

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100515\
 Data File : BF082073.D
 Acq On : 6 Oct 2015 5:31
 Operator : UM/IZ
 Sample : G3891-20MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

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

Quant Time: Oct 06 07:44:07 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	96600	20.00	ng	0.01
21) Naphthalene-d8	8.18	136	289716	20.00	ng	0.01
38) Acenaphthene-d10	9.94	164	123217	20.00	ng	0.01
63) Phenanthrene-d10	11.43	188	203664	20.00	ng	0.01
75) Chrysene-d12	14.09	240	150875	20.00	ng	0.03
86) Perylene-d12	15.57	264	118724	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	700836	131.70	ng	0.02
7) Phenol-d6	6.54	99	880668	131.52	ng	0.02
23) Nitrobenzene-d5	7.46	82	464576	106.89	ng	0.01
41) 2,4,6-Tribromophenol	10.74	330	178791	143.27	ng	0.02
44) 2-Fluorobiphenyl	9.27	172	888398	136.17	ng	0.02
78) Terphenyl-d14	13.03	244	665197	-20.00	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	85947	37.14	ng	84
3) Pyridine	3.30	79	224576	37.27	ng	# 84
4) n-Nitrosodimethylamine	3.26	42	102281	37.38	ng	98
6) Aniline	6.58	93	119495	13.28	ng	# 86
8) 2-Chlorophenol	6.69	128	230785	39.27	ng	93
9) Benzaldehyde	6.43	77	57970	13.22	ng	# 70
10) Phenol	6.55	94	327727	43.63	ng	70
11) bis(2-Chloroethyl)ether	6.63	93	241177	41.40	ng	95
12) 1,3-Dichlorobenzene	6.83	146	277354	39.96	ng	# 96
13) 1,4-Dichlorobenzene	6.91	146	271598	37.47	ng	# 96
14) 1,2-Dichlorobenzene	6.91	146	273295	42.32	ng	97
15) Benzyl Alcohol	7.04	79	181584	37.57	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	7.18	45	322937	39.22	ng	75
17) 2-Methylphenol	7.15	107	182590	38.32	ng	# 80
18) Hexachloroethane	7.41	117	80099	35.30	ng	# 74
19) n-Nitroso-di-n-propylamine	7.31	70	193197	47.47	ng	# 71
20) 3+4-Methylphenols	7.31	107	225922	37.54	ng	# 62
22) Acetophenone	7.30	105	323639	54.64	ng	# 73
24) Nitrobenzene	7.49	77	255871	54.22	ng	# 76
25) Isophorone	7.73	82	474778	55.12	ng	# 91
26) 2-Nitrophenol	7.79	139	81599	36.02	ng	# 20
27) 2,4-Dimethylphenol	7.84	122	214446	53.81	ng	# 71
28) bis(2-Chloroethoxy)methane	7.93	93	271251	53.03	ng	# 84
29) 2,4-Dichlorophenol	8.05	162	198807	51.45	ng	98
30) 1,2,4-Trichlorobenzene	8.13	180	194757	45.14	ng	99
31) Naphthalene	8.21	128	579297	45.13	ng	# 94
32) Benzoic acid	7.95	122	77868	35.01	ng	# 31
33) 4-Chloroaniline	8.26	127	56091	10.10	ng	# 66
34) Hexachlorobutadiene	8.32	225	132771	52.04	ng	99
35) Caprolactam	8.61	113	74693	69.82	ng	# 1
36) 4-Chloro-3-methylphenol	8.74	107	186872	49.46	ng	# 72
37) 2-Methylnaphthalene	8.90	142	390687	44.58	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	171881	45.44	ng	# 95
40) Hexachlorocyclopentadiene	9.05	237	38743	19.89	ng	98

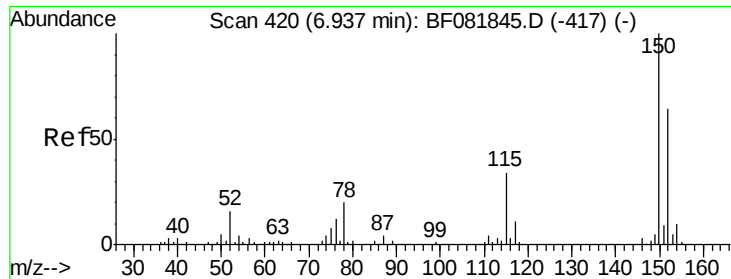
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100515\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	108444	41.82	ng	99
43) 2,4,5-Trichlorophenol	9.22	196	110997	41.62	ng #	64
45) 1,1'-Biphenyl	9.37	154	457134	48.09	ng	94
46) 2-Chloronaphthalene	9.39	162	332253	44.51	ng	92
47) 2-Nitroaniline	9.49	65	103691	47.32	ng #	69
48) Acenaphthylene	9.81	152	496047	41.52	ng #	91
49) Dimethylphthalate	9.67	163	542467	63.78	ng #	98
50) 2,6-Dinitrotoluene	9.74	165	71337	38.63	ng #	82
51) Acenaphthene	9.98	154	283518	39.97	ng	88
52) 3-Nitroaniline	9.90	138	74702	34.97	ng #	64
53) 2,4-Dinitrophenol	10.01	184	9969	21.55	ng #	5
54) Dibenzofuran	10.15	168	425803	42.47	ng #	82
55) 4-Nitrophenol	10.07	139	108672	70.40	ng #	27
56) 2,4-Dinitrotoluene	10.14	165	84487	35.89	ng	88
57) Fluorene	10.49	166	330034	46.08	ng	91
58) 2,3,4,6-Tetrachlorophenol	10.27	232	90587	42.82	ng #	93
59) Diethylphthalate	10.37	149	390137	49.11	ng	95
60) 4-Chlorophenyl-phenylether	10.49	204	170278	46.39	ng	93
61) 4-Nitroaniline	10.51	138	82547	38.54	ng #	36
62) Azobenzene	10.64	77	331665	42.78	ng	87
64) 4,6-Dinitro-2-methylphenol	10.54	198	12924	16.98	ng #	1
65) n-Nitrosodiphenylamine	10.61	169	362232	58.78	ng	95
66) 4-Bromophenyl-phenylether	10.97	248	100431	48.91	ng #	82
67) Hexachlorobenzene	11.04	284	99582	42.97	ng #	73
68) Atrazine	11.14	200	102906	53.82	ng	93
69) Pentachlorophenol	11.23	266	105312	79.75	ng	99
70) Phenanthrene	11.46	178	512894	52.61	ng	96
71) Anthracene	11.51	178	506991	48.98	ng	96
72) Carbazole	11.67	167	432971	46.21	ng #	94
73) Di-n-butylphthalate	11.99	149	523050	55.12	ng #	97
74) Fluoranthene	12.65	202	498249	45.67	ng	88
77) Pyrene	12.88	202	477878	53.02	ng	95
79) Butylbenzylphthalate	13.50	149	187226	55.20	ng #	83
80) Benzo(a)anthracene	14.08	228	359647	44.27	ng	92
81) 3,3'-Dichlorobenzidine	14.05	252	20707	7.55	ng #	88
82) Chrysene	14.08	228	359647	Below	Cal	94
83) Bis(2-ethylhexyl)phthalate	14.06	149	248271	58.36	ng #	94
84) Di-n-octyl phthalate	14.68	149	389863	56.31	ng #	95
85) Indeno(1,2,3-cd)pyrene	17.02	276	306482	48.22	ng #	86
87) Benzo(b)fluoranthene	15.13	252	610977	90.14	ng #	90
88) Benzo(k)fluoranthene	15.13	252	610977	98.34	ng #	90
89) Benzo(a)pyrene	15.50	252	282767	48.09	ng	93
90) Dibenzo(a,h)anthracene	17.03	278	250113	50.70	ng #	80
91) Benzo(g,h,i)perylene	17.45	276	252429	49.93	ng #	76

(#) = 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: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MS

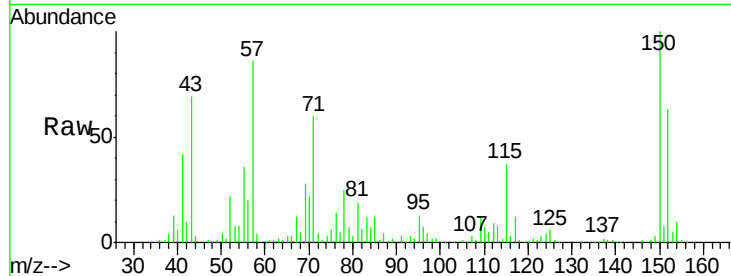
Tgt Ion:152 Resp: 96600

Ion Ratio Lower Upper

152 100

150 159.0 124.7 187.1

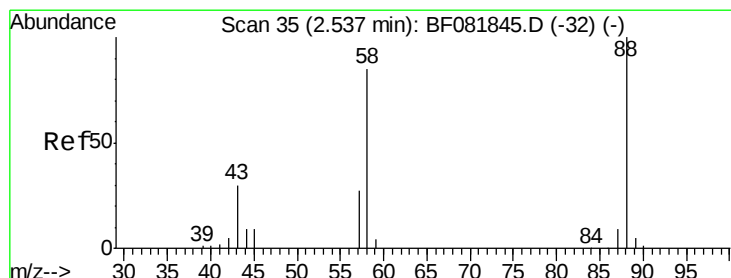
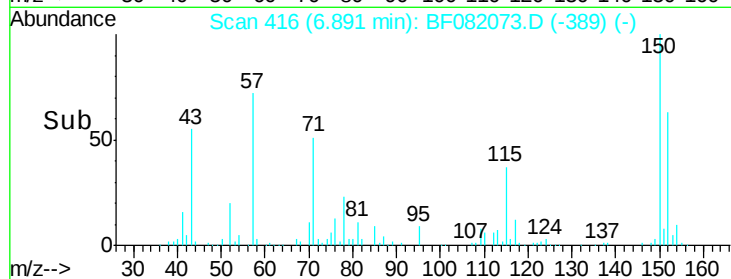
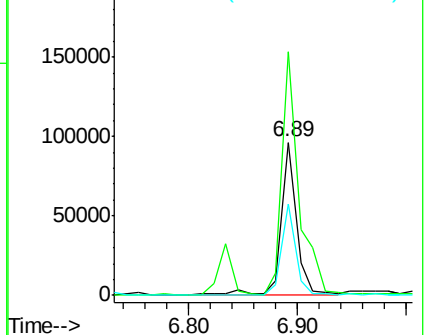
115 59.5 39.0 58.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.14 ng

RT: 2.56 min Scan# 37

Delta R.T. 0.06 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

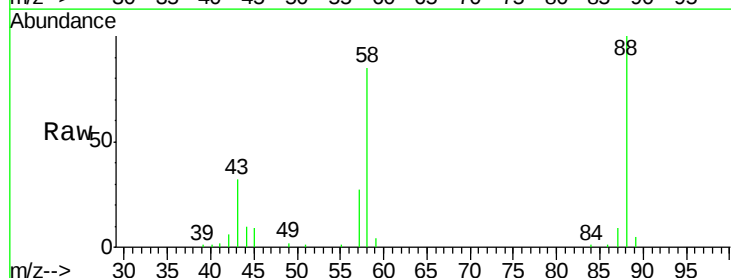
Tgt Ion: 88 Resp: 85947

Ion Ratio Lower Upper

88 100

58 79.5 77.7 116.5

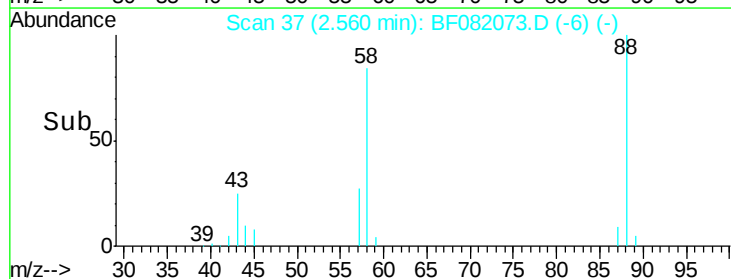
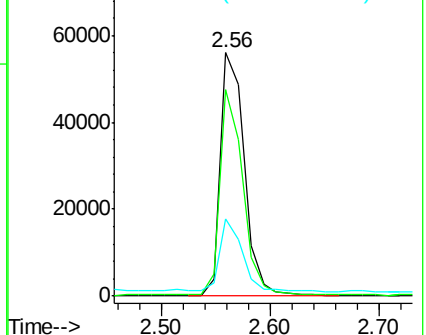
43 28.1 26.6 40.0

