

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100515\
 Data File : BF082074.D
 Acq On : 6 Oct 2015 6:01
 Operator : UM/IZ
 Sample : G3891-21MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-8(0-24)MSD

Quant Time: Oct 06 07:45:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 05 17:58:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	91757	20.00	ng	0.01
21) Naphthalene-d8	8.18	136	272504	20.00	ng	0.01
38) Acenaphthene-d10	9.94	164	117560	20.00	ng	0.01
63) Phenanthrene-d10	11.43	188	194355	20.00	ng	0.01
75) Chrysene-d12	14.08	240	138457	20.00	ng	0.02
86) Perylene-d12	15.56	264	109742	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	511635	101.22	ng	0.02
7) Phenol-d6	6.54	99	674011	105.97	ng	0.02
23) Nitrobenzene-d5	7.46	82	349489	85.49	ng	0.01
41) 2,4,6-Tribromophenol	10.74	330	117754	98.90	ng	0.02
44) 2-Fluorobiphenyl	9.26	172	620125	89.10	ng	0.01
78) Terphenyl-d14	13.02	244	488416	135.22	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	63714	28.99	ng	88
3) Pyridine	3.29	79	151047	26.39	ng	# 82
4) n-Nitrosodimethylamine	3.23	42	77496	29.81	ng	96
6) Aniline	6.56	93	135695	15.88	ng	# 82
8) 2-Chlorophenol	6.67	128	183587	32.89	ng	86
9) Benzaldehyde	6.43	77	47185	11.33	ng	# 70
10) Phenol	6.55	94	229004	32.10	ng	# 65
11) bis(2-Chloroethyl)ether	6.63	93	192467	34.79	ng	95
12) 1,3-Dichlorobenzene	6.91	146	214036	32.46	ng	98
13) 1,4-Dichlorobenzene	6.91	146	217763	31.63	ng	96
14) 1,2-Dichlorobenzene	6.91	146	217763	35.50	ng	98
15) Benzyl Alcohol	7.04	79	151765	33.06	ng	# 78
16) 2,2'-oxybis(1-Chloropropan	7.18	45	261829	33.47	ng	73
17) 2-Methylphenol	7.15	107	156247	34.53	ng	# 81
18) Hexachloroethane	7.41	117	54104	25.10	ng	# 69
19) n-Nitroso-di-n-propylamine	7.31	70	152413	39.43	ng	# 66
20) 3+4-Methylphenols	7.30	107	178305	31.19	ng	# 48
22) Acetophenone	7.30	105	261477	46.93	ng	# 74
24) Nitrobenzene	7.49	77	174938	39.41	ng	# 84
25) Isophorone	7.71	82	365372	45.09	ng	# 79
26) 2-Nitrophenol	7.79	139	47335	22.22	ng	# 25
27) 2,4-Dimethylphenol	7.84	122	177739	47.42	ng	# 78
28) bis(2-Chloroethoxy)methane	7.93	93	230788	47.96	ng	# 85
29) 2,4-Dichlorophenol	8.05	162	155939	42.90	ng	98
30) 1,2,4-Trichlorobenzene	8.13	180	166590	41.05	ng	98
31) Naphthalene	8.21	128	500782	41.47	ng	95
32) Benzoic acid	7.94	122	61223	30.47	ng	# 33
33) 4-Chloroaniline	8.26	127	104361	19.99	ng	# 82
34) Hexachlorobutadiene	8.32	225	111133	46.31	ng	98
35) Caprolactam	8.61	113	99806	99.19	ng	# 11
36) 4-Chloro-3-methylphenol	8.74	107	159500	44.88	ng	# 79
37) 2-Methylnaphthalene	8.90	142	319103	38.72	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	135133	37.44	ng	# 97
40) Hexachlorocyclopentadiene	9.04	237	5911	3.18	ng	94

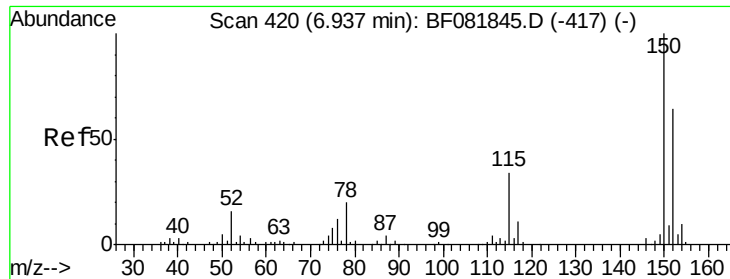
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100515\
 Data File : BF082074.D
 Acq On : 6 Oct 2015 6:01
 Operator : UM/IZ
 Sample : G3891-21MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-8(0-24)MSD

Quant Time: Oct 06 07:45:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 05 17:58:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	84712	34.24	ng	99
43) 2,4,5-Trichlorophenol	9.22	196	89198	35.06	ng #	81
45) 1,1'-Biphenyl	9.36	154	342266	37.74	ng	94
46) 2-Chloronaphthalene	9.39	162	274606	38.56	ng	97
47) 2-Nitroaniline	9.49	65	82464	39.45	ng #	79
48) Acenaphthylene	9.81	152	410853	36.05	ng #	94
49) Dimethylphthalate	9.66	163	379147	46.72	ng	96
50) 2,6-Dinitrotoluene	9.73	165	52504	29.80	ng #	77
51) Acenaphthene	9.98	154	240142	35.48	ng	89
52) 3-Nitroaniline	9.90	138	81977	40.22	ng #	68
53) 2,4-Dinitrophenol	10.01	184	764	Below Cal	ng #	1
54) Dibenzofuran	10.15	168	376801	39.39	ng #	88
55) 4-Nitrophenol	10.07	139	76171	51.72	ng #	24
56) 2,4-Dinitrotoluene	10.13	165	49927	22.23	ng #	78
57) Fluorene	10.49	166	292267	42.61	ng	91
58) 2,3,4,6-Tetrachlorophenol	10.27	232	62449	30.94	ng #	97
59) Diethylphthalate	10.37	149	334334	44.11	ng	94
60) 4-Chlorophenyl-phenylether	10.48	204	135204	38.61	ng #	82
61) 4-Nitroaniline	10.51	138	77807	38.07	ng #	46
62) Azobenzene	10.64	77	263965	35.68	ng	88
64) 4,6-Dinitro-2-methylphenol	10.55	198	989	2.52	ng #	1
65) n-Nitrosodiphenylamine	10.61	169	283413	48.20	ng	97
66) 4-Bromophenyl-phenylether	10.97	248	87980	44.90	ng #	91
67) Hexachlorobenzene	11.04	284	83899	37.94	ng #	91
68) Atrazine	11.13	200	75101	41.16	ng	94
69) Pentachlorophenol	11.23	266	83898	66.58	ng	98
70) Phenanthrene	11.45	178	391402	41.73	ng	95
71) Anthracene	11.51	178	438600	44.40	ng	97
72) Carbazole	11.67	167	365113	40.84	ng	95
73) Di-n-butylphthalate	11.99	149	453743	49.98	ng #	97
74) Fluoranthene	12.65	202	442562	42.51	ng	86
77) Pyrene	12.88	202	441153	53.33	ng	95
79) Butylbenzylphthalate	13.50	149	168715	54.21	ng	89
80) Benzo(a)anthracene	14.08	228	309284	41.48	ng #	91
81) 3,3'-Dichlorobenzidine	14.04	252	49022	19.47	ng	97
82) Chrysene	14.12	228	318409	56.11	ng	92
83) Bis(2-ethylhexyl)phthalate	14.06	149	228547	58.54	ng	97
84) Di-n-octyl phthalate	14.68	149	348236	54.81	ng #	94
85) Indeno(1,2,3-cd)pyrene	17.01	276	247863	42.50	ng #	86
87) Benzo(b)fluoranthene	15.16	252	494355	78.90	ng #	90
88) Benzo(k)fluoranthene	15.16	252	494355	86.09	ng #	91
89) Benzo(a)pyrene	15.49	252	230364	42.39	ng	93
90) Dibenzo(a,h)anthracene	17.02	278	200695	44.01	ng #	82
91) Benzo(g,h,i)perylene	17.44	276	201992	43.23	ng #	75

(#) = 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. 0.01 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MSD

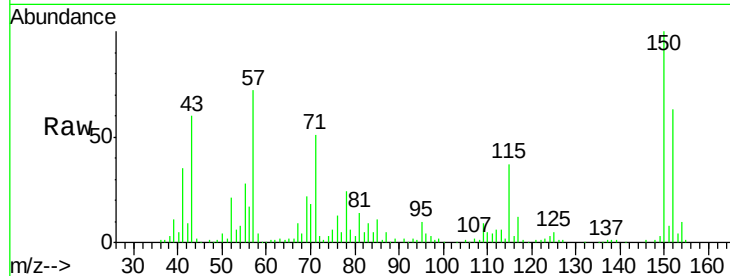
Tgt Ion:152 Resp: 91757

Ion Ratio Lower Upper

152 100

150 158.8 124.7 187.1

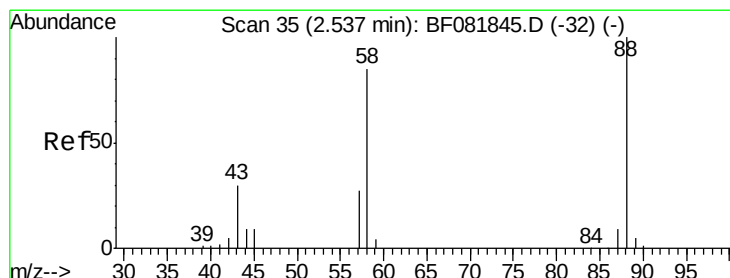
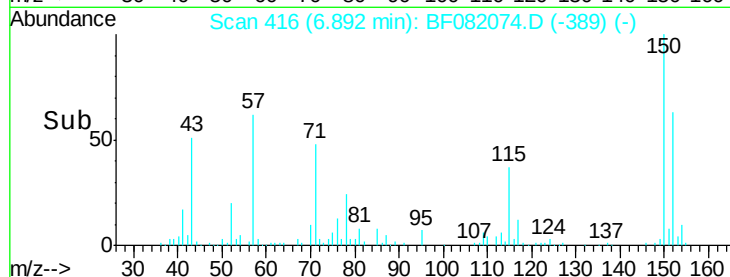
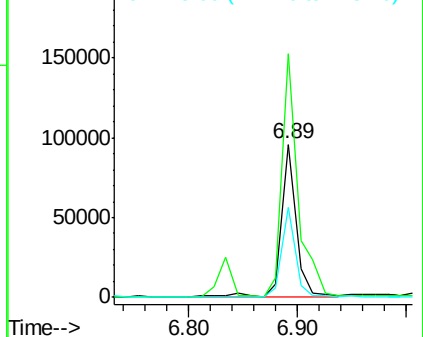
115 59.0 39.0 58.4#



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: 28.99 ng

RT: 2.55 min Scan# 36

Delta R.T. 0.05 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

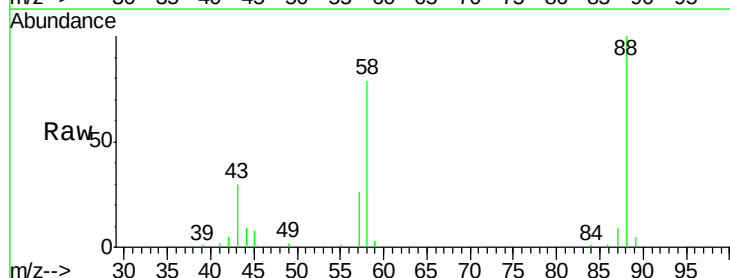
Tgt Ion: 88 Resp: 63714

Ion Ratio Lower Upper

88 100

58 83.8 77.7 116.5

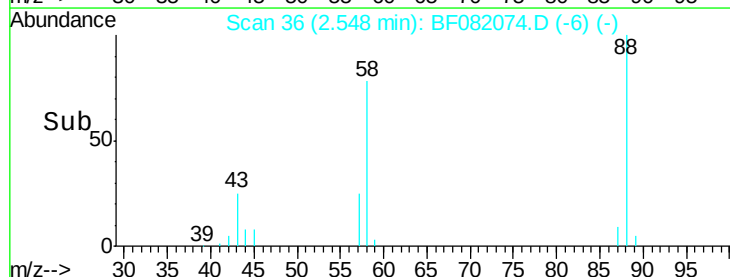
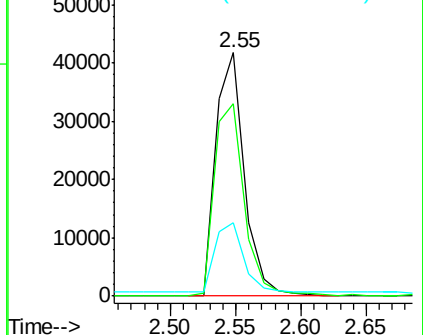
43 29.7 26.6 40.0

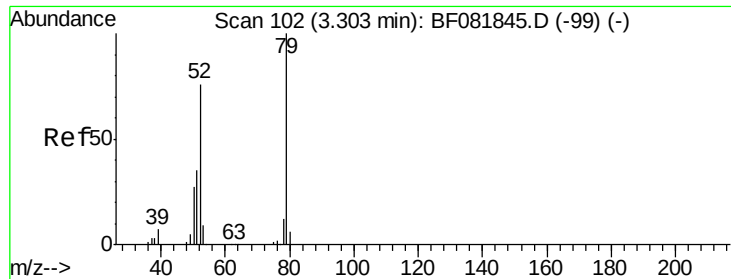


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 26.39 ng

RT: 3.29 min Scan# 101

Delta R.T. 0.06 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MSD

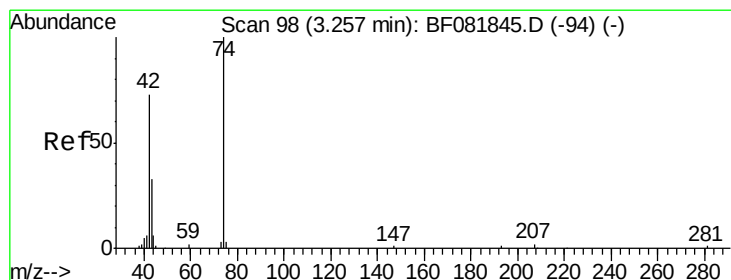
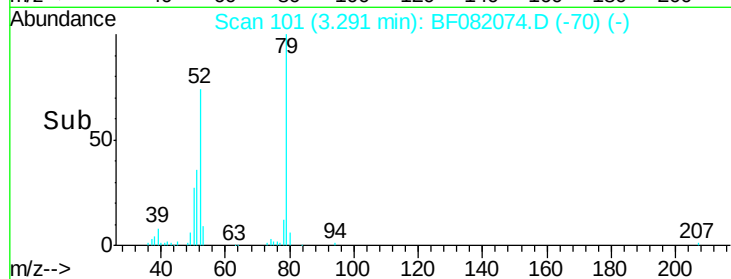
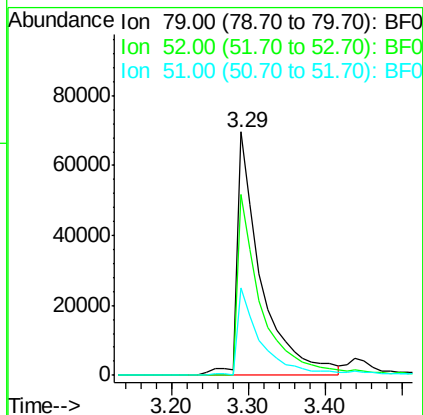
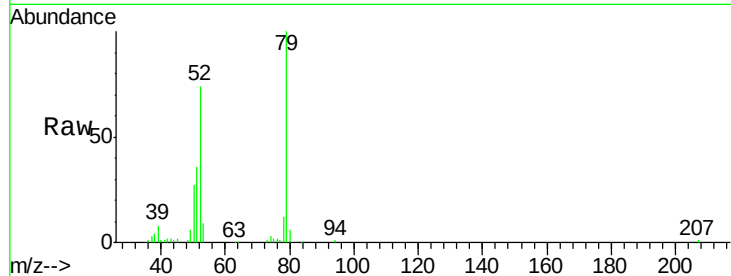
Tgt Ion: 79 Resp: 151047

Ion Ratio Lower Upper

79 100

52 74.2 76.8 115.2#

51 36.1 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 29.81 ng

RT: 3.23 min Scan# 96

Delta R.T. 0.03 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

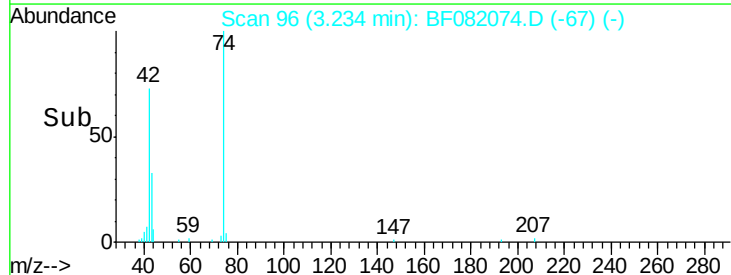
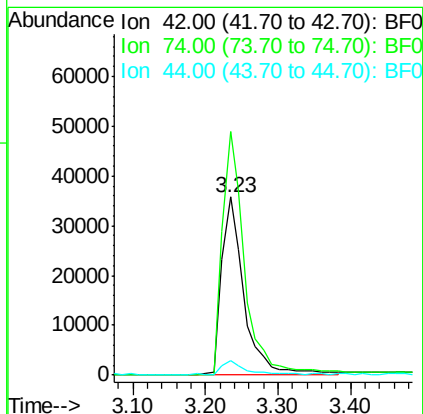
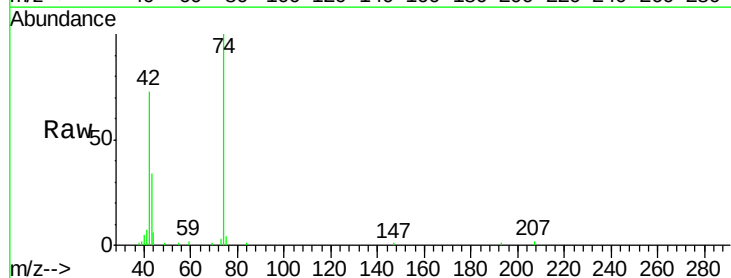
Tgt Ion: 42 Resp: 77496

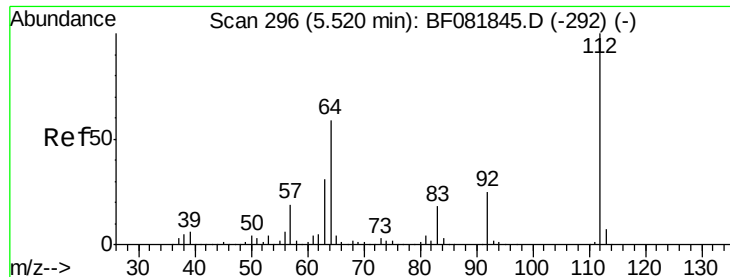
Ion Ratio Lower Upper

42 100

74 136.7 105.0 157.6

44 7.9 6.6 10.0





#5

2-Fluorophenol

Concen: 101.22 ng

RT: 5.50 min Scan# 294

Delta R.T. 0.02 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Instrument :

BNA_F

ClientSampleId :

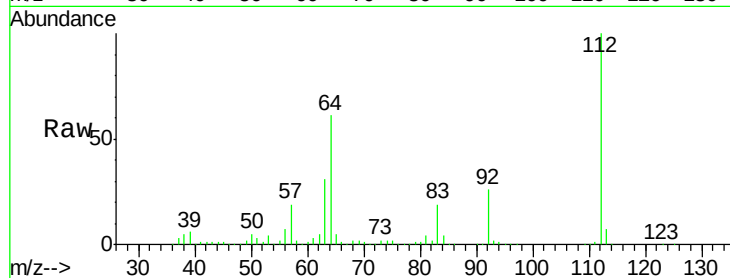
SS-8(0-24)MSD

Tgt Ion: 112 Resp: 511635
Ion Ratio Lower Upper

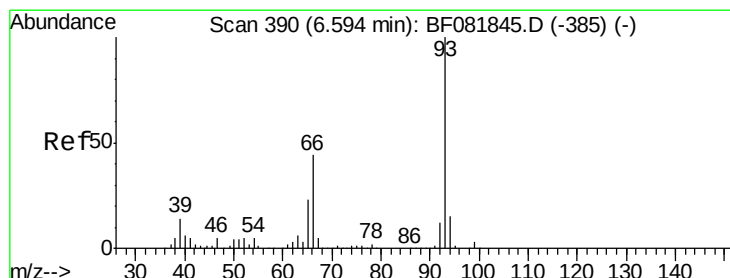
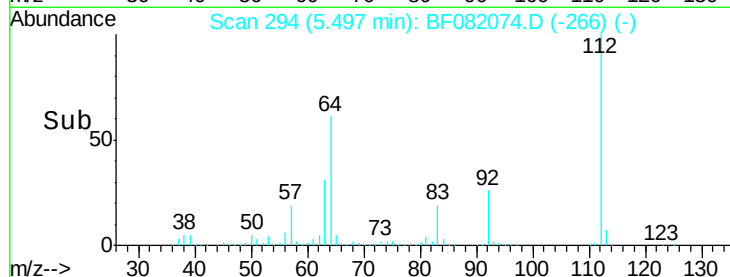
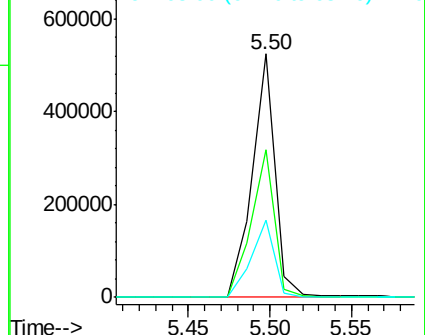
112 100

64 60.8 39.7 59.5#

63 31.5 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: 15.88 ng

RT: 6.56 min Scan# 387

Delta R.T. 0.01 min

Lab File: BF082074.D

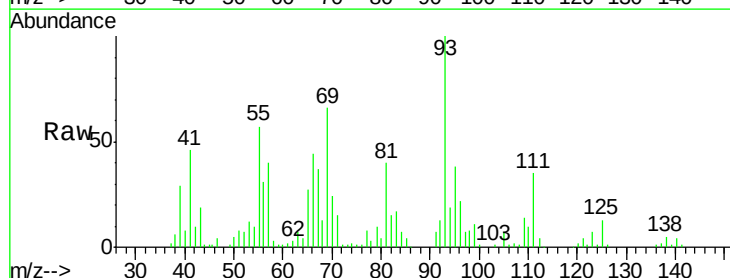
Acq: 6 Oct 2015 6:01

Tgt Ion: 93 Resp: 135695
Ion Ratio Lower Upper

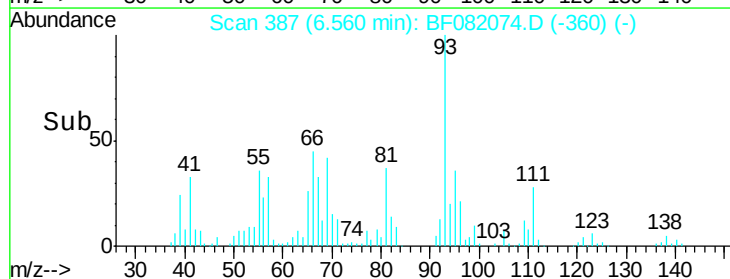
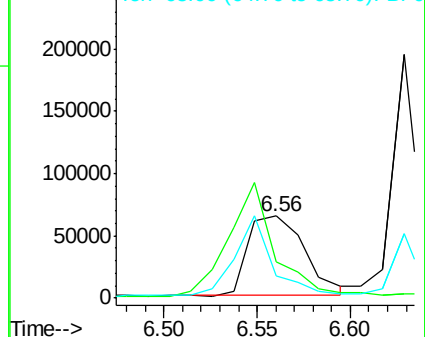
93 100

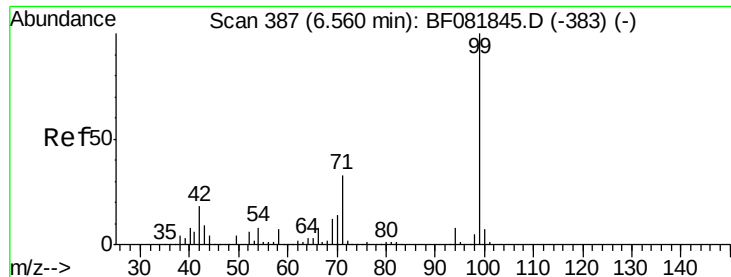
66 44.2 27.2 40.8#

65 26.5 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: 105.97 ng

RT: 6.54 min Scan# 385

Delta R.T. 0.02 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MSD

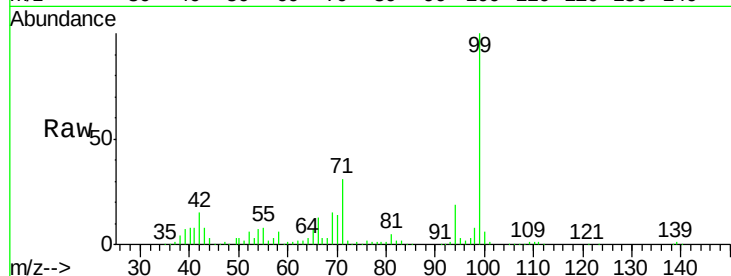
Tgt Ion: 99 Resp: 674011

Ion Ratio Lower Upper

99 100

42 15.0 13.7 20.5

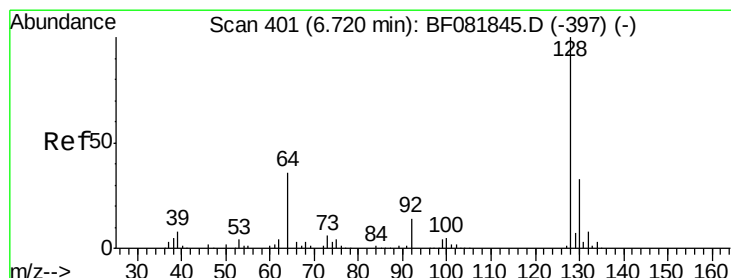
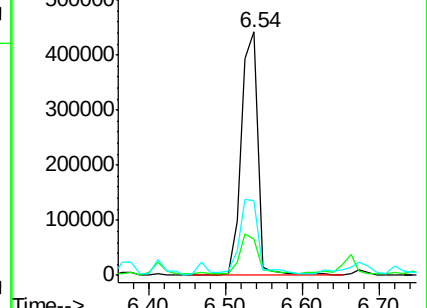
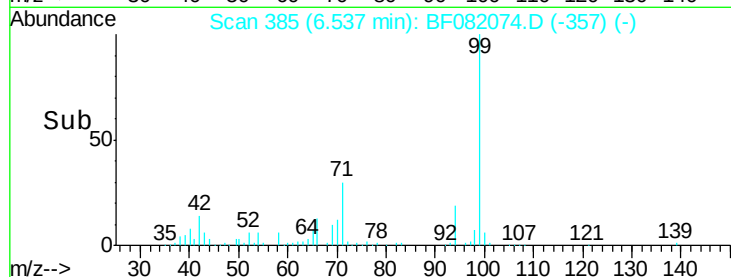
71 30.8 14.2 21.2#



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: 32.89 ng

RT: 6.67 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

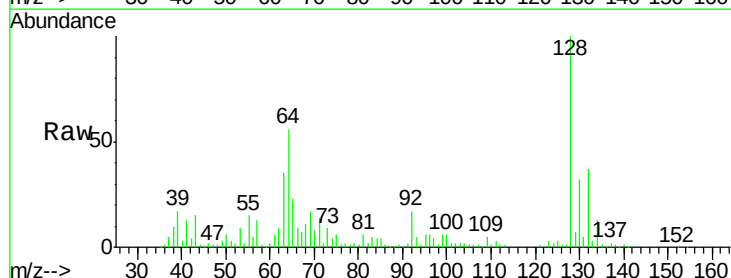
Tgt Ion: 128 Resp: 183587

Ion Ratio Lower Upper

128 100

130 32.3 12.2 52.2

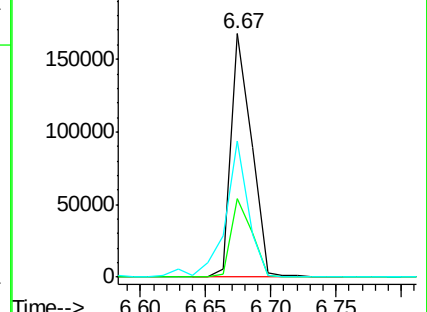
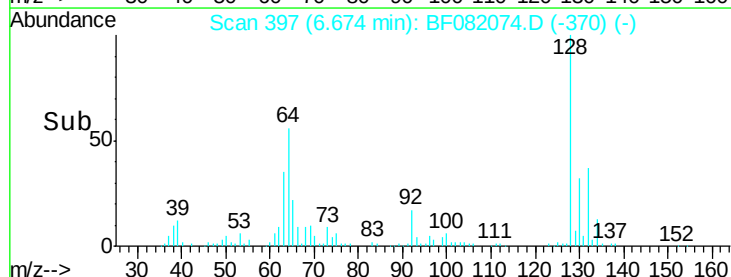
64 56.1 20.5 60.5

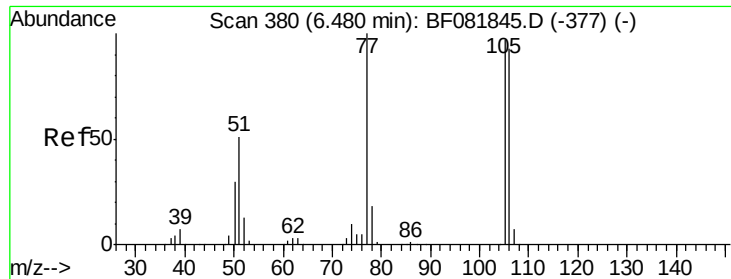


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.33 ng

RT: 6.43 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MSD

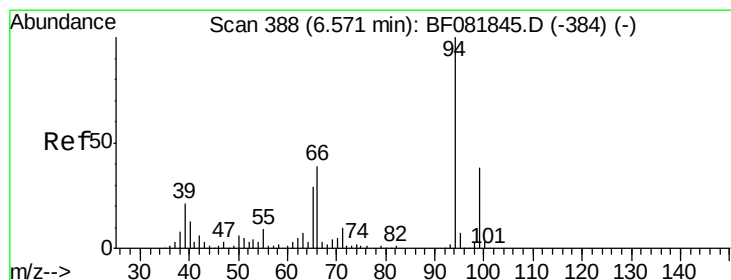
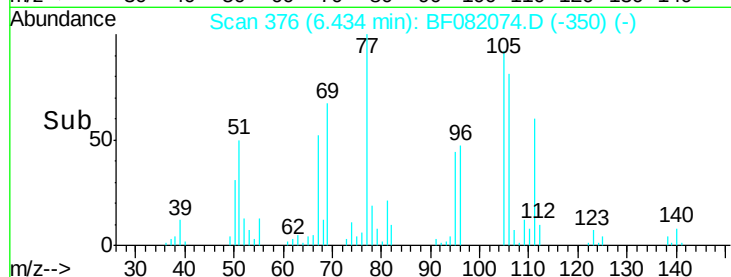
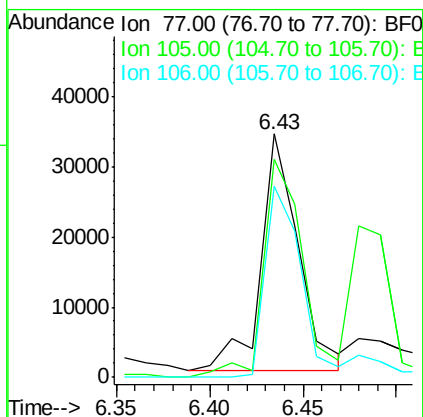
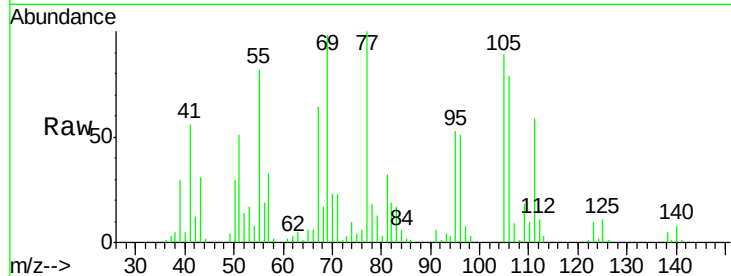
Tgt Ion: 77 Resp: 47185

