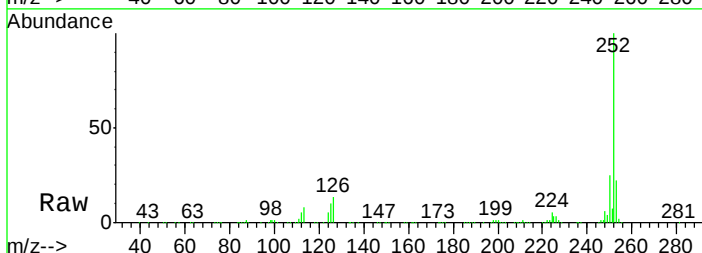
Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01MSD

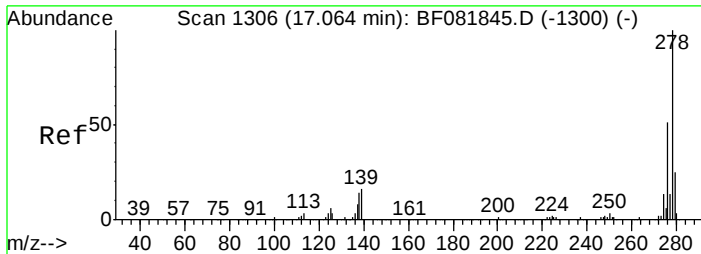
Tgt Ion:252 Resp: 1582713
 Ion Ratio Lower Upper
 252 100
 253 22.7 17.0 25.4
 125 8.1 16.0 24.0#



#89
 Benzo(a)pyrene
 Concen: 59.04 ng
 RT: 15.48 min Scan# 1167
 Delta R.T. -0.05 min
 Lab File: BF082018.D
 Acq: 3 Oct 2015 11:59

Tgt Ion:252 Resp: 719512
 Ion Ratio Lower Upper
 252 100
 253 22.9 17.2 25.8
 125 10.1 18.0 27.0#

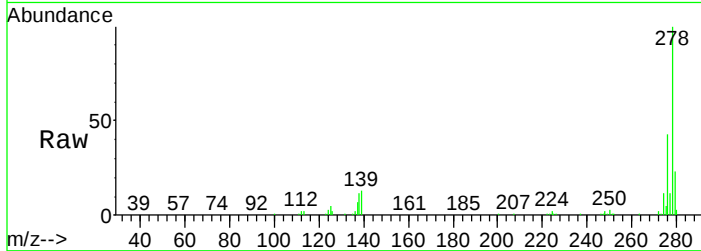




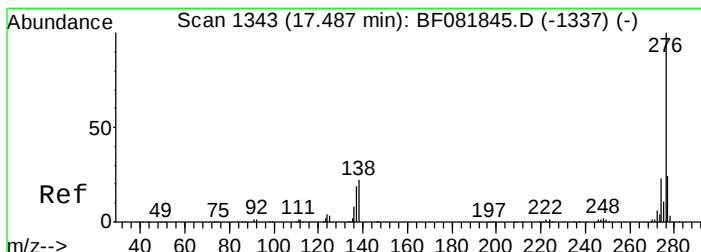
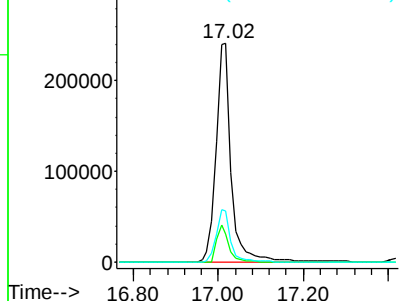
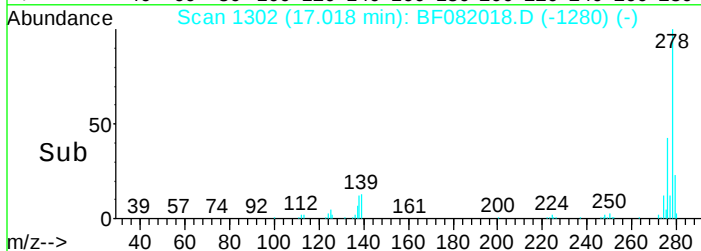
#90
Dibenzo(a,h)anthracene
Concen: 59.80 ng
RT: 17.02 min Scan# 1302
Delta R.T. -0.05 min
Lab File: BF082018.D
Acq: 3 Oct 2015 11:59

Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MSD

Tgt Ion:278 Resp: 611387
Ion Ratio Lower Upper
278 100
139 12.9 26.3 39.5#
279 23.3 18.2 27.4

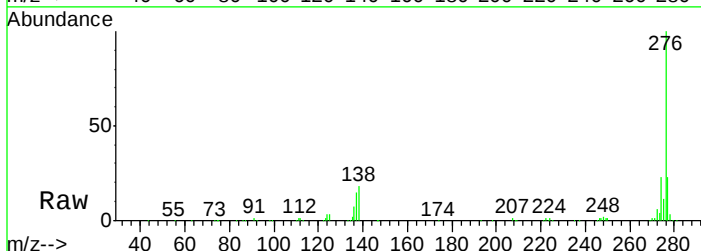


Abundance Ion 278.00 (277.70 to 278.70):
Ion 139.00 (138.70 to 139.70):
Ion 279.00 (278.70 to 279.70):



#91
Benzo(g,h,i)perylene
Concen: 57.43 ng
RT: 17.44 min Scan# 1339
Delta R.T. -0.05 min
Lab File: BF082018.D
Acq: 3 Oct 2015 11:59

Tgt Ion:276 Resp: 601683
Ion Ratio Lower Upper
276 100
277 23.7 17.9 26.6
138 18.0 34.6 51.8#



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