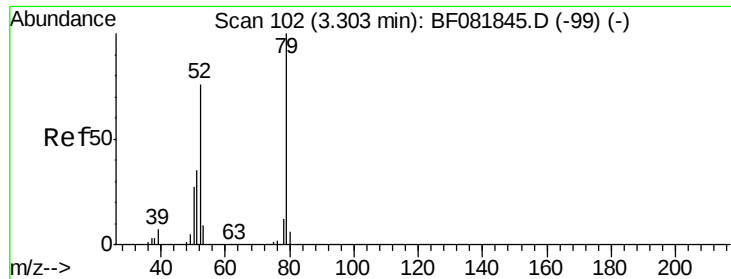


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 37.27 ng

RT: 3.30 min Scan# 102

Delta R.T. 0.07 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MS

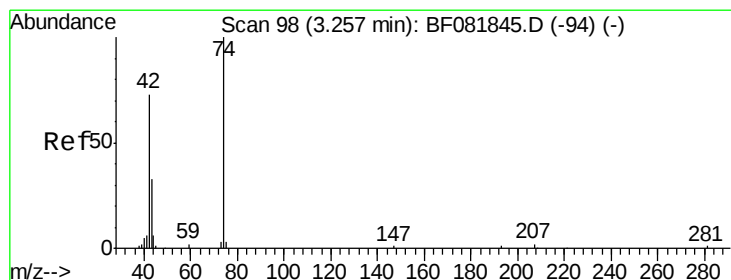
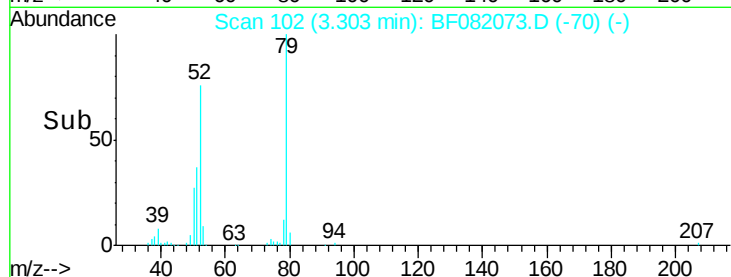
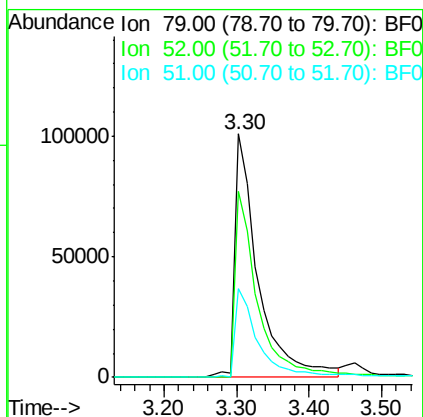
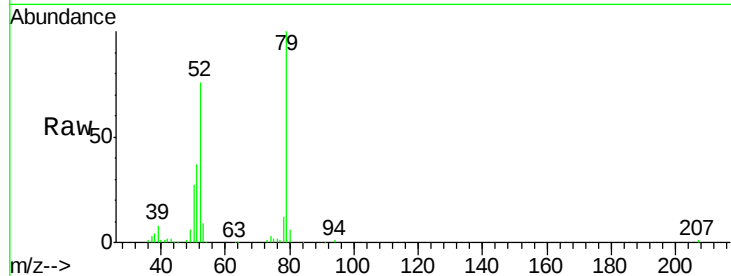
Tgt Ion: 79 Resp: 224576

Ion Ratio Lower Upper

79 100

52 76.3 76.8 115.2#

51 36.6 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 37.38 ng

RT: 3.26 min Scan# 98

Delta R.T. 0.06 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

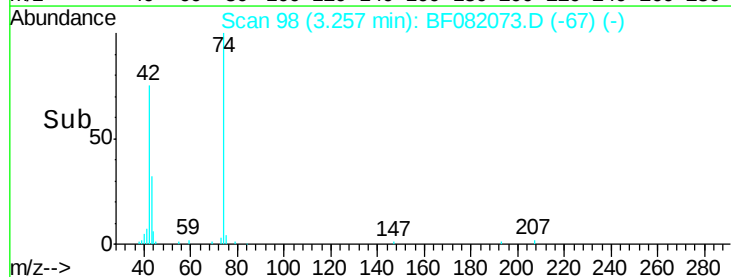
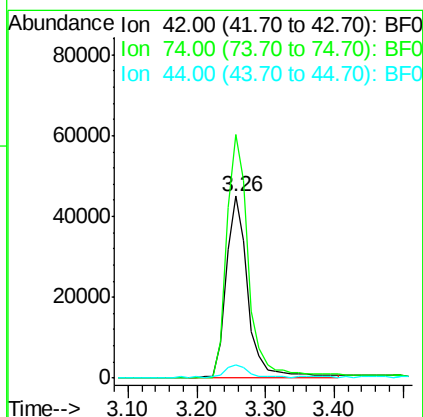
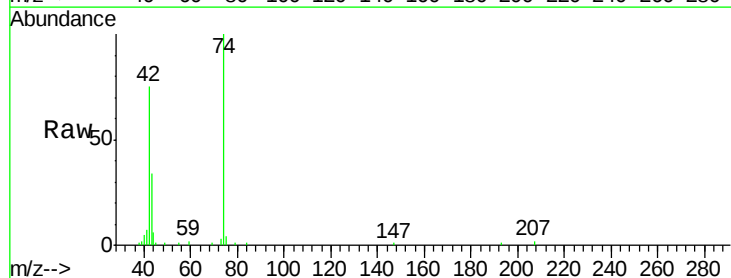
Tgt Ion: 42 Resp: 102281

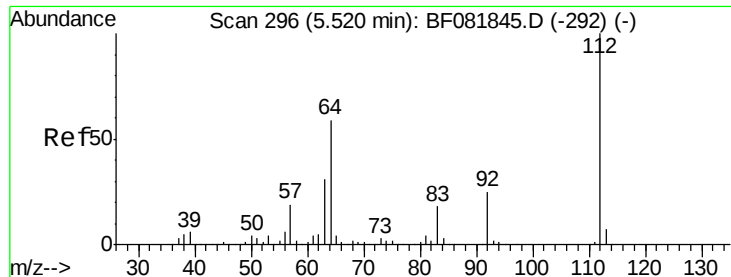
Ion Ratio Lower Upper

42 100

74 133.9 105.0 157.6

44 7.4 6.6 10.0





#5

2-Fluorophenol

Concen: 131.70 ng

RT: 5.50 min Scan# 294

Delta R.T. 0.02 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MS

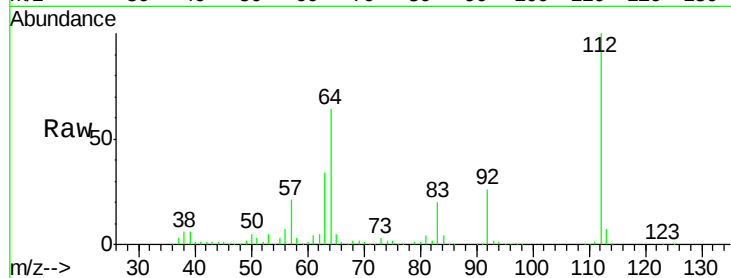
Tgt Ion: 112 Resp: 700836

Ion Ratio Lower Upper

112 100

64 64.3 39.7 59.5#

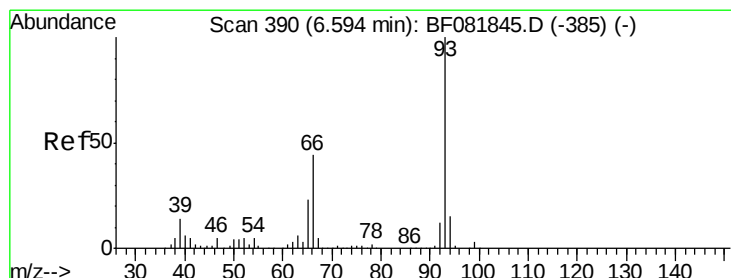
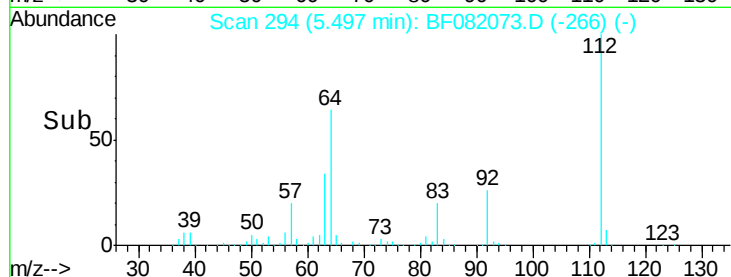
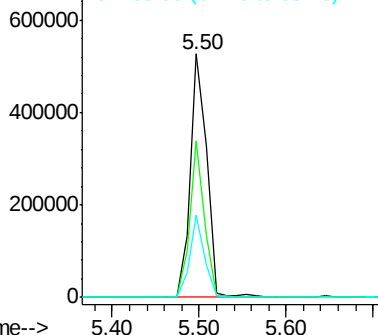
63 34.1 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 13.28 ng

RT: 6.58 min Scan# 389

Delta R.T. 0.03 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

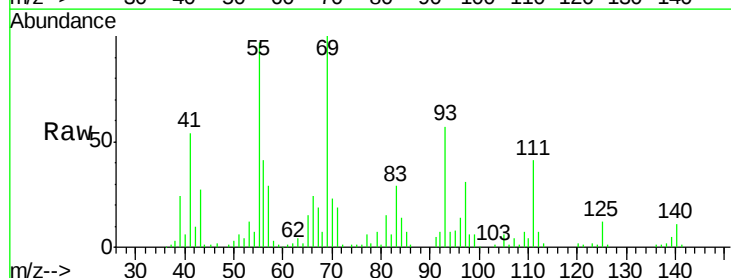
Tgt Ion: 93 Resp: 119495

Ion Ratio Lower Upper

93 100

66 41.6 27.2 40.8#

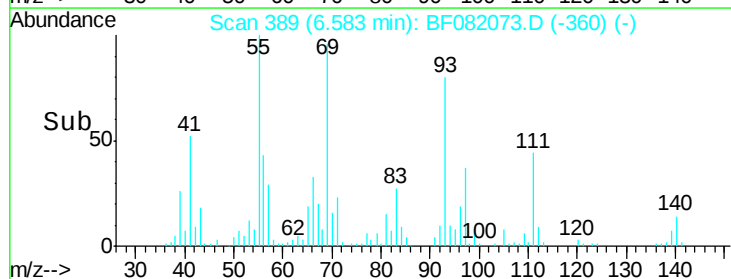
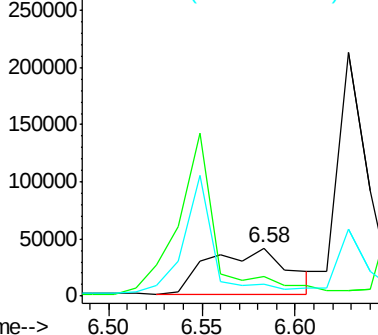
65 25.8 14.7 22.1#