Ion Ratio Lower Upper

77 100

105 89.5 91.6 131.6#

106 78.6 102.6 142.6#



#10

Phenol

Concen: 32.10 ng

RT: 6.55 min Scan# 386

Delta R.T. 0.02 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

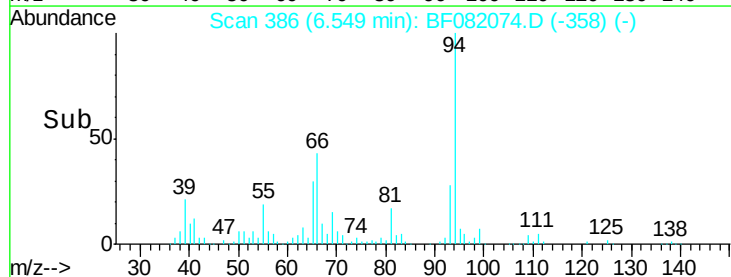
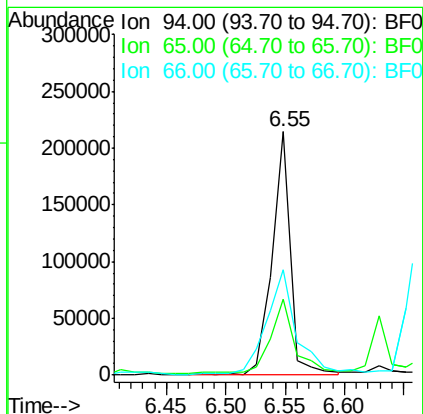
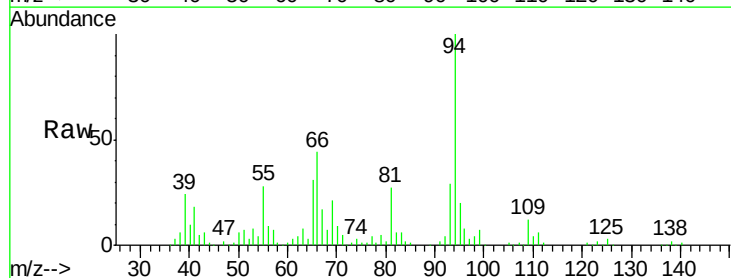
Tgt Ion: 94 Resp: 229004

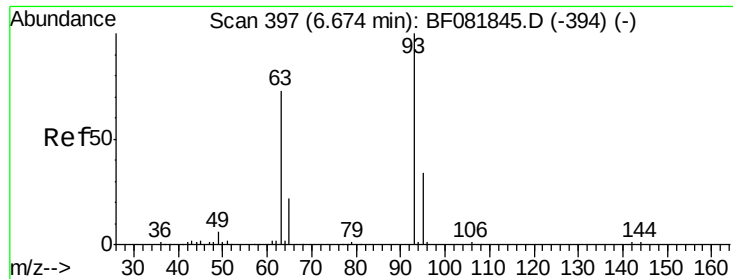
Ion Ratio Lower Upper

94 100

65 31.1 0.7 40.7

66 43.5 0.8 40.8#





#11

bis(2-Chloroethyl)ether

Concen: 34.79 ng

RT: 6.63 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MSD

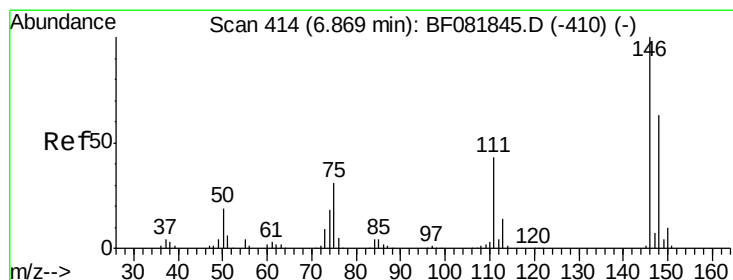
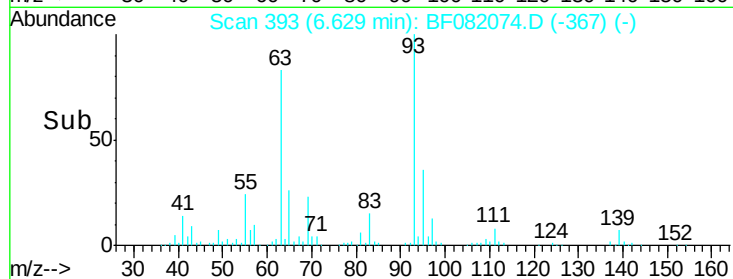
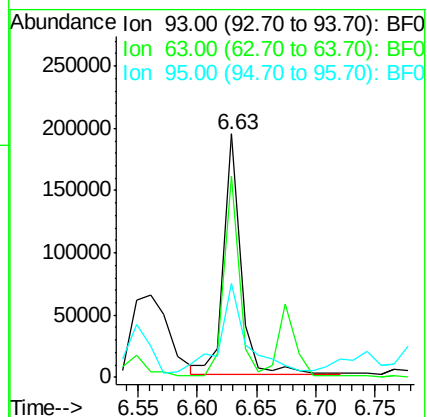
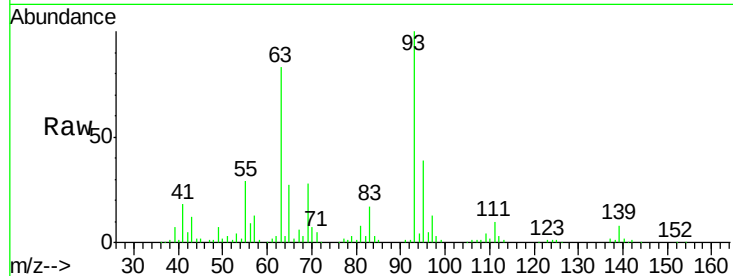
Tgt Ion: 93 Resp: 192467

Ion Ratio Lower Upper

93 100

63 82.9 65.6 105.6

95 38.8 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 32.46 ng

RT: 6.91 min Scan# 418

Delta R.T. 0.09 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

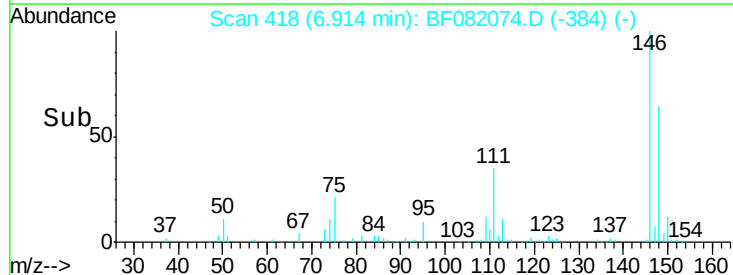
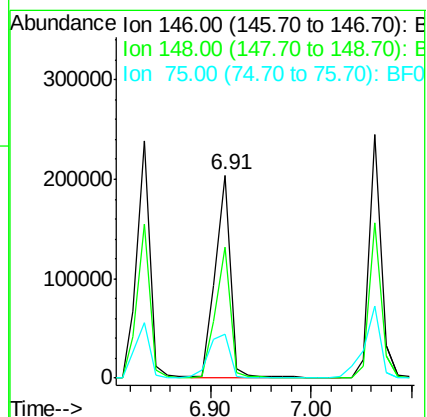
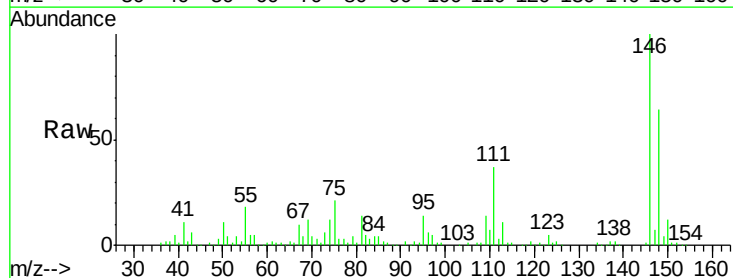
Tgt Ion: 146 Resp: 214036

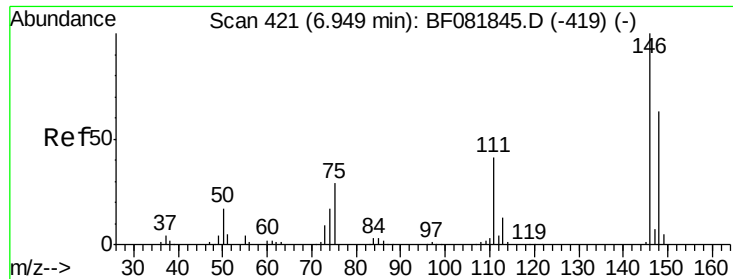
Ion Ratio Lower Upper

146 100

148 64.5 51.0 76.4

75 21.4 15.0 22.6

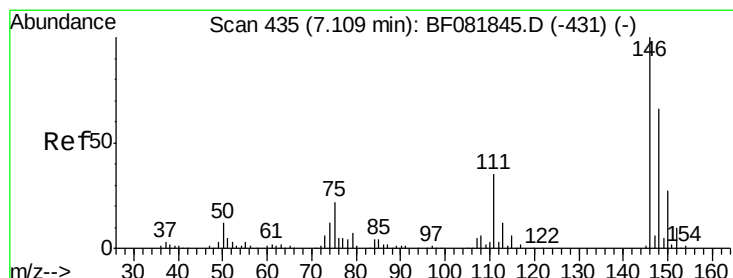
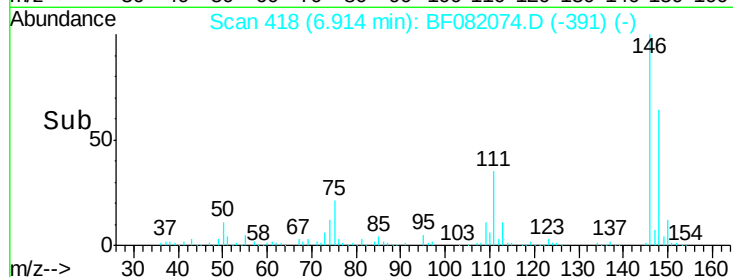
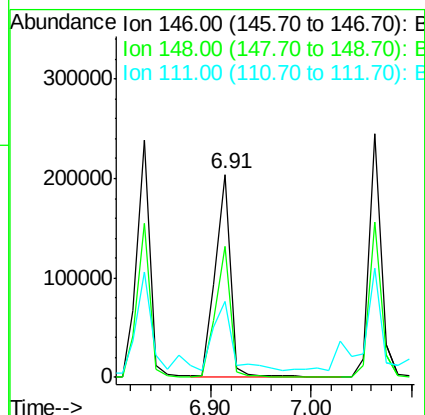
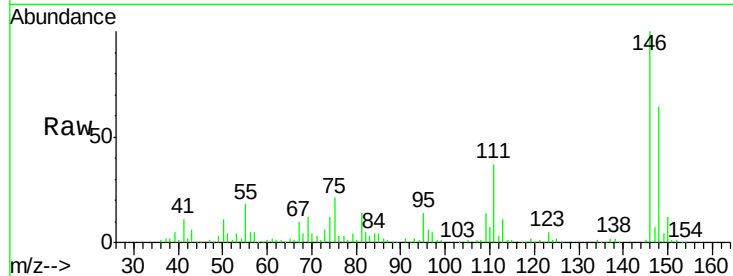




#13
 1,4-Dichlorobenzene
 Concen: 31.63 ng
 RT: 6.91 min Scan# 418
 Delta R.T. 0.01 min
 Lab File: BF082074.D
 Acq: 6 Oct 2015 6:01

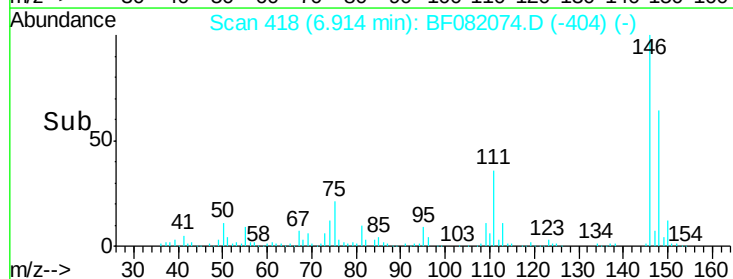
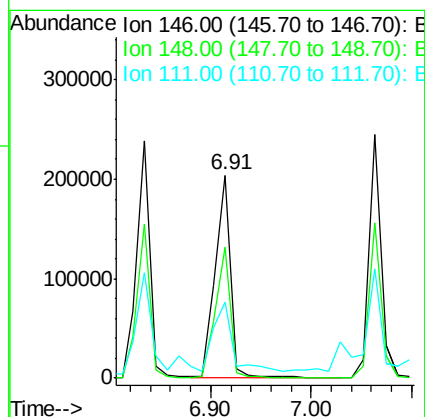
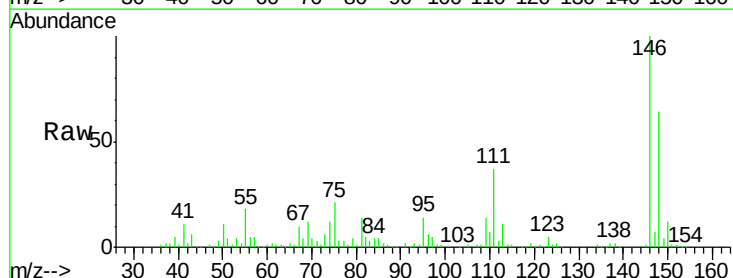
Instrument :
 BNA_F
 ClientSampleId :
 SS-8(0-24)MSD

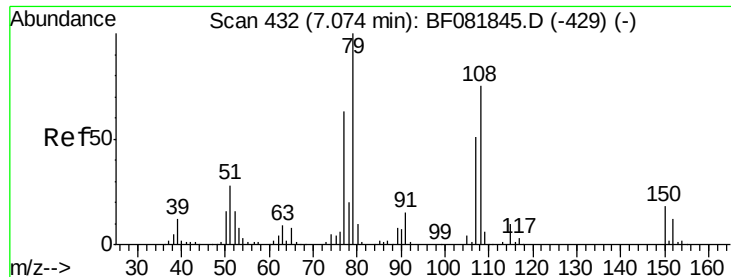
Tgt Ion:146 Resp: 217763
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.8 77.6
 111 37.3 24.9 37.3



#14
 1,2-Dichlorobenzene
 Concen: 35.50 ng
 RT: 6.91 min Scan# 418
 Delta R.T. -0.14 min
 Lab File: BF082074.D
 Acq: 6 Oct 2015 6:01

Tgt Ion:146 Resp: 217763
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.7 79.1
 111 37.3 28.8 43.2

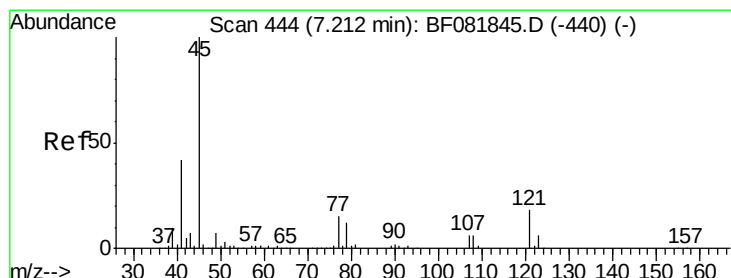
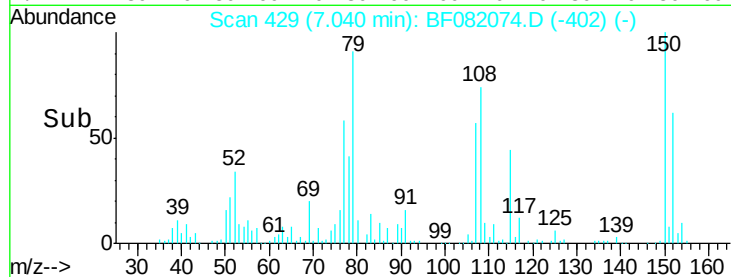
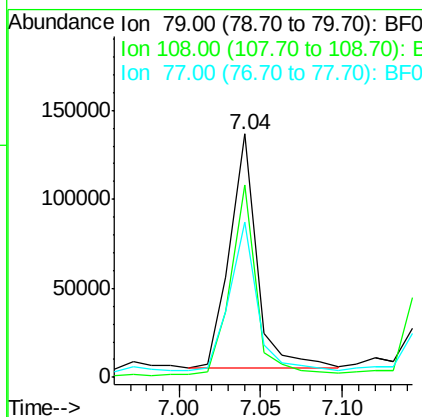
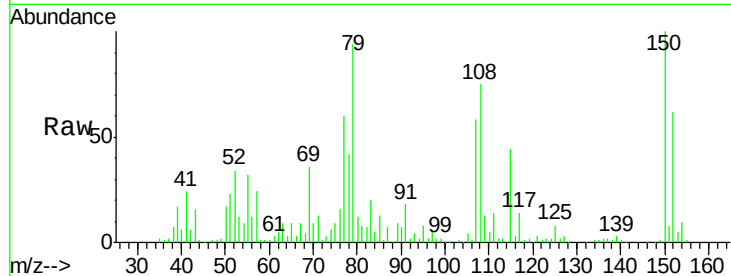




#15
Benzyl Alcohol
Concen: 33.06 ng
RT: 7.04 min Scan# 429
Delta R.T. 0.01 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

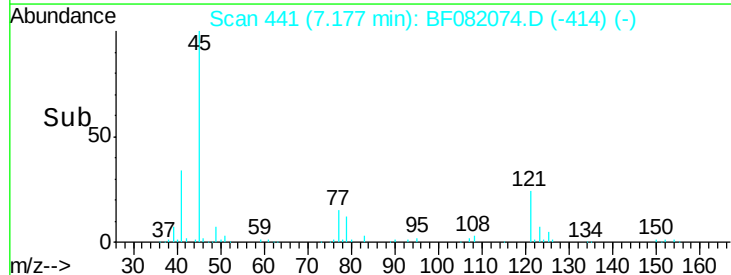
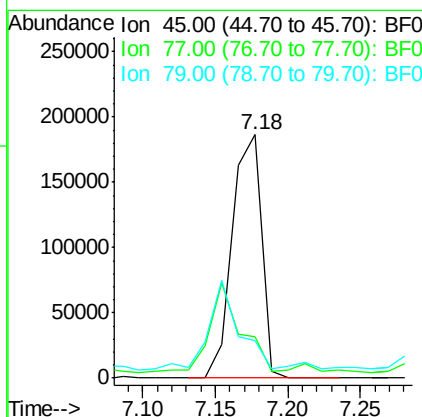
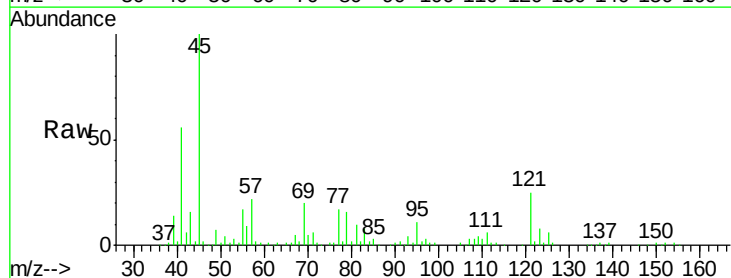
Instrument :
BNA_F
ClientSampleId :
SS-8(0-24)MSD

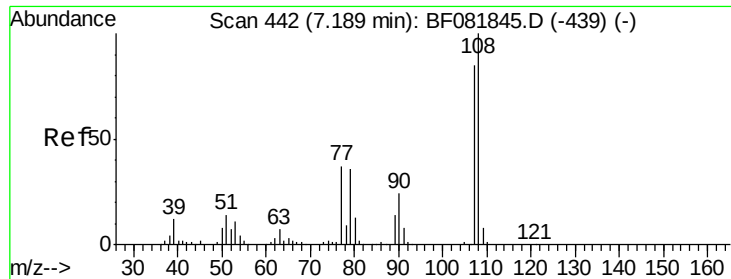
Tgt Ion: 79 Resp: 151765
Ion Ratio Lower Upper
79 100
108 79.0 88.6 132.8#
77 63.6 47.0 70.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.47 ng
RT: 7.18 min Scan# 441
Delta R.T. 0.01 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

Tgt Ion: 45 Resp: 261829
Ion Ratio Lower Upper
45 100
77 17.2 0.0 28.1
79 15.6 0.0 26.0

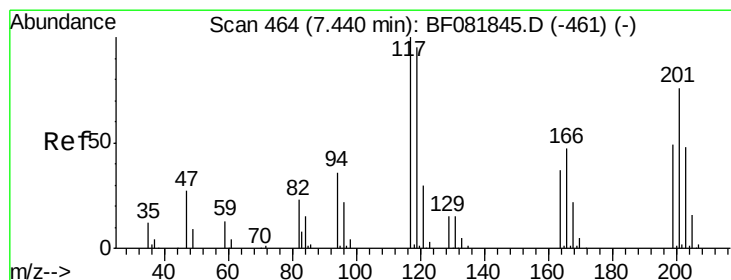
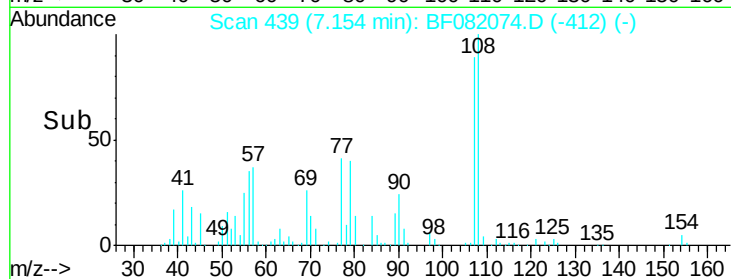
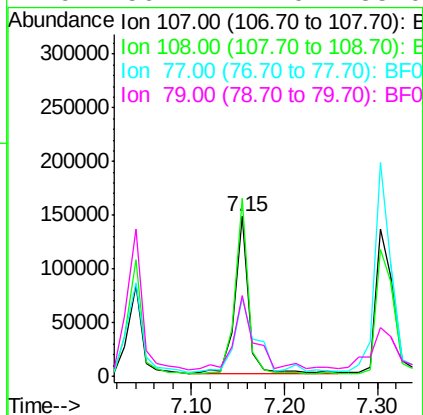
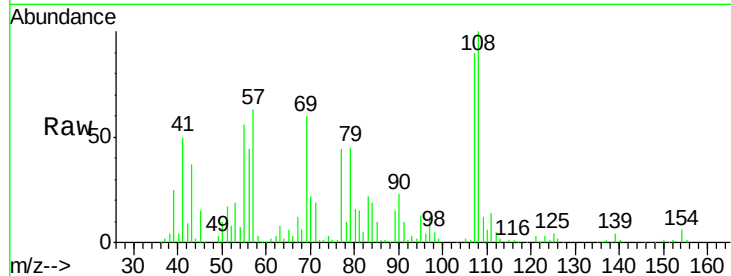




#17
2-Methylphenol
Concen: 34.53 ng
RT: 7.15 min Scan# 439
Delta R.T. 0.01 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

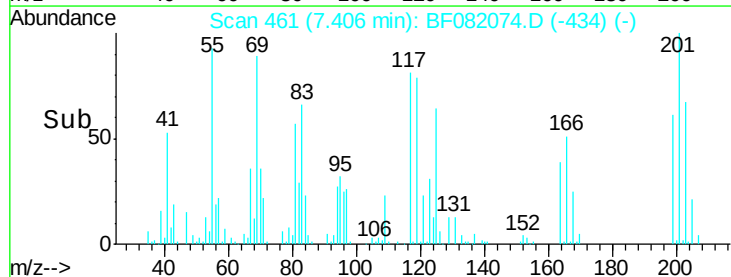
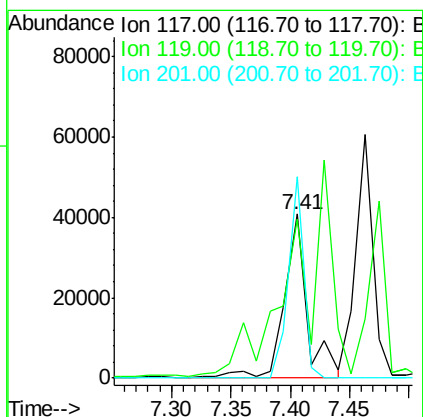
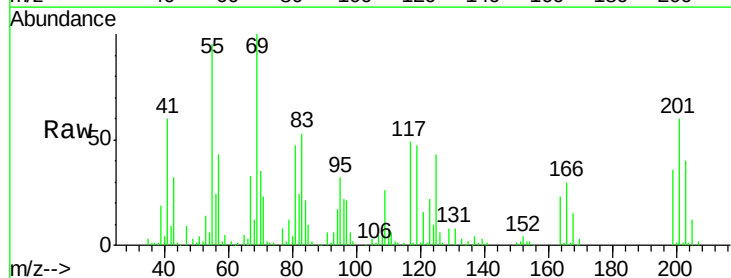
Instrument :
BNA_F
ClientSampleId :
SS-8(0-24)MSD

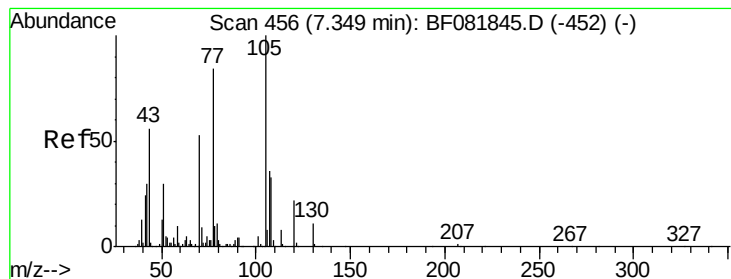
Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.4	96.6	145.0
77	48.9	23.3	34.9#
79	50.1	22.0	33.0#



#18
Hexachloroethane
Concen: 25.10 ng
RT: 7.41 min Scan# 461
Delta R.T. 0.01 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	83.8	125.6
201	122.5	55.1	82.7#

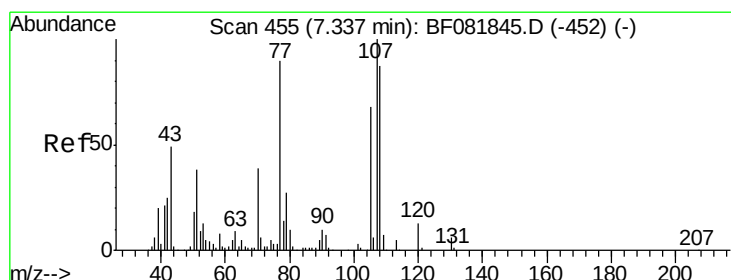
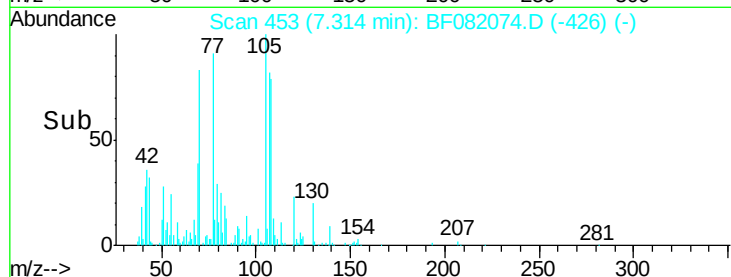
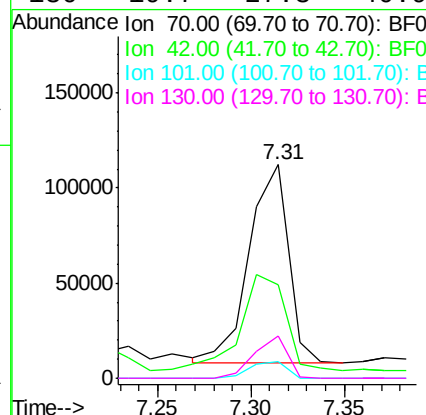
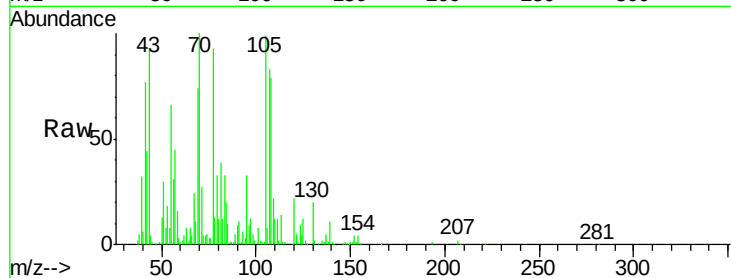




#19
n-Nitroso-di-n-propylamine
Concen: 39.43 ng
RT: 7.31 min Scan# 453
Delta R.T. 0.01 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

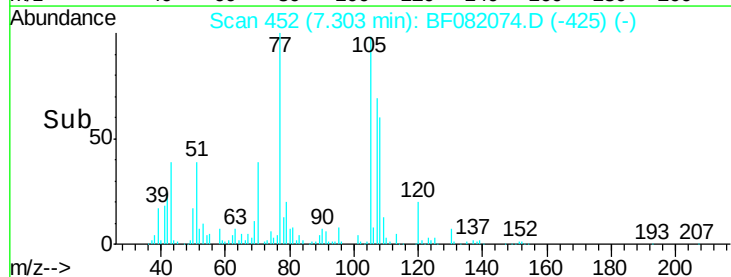
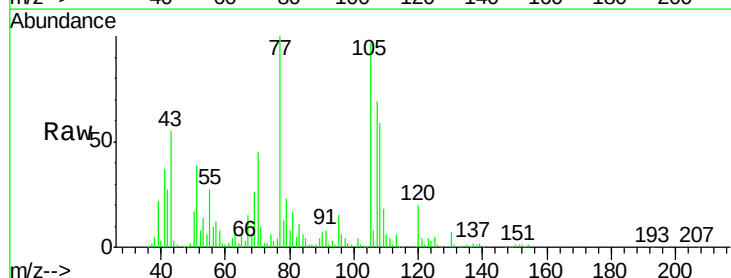
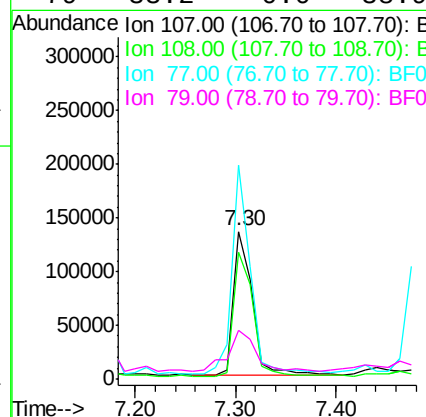
Instrument :
BNA_F
ClientSampleId :
SS-8(0-24)MSD

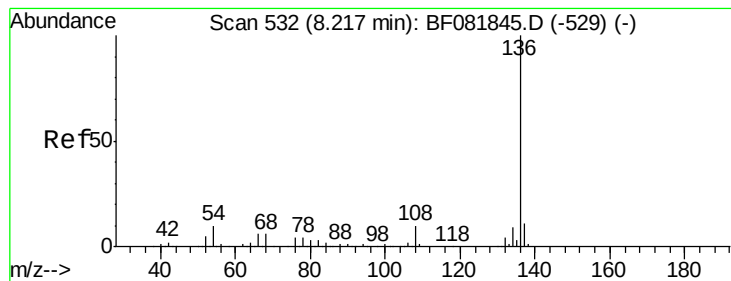
Tgt Ion	Ratio	Lower	Upper
70	100		
42	43.7	63.8	95.6#
101	8.0	9.2	13.8#
130	19.7	27.3	40.9#