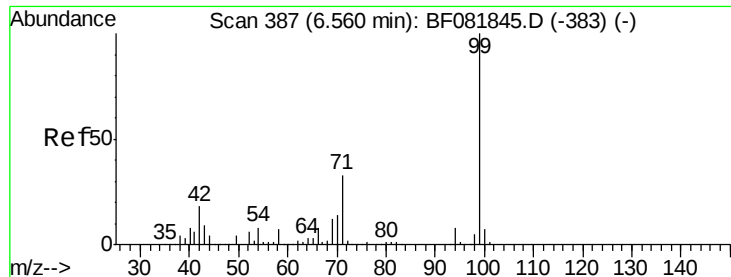


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 131.52 ng

RT: 6.54 min Scan# 385

Delta R.T. 0.02 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

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SS-8(0-24)MS

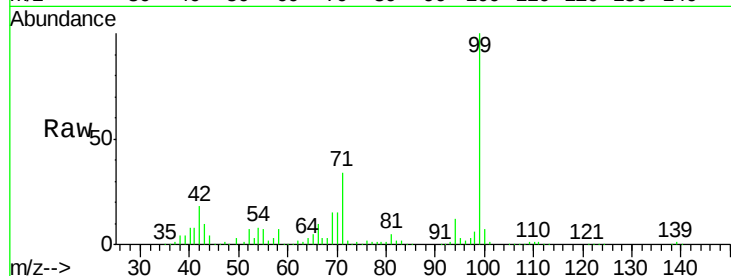
Tgt Ion: 99 Resp: 880668

Ion Ratio Lower Upper

99 100

42 17.5 13.7 20.5

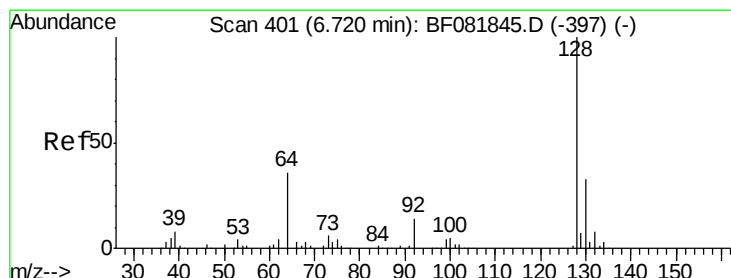
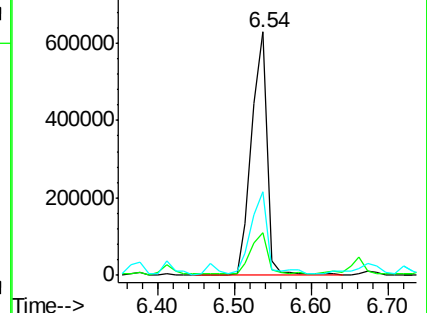
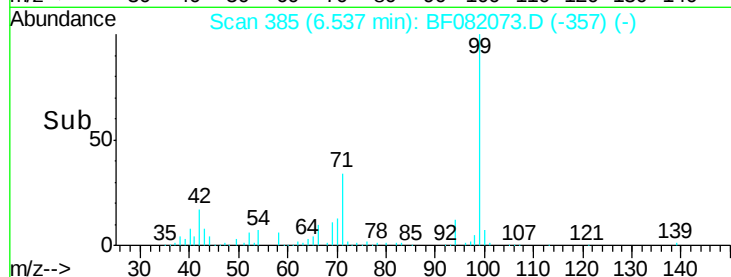
71 34.2 14.2 21.2#



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: 39.27 ng

RT: 6.69 min Scan# 398

Delta R.T. 0.02 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

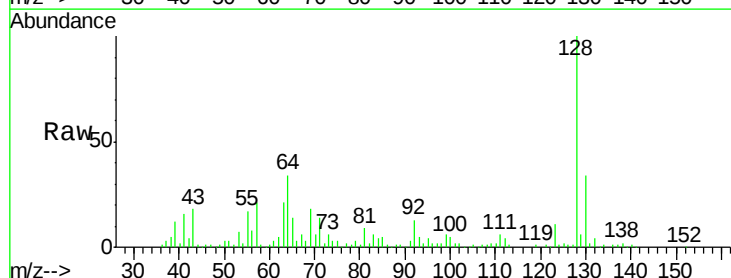
Tgt Ion: 128 Resp: 230785

Ion Ratio Lower Upper

128 100

130 34.0 12.2 52.2

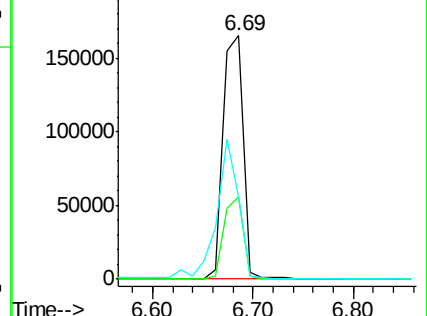
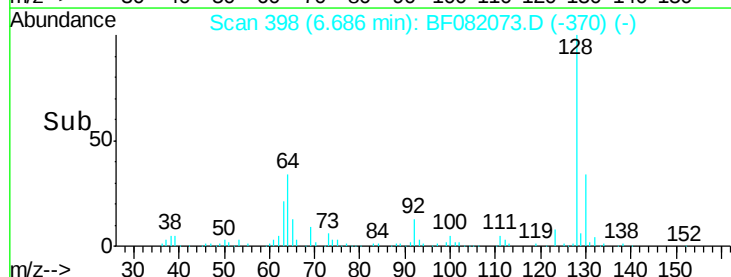
64 33.8 20.5 60.5

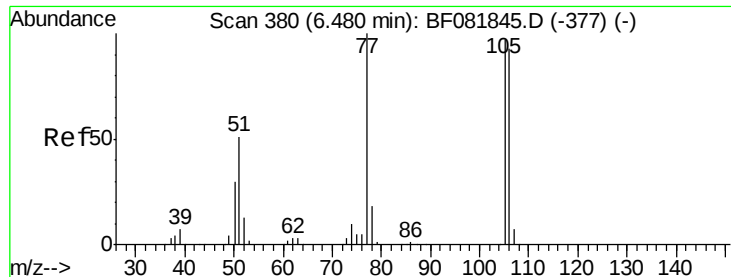


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 13.22 ng

RT: 6.43 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MS

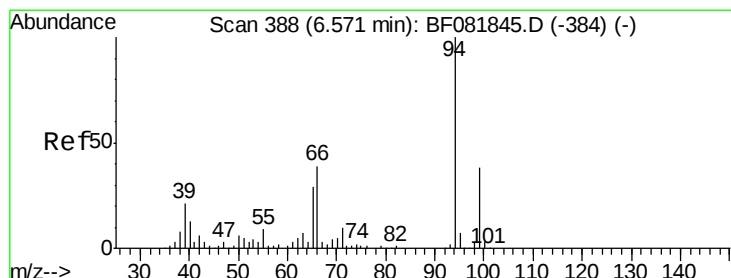
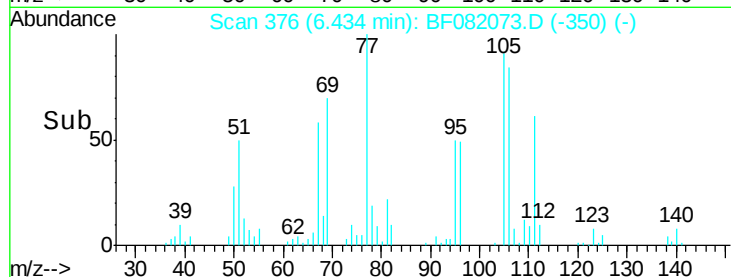
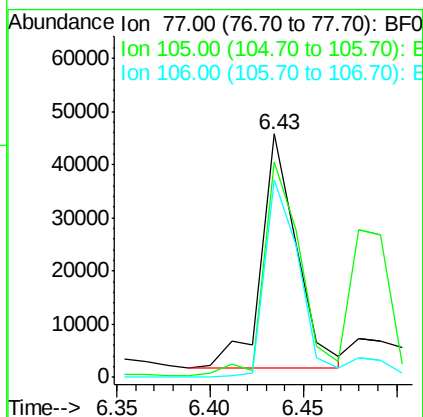
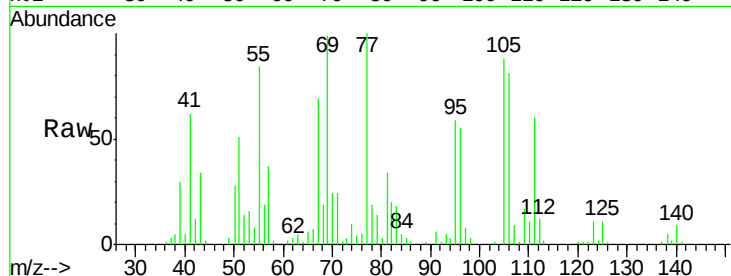
Tgt Ion: 77 Resp: 57970

Ion Ratio Lower Upper

77 100

105 88.3 91.6 131.6#

106 81.1 102.6 142.6#



#10

Phenol

Concen: 43.63 ng

RT: 6.55 min Scan# 386

Delta R.T. 0.02 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

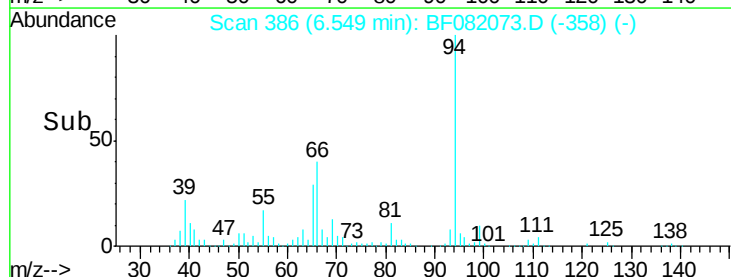
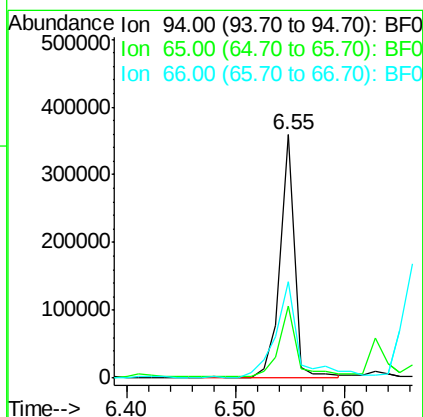
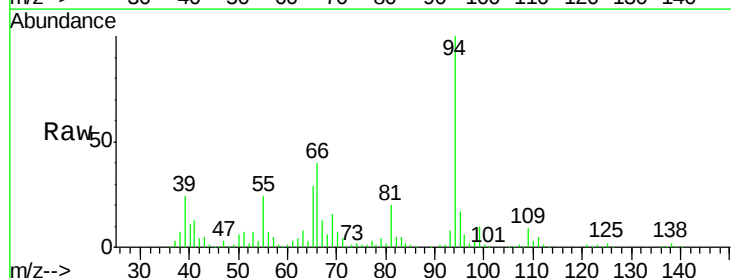
Tgt Ion: 94 Resp: 327727

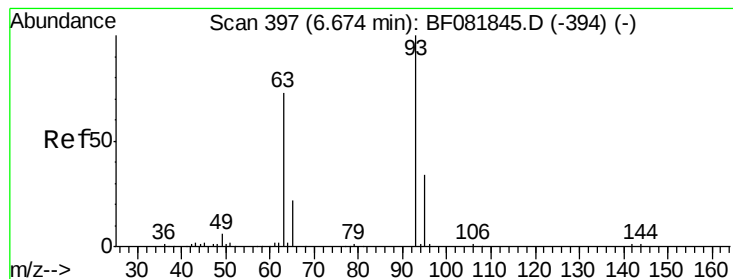
Ion Ratio Lower Upper

94 100

65 29.5 0.7 40.7

66 39.7 0.8 40.8

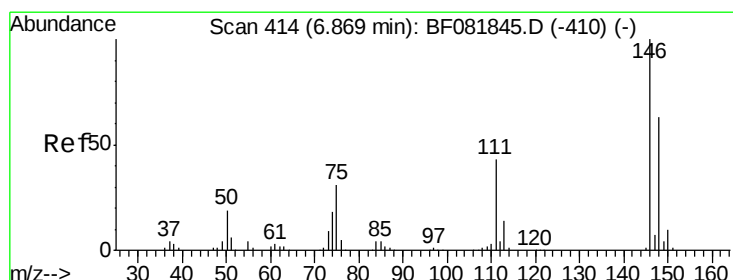
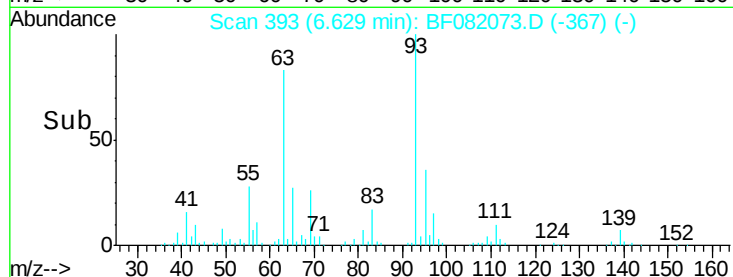
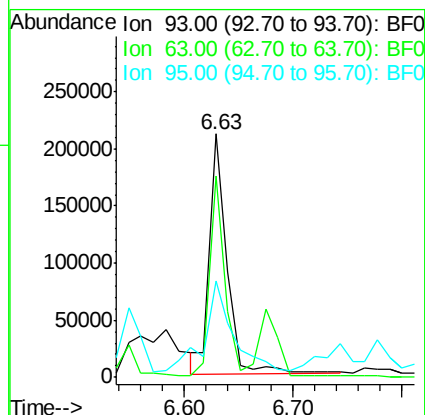
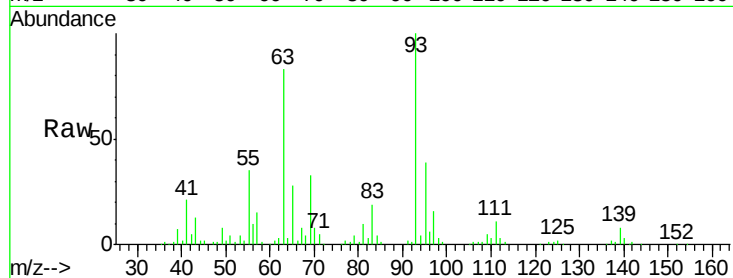




#11
bis(2-Chloroethyl)ether
Concen: 41.40 ng
RT: 6.63 min Scan# 393
Delta R.T. -0.00 min
Lab File: BF082073.D
Acq: 6 Oct 2015 5:31

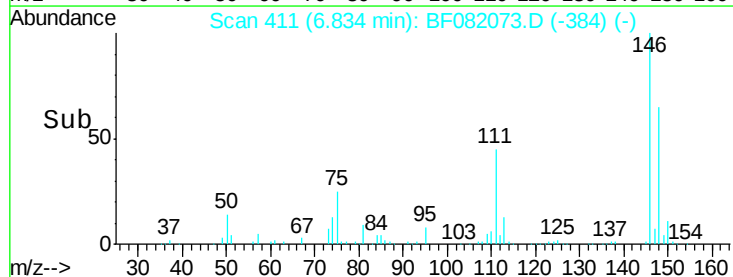
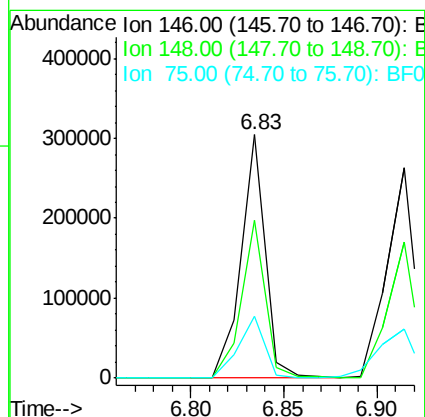
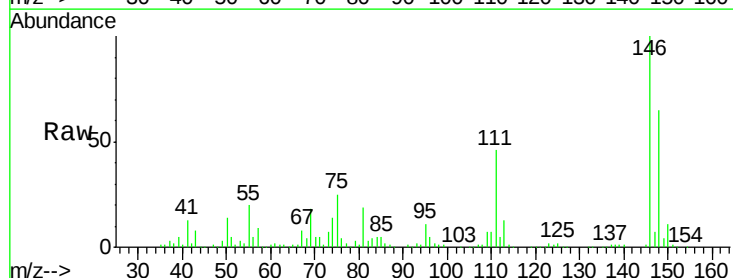
Instrument :
BNA_F
ClientSampleId :
SS-8(0-24)MS

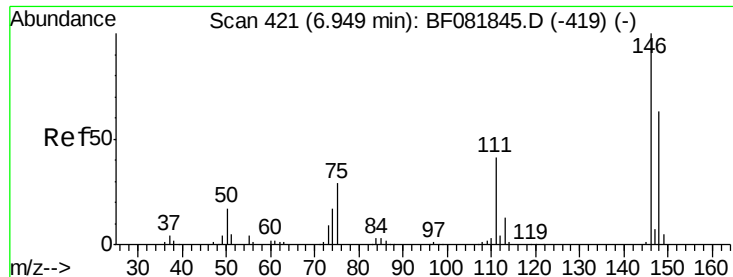
Tgt Ion: 93 Resp: 241177
Ion Ratio Lower Upper
93 100
63 82.9 65.6 105.6
95 39.5 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 39.96 ng
RT: 6.83 min Scan# 411
Delta R.T. 0.01 min
Lab File: BF082073.D
Acq: 6 Oct 2015 5:31

Tgt Ion: 146 Resp: 277354
Ion Ratio Lower Upper
146 100
148 64.8 51.0 76.4
75 25.3 15.0 22.6#

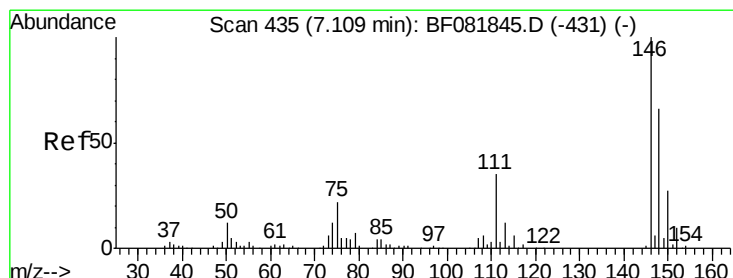
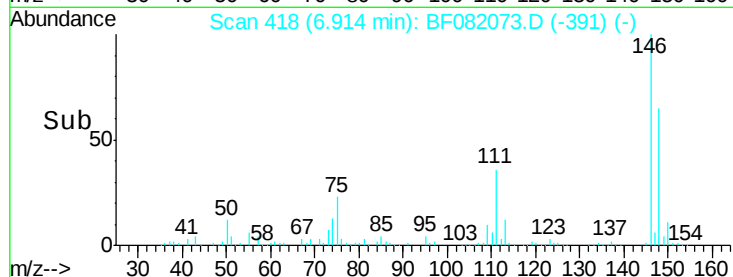
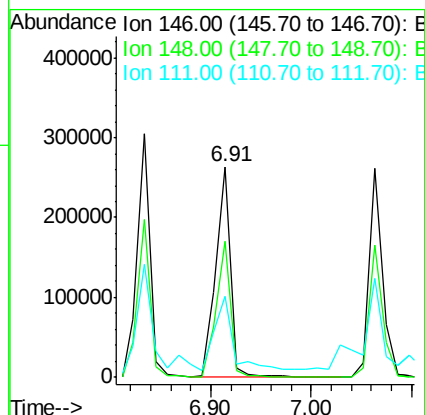
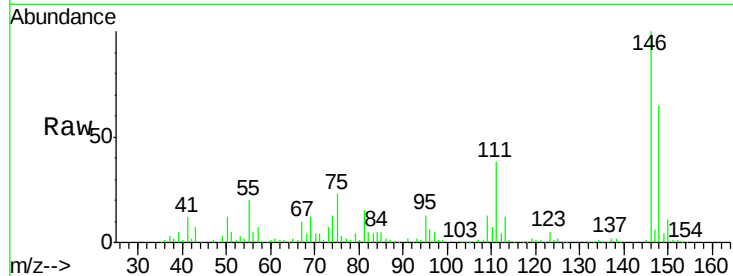




#13
 1,4-Dichlorobenzene
 Concen: 37.47 ng
 RT: 6.91 min Scan# 418
 Delta R.T. 0.01 min
 Lab File: BF082073.D
 Acq: 6 Oct 2015 5:31

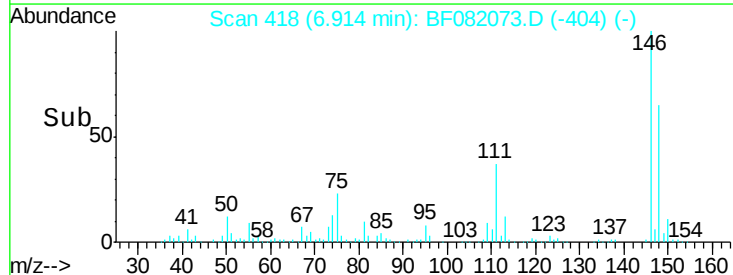
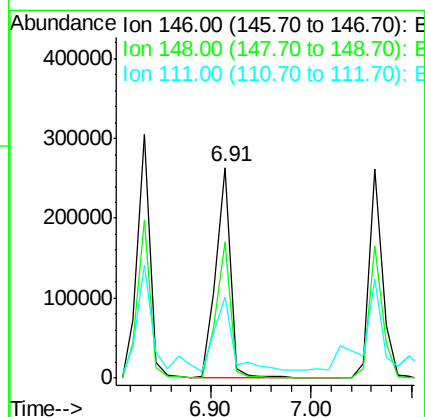
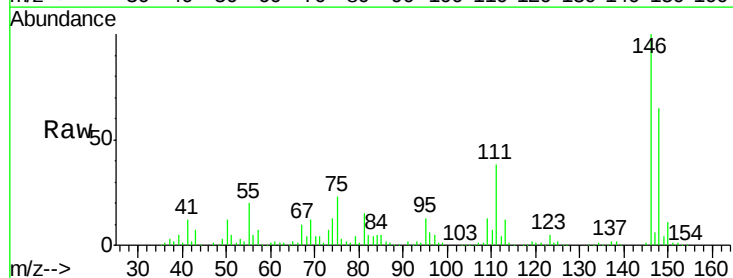
Instrument :
 BNA_F
 ClientSampleId :
 SS-8(0-24)MS