#20
3+4-Methylphenols
Concen: 31.19 ng
RT: 7.30 min Scan# 452
Delta R.T. 0.01 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.9	74.6	114.6
77	144.9	0.7	40.7#
79	33.2	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 529

Delta R.T. 0.01 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

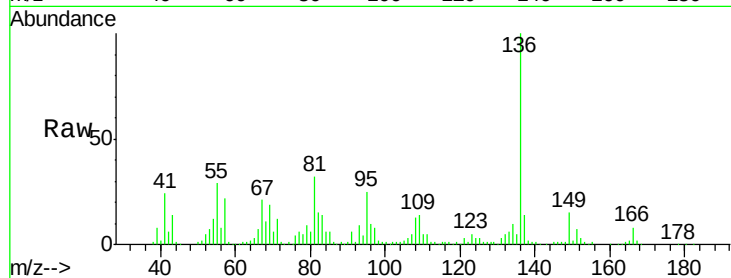
Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MSD

Tgt Ion:	136	Resp:	272504
Ion Ratio	Lower	Upper	
136	100		
137	13.5	9.0	13.6
54	11.9	8.2	12.2
68	10.8	5.8	8.6#

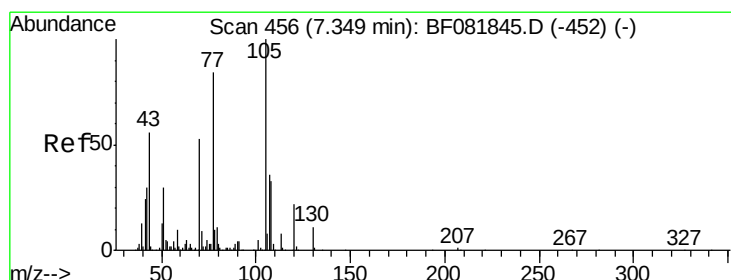
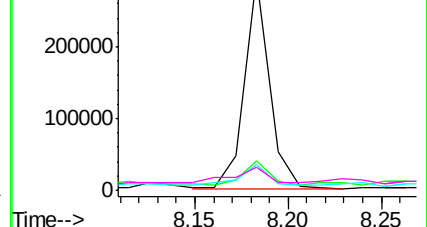
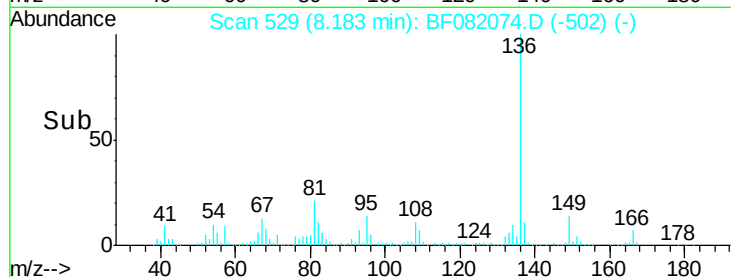


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 46.93 ng

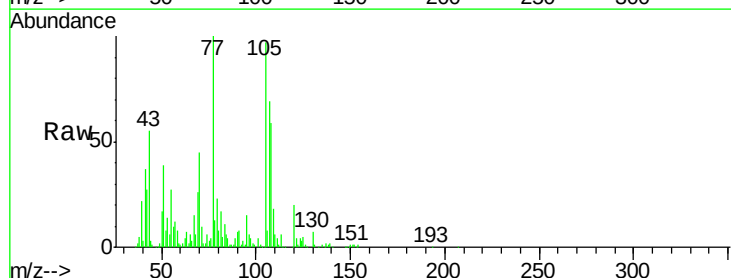
RT: 7.30 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Tgt Ion:	105	Resp:	261477
Ion Ratio	Lower	Upper	
105	100		
71	10.6	4.7	7.1#
51	40.0	22.0	33.0#
120	20.3	30.1	45.1#

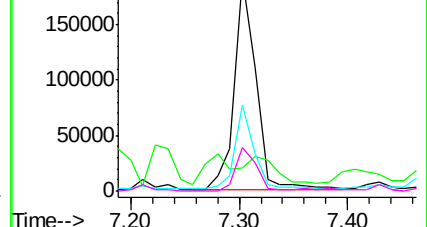
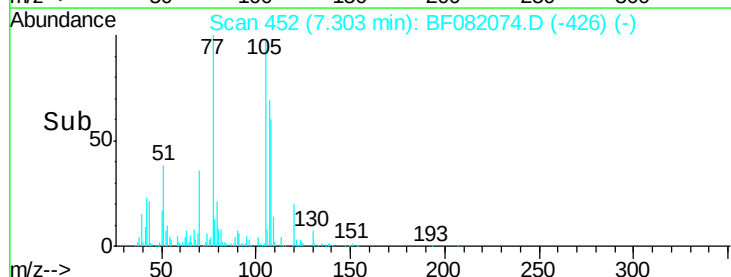


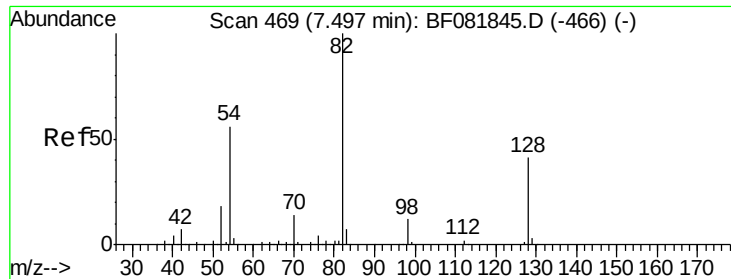
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

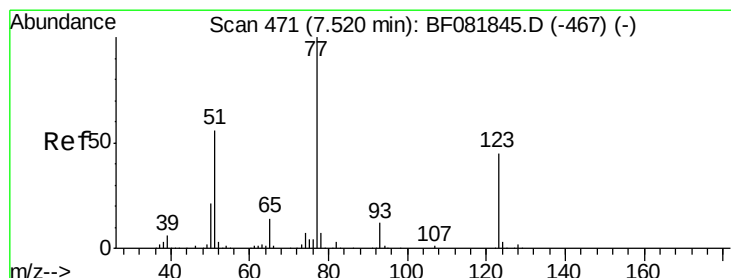
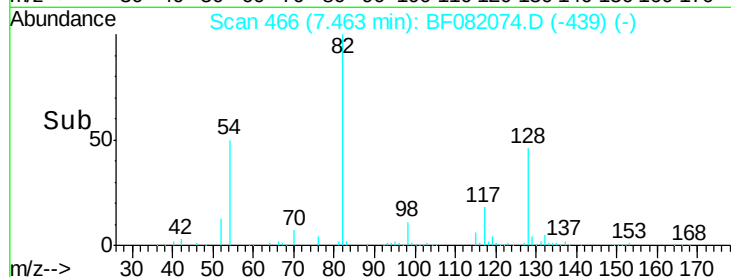
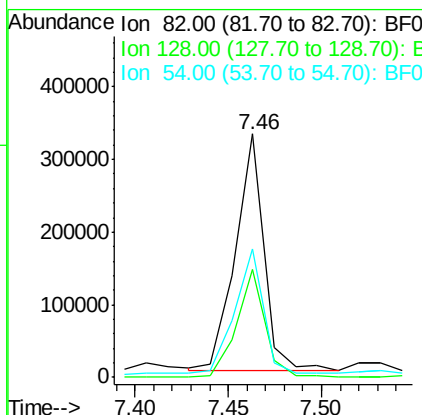
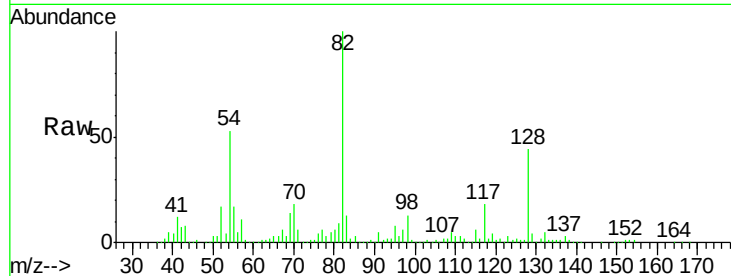




#23
 Nitrobenzene-d5
 Concen: 85.49 ng
 RT: 7.46 min Scan# 466
 Delta R.T. 0.01 min
 Lab File: BF082074.D
 Acq: 6 Oct 2015 6:01

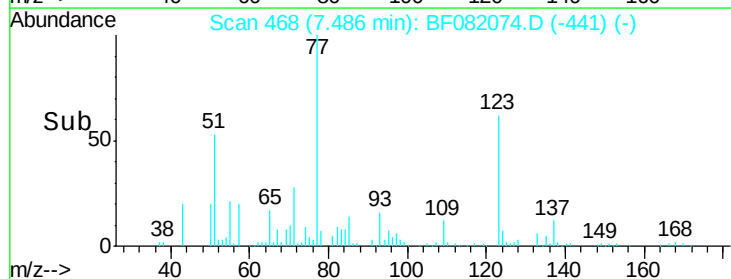
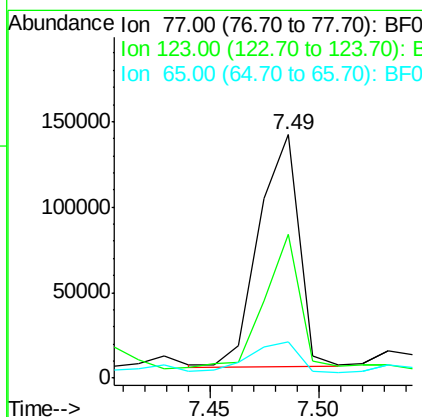
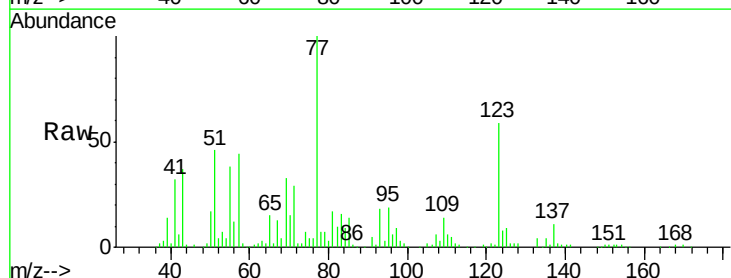
Instrument :
 BNA_F
 ClientSampleId :
 SS-8(0-24)MSD

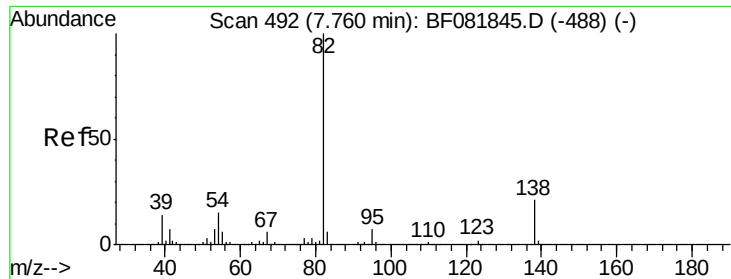
Tgt Ion: 82 Resp: 349489
 Ion Ratio Lower Upper
 82 100
 128 44.4 51.0 76.6#
 54 52.5 47.5 71.3



#24
 Nitrobenzene
 Concen: 39.41 ng
 RT: 7.49 min Scan# 468
 Delta R.T. 0.01 min
 Lab File: BF082074.D
 Acq: 6 Oct 2015 6:01

Tgt Ion: 77 Resp: 174938
 Ion Ratio Lower Upper
 77 100
 123 59.2 59.8 89.8#
 65 14.8 10.2 15.4

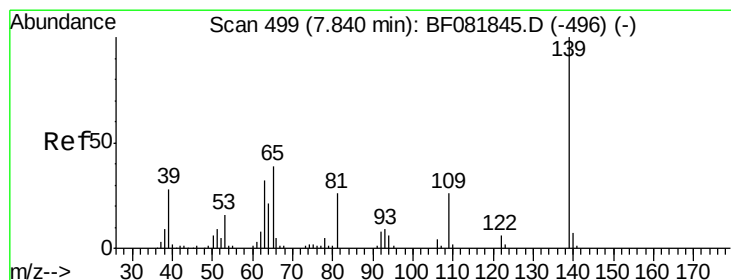
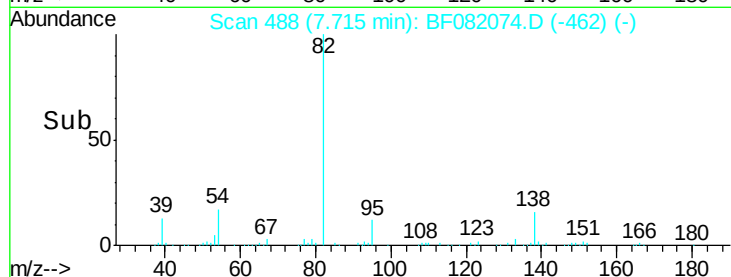
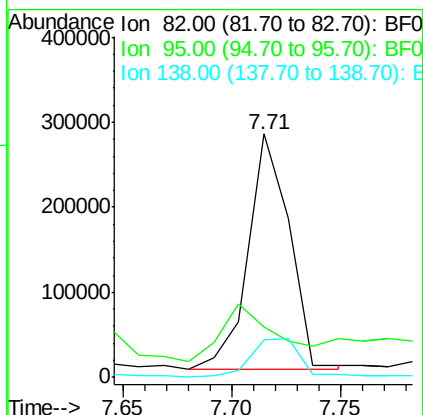
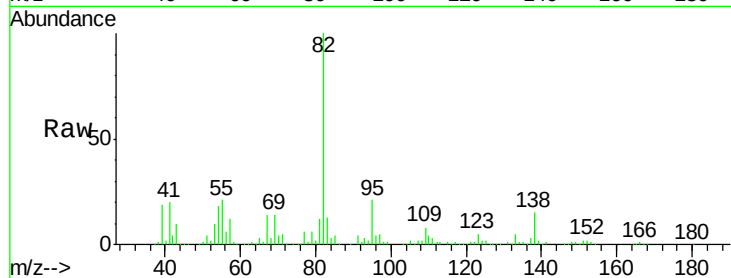




#25
Isophorone
Concen: 45.09 ng
RT: 7.71 min Scan# 488
Delta R.T. -0.00 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

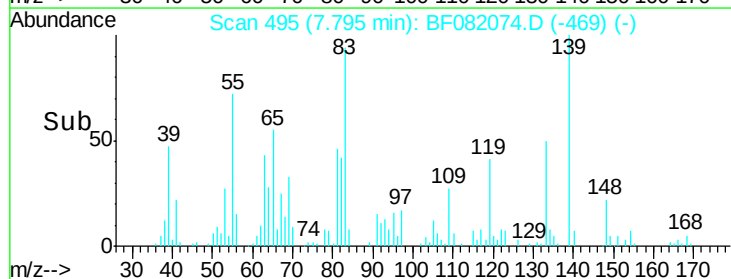
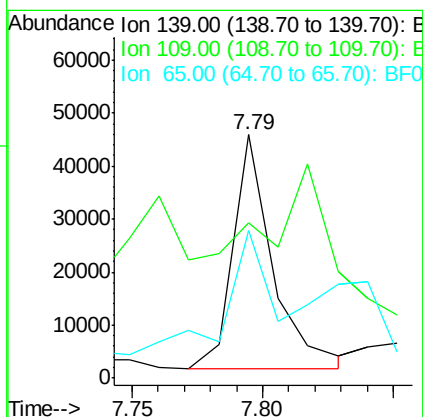
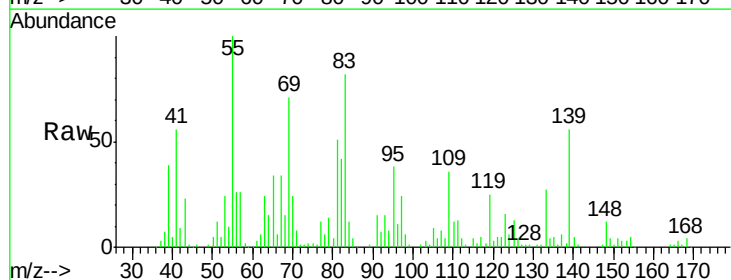
Instrument :
BNA_F
ClientSampleId :
SS-8(0-24)MSD

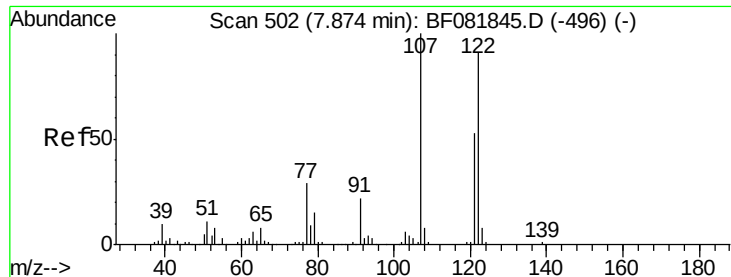
Tgt Ion: 82 Resp: 365372
Ion Ratio Lower Upper
82 100
95 20.6 4.0 6.0#
138 15.2 18.3 27.5#



#26
2-Nitrophenol
Concen: 22.22 ng
RT: 7.79 min Scan# 495
Delta R.T. -0.00 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

Tgt Ion: 139 Resp: 47335
Ion Ratio Lower Upper
139 100
109 63.5 11.0 16.4#
65 60.5 24.7 37.1#

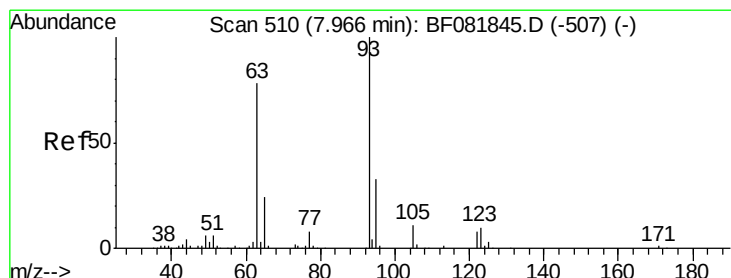
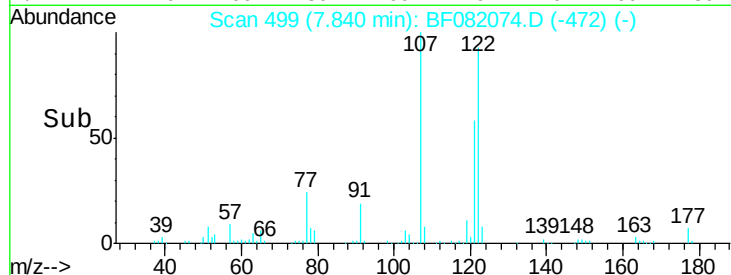
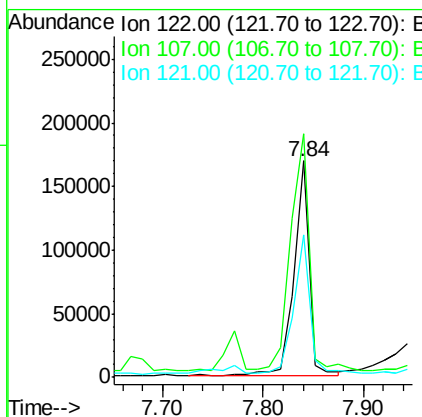
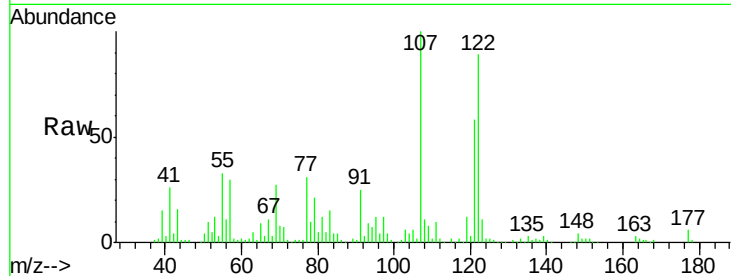




#27
2,4-Dimethylphenol
Concen: 47.42 ng
RT: 7.84 min Scan# 499
Delta R.T. 0.01 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

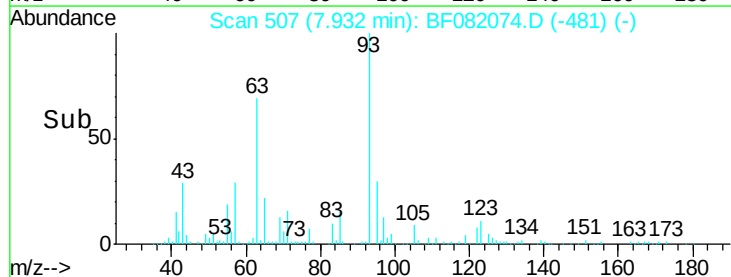
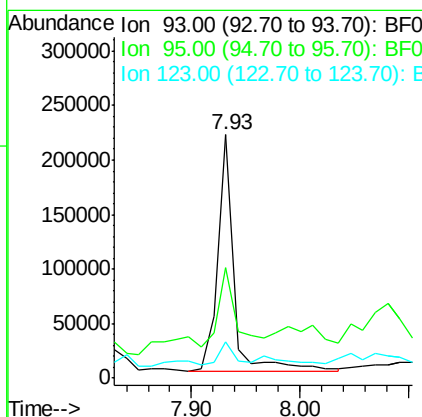
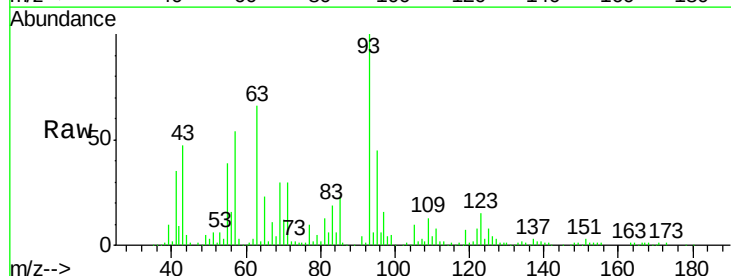
Instrument :
BNA_F
ClientSampleId :
SS-8(0-24)MSD

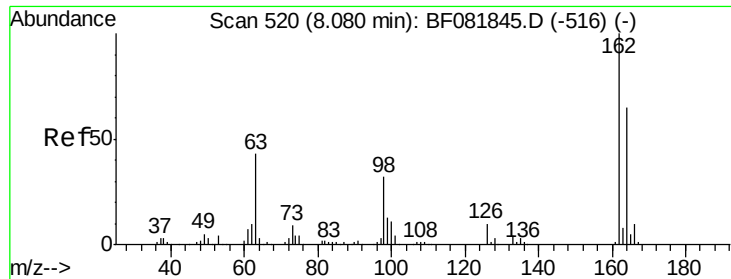
Tgt Ion: 122 Resp: 177739
Ion Ratio Lower Upper
122 100
107 112.5 71.8 107.6#
121 65.5 42.3 63.5#



#28
bis(2-Chloroethoxy)methane
Concen: 47.96 ng
RT: 7.93 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

Tgt Ion: 93 Resp: 230788
Ion Ratio Lower Upper
93 100
95 45.4 27.5 41.3#
123 14.7 13.7 20.5





#29

2,4-Dichlorophenol

Concen: 42.90 ng

RT: 8.05 min Scan# 517

Delta R.T. 0.01 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

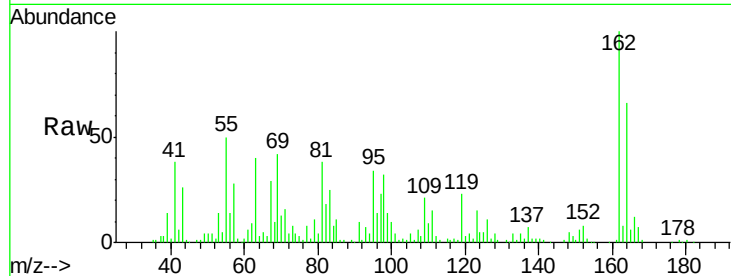
Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MSD

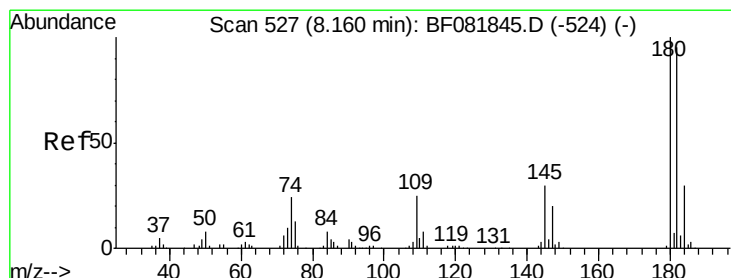
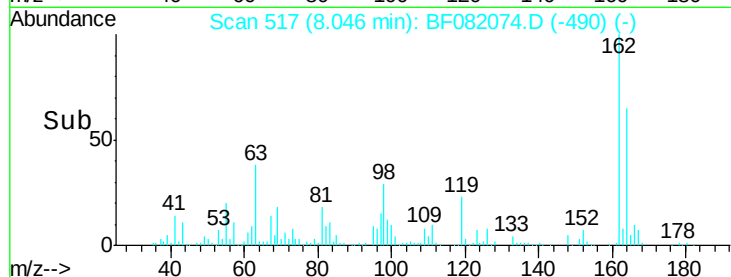
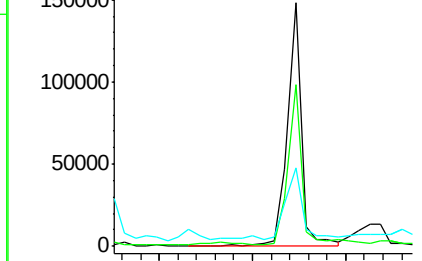
Tgt Ion:	162	Resp:	155939
Ion Ratio	Lower	Upper	
162	100		
164	66.3	44.9	84.9
98	32.3	13.0	53.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 41.05 ng

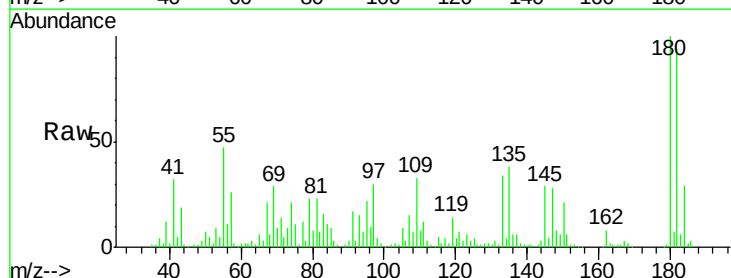
RT: 8.13 min Scan# 524

Delta R.T. 0.01 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

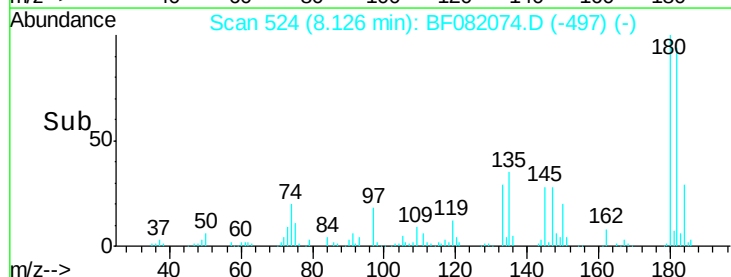
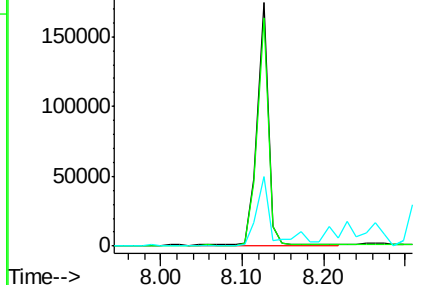
Tgt Ion:	180	Resp:	166590
Ion Ratio	Lower	Upper	
180	100		
182	93.7	77.1	115.7
145	28.7	23.3	34.9

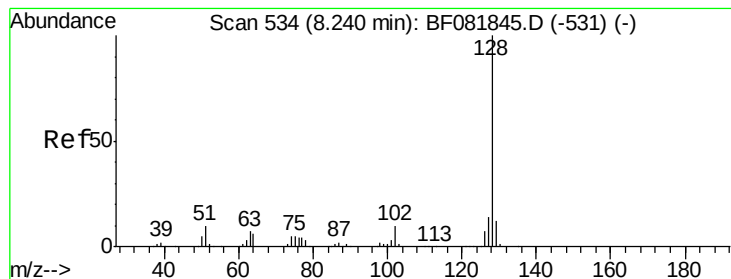


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.47 ng

RT: 8.21 min Scan# 531

Delta R.T. 0.01 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MSD

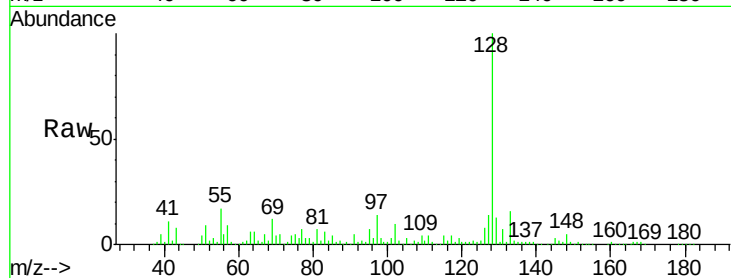
Tgt Ion:128 Resp: 500782

Ion Ratio Lower Upper

128 100

129 12.5 8.4 12.6

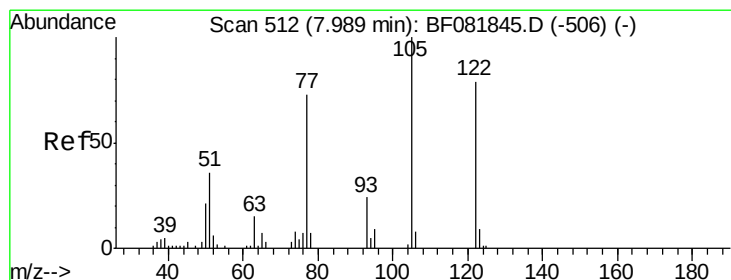
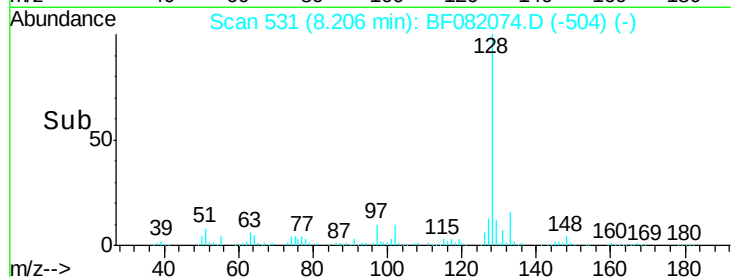
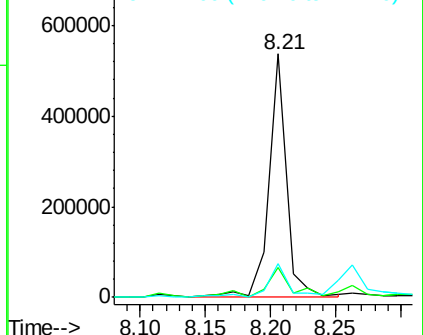
127 13.9 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 30.47 ng