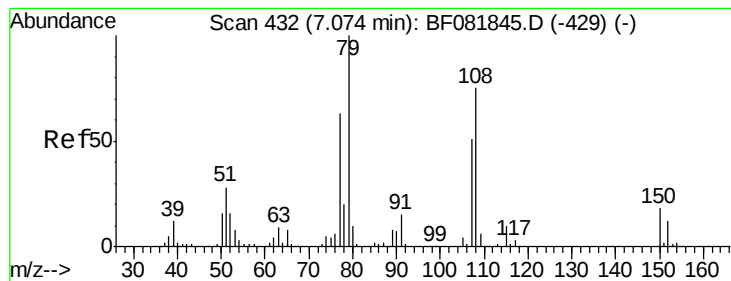
Tgt Ion:146 Resp: 271598
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.8 77.6
 111 38.3 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 42.32 ng
 RT: 6.91 min Scan# 418
 Delta R.T. -0.14 min
 Lab File: BF082073.D
 Acq: 6 Oct 2015 5:31

Tgt Ion:146 Resp: 273295
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.7 79.1
 111 38.3 28.8 43.2





#15

Benzyl Alcohol

Concen: 37.57 ng

RT: 7.04 min Scan# 429

Delta R.T. 0.01 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MS

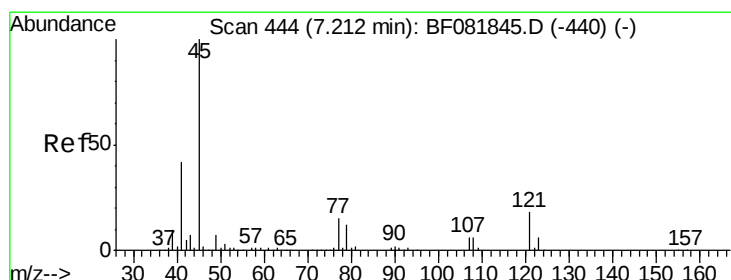
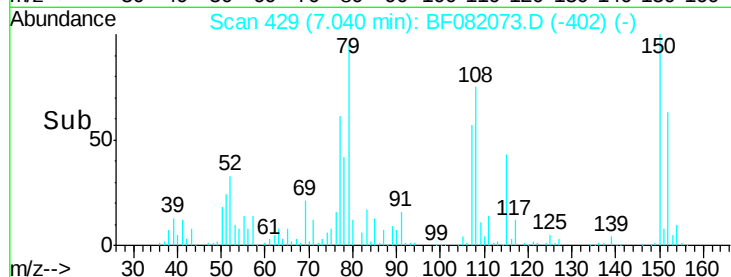
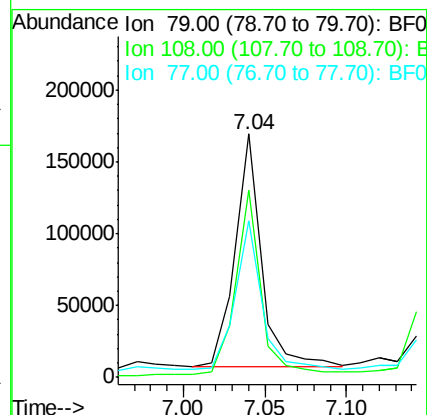
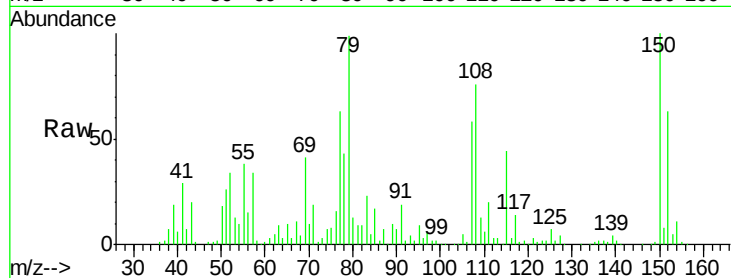
Tgt Ion: 79 Resp: 181584

Ion Ratio Lower Upper

79 100

108 76.7 88.6 132.8#

77 64.2 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.22 ng

RT: 7.18 min Scan# 441

Delta R.T. 0.01 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

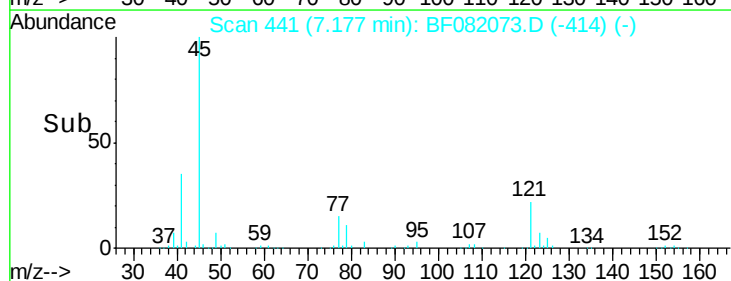
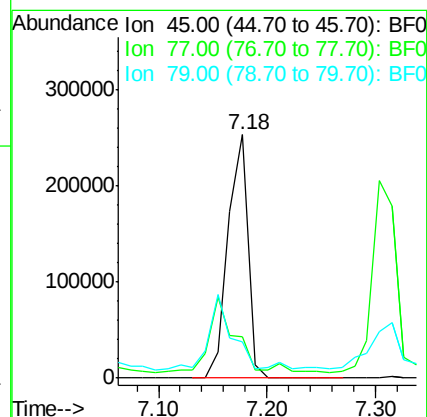
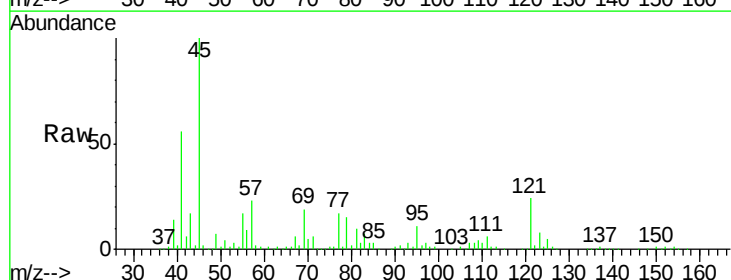
Tgt Ion: 45 Resp: 322937

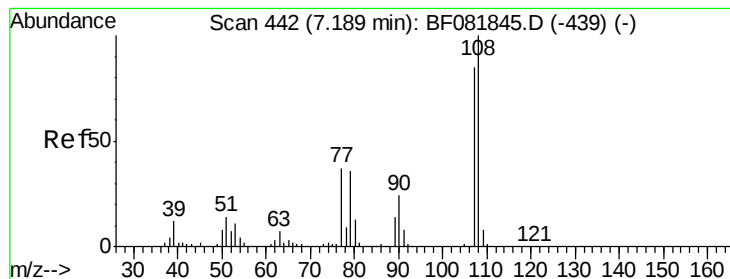
Ion Ratio Lower Upper

45 100

77 17.0 0.0 28.1

79 14.8 0.0 26.0





#17

2-Methylphenol

Concen: 38.32 ng

RT: 7.15 min Scan# 439

Delta R.T. 0.01 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MS

Tgt Ion:107 Resp: 182590

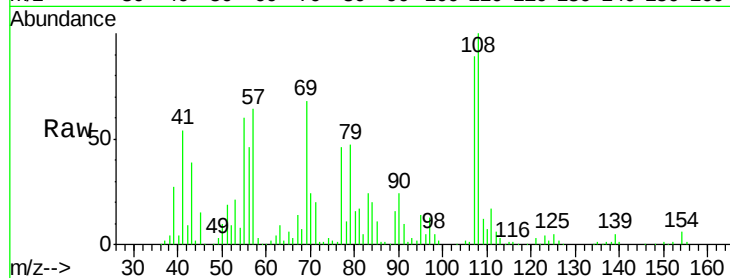
Ion Ratio Lower Upper

107 100

108 112.0 96.6 145.0

77 51.6 23.3 34.9#

79 52.7 22.0 33.0#

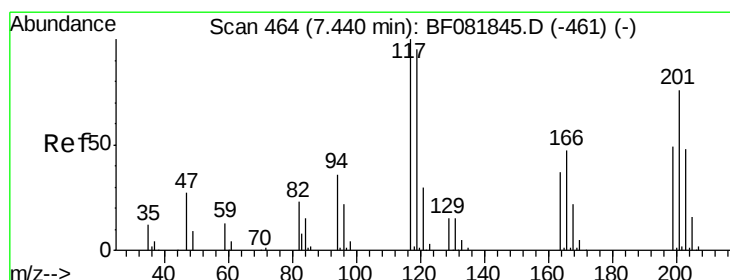
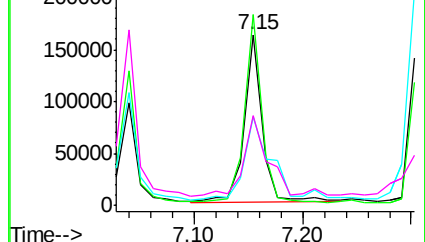
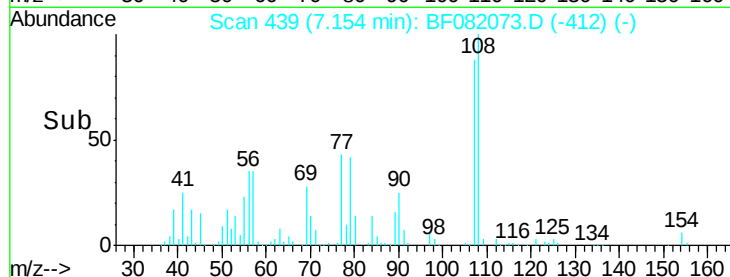


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 35.30 ng

RT: 7.41 min Scan# 461

Delta R.T. 0.01 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

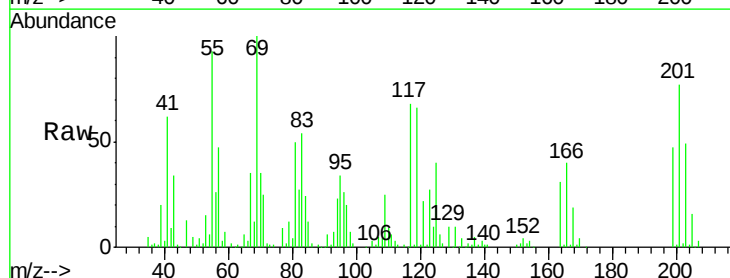
Tgt Ion:117 Resp: 80099

Ion Ratio Lower Upper

117 100

119 96.3 83.8 125.6

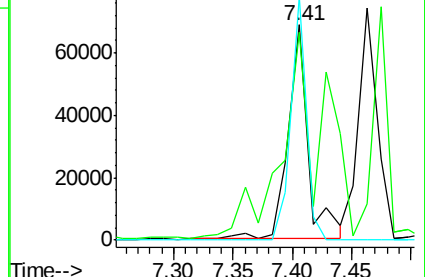
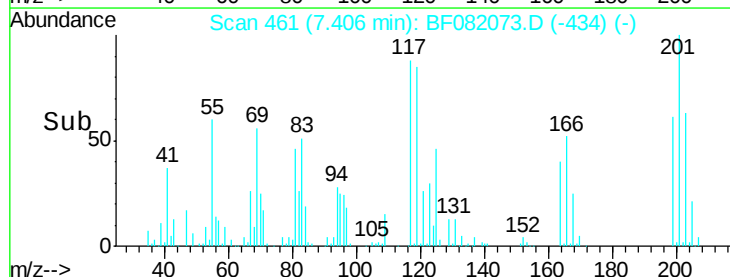
201 113.0 55.1 82.7#