RT: 7.94 min Scan# 508

Delta R.T. -0.01 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

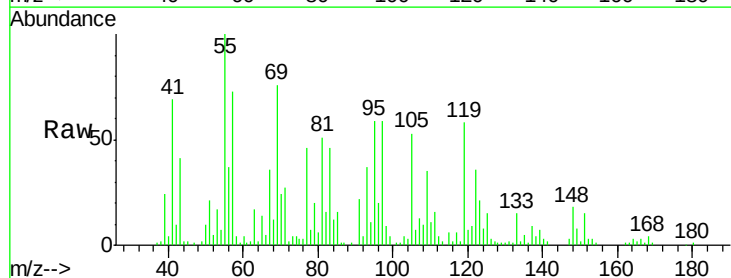
Tgt Ion:122 Resp: 61223

Ion Ratio Lower Upper

122 100

105 148.6 76.1 116.1#

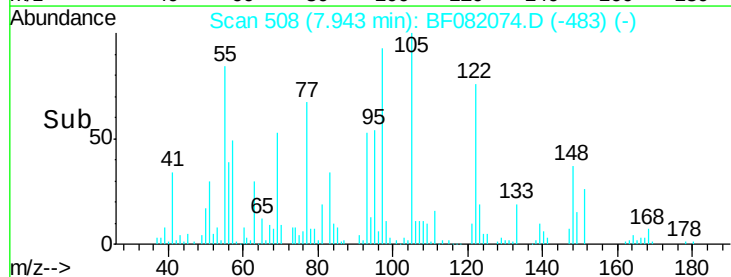
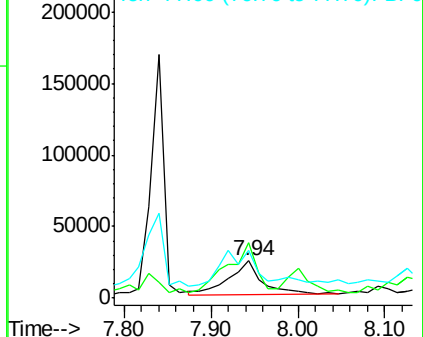
77 127.2 40.5 80.5#

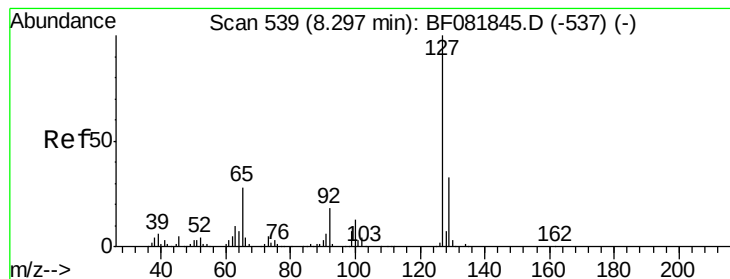


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 19.99 ng

RT: 8.26 min Scan# 536

Delta R.T. 0.01 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MSD

Tgt Ion:127 Resp: 104361

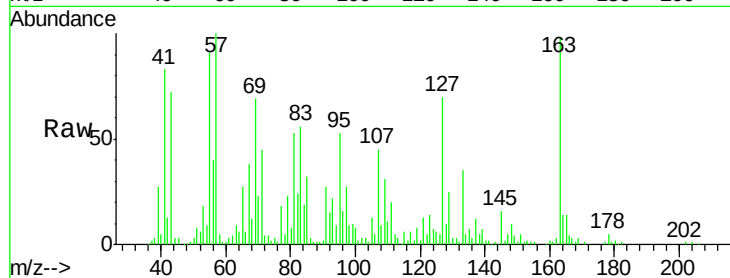
Ion Ratio Lower Upper

127 100

129 35.2 25.8 38.6

65 39.4 17.9 26.9#

92 21.3 10.5 15.7#

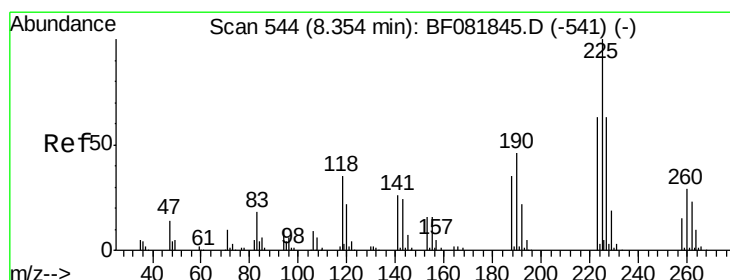
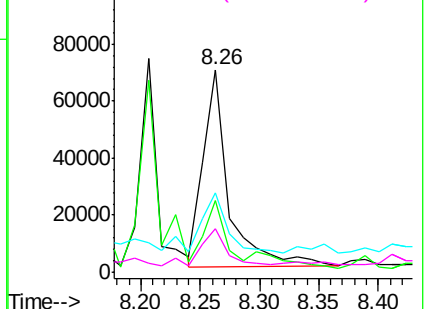
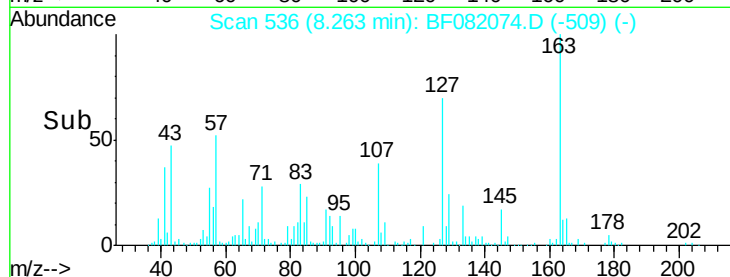


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 46.31 ng

RT: 8.32 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

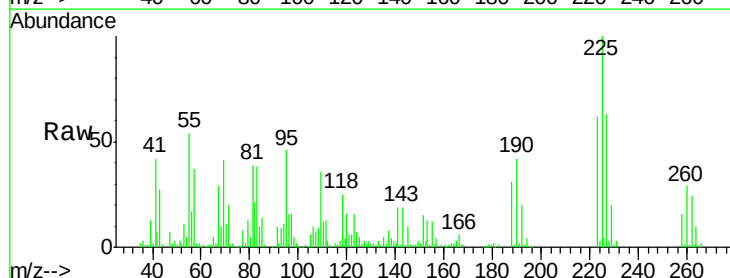
Tgt Ion:225 Resp: 111133

Ion Ratio Lower Upper

225 100

223 62.2 50.2 75.2

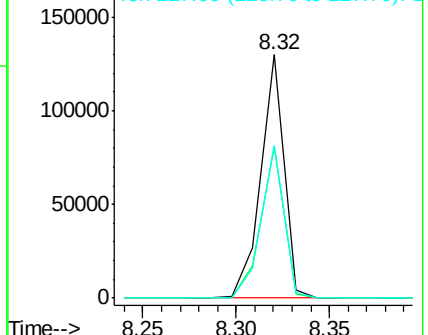
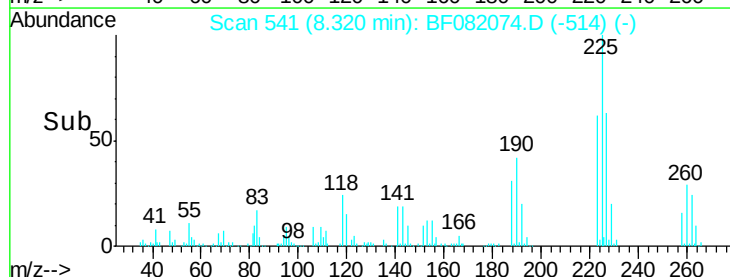
227 63.0 52.2 78.2

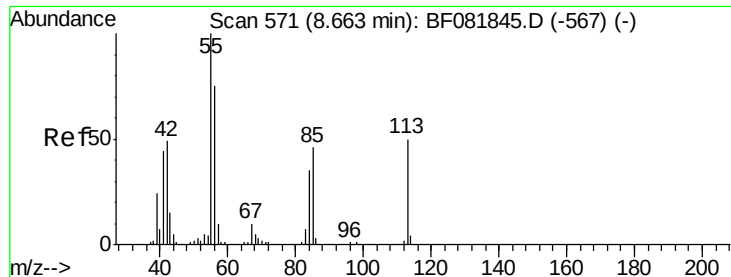


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 99.19 ng

RT: 8.61 min Scan# 566

Delta R.T. -0.02 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MSD

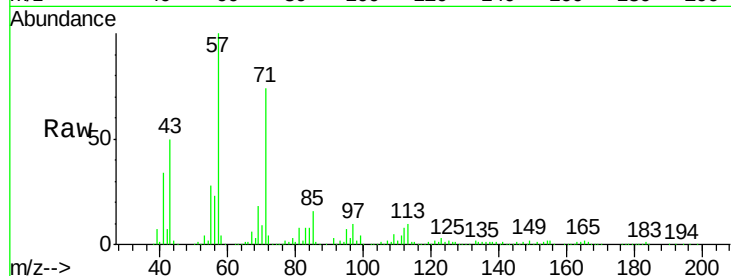
Tgt Ion:113 Resp: 99806

Ion Ratio Lower Upper

113 100

55 285.1 152.4 192.4#

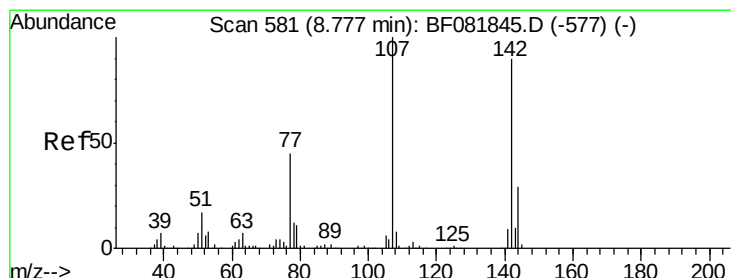
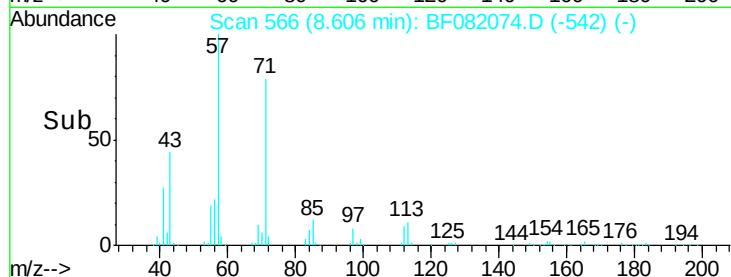
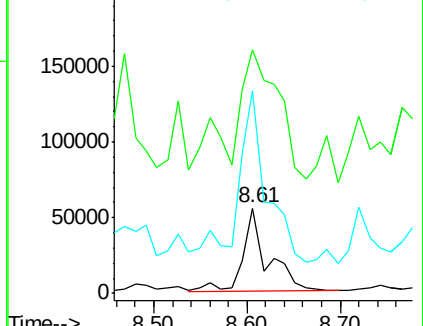
56 237.9 104.6 144.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 44.88 ng

RT: 8.74 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

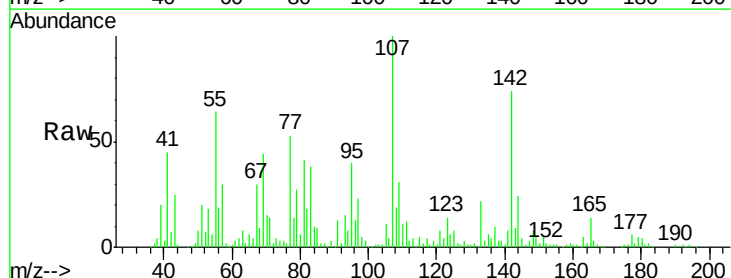
Tgt Ion:107 Resp: 159500

Ion Ratio Lower Upper

107 100

144 24.4 25.4 38.0#

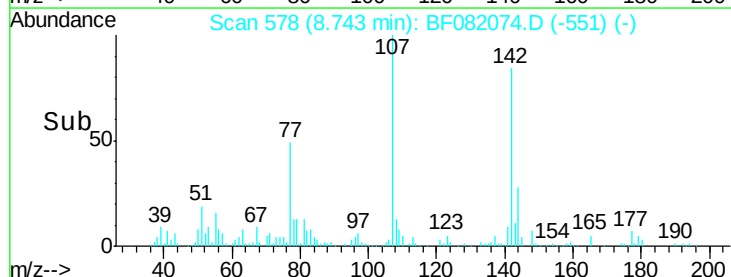
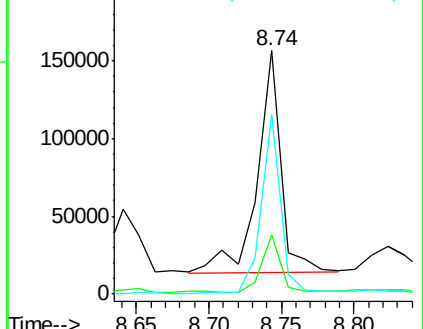
142 73.9 77.3 115.9#

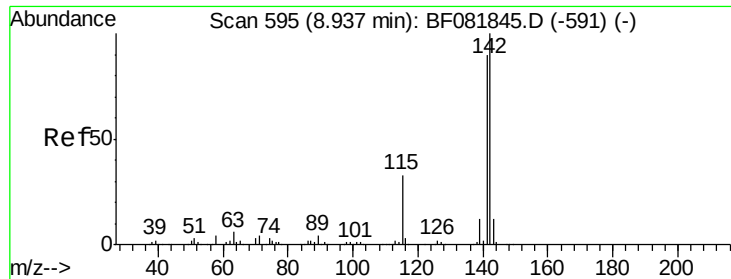


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

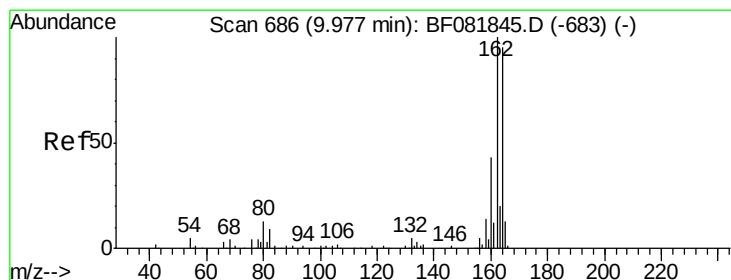
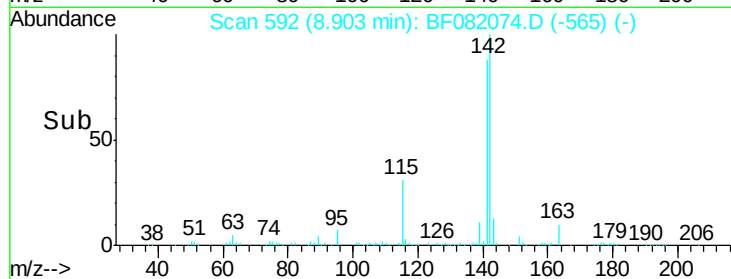
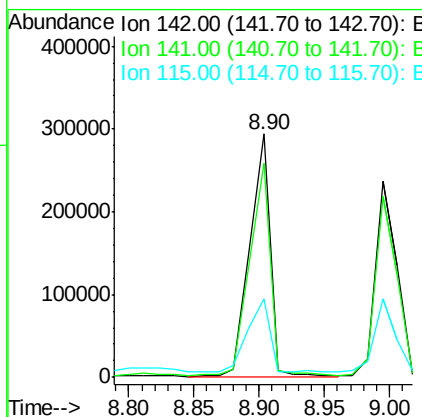
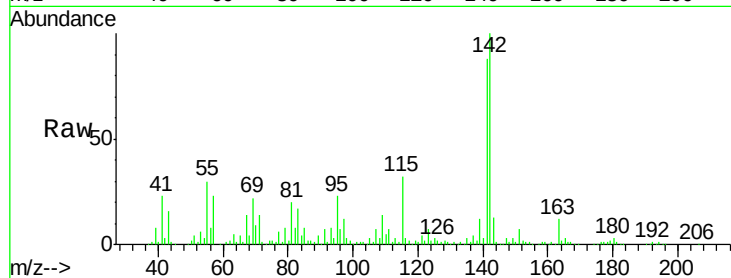




#37
 2-Methylnaphthalene
 Concen: 38.72 ng
 RT: 8.90 min Scan# 592
 Delta R.T. 0.01 min
 Lab File: BF082074.D
 Acq: 6 Oct 2015 6:01

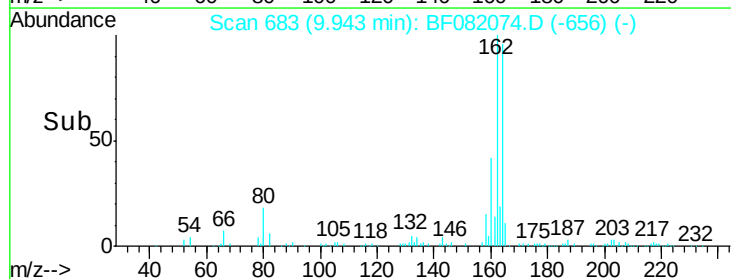
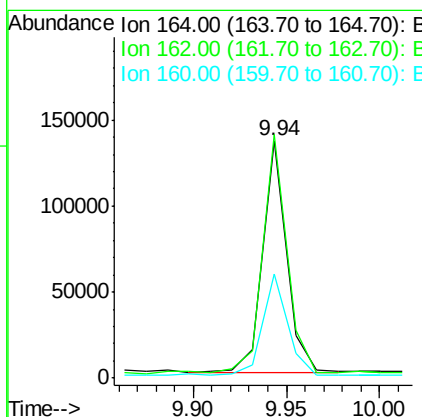
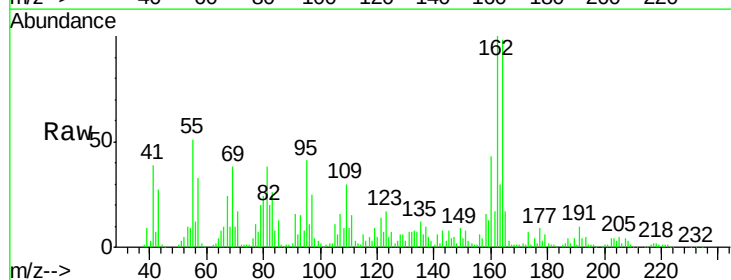
Instrument :
 BNA_F
 ClientSampleId :
 SS-8(0-24)MSD

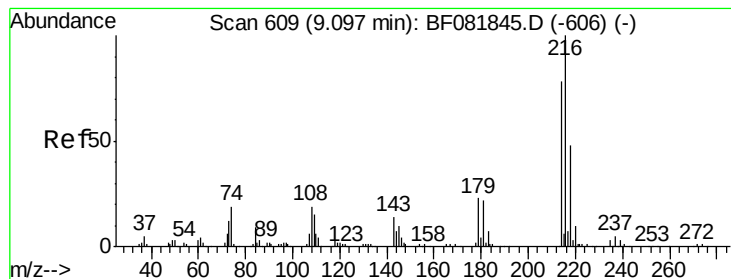
Tgt Ion:142 Resp: 319103
 Ion Ratio Lower Upper
 142 100
 141 88.2 67.5 101.3
 115 32.0 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 683
 Delta R.T. 0.01 min
 Lab File: BF082074.D
 Acq: 6 Oct 2015 6:01

Tgt Ion:164 Resp: 117560
 Ion Ratio Lower Upper
 164 100
 162 102.4 75.2 112.8
 160 43.9 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.44 ng

RT: 9.06 min Scan# 606

Delta R.T. 0.01 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

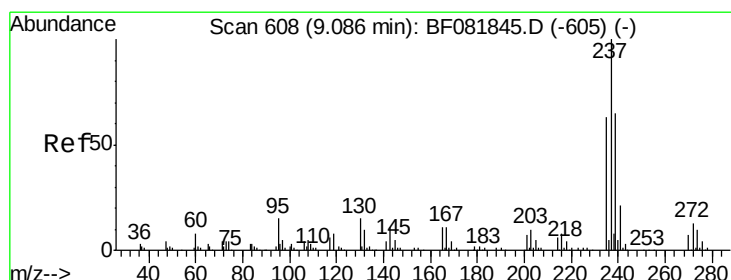
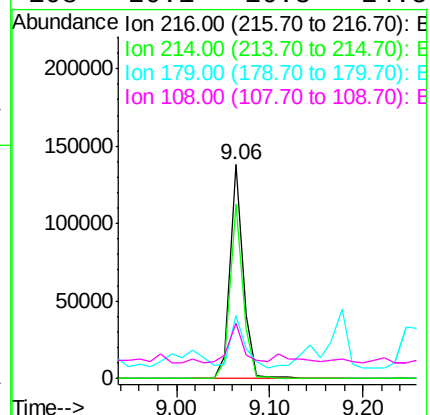
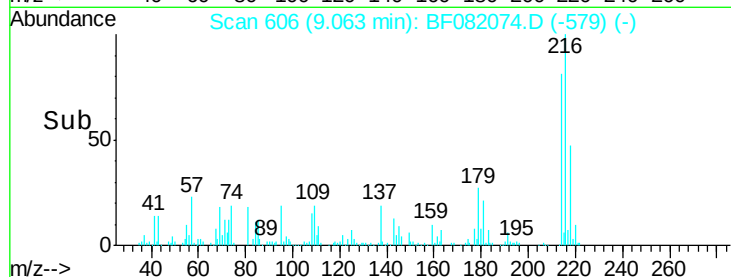
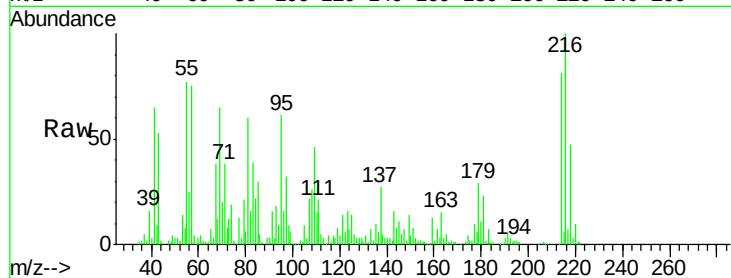
Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MSD

Tgt Ion:	216	Resp:	135133
Ion Ratio		Lower	Upper
216	100		
214	79.8	63.5	95.3
179	27.4	16.6	24.8#
108	20.1	16.3	24.5



#40

Hexachlorocyclopentadiene

Concen: 3.18 ng

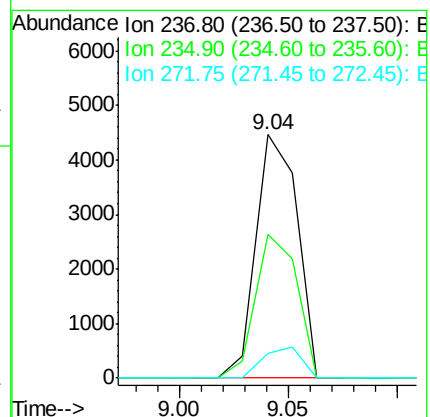
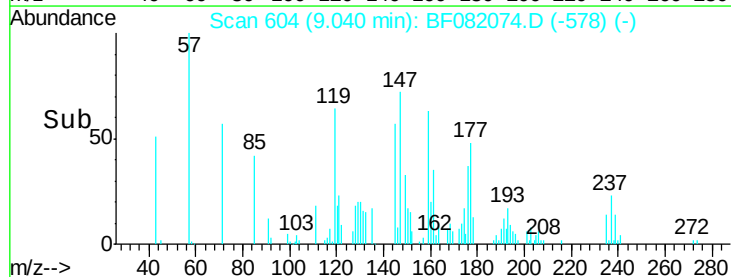
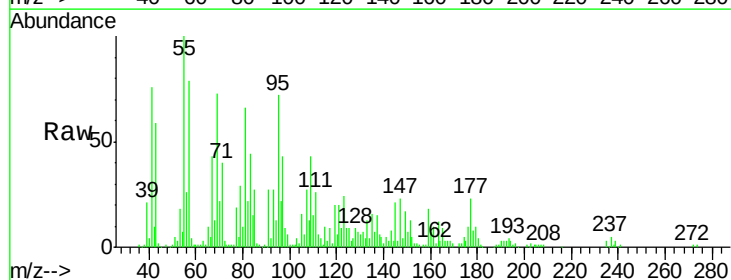
RT: 9.04 min Scan# 604

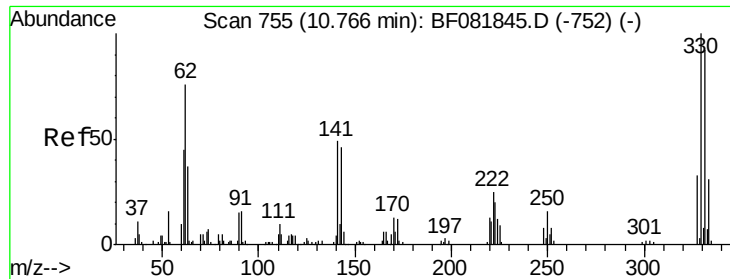
Delta R.T. -0.00 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Tgt Ion:	237	Resp:	5911
Ion Ratio		Lower	Upper
237	100		
235	59.0	42.0	82.0
272	9.9	0.0	36.1

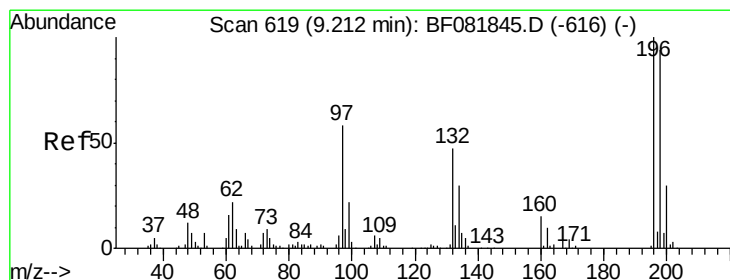
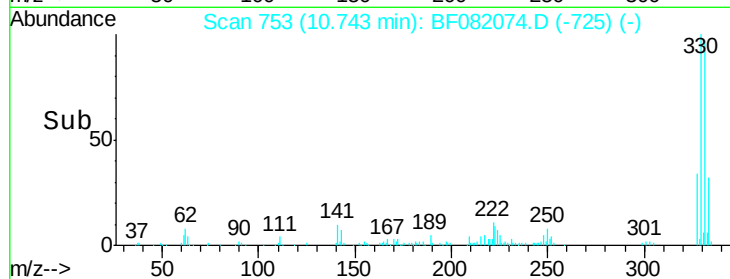
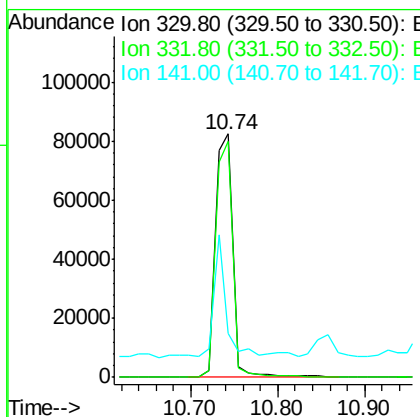
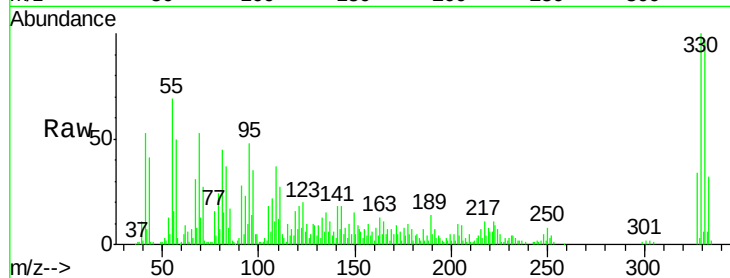




#41
 2,4,6-Tribromophenol
 Concen: 98.90 ng
 RT: 10.74 min Scan# 753
 Delta R.T. 0.02 min
 Lab File: BF082074.D
 Acq: 6 Oct 2015 6:01

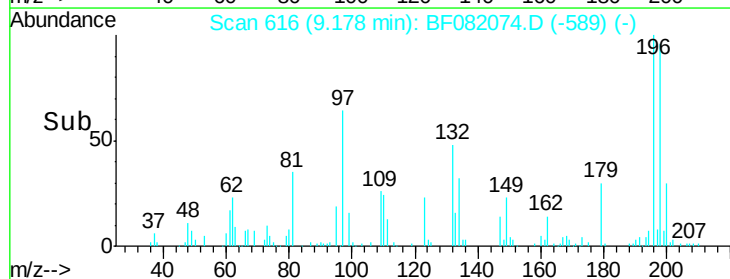
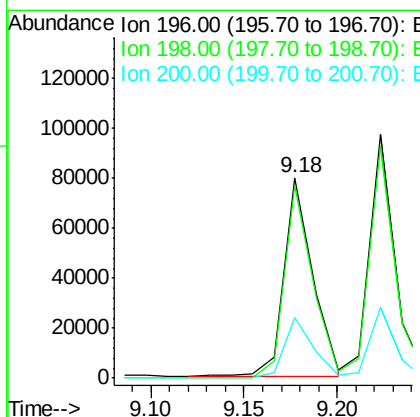
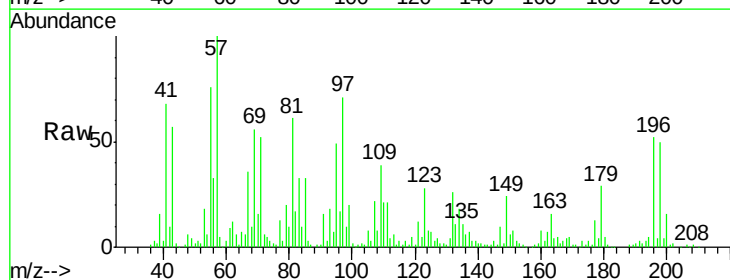
Instrument :
 BNA_F
 ClientSampleId :
 SS-8(0-24)MSD

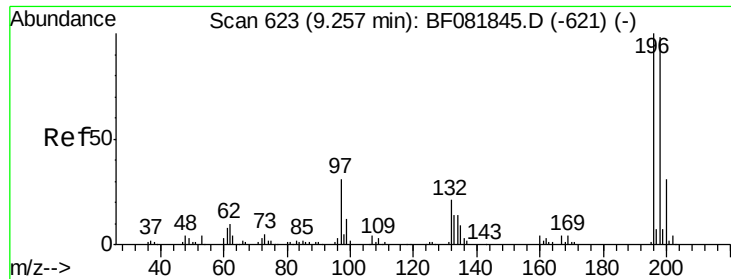
Tgt Ion:330 Resp: 117754
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 114.8
 141 37.5 29.7 44.5



#42
 2,4,6-Trichlorophenol
 Concen: 34.24 ng
 RT: 9.18 min Scan# 616
 Delta R.T. 0.01 min
 Lab File: BF082074.D
 Acq: 6 Oct 2015 6:01

Tgt Ion:196 Resp: 84712
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.7 113.5
 200 30.2 23.9 35.9

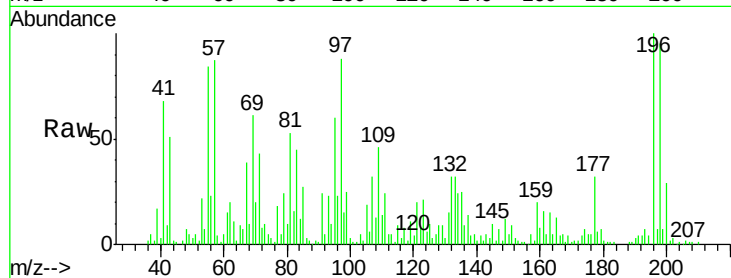




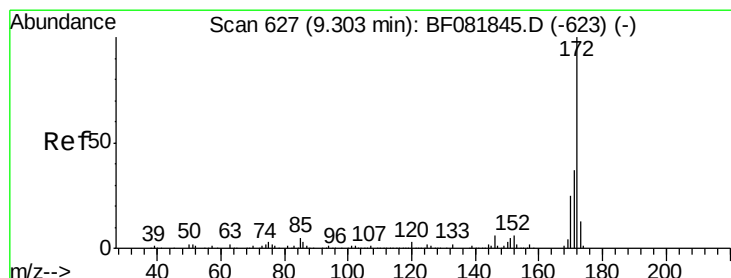
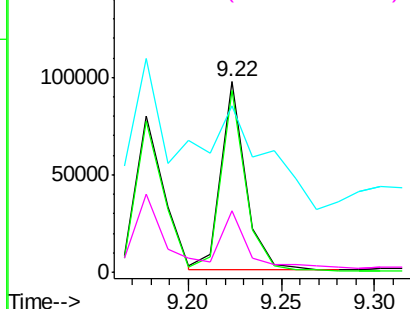
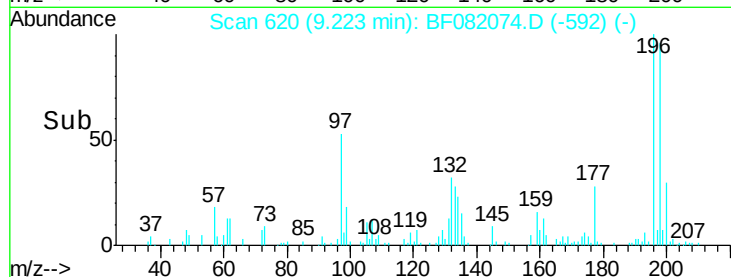
#43
 2,4,5-Trichlorophenol
 Concen: 35.06 ng
 RT: 9.22 min Scan# 620
 Delta R.T. 0.02 min
 Lab File: BF082074.D
 Acq: 6 Oct 2015 6:01

Instrument :
 BNA_F
 ClientSampleId :
 SS-8(0-24)MSD

Tgt Ion:196 Resp: 89198
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.4 113.0
 97 87.5 33.3 49.9#
 132 32.4 24.6 37.0

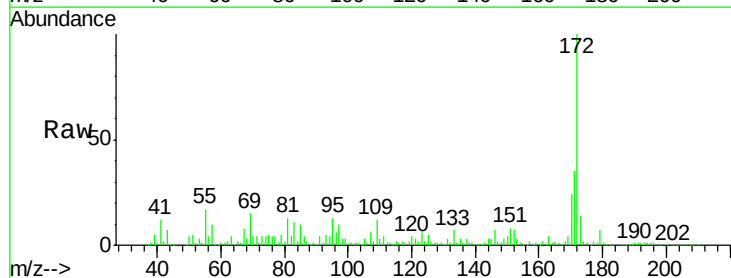


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

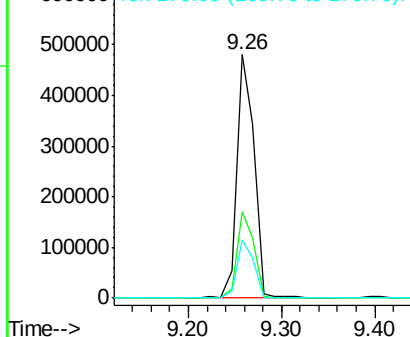
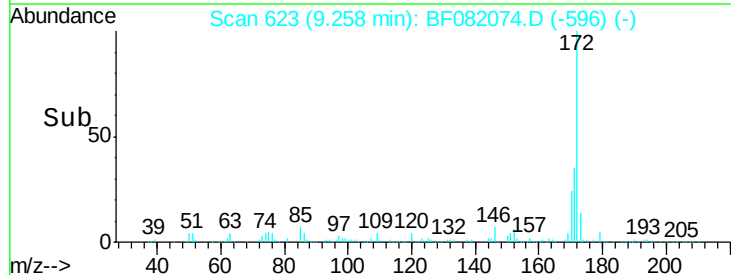


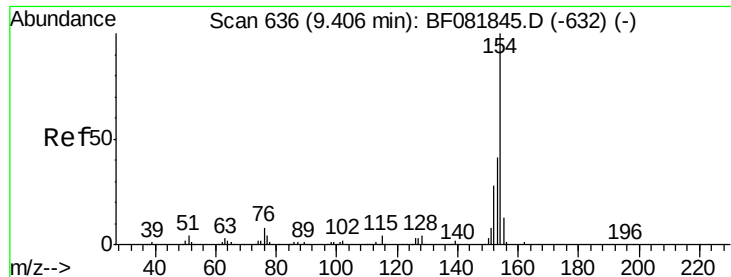
#44
 2-Fluorobiphenyl
 Concen: 89.10 ng
 RT: 9.26 min Scan# 623
 Delta R.T. 0.01 min
 Lab File: BF082074.D
 Acq: 6 Oct 2015 6:01

Tgt Ion:172 Resp: 620125
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.1 39.1
 170 23.7 17.4 26.2



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





#45

1,1'-Biphenyl

Concen: 37.74 ng

RT: 9.36 min Scan# 632

Delta R.T. 0.01 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MSD

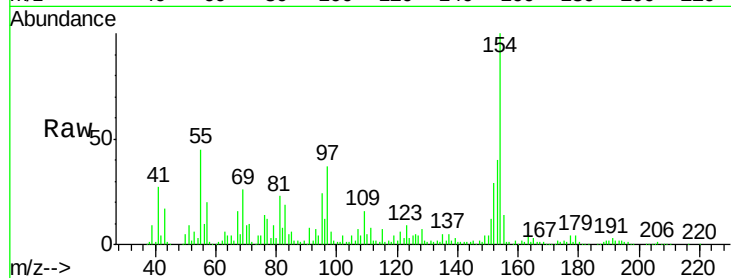
Tgt Ion:154 Resp: 342266

Ion Ratio Lower Upper

154 100

153 40.3 17.1 57.1

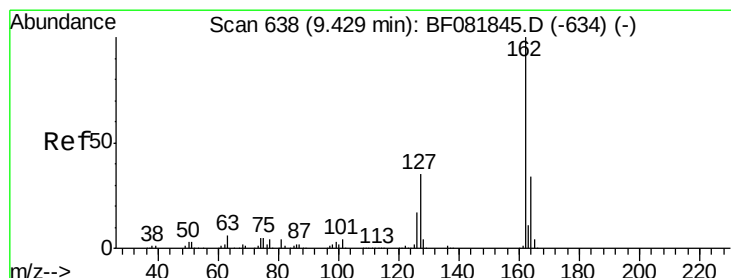
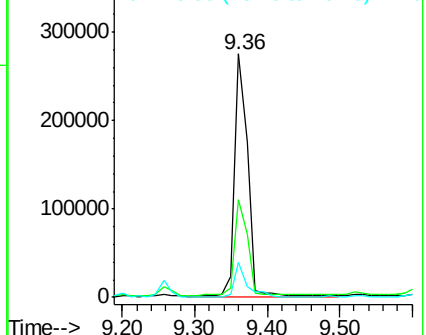
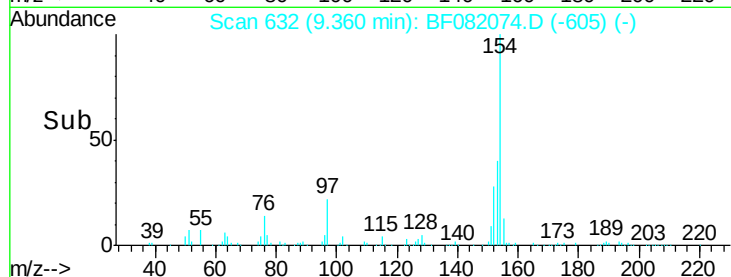
76 14.1 0.0 31.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.56 ng

RT: 9.39 min Scan# 635

Delta R.T. 0.01 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

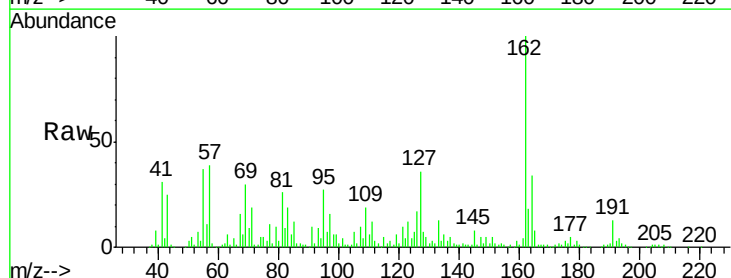
Tgt Ion:162 Resp: 274606

Ion Ratio Lower Upper

162 100

127 35.6 27.6 41.4

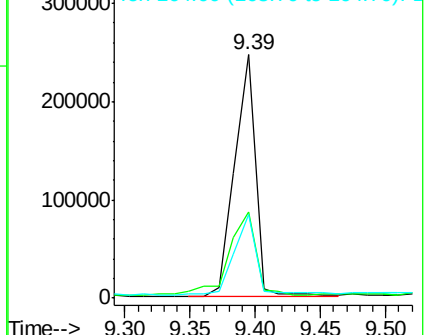
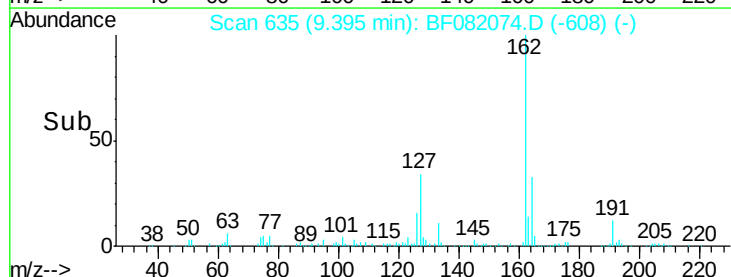
164 34.2 25.4 38.2

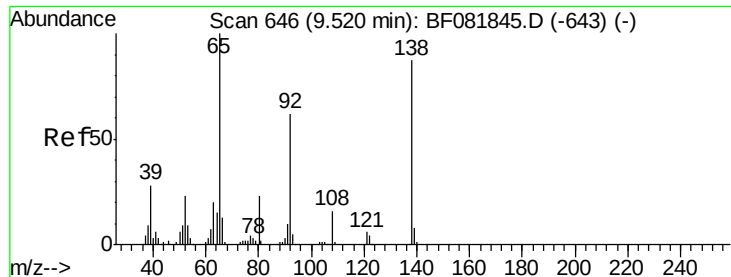


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

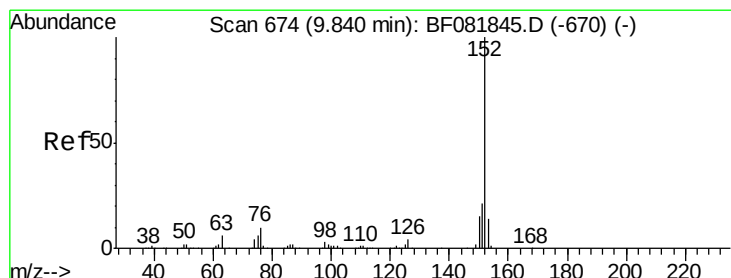
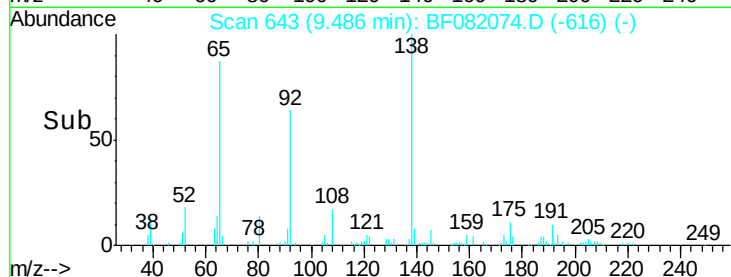
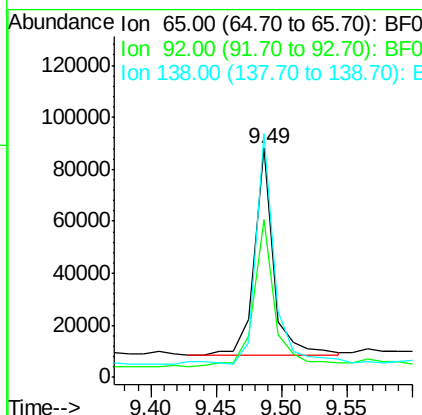
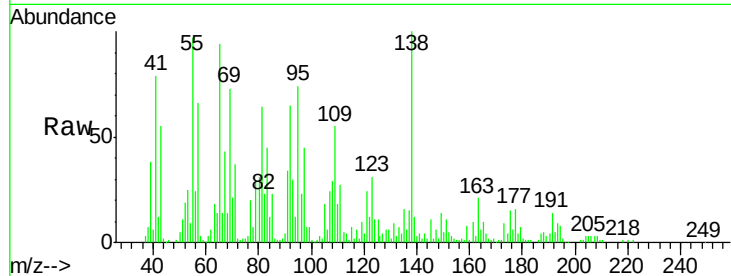




#47
2-Nitroaniline
Concen: 39.45 ng
RT: 9.49 min Scan# 643
Delta R.T. 0.01 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

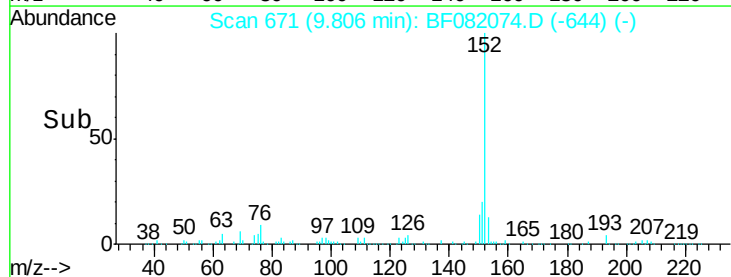
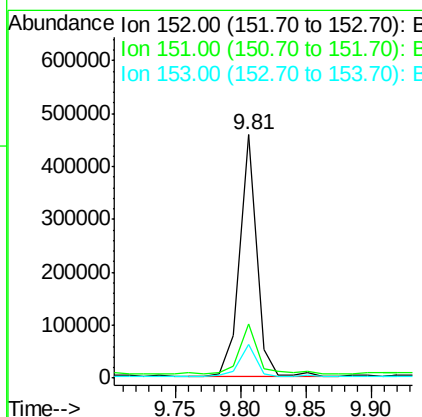
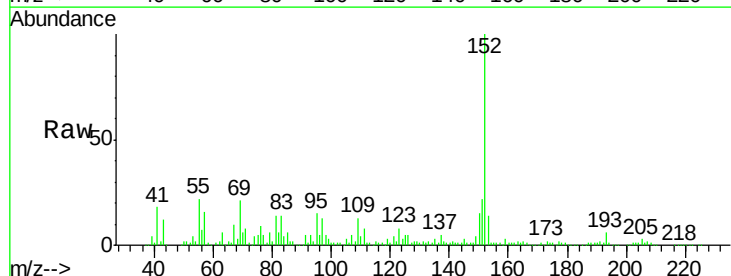
Instrument :
BNA_F
ClientSampleId :
SS-8(0-24)MSD

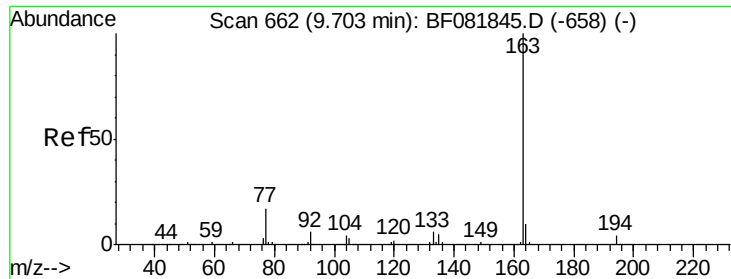
Tgt Ion: 65 Resp: 82464
Ion Ratio Lower Upper
65 100
92 69.1 55.4 83.0
138 106.3 115.5 173.3#



#48
Acenaphthylene
Concen: 36.05 ng
RT: 9.81 min Scan# 671
Delta R.T. 0.01 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

Tgt Ion: 152 Resp: 410853
Ion Ratio Lower Upper
152 100
151 22.2 14.6 22.0#
153 13.9 10.3 15.5

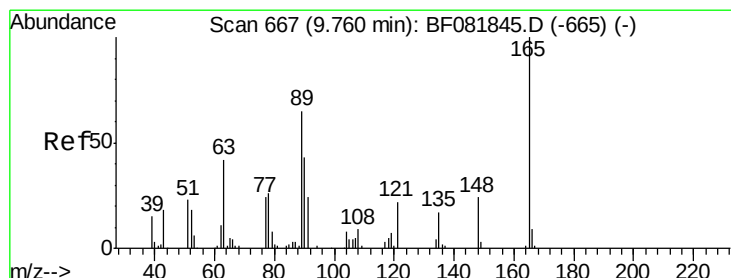
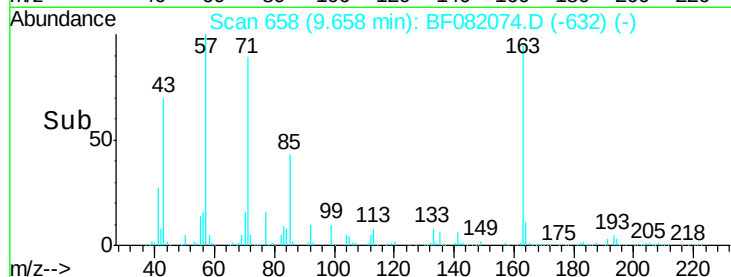
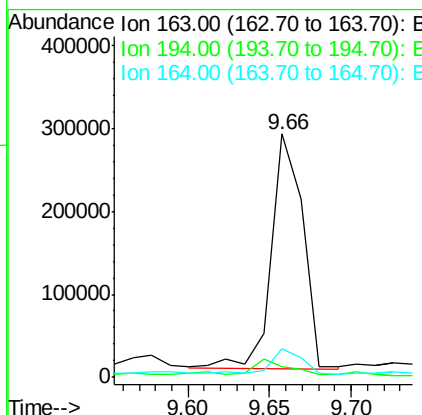
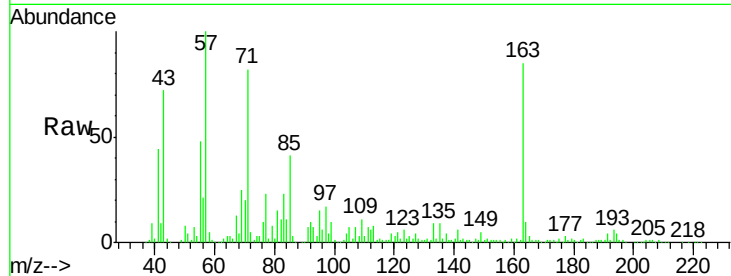




#49
Dimethylphthalate
Concen: 46.72 ng
RT: 9.66 min Scan# 658
Delta R.T. -0.00 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

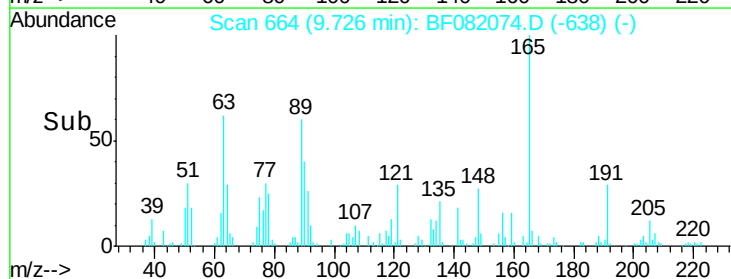
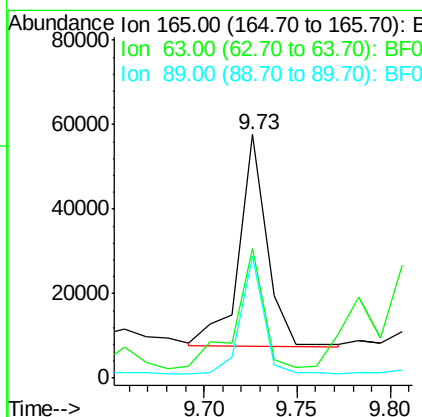
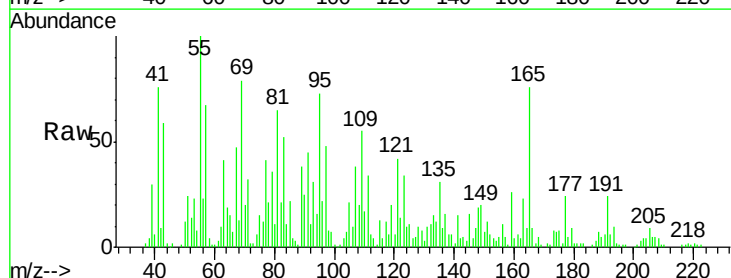
Instrument :
BNA_F
ClientSampleId :
SS-8(0-24)MSD

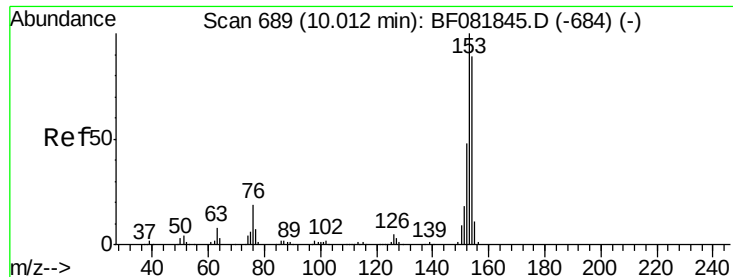
Tgt Ion:163 Resp: 379147
Ion Ratio Lower Upper
163 100
194 4.6 4.4 6.6
164 11.9 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 29.80 ng
RT: 9.73 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

Tgt Ion:165 Resp: 52504
Ion Ratio Lower Upper
165 100
63 53.5 32.3 48.5#
89 50.4 28.6 43.0#

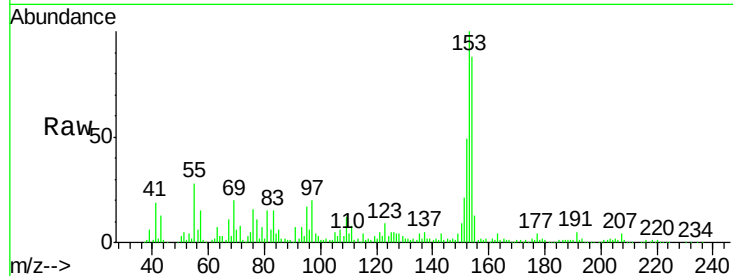




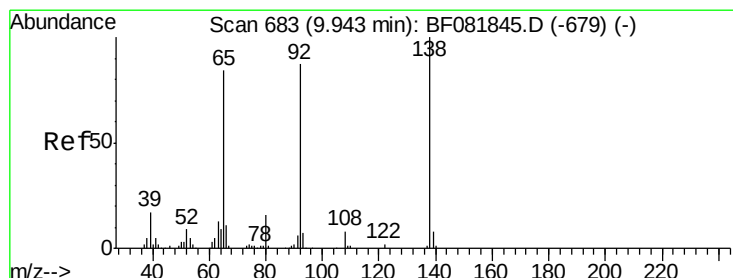
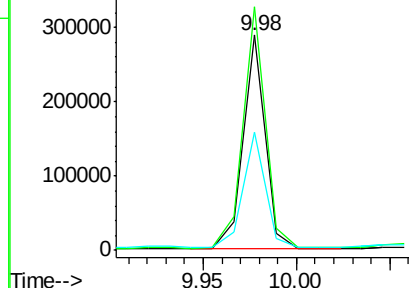
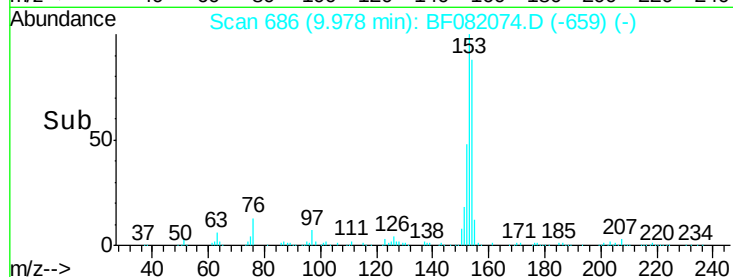
#51
Acenaphthene
Concen: 35.48 ng
RT: 9.98 min Scan# 686
Delta R.T. 0.01 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

Instrument :
BNA_F
ClientSampleId :
SS-8(0-24)MSD

Tgt Ion:154 Resp: 240142
Ion Ratio Lower Upper
154 100
153 113.2 82.1 123.1
152 55.1 37.9 56.9

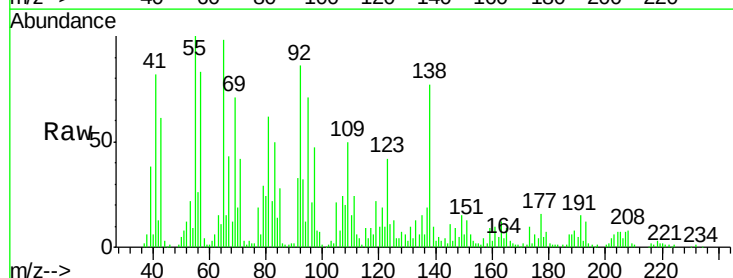


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

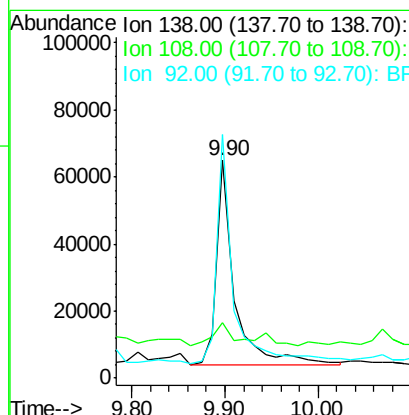
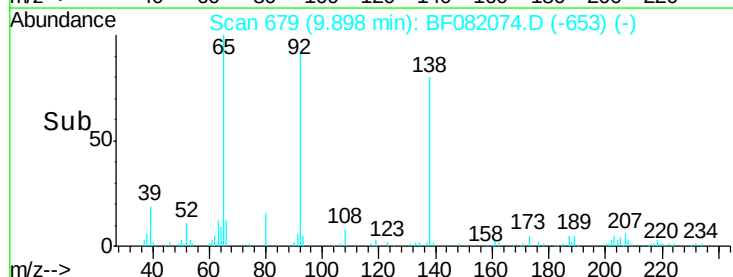


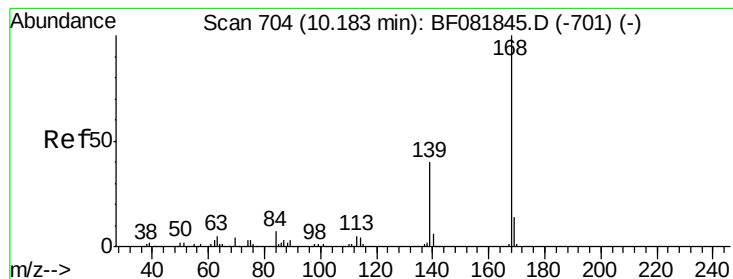
#52
3-Nitroaniline
Concen: 40.22 ng
RT: 9.90 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

Tgt Ion:138 Resp: 81977
Ion Ratio Lower Upper
138 100
108 25.5 5.7 8.5#
92 112.0 67.7 101.5#



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





#54

Dibenzofuran

Concen: 39.39 ng

RT: 10.15 min Scan# 701

Delta R.T. 0.01 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MSD

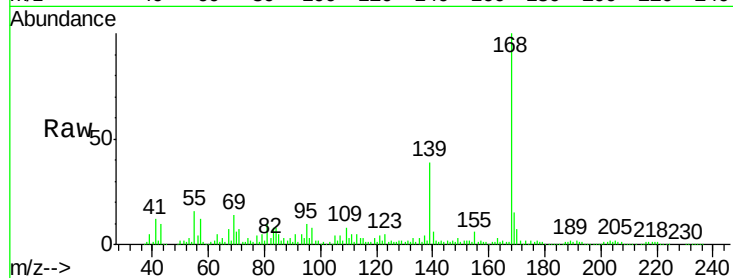
Tgt Ion:168 Resp: 376801

Ion Ratio Lower Upper

168 100

139 38.5 24.2 36.2#

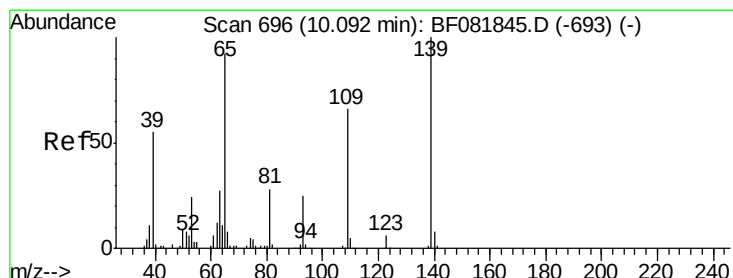
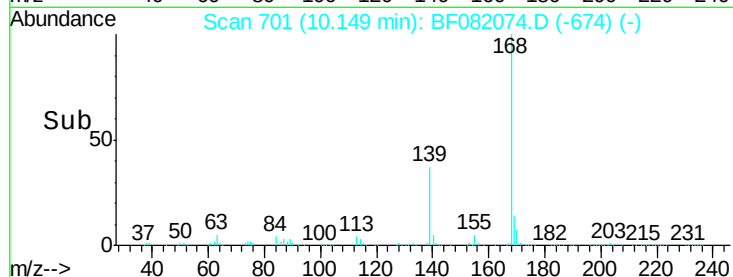
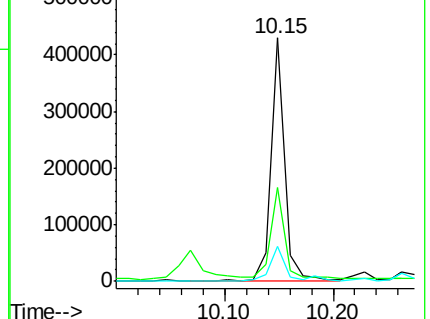
169 14.6 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 51.72 ng

RT: 10.07 min Scan# 694

Delta R.T. 0.02 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

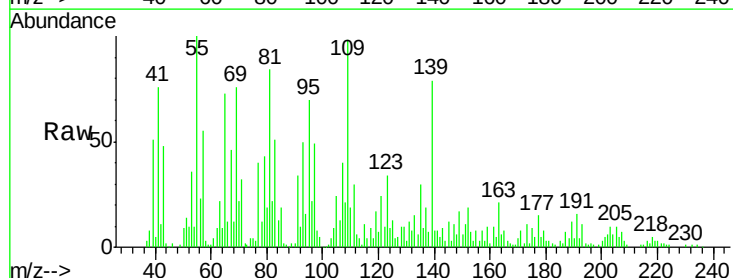
Tgt Ion:139 Resp: 76171

Ion Ratio Lower Upper

139 100

109 124.7 12.7 52.7#

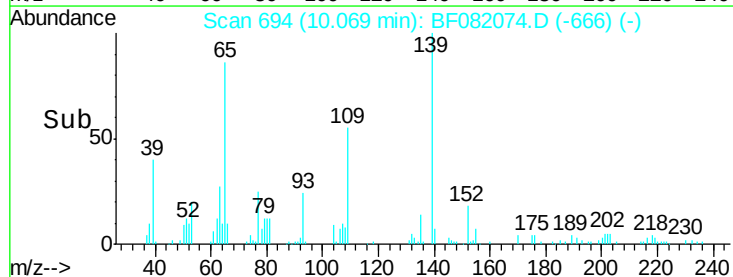
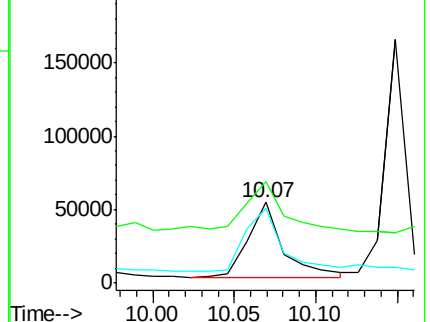
65 92.1 45.9 85.9#