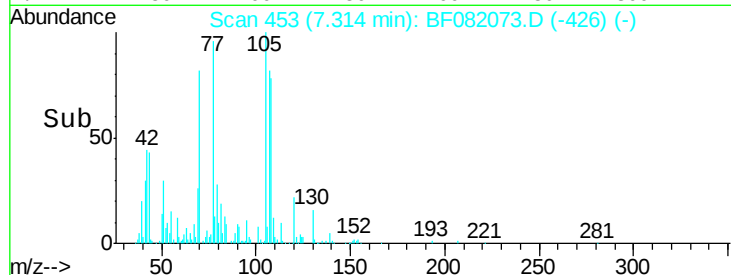
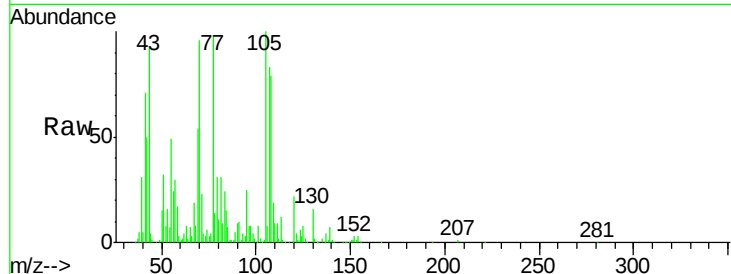
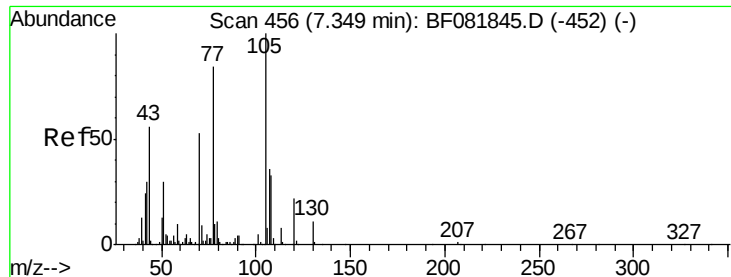


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

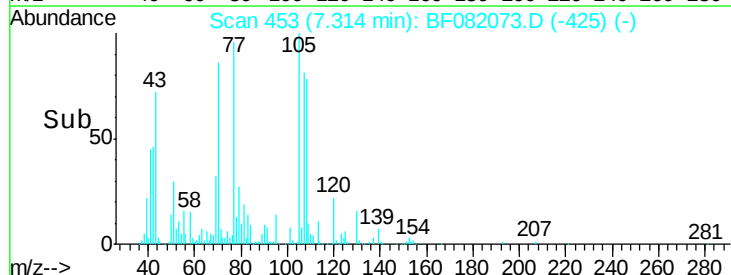
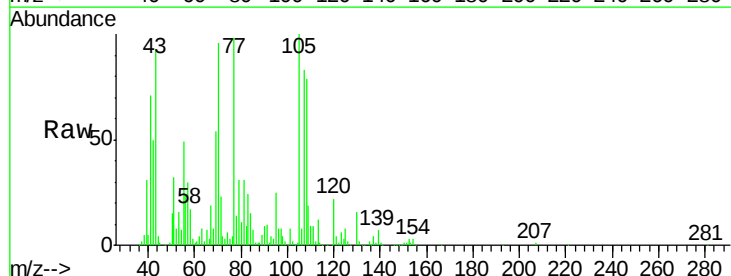
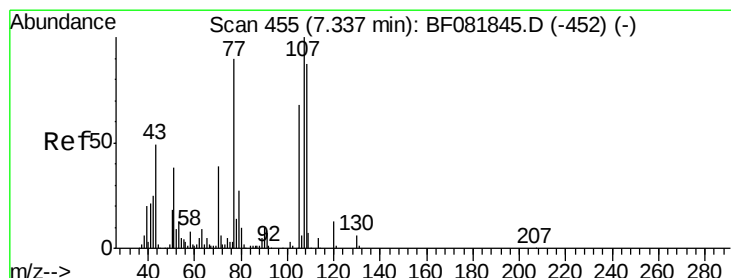
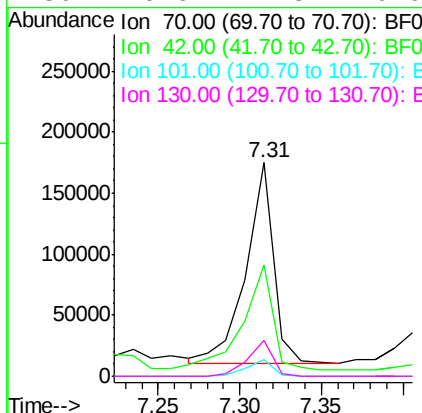




#19
n-Nitroso-di-n-propylamine
Concen: 47.47 ng
RT: 7.31 min Scan# 453
Delta R.T. 0.01 min
Lab File: BF082073.D
Acq: 6 Oct 2015 5:31

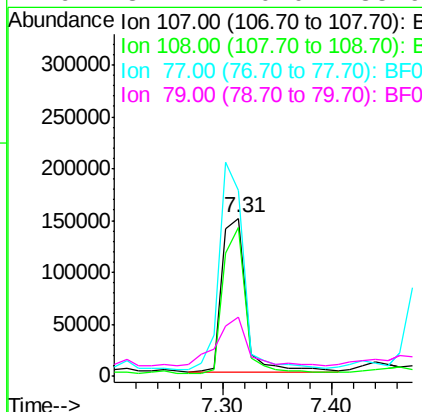
Instrument :
BNA_F
ClientSampleId :
SS-8(0-24)MS

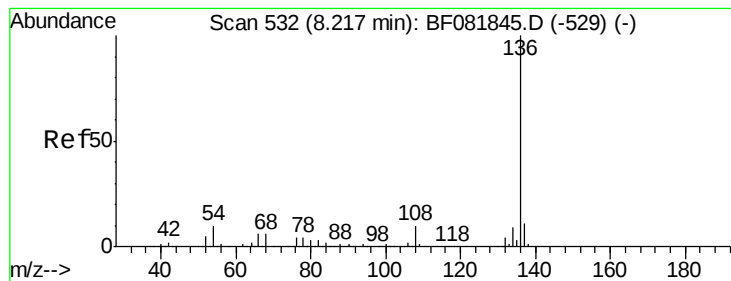
Tgt Ion:	70	Resp:	193197
Ion	Ratio	Lower	Upper
70	100		
42	52.0	63.8	95.6#
101	8.0	9.2	13.8#
130	16.6	27.3	40.9#



#20
3+4-Methylphenols
Concen: 37.54 ng
RT: 7.31 min Scan# 453
Delta R.T. 0.02 min
Lab File: BF082073.D
Acq: 6 Oct 2015 5:31

Tgt Ion:	107	Resp:	225922
Ion	Ratio	Lower	Upper
107	100		
108	94.2	74.6	114.6
77	117.5	0.7	40.7#
79	37.7	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: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MS

Tgt Ion:136 Resp: 289716

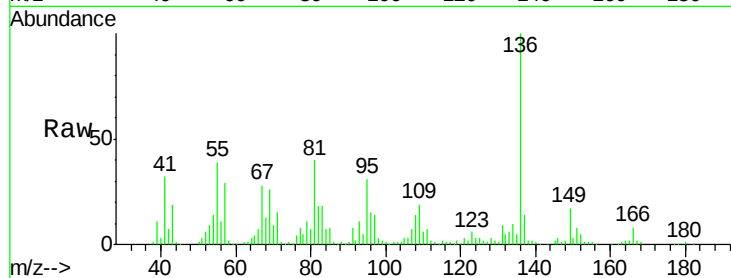
Ion Ratio Lower Upper

136 100

137 14.1 9.0 13.6#

54 13.5 8.2 12.2#

68 12.5 5.8 8.6#



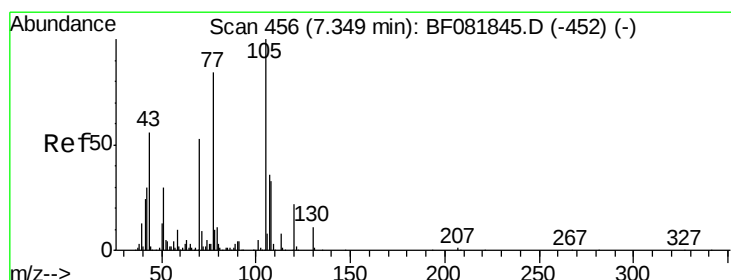
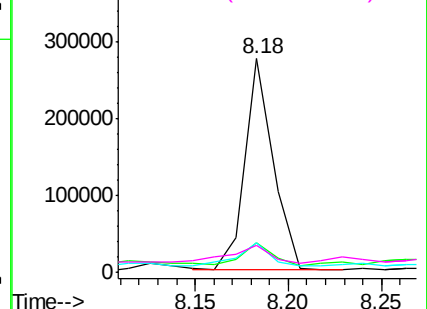
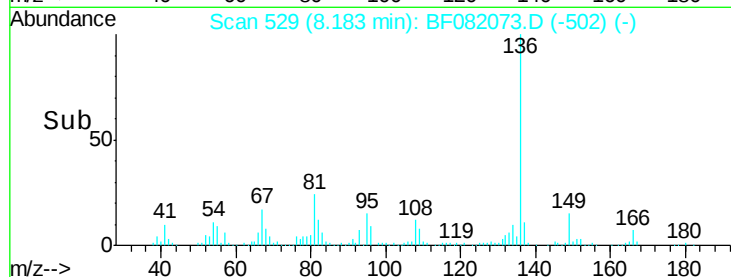
Abundance

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: 54.64 ng

RT: 7.30 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Tgt Ion:105 Resp: 323639

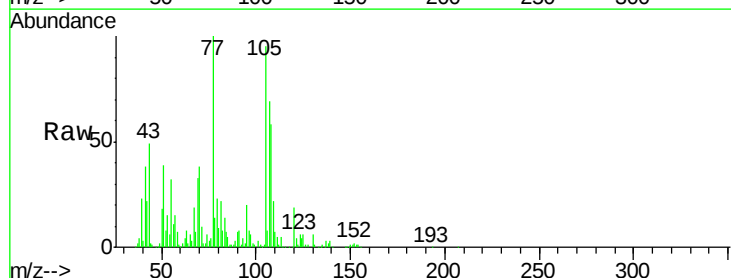
Ion Ratio Lower Upper

105 100

71 10.8 4.7 7.1#

51 40.9 22.0 33.0#

120 20.1 30.1 45.1#



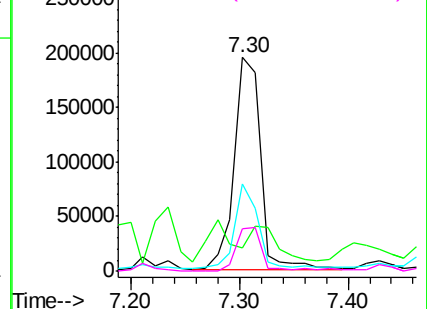
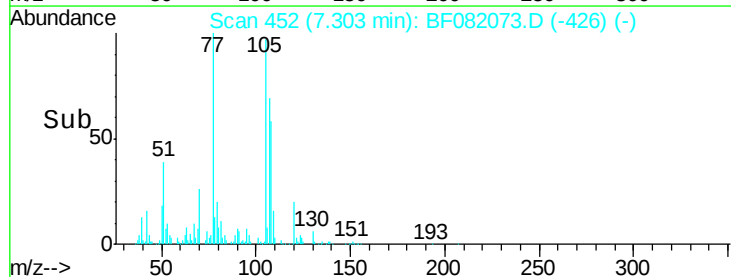
Abundance