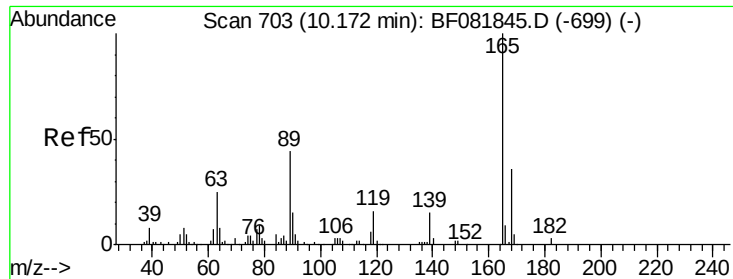


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

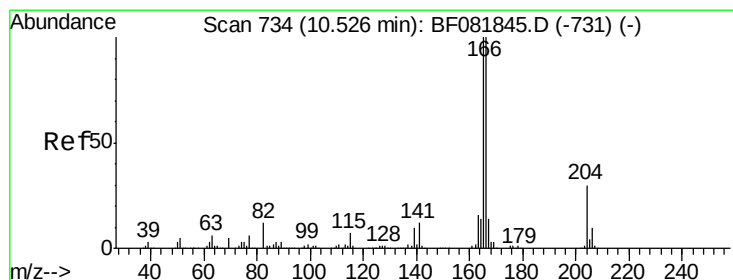
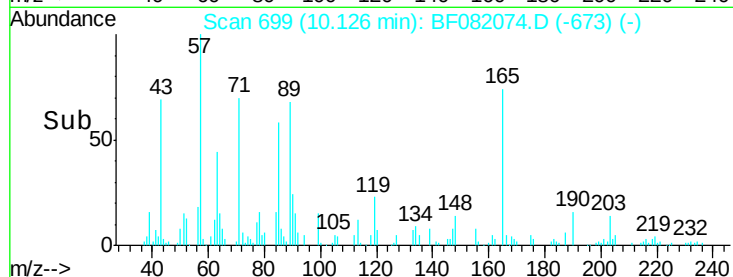
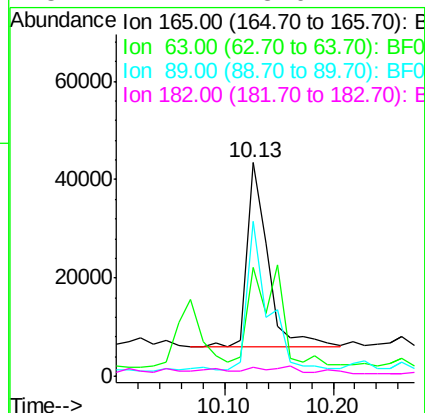
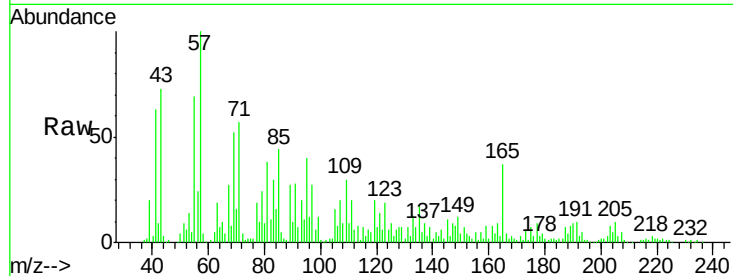




#56
 2,4-Dinitrotoluene
 Concen: 22.23 ng
 RT: 10.13 min Scan# 699
 Delta R.T. -0.00 min
 Lab File: BF082074.D
 Acq: 6 Oct 2015 6:01

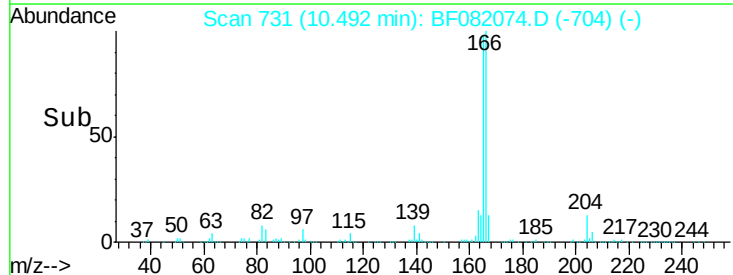
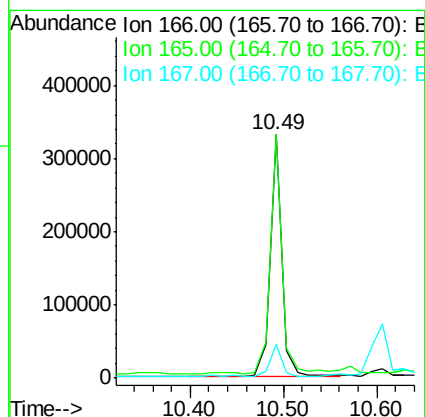
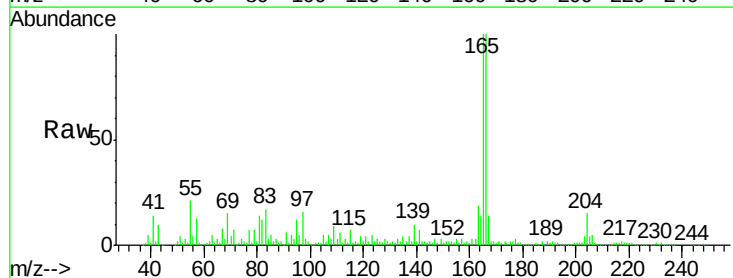
Instrument :
 BNA_F
 ClientSampleId :
 SS-8(0-24)MSD

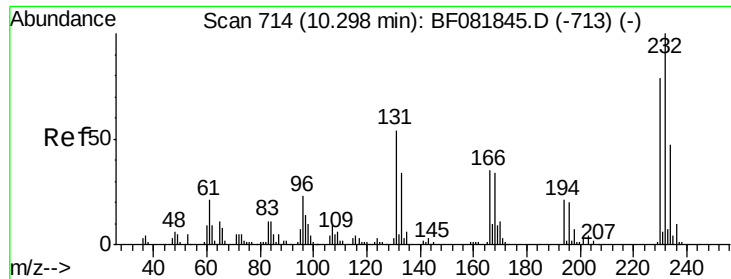
Tgt Ion:165 Resp: 49927
 Ion Ratio Lower Upper
 165 100
 63 50.7 29.8 44.6#
 89 72.8 44.5 66.7#
 182 4.1 3.0 4.4



#57
 Fluorene
 Concen: 42.61 ng
 RT: 10.49 min Scan# 731
 Delta R.T. 0.01 min
 Lab File: BF082074.D
 Acq: 6 Oct 2015 6:01

Tgt Ion:166 Resp: 292267
 Ion Ratio Lower Upper
 166 100
 165 99.9 72.6 109.0
 167 13.9 10.6 16.0

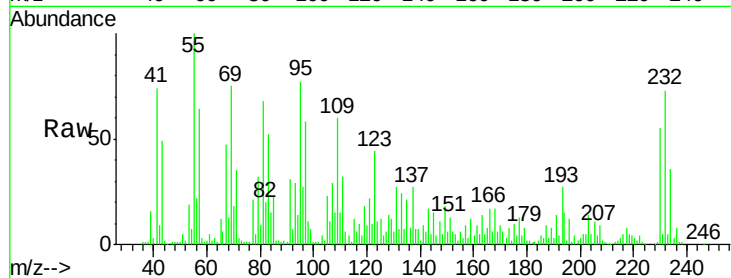




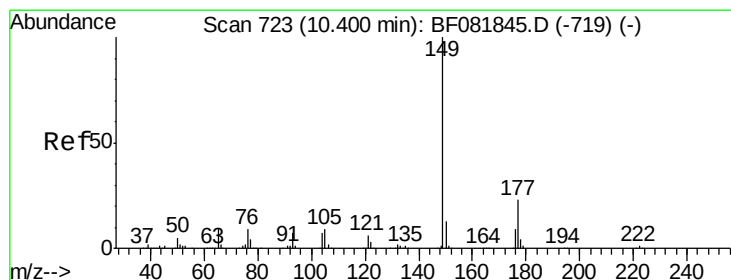
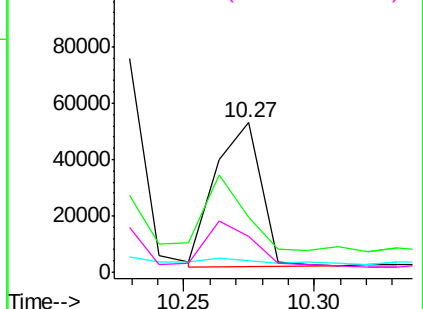
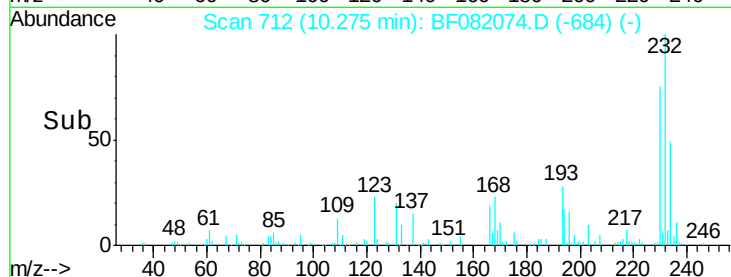
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 30.94 ng
 RT: 10.27 min Scan# 712
 Delta R.T. 0.02 min
 Lab File: BF082074.D
 Acq: 6 Oct 2015 6:01

Instrument :
 BNA_F
 ClientSampleId :
 SS-8(0-24)MSD

Tgt Ion: 232 Resp: 62449
 Ion Ratio Lower Upper
 232 100
 131 47.1 38.5 57.7
 130 6.7 1.8 2.6#
 166 33.7 25.0 37.6

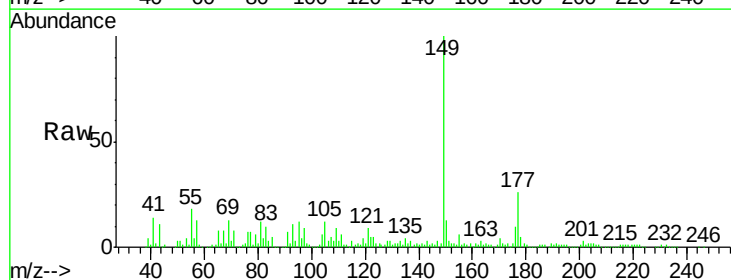


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

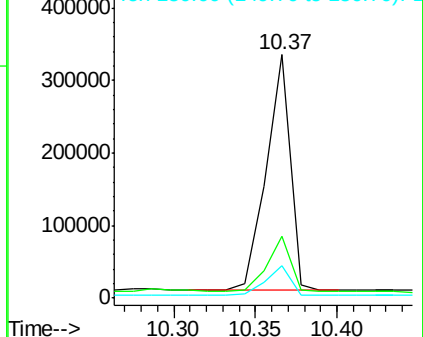
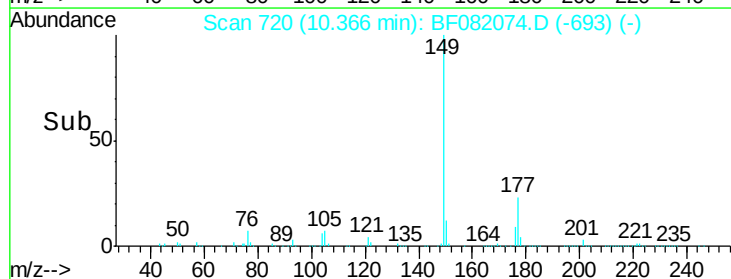


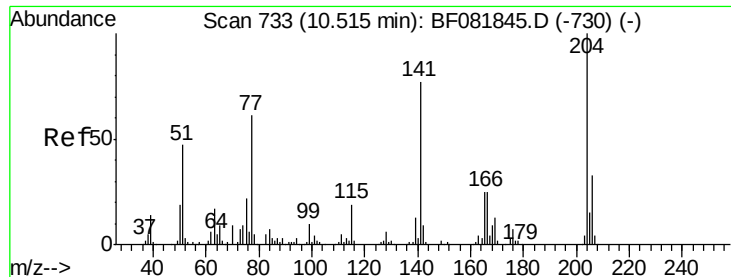
#59
 Diethylphthalate
 Concen: 44.11 ng
 RT: 10.37 min Scan# 720
 Delta R.T. 0.01 min
 Lab File: BF082074.D
 Acq: 6 Oct 2015 6:01

Tgt Ion: 149 Resp: 334334
 Ion Ratio Lower Upper
 149 100
 177 25.6 17.5 26.3
 150 13.2 9.4 14.2



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

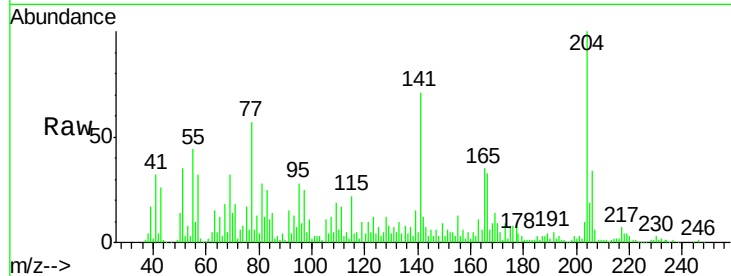




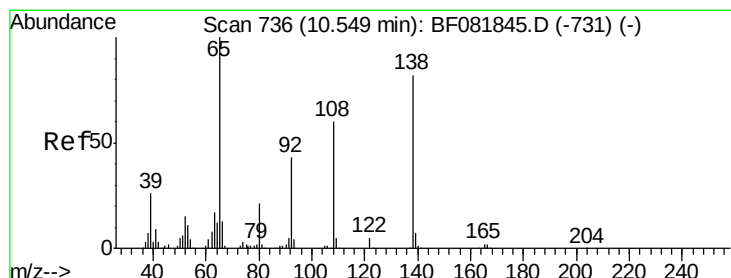
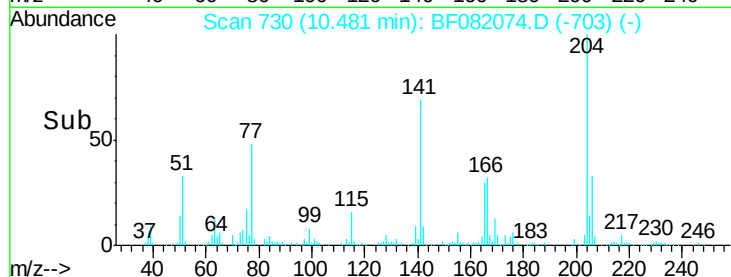
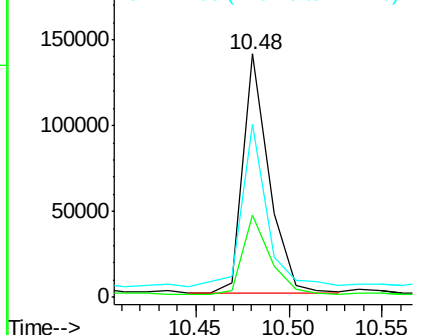
#60
4-Chlorophenyl-phenylether
Concen: 38.61 ng
RT: 10.48 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

Instrument :
BNA_F
ClientSampleId :
SS-8(0-24)MSD

Tgt Ion:204 Resp: 135204
Ion Ratio Lower Upper
204 100
206 34.0 24.8 37.2
141 71.1 42.2 63.4#

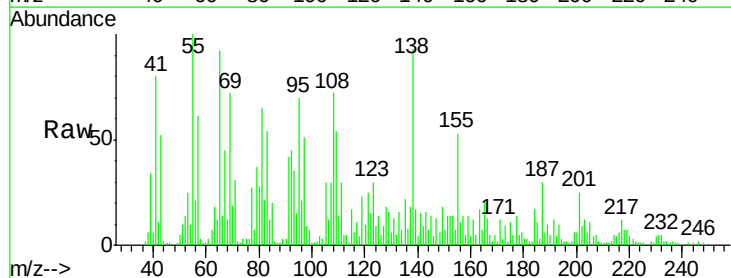


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

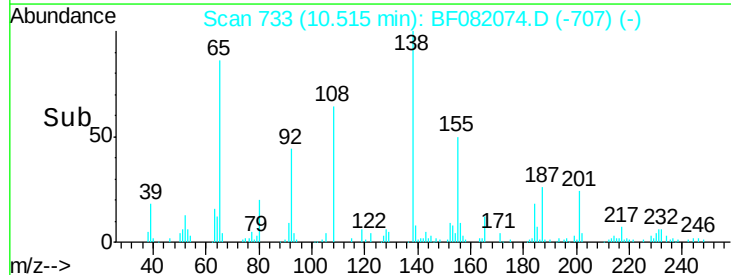
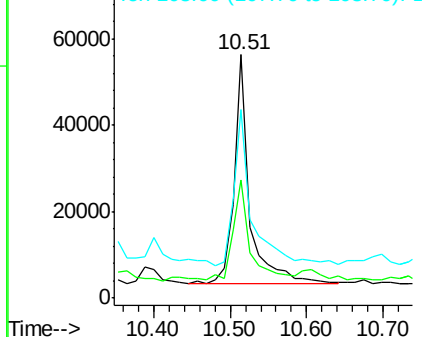


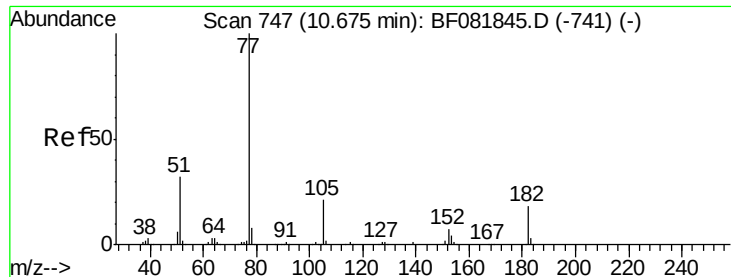
#61
4-Nitroaniline
Concen: 38.07 ng
RT: 10.51 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

Tgt Ion:138 Resp: 77807
Ion Ratio Lower Upper
138 100
92 48.5 12.6 52.6
108 77.7 12.4 52.4#



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





#62

Azobenzene

Concen: 35.68 ng

RT: 10.64 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MSD

Tgt Ion: 77 Resp: 263965

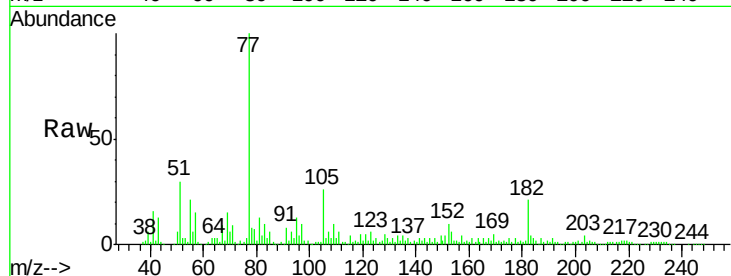
Ion Ratio Lower Upper

77 100

182 21.2 15.1 55.1

105 26.2 3.4 43.4

51 29.6 12.0 52.0

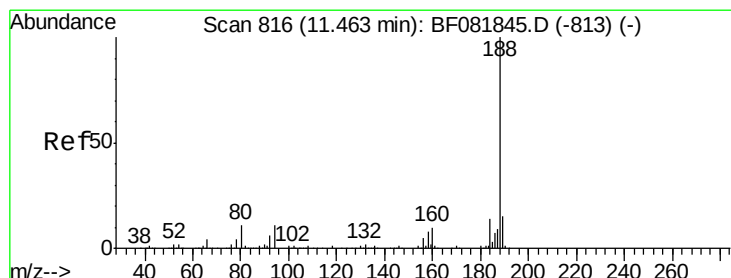
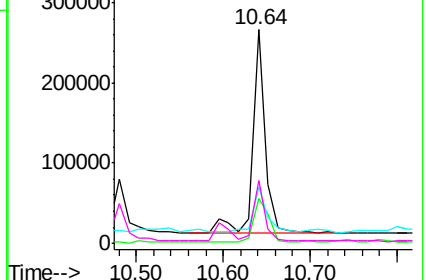
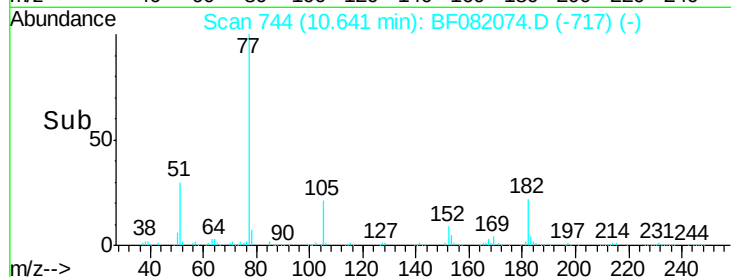


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.43 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

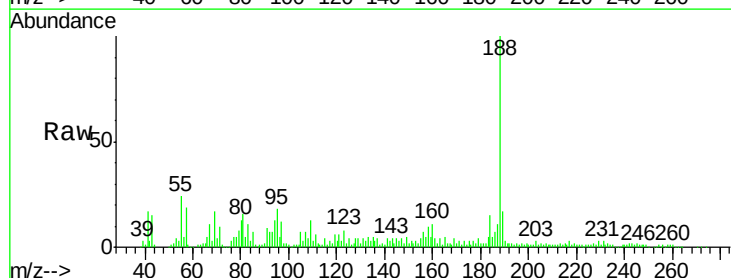
Tgt Ion: 188 Resp: 194355

Ion Ratio Lower Upper

188 100

94 12.6 11.1 16.7

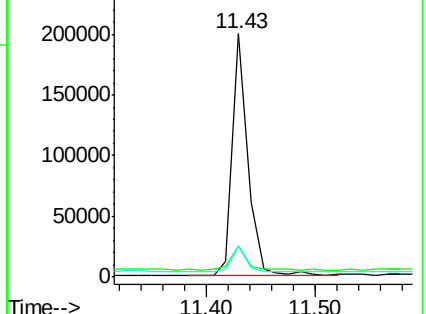
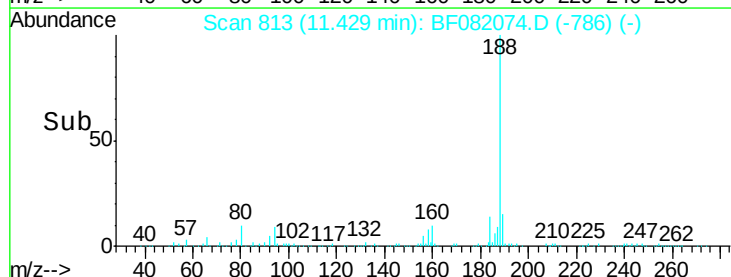
80 12.7 11.0 16.4

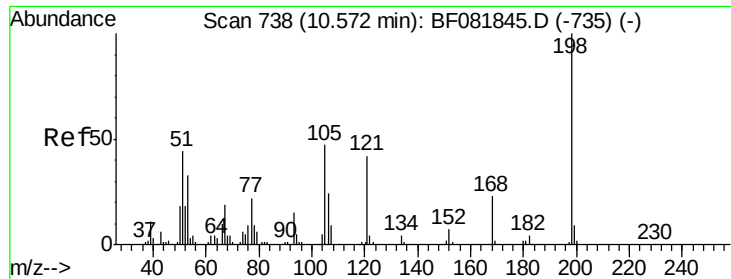


Abundance Ion 188.00 (187.70 to 188.70): BF0

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 2.52 ng

RT: 10.55 min Scan# 736

Delta R.T. 0.02 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MSD

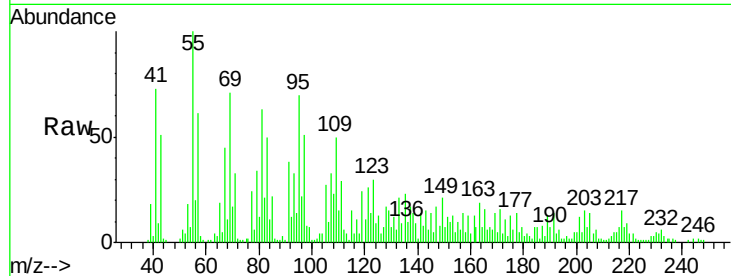
Tgt Ion:198 Resp: 989

Ion Ratio Lower Upper

198 100

51 347.0 39.6 79.6#

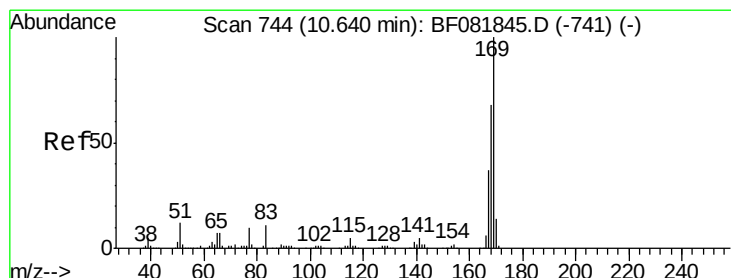
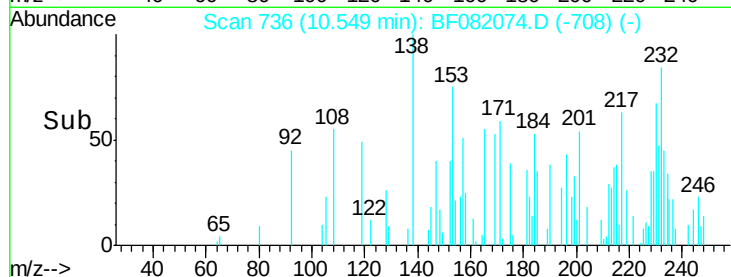
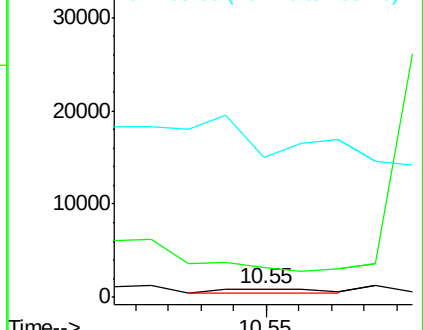
105 1616.5 28.5 68.5#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 48.20 ng

RT: 10.61 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

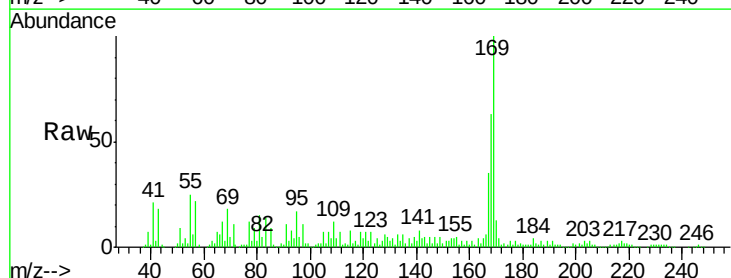
Tgt Ion:169 Resp: 283413

Ion Ratio Lower Upper

169 100

168 62.8 48.9 73.3

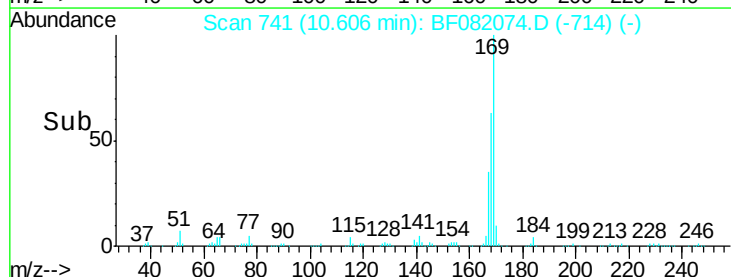
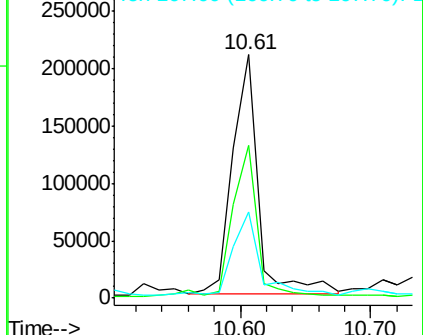
167 35.2 26.2 39.4

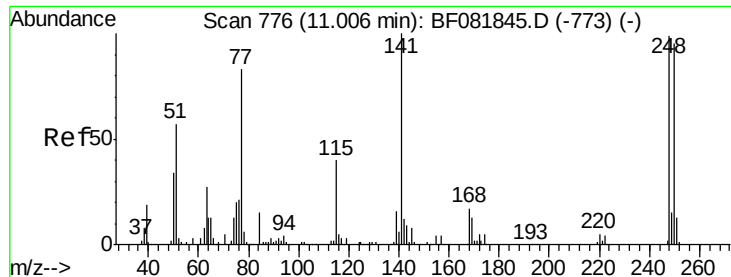


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

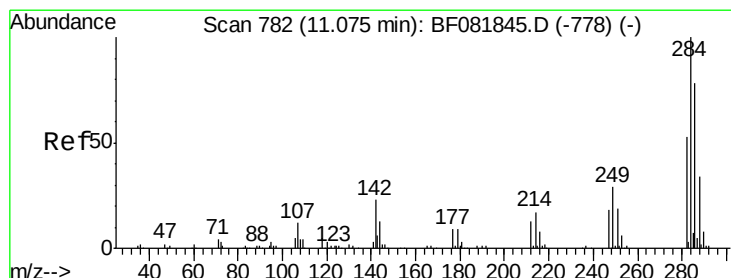
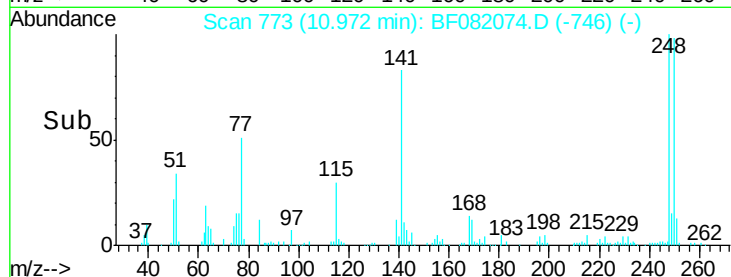
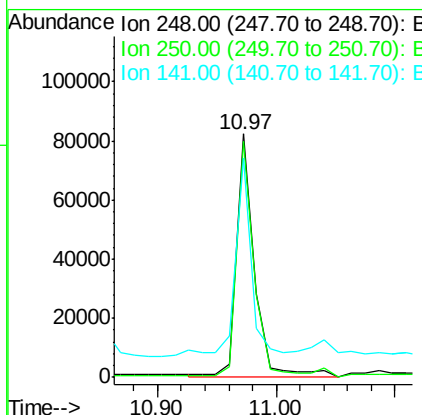
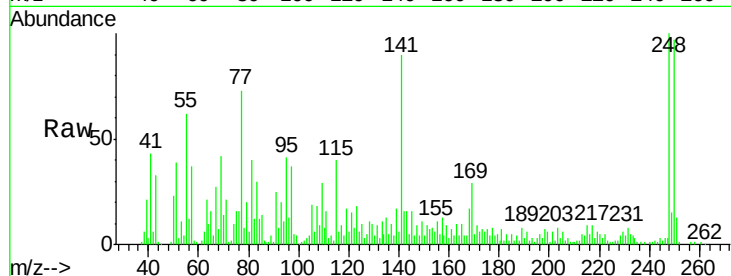




#66
4-Bromophenyl-phenylether
Concen: 44.90 ng
RT: 10.97 min Scan# 773
Delta R.T. 0.01 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

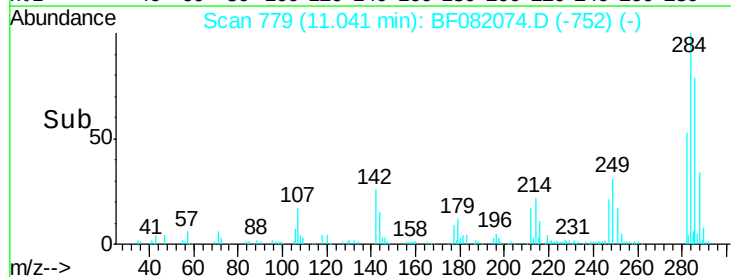
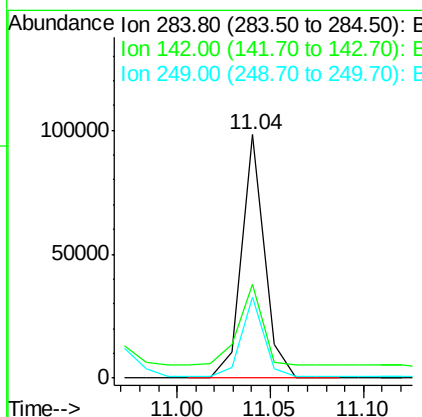
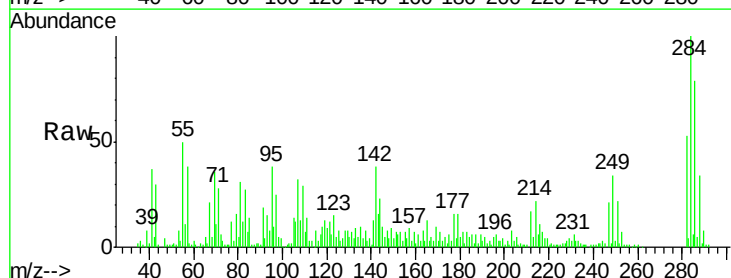
Instrument :
BNA_F
ClientSampleId :
SS-8(0-24)MSD

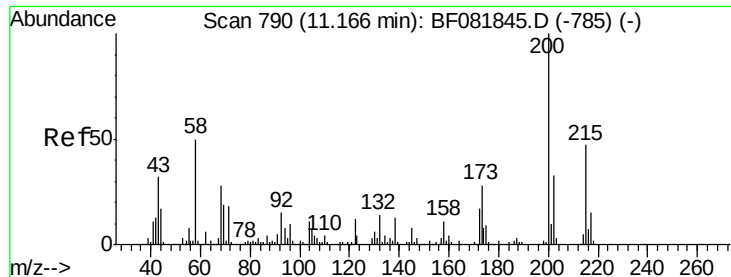
Tgt Ion:248 Resp: 87980
Ion Ratio Lower Upper
248 100
250 97.0 78.5 117.7
141 90.2 59.0 88.6#



#67
Hexachlorobenzene
Concen: 37.94 ng
RT: 11.04 min Scan# 779
Delta R.T. 0.01 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

Tgt Ion:284 Resp: 83899
Ion Ratio Lower Upper
284 100
142 38.4 29.5 44.3
249 33.5 19.5 29.3#

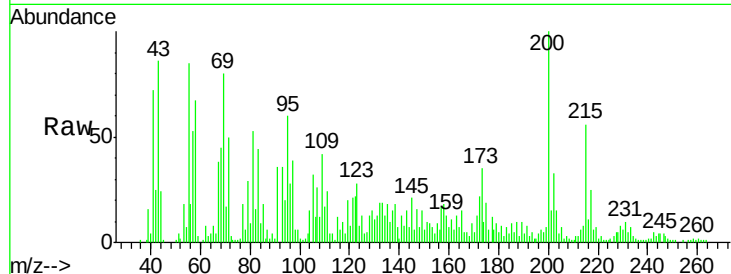




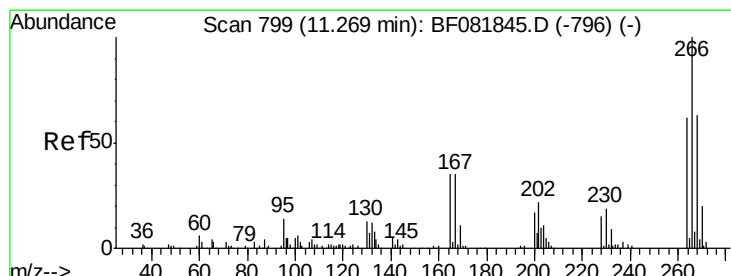
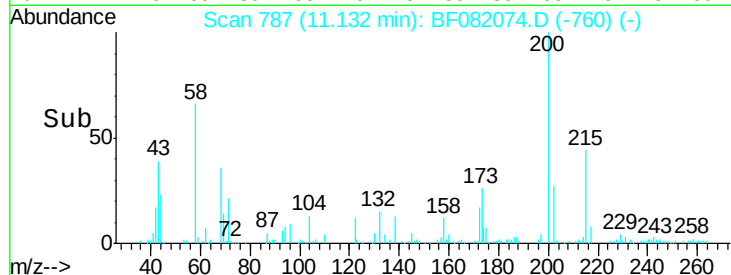
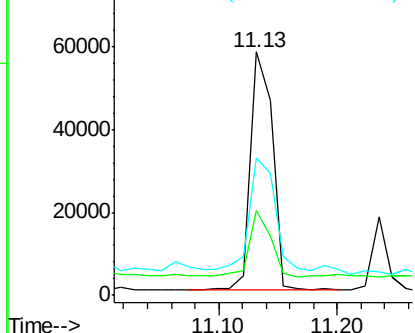
#68
Atrazine
Concen: 41.16 ng
RT: 11.13 min Scan# 787
Delta R.T. 0.01 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

Instrument :
BNA_F
ClientSampleId :
SS-8(0-24)MSD

Tgt Ion:200 Resp: 75101
Ion Ratio Lower Upper
200 100
173 34.9 13.2 53.2
215 56.3 41.8 81.8

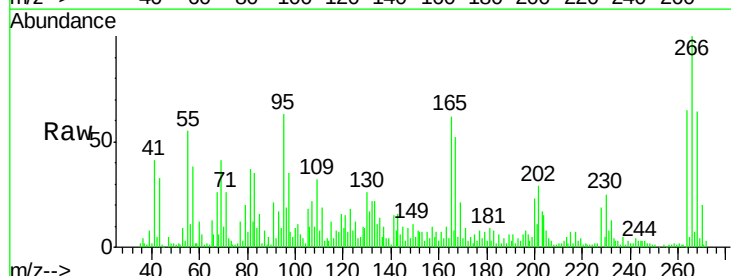


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

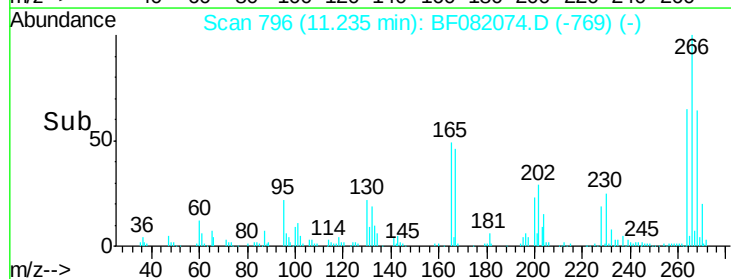
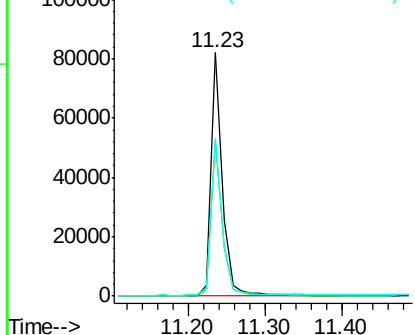


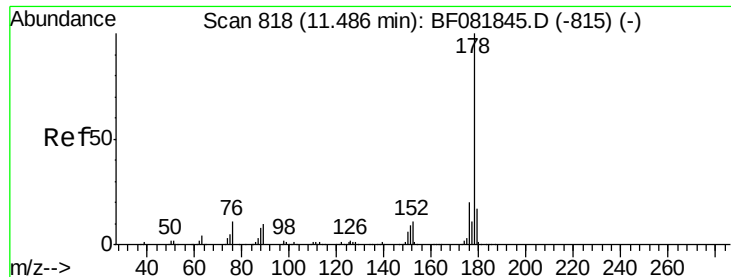
#69
Pentachlorophenol
Concen: 66.58 ng
RT: 11.23 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

Tgt Ion:266 Resp: 83898
Ion Ratio Lower Upper
266 100
268 63.9 49.8 74.6
264 64.7 50.2 75.2



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

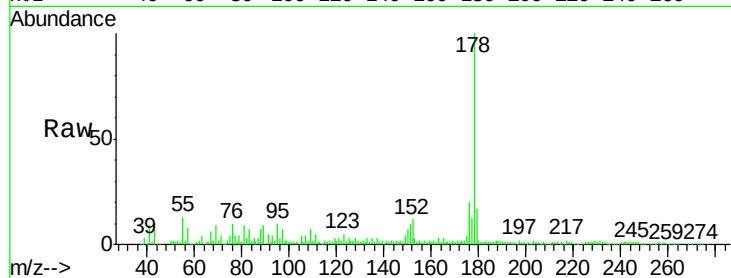




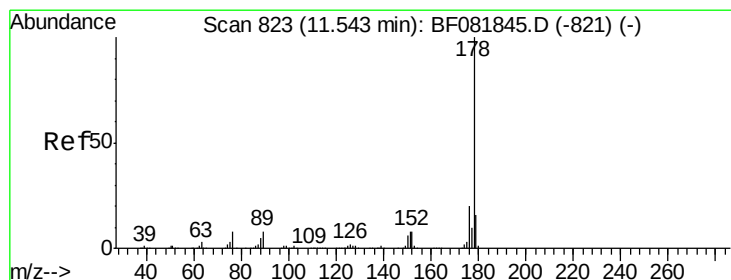
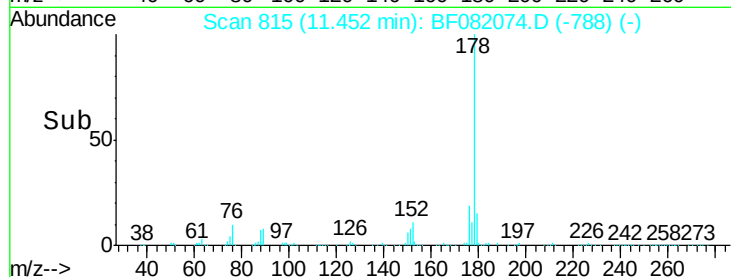
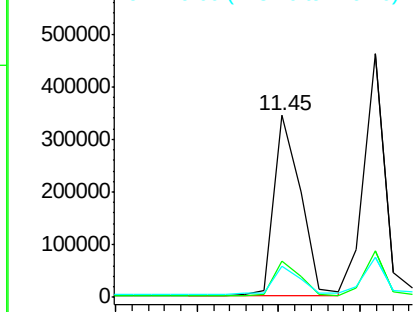
#70
Phenanthrene
Concen: 41.73 ng
RT: 11.45 min Scan# 815
Delta R.T. 0.01 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

Instrument :
BNA_F
ClientSampleId :
SS-8(0-24)MSD

Tgt Ion:178 Resp: 391402
Ion Ratio Lower Upper
178 100
176 19.9 13.8 20.8
179 17.3 12.2 18.2

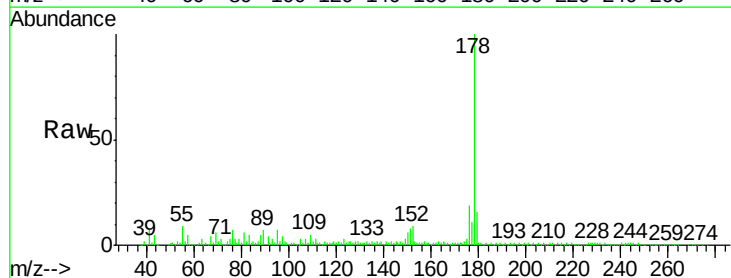


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

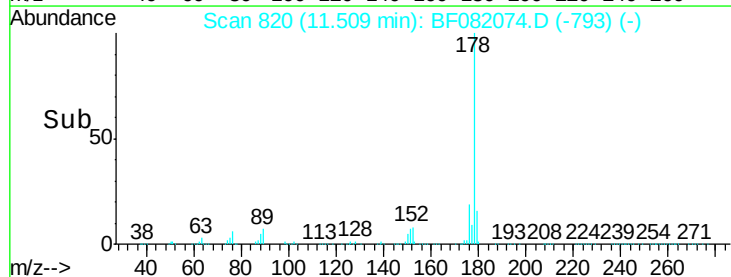
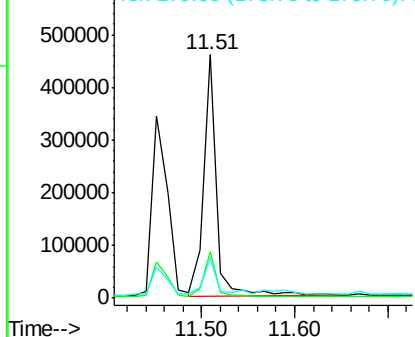


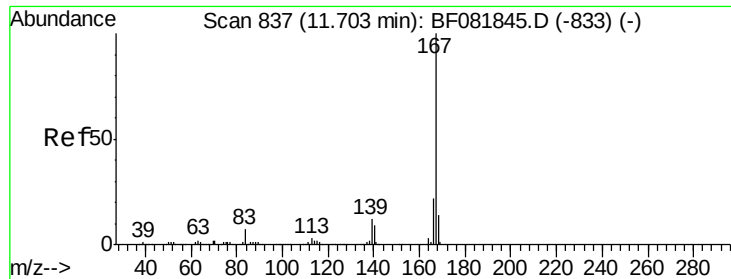
#71
Anthracene
Concen: 44.40 ng
RT: 11.51 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

Tgt Ion:178 Resp: 438600
Ion Ratio Lower Upper
178 100
176 19.2 14.1 21.1
179 16.5 12.2 18.2



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

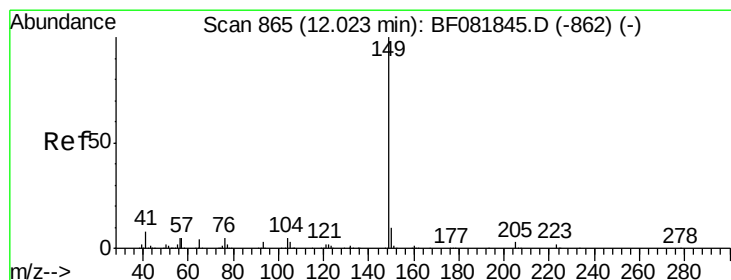
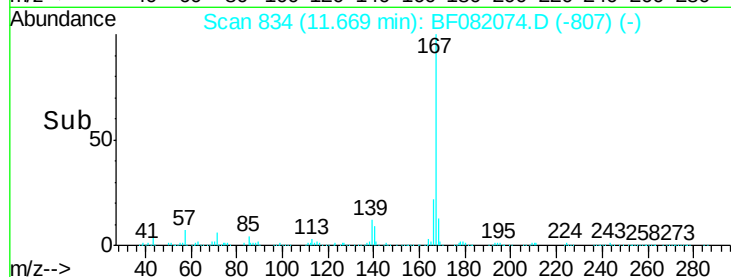
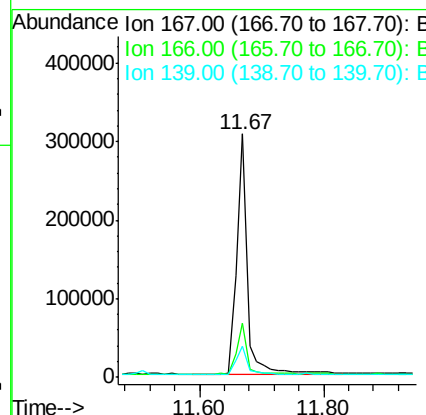
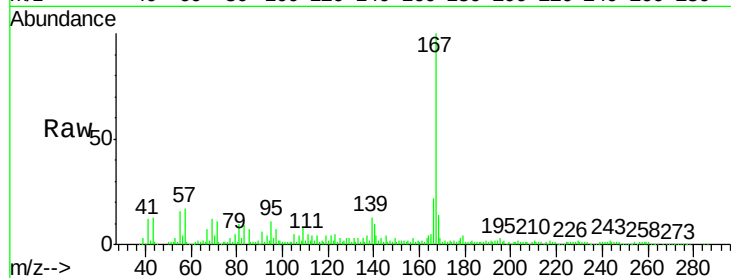




#72
 Carbazole
 Concen: 40.84 ng
 RT: 11.67 min Scan# 834
 Delta R.T. 0.01 min
 Lab File: BF082074.D
 Acq: 6 Oct 2015 6:01

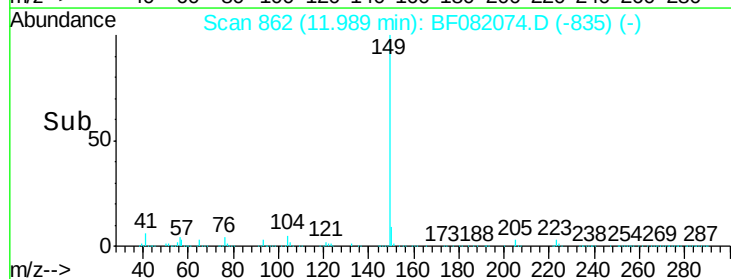
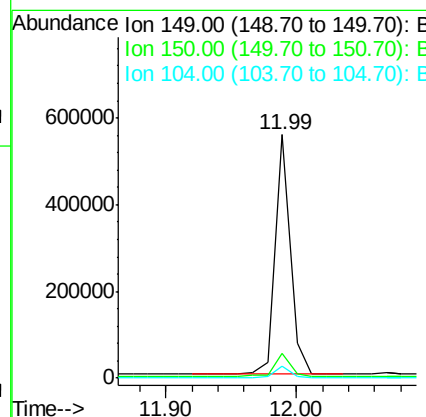
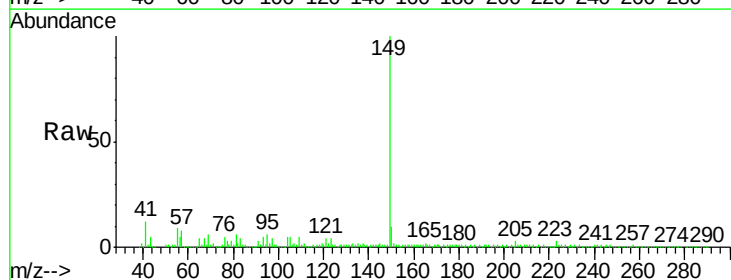
Instrument :
 BNA_F
 ClientSampleId :
 SS-8(0-24)MSD

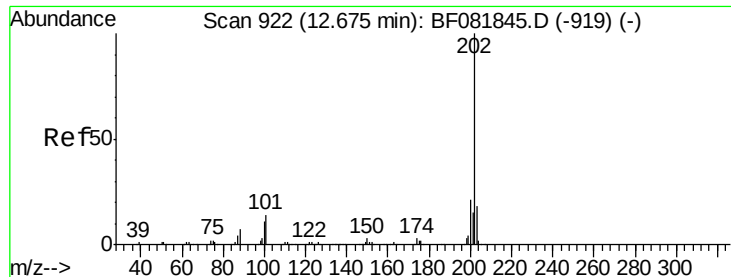
Tgt Ion:167 Resp: 365113
 Ion Ratio Lower Upper
 167 100
 166 22.4 15.7 23.5
 139 12.9 9.5 14.3



#73
 Di-n-butylphthalate
 Concen: 49.98 ng
 RT: 11.99 min Scan# 862
 Delta R.T. 0.01 min
 Lab File: BF082074.D
 Acq: 6 Oct 2015 6:01

Tgt Ion:149 Resp: 453743
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.4 11.2
 104 4.8 2.4 3.6#





#74

Fluoranthene

Concen: 42.51 ng

RT: 12.65 min Scan# 920

Delta R.T. 0.02 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MSD

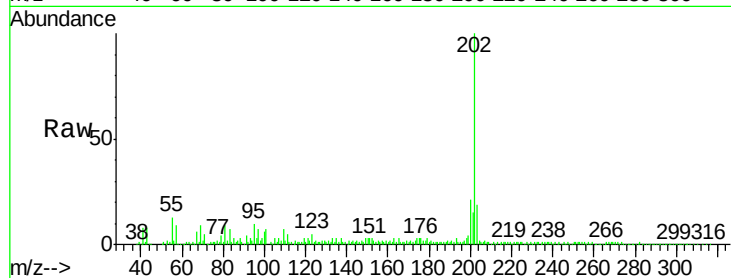
Tgt Ion:202 Resp: 442562

Ion Ratio Lower Upper

202 100

101 7.5 0.0 38.3

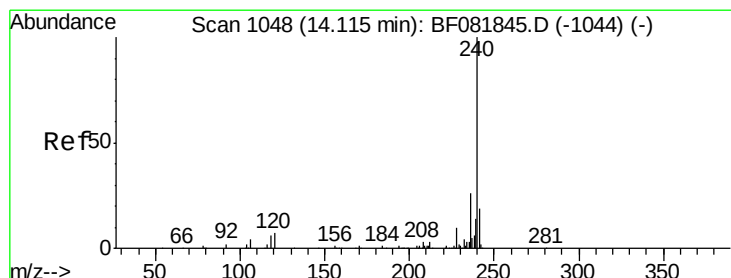
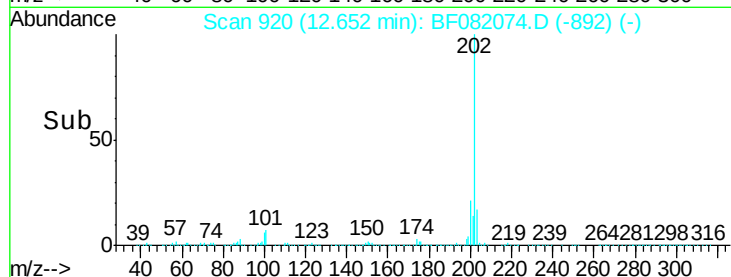
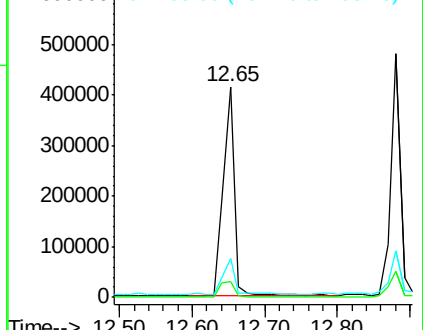
203 18.5 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1045

Delta R.T. 0.02 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

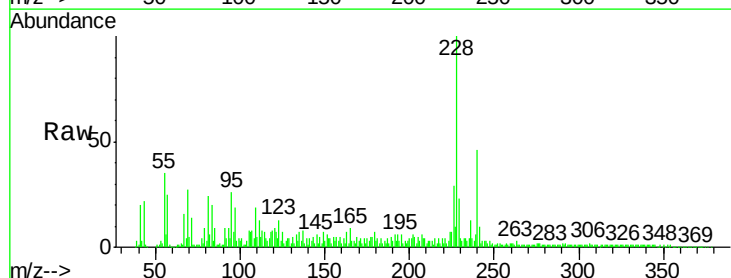
Tgt Ion:240 Resp: 138457

Ion Ratio Lower Upper

240 100

120 18.8 16.2 24.2

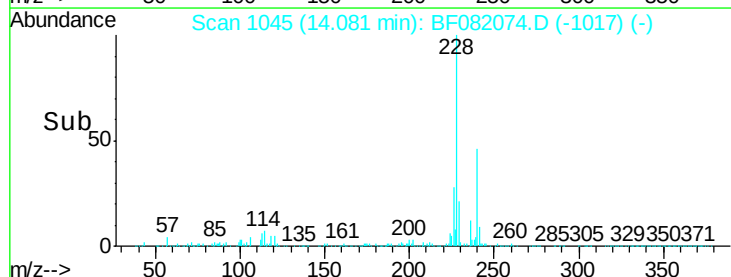
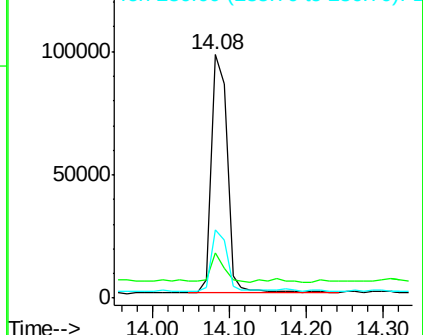
236 27.8 18.4 27.6#

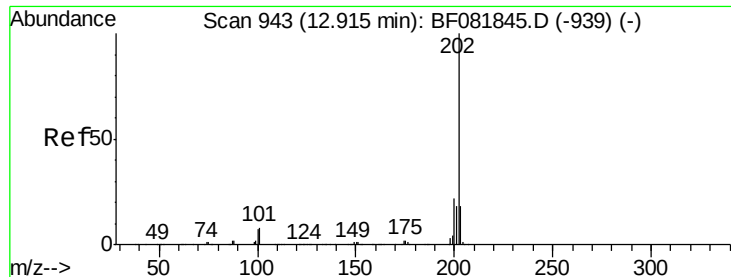


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

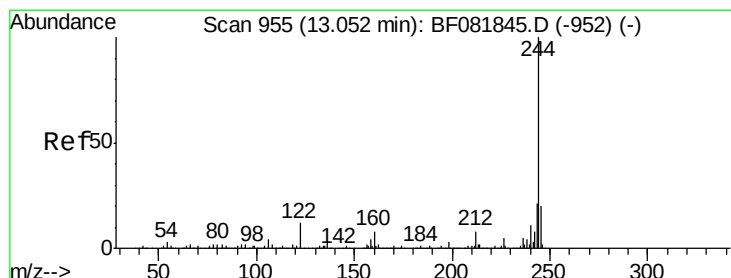
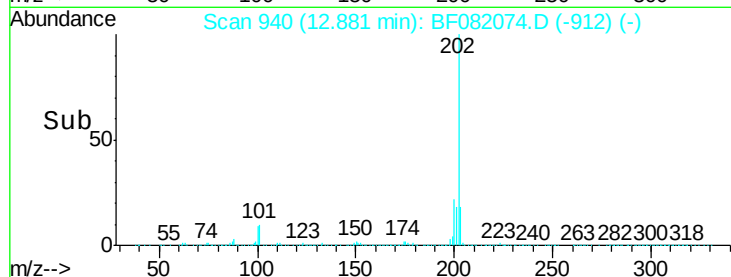
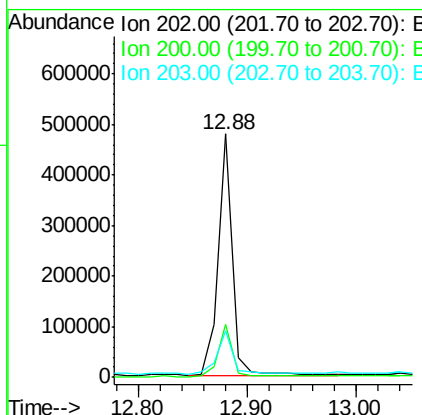
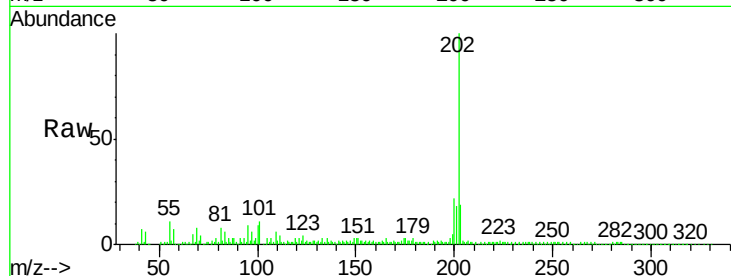




#77
 Pyrene
 Concen: 53.33 ng
 RT: 12.88 min Scan# 940
 Delta R.T. 0.02 min
 Lab File: BF082074.D
 Acq: 6 Oct 2015 6:01

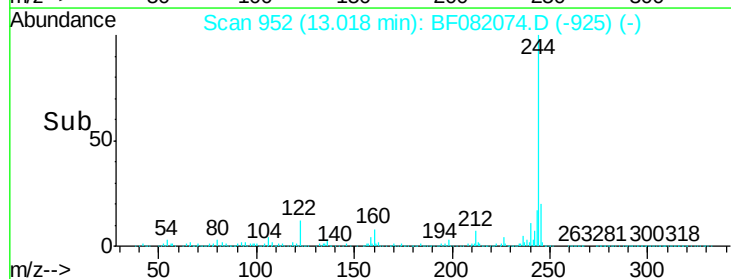
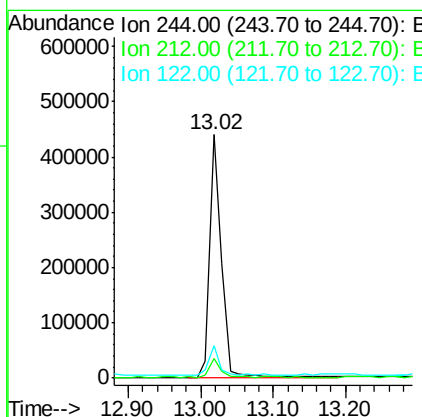
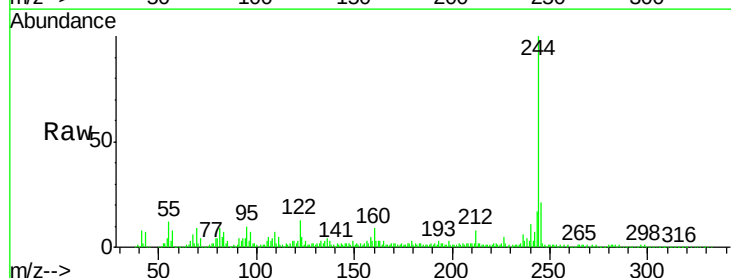
Instrument :
 BNA_F
 ClientSampleId :
 SS-8(0-24)MSD

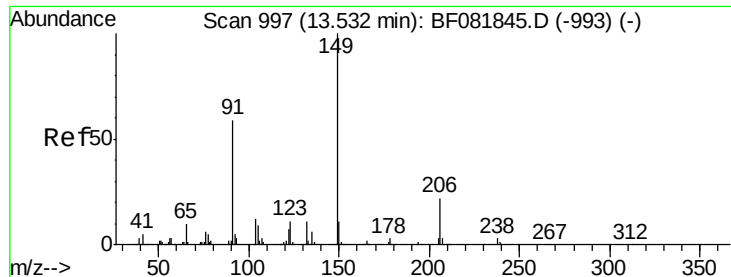
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	15.0	22.4
203	18.8	14.1	21.1



#78
 Terphenyl-d14
 Concen: 135.22 ng
 RT: 13.02 min Scan# 952
 Delta R.T. 0.01 min
 Lab File: BF082074.D
 Acq: 6 Oct 2015 6:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	4.3	6.5#
122	13.4	17.4	26.2#

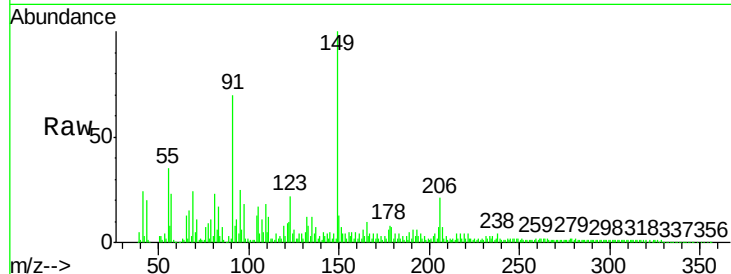




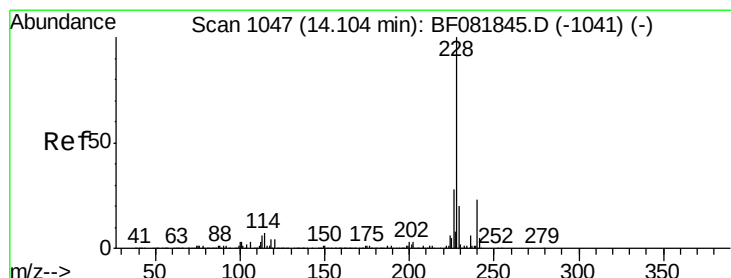
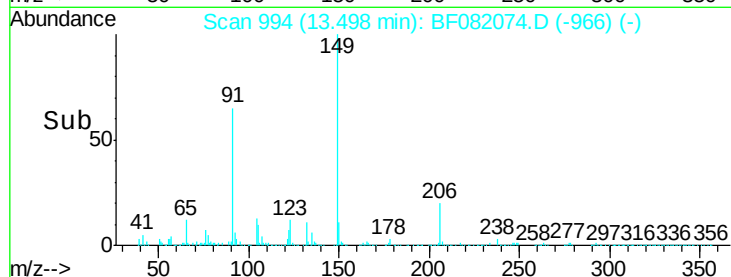
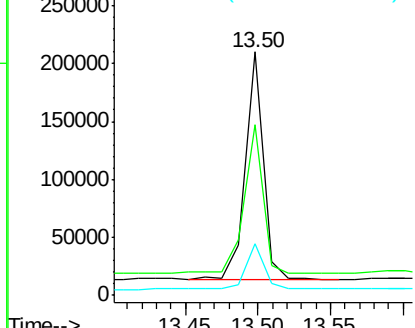
#79
Butylbenzylphthalate
Concen: 54.21 ng
RT: 13.50 min Scan# 994
Delta R.T. 0.02 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

Instrument :
BNA_F
ClientSampleId :
SS-8(0-24)MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.2	48.6	72.8
206	21.1	14.9	22.3