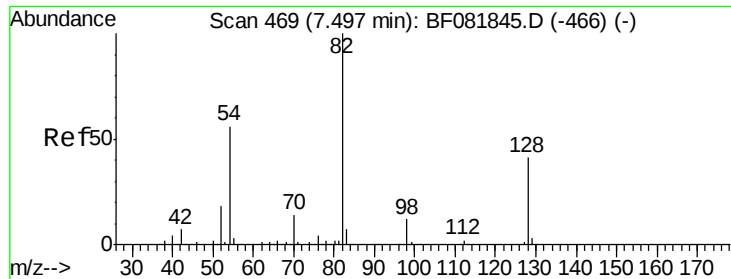
Ion 105.00 (104.70 to 105.70): E

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

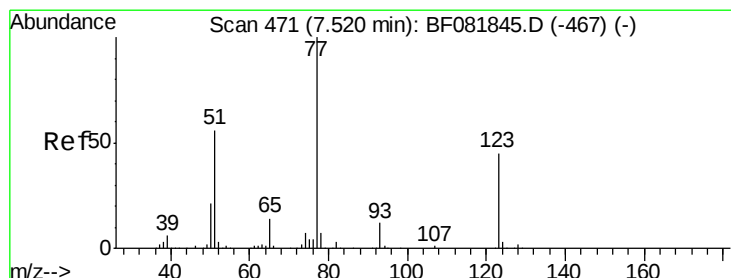
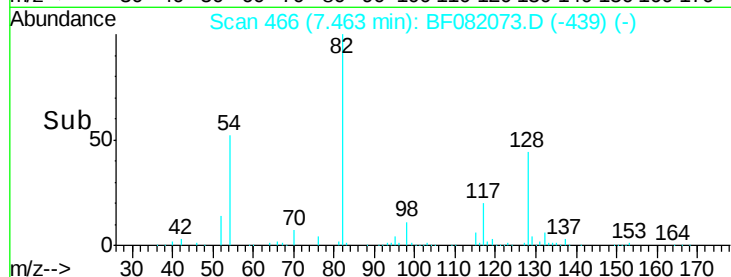
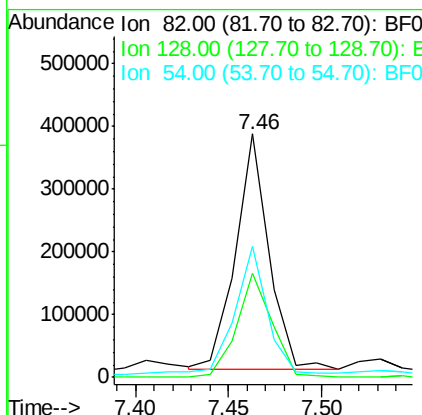
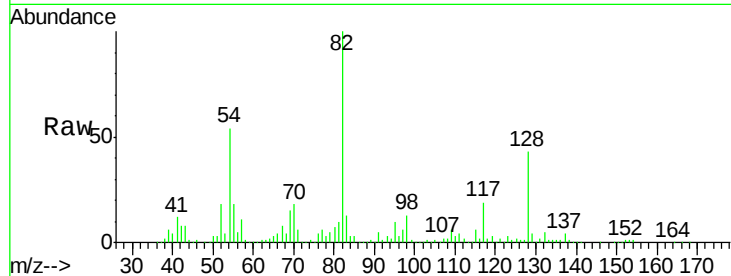




#23
 Nitrobenzene-d5
 Concen: 106.89 ng
 RT: 7.46 min Scan# 466
 Delta R.T. 0.01 min
 Lab File: BF082073.D
 Acq: 6 Oct 2015 5:31

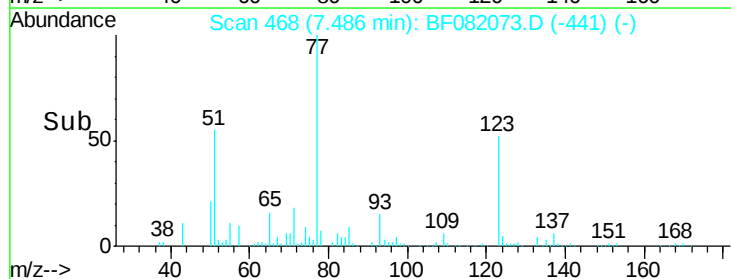
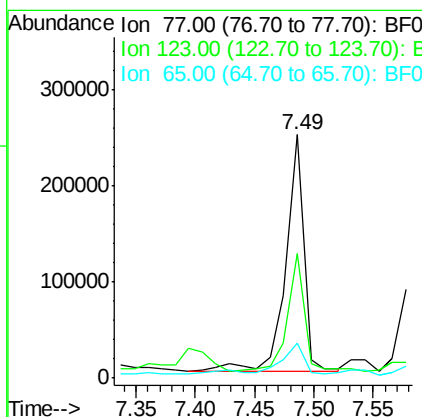
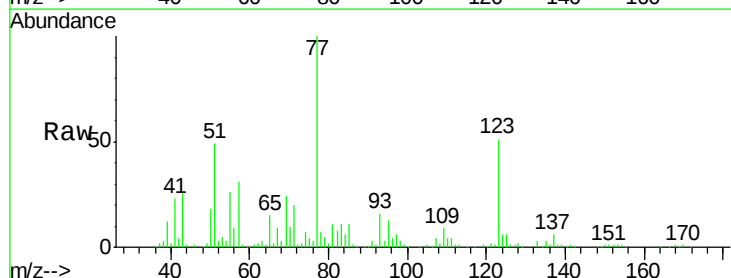
Instrument :
 BNA_F
 ClientSampleId :
 SS-8(0-24)MS

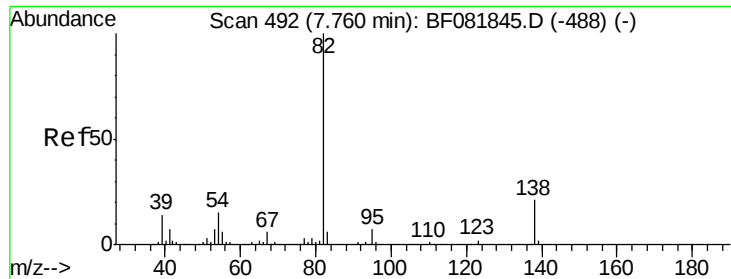
Tgt Ion: 82 Resp: 464576
 Ion Ratio Lower Upper
 82 100
 128 42.6 51.0 76.6#
 54 54.0 47.5 71.3



#24
 Nitrobenzene
 Concen: 54.22 ng
 RT: 7.49 min Scan# 468
 Delta R.T. 0.01 min
 Lab File: BF082073.D
 Acq: 6 Oct 2015 5:31

Tgt Ion: 77 Resp: 255871
 Ion Ratio Lower Upper
 77 100
 123 51.4 59.8 89.8#
 65 14.6 10.2 15.4





#25

Isophorone

Concen: 55.12 ng

RT: 7.73 min Scan# 489

Delta R.T. 0.01 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MS

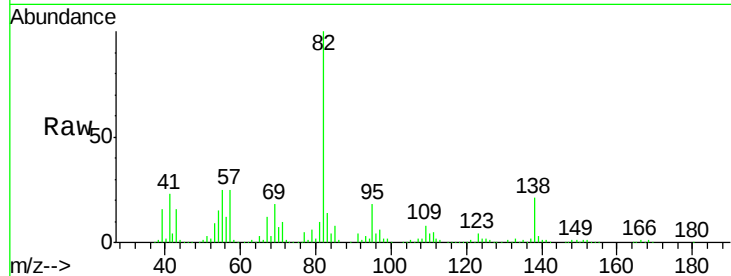
Tgt Ion: 82 Resp: 474778

Ion Ratio Lower Upper

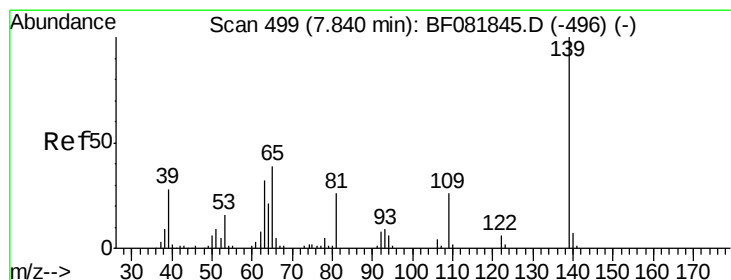
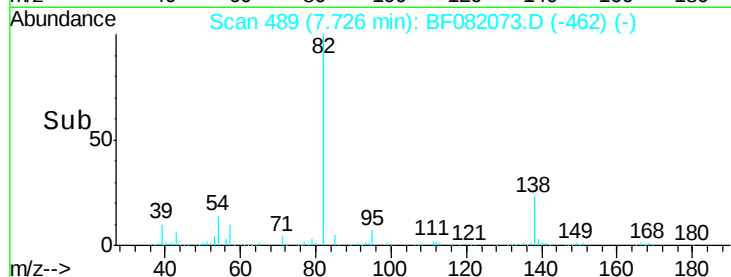
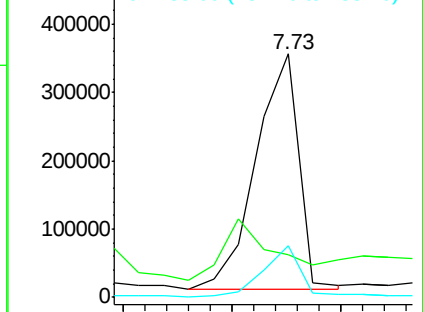
82 100

95 17.7 4.0 6.0#

138 21.4 18.3 27.5



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 36.02 ng

RT: 7.79 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

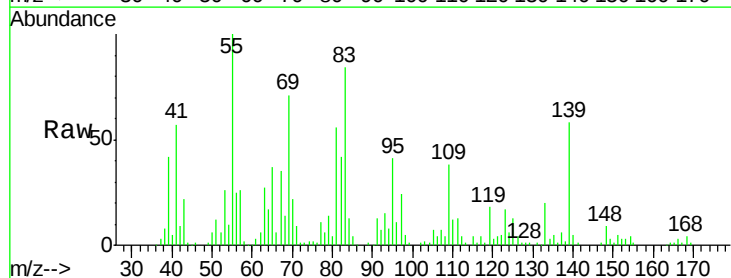
Tgt Ion: 139 Resp: 81599

Ion Ratio Lower Upper

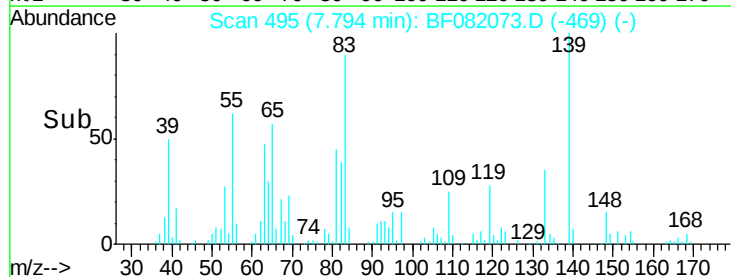
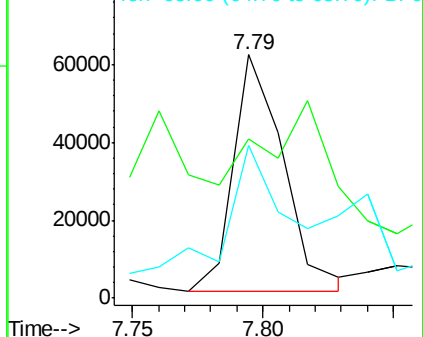
139 100