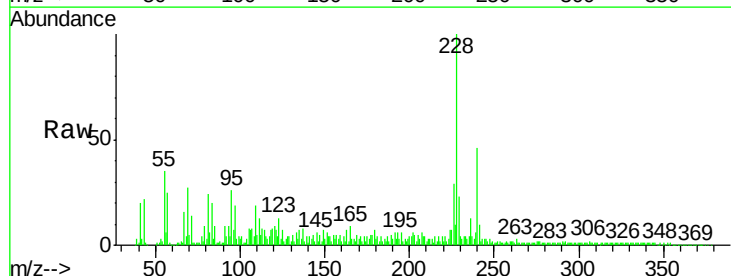


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

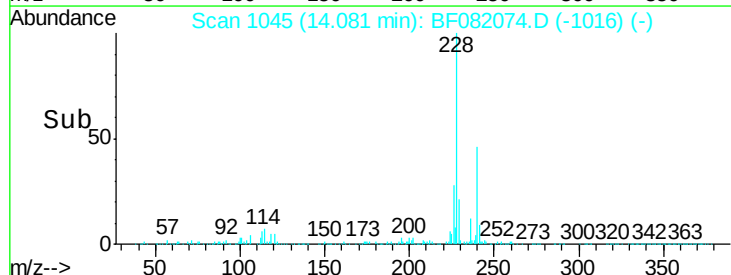
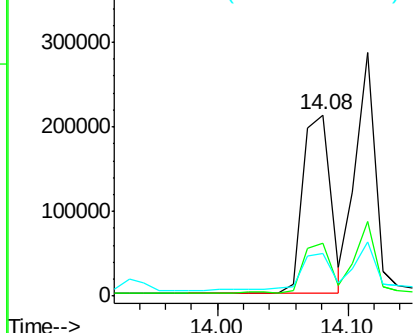


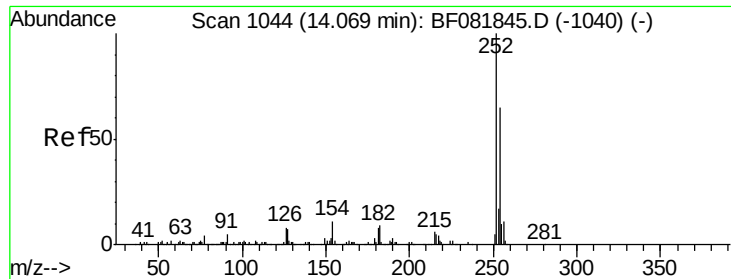
#80
Benzo(a)anthracene
Concen: 41.48 ng
RT: 14.08 min Scan# 1045
Delta R.T. 0.03 min
Lab File: BF082074.D
Acq: 6 Oct 2015 6:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	20.0	30.0
229	23.3	15.4	23.2



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





#81

3,3'-Dichlorobenzidine

Concen: 19.47 ng

RT: 14.04 min Scan# 1041

Delta R.T. 0.02 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MSD

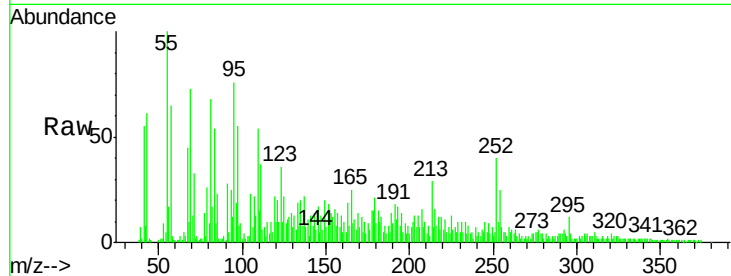
Tgt Ion:252 Resp: 49022

Ion Ratio Lower Upper

252 100

254 62.0 51.4 77.2

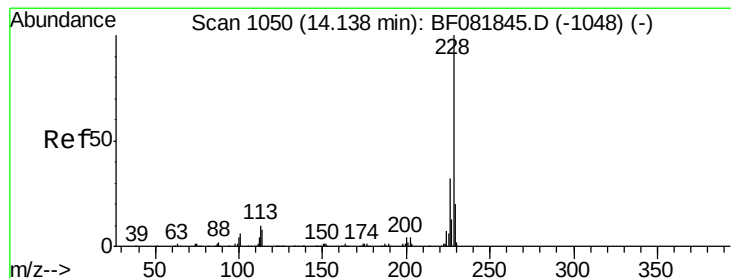
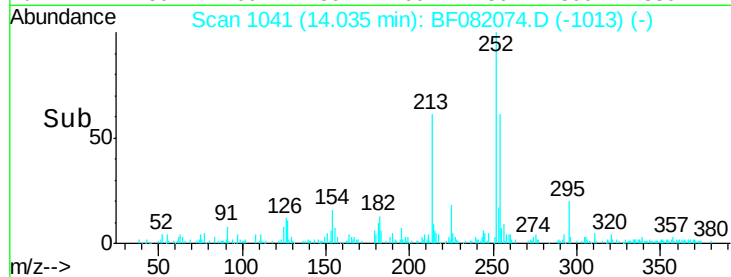
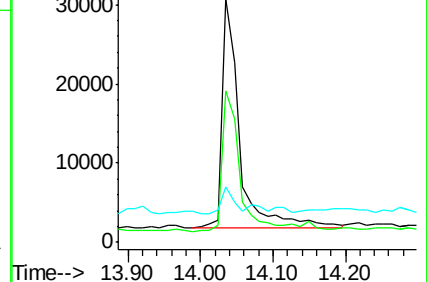
126 22.8 16.4 24.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 56.11 ng

RT: 14.12 min Scan# 1048

Delta R.T. 0.02 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

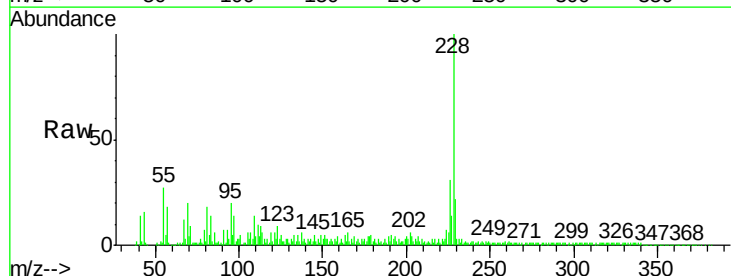
Tgt Ion:228 Resp: 318409

Ion Ratio Lower Upper

228 100

226 30.9 21.0 31.4

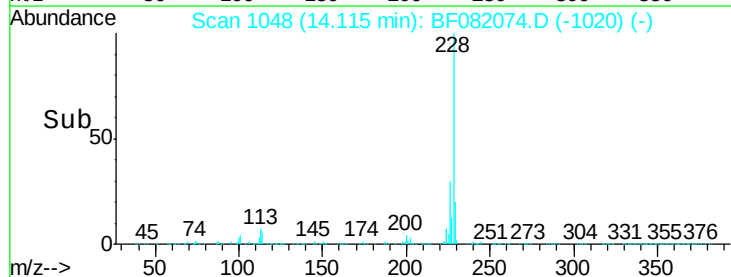
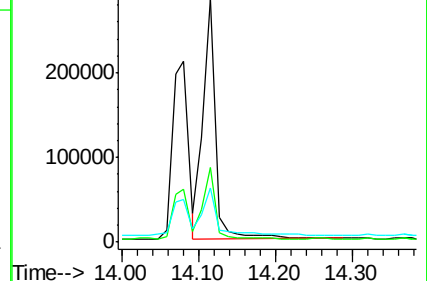
229 22.1 15.6 23.4

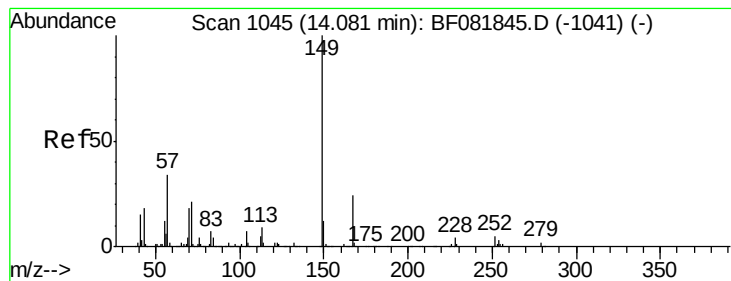


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 58.54 ng

RT: 14.06 min Scan# 1043

Delta R.T. 0.02 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MSD

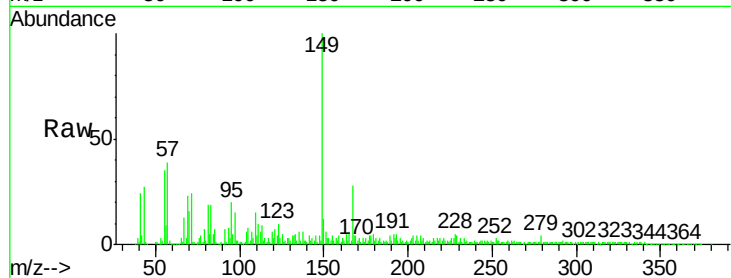
Tgt Ion:149 Resp: 228547

Ion Ratio Lower Upper

149 100

167 28.3 24.2 36.2

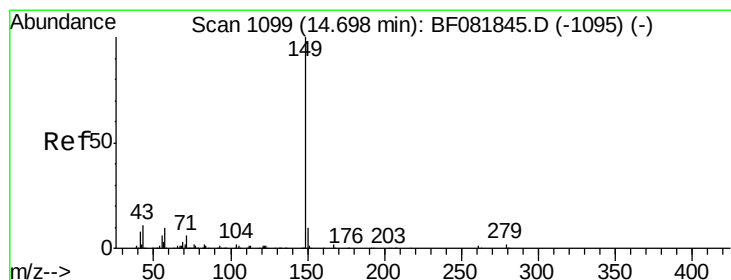
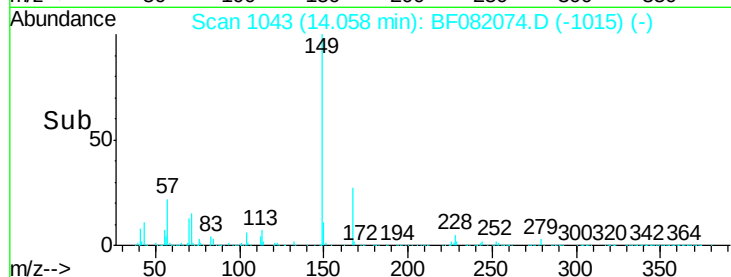
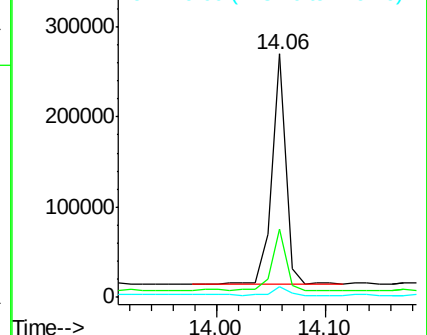
279 4.4 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 54.81 ng

RT: 14.68 min Scan# 1097

Delta R.T. 0.02 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

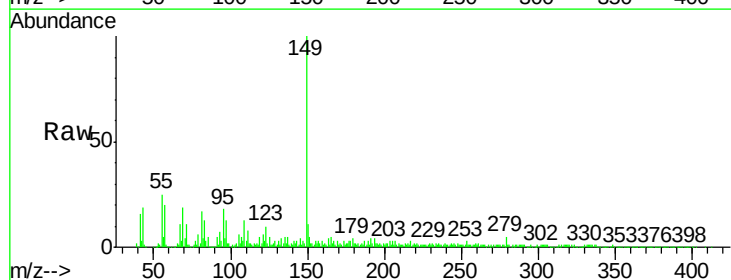
Tgt Ion:149 Resp: 348236

Ion Ratio Lower Upper

149 100

167 2.1 1.0 1.6#

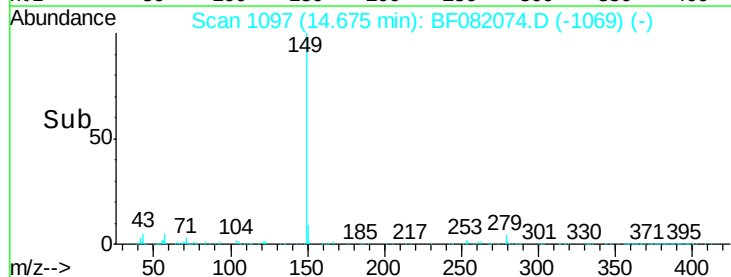
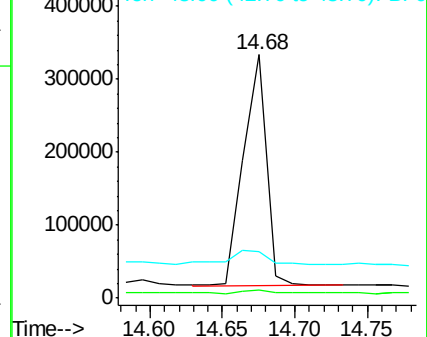
43 10.2 10.2 15.2

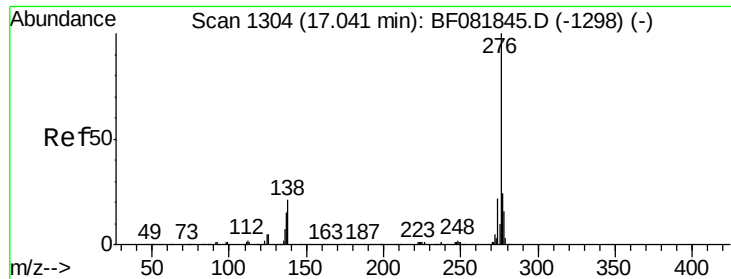


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

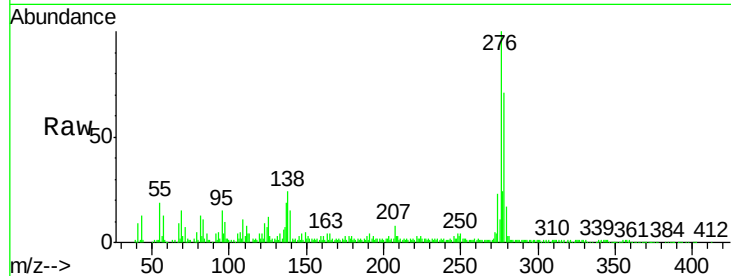




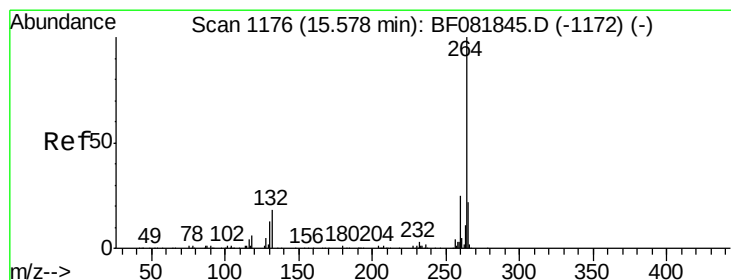
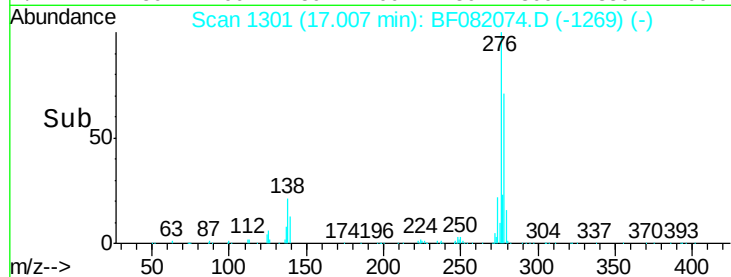
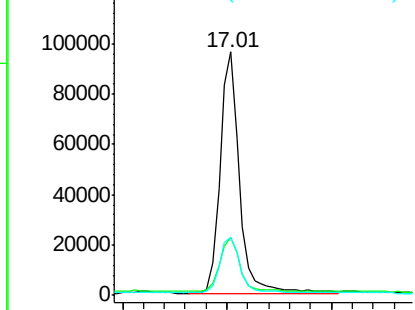
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.50 ng
 RT: 17.01 min Scan# 1301
 Delta R.T. 0.07 min
 Lab File: BF082074.D
 Acq: 6 Oct 2015 6:01

Instrument :
 BNA_F
 ClientSampleId :
 SS-8(0-24)MSD

Tgt Ion: 276 Resp: 247863
 Ion Ratio Lower Upper
 276 100
 138 22.5 25.7 38.5#
 277 23.8 15.6 23.4#

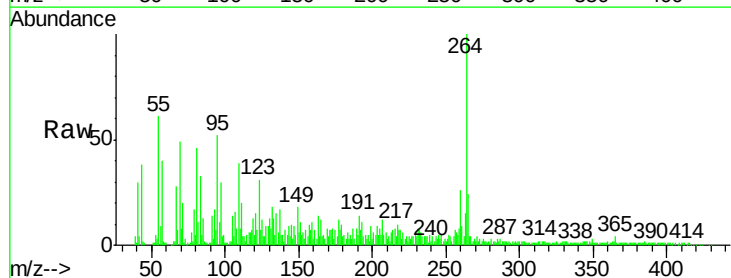


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

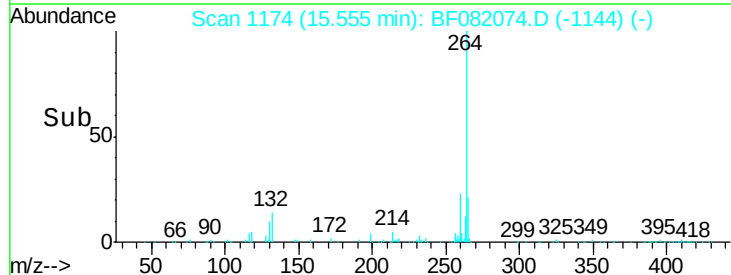
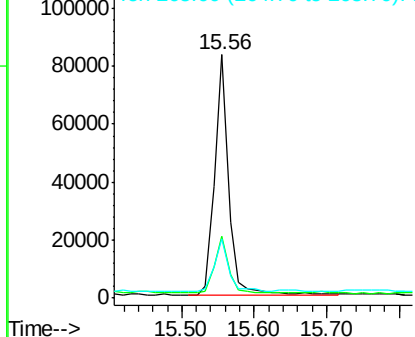


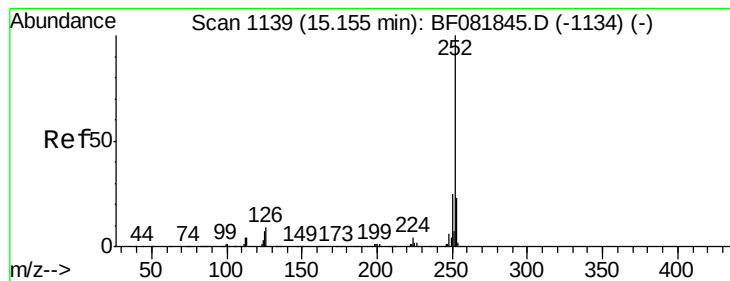
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.56 min Scan# 1174
 Delta R.T. 0.05 min
 Lab File: BF082074.D
 Acq: 6 Oct 2015 6:01

Tgt Ion: 264 Resp: 109742
 Ion Ratio Lower Upper
 264 100
 260 25.5 16.7 25.1#
 265 24.4 17.2 25.8



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





#87

Benzo(b)fluoranthene

Concen: 78.90 ng

RT: 15.16 min Scan# 1139

Delta R.T. 0.07 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MSD

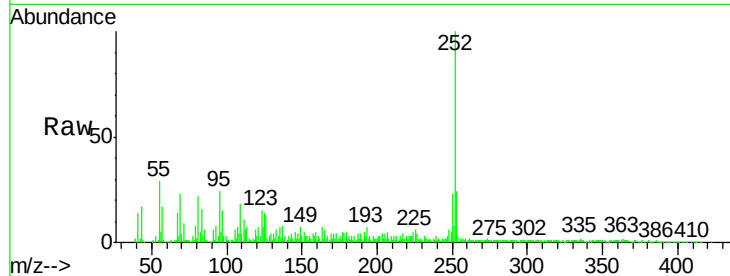
Tgt Ion:252 Resp: 494355

Ion Ratio Lower Upper

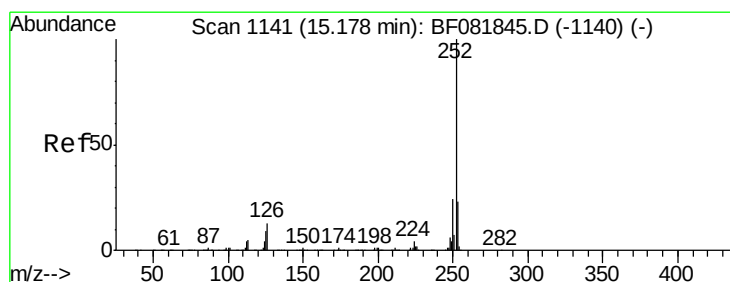
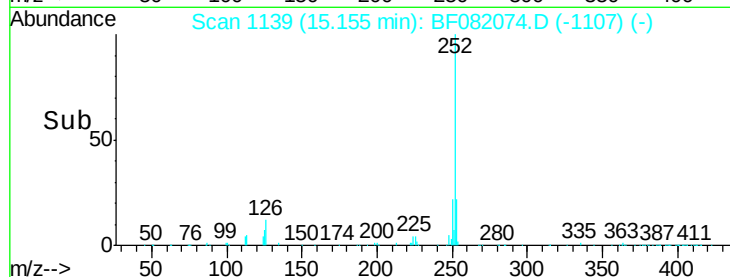
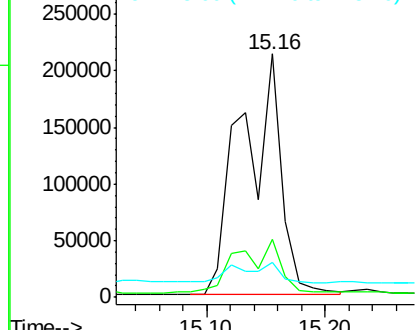
252 100

253 24.1 17.5 26.3

125 14.1 17.1 25.7#



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



#88

Benzo(k)fluoranthene

Concen: 86.09 ng

RT: 15.16 min Scan# 1139

Delta R.T. 0.03 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

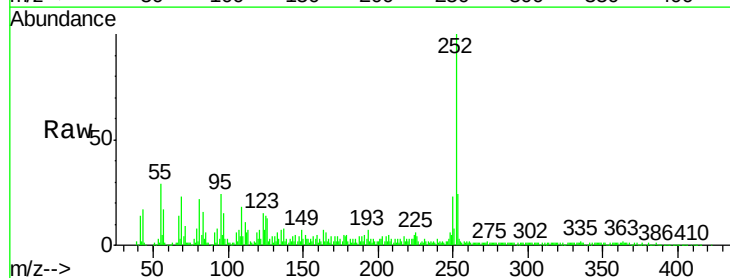
Tgt Ion:252 Resp: 494355

Ion Ratio Lower Upper

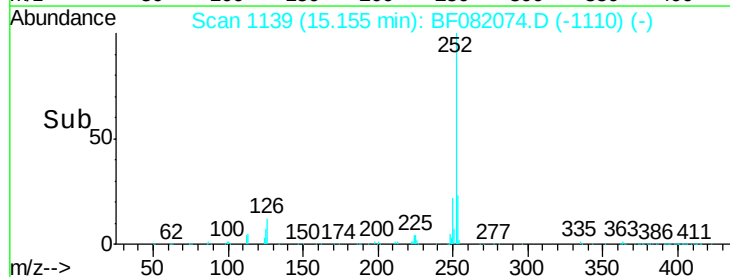
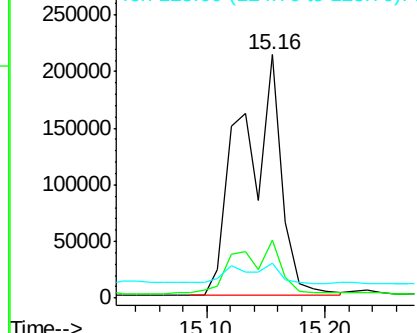
252 100

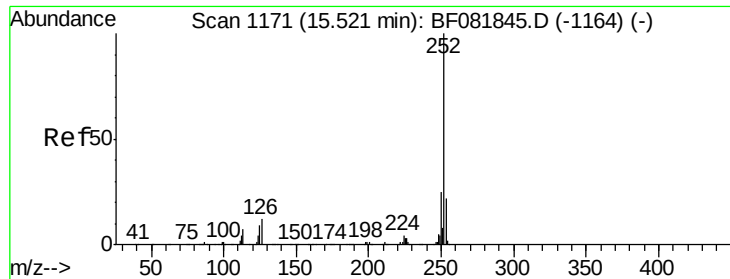
253 24.1 17.0 25.4

125 14.1 16.0 24.0#



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





#89

Benzo(a)pyrene

Concen: 42.39 ng

RT: 15.49 min Scan# 1168

Delta R.T. 0.03 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MSD

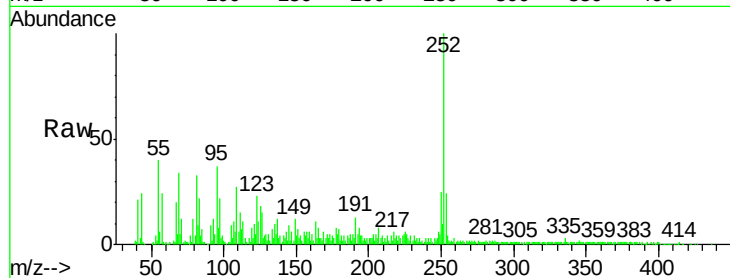
Tgt Ion:252 Resp: 230364

Ion Ratio Lower Upper

252 100

253 23.7 17.2 25.8

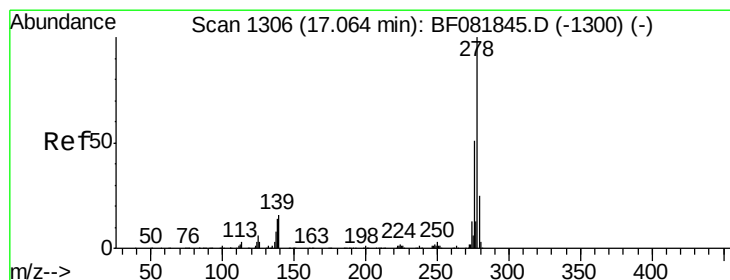
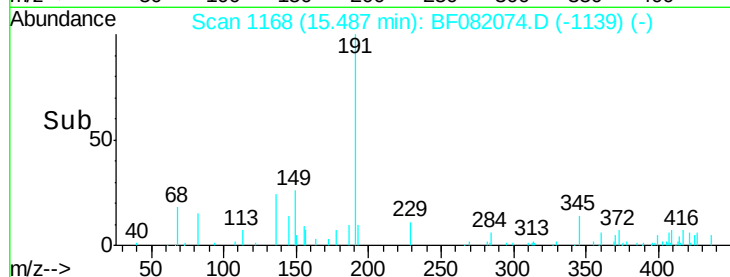
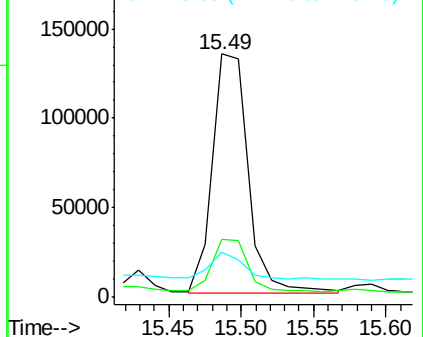
125 18.4 18.0 27.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.01 ng

RT: 17.02 min Scan# 1302

Delta R.T. 0.06 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

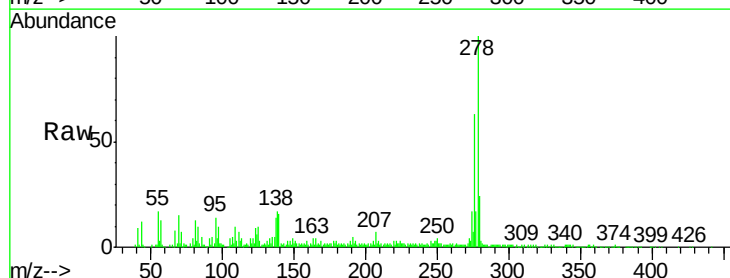
Tgt Ion:278 Resp: 200695

Ion Ratio Lower Upper

278 100

139 16.4 26.3 39.5#

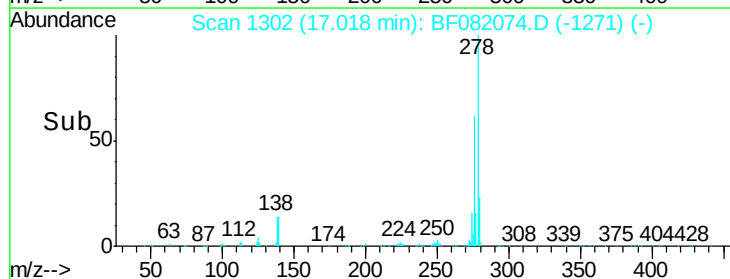
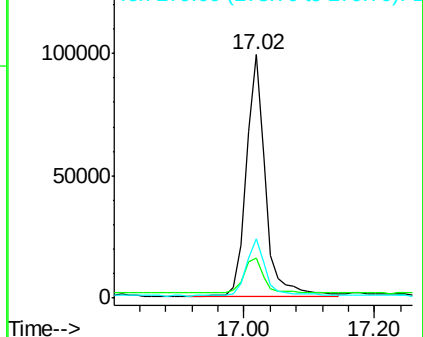
279 24.2 18.2 27.4

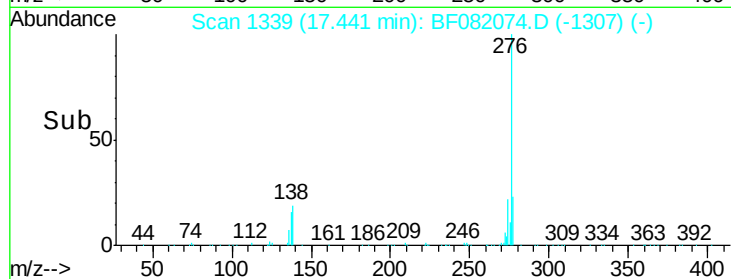
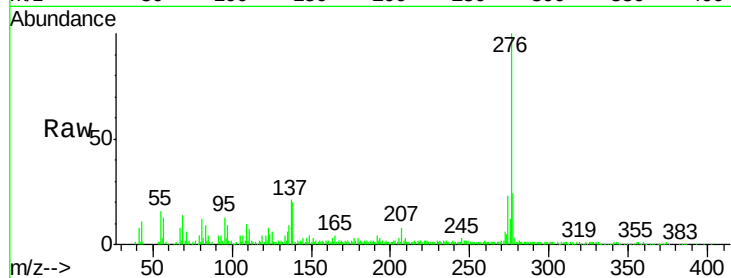
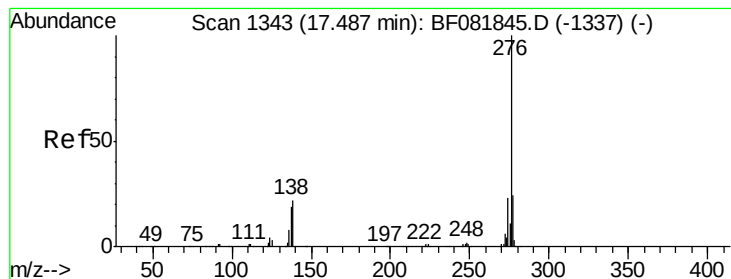


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 43.23 ng

RT: 17.44 min Scan# 1339

Delta R.T. 0.07 min

Lab File: BF082074.D

Acq: 6 Oct 2015 6:01

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MSD

Tgt Ion: 276 Resp: 201992

Ion Ratio Lower Upper

276 100

277 24.1 17.8 26.6

138 20.4 34.6 51.8#