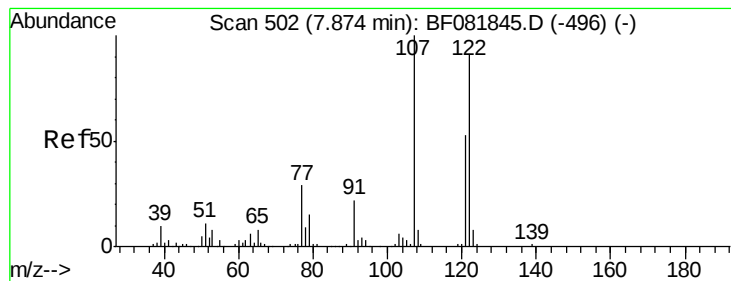
109 65.5 11.0 16.4#

65 62.8 24.7 37.1#



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 53.81 ng

RT: 7.84 min Scan# 499

Delta R.T. 0.01 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MS

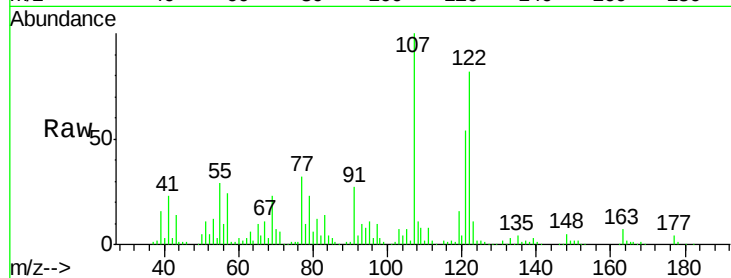
Tgt Ion:122 Resp: 214446

Ion Ratio Lower Upper

122 100

107 122.6 71.8 107.6#

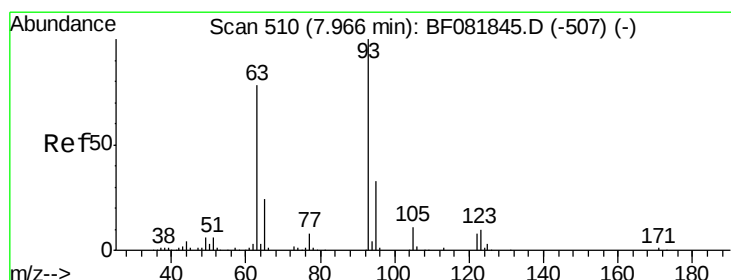
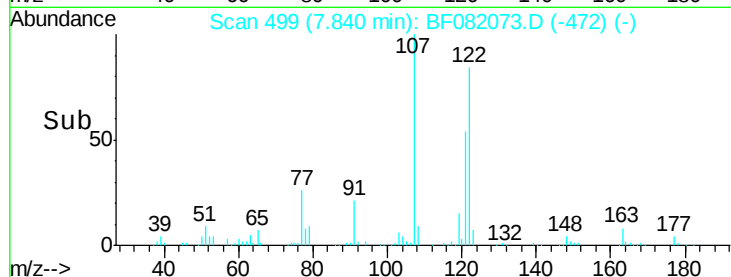
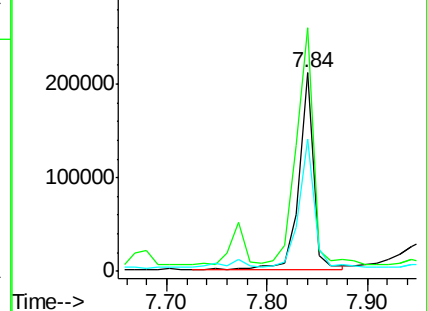
121 66.3 42.3 63.5#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 53.03 ng

RT: 7.93 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

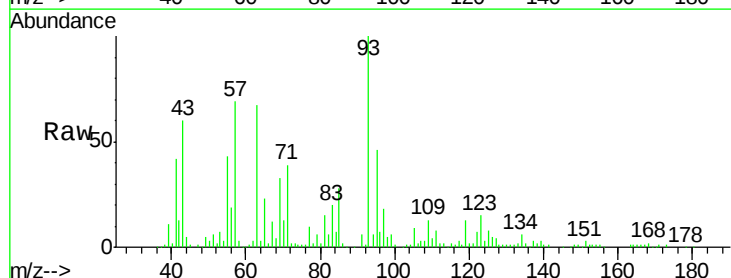
Tgt Ion: 93 Resp: 271251

Ion Ratio Lower Upper

93 100

95 46.4 27.5 41.3#

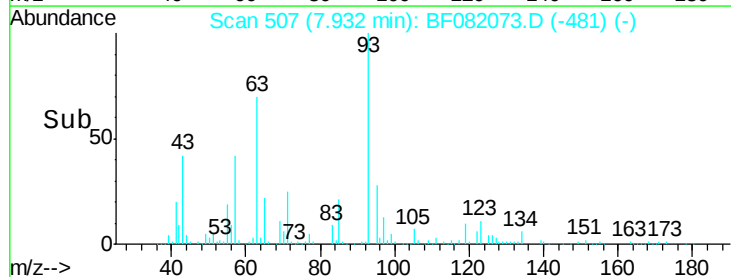
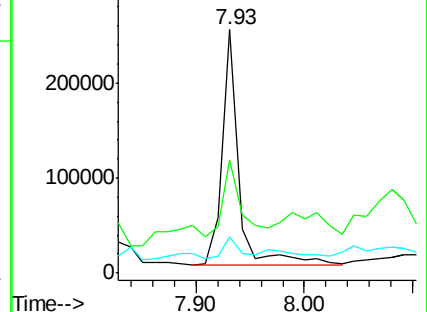
123 14.9 13.7 20.5

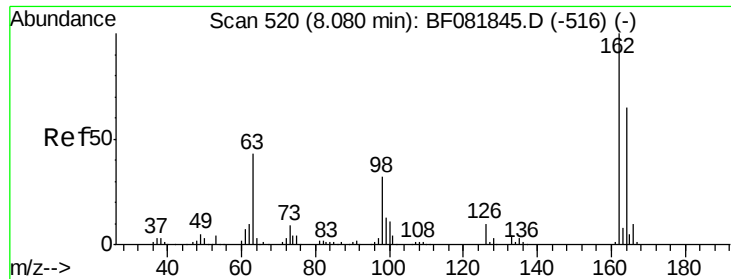


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

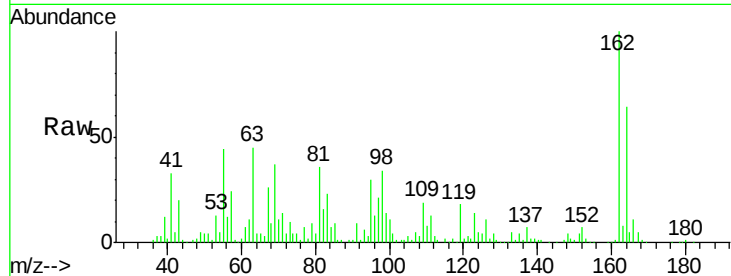




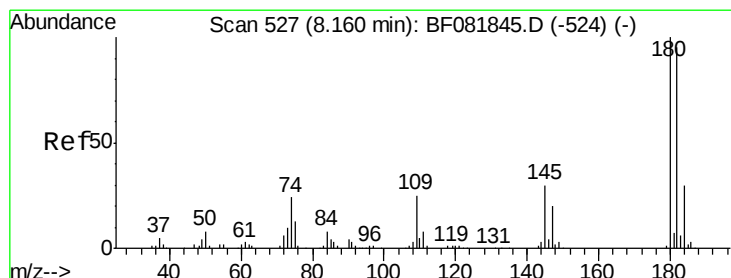
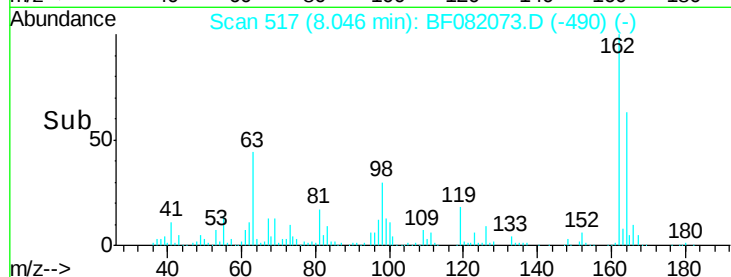
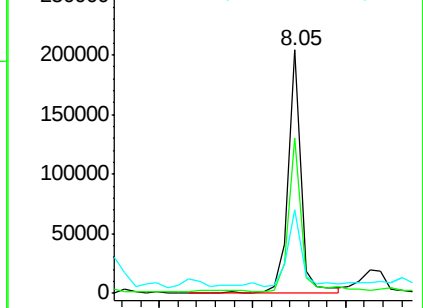
#29
2,4-Dichlorophenol
Concen: 51.45 ng
RT: 8.05 min Scan# 517
Delta R.T. 0.01 min
Lab File: BF082073.D
Acq: 6 Oct 2015 5:31

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

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.9	84.9
98	34.3	13.0	53.0

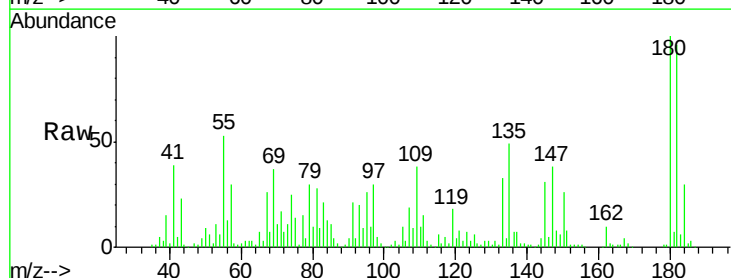


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

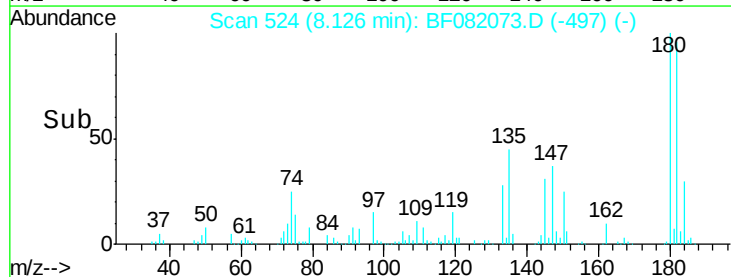
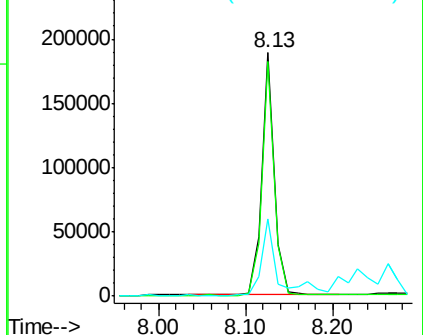


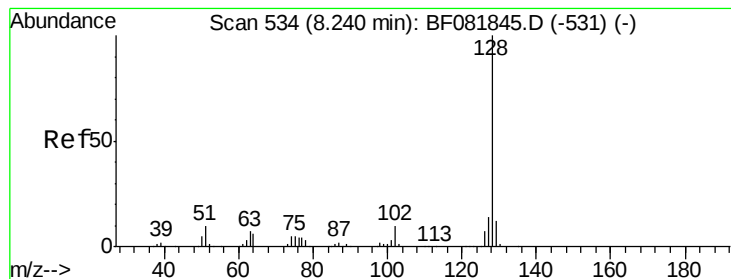
#30
1,2,4-Trichlorobenzene
Concen: 45.14 ng
RT: 8.13 min Scan# 524
Delta R.T. 0.01 min
Lab File: BF082073.D
Acq: 6 Oct 2015 5:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	77.1	115.7
145	31.5	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: 45.13 ng

RT: 8.21 min Scan# 531

Delta R.T. 0.01 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MS

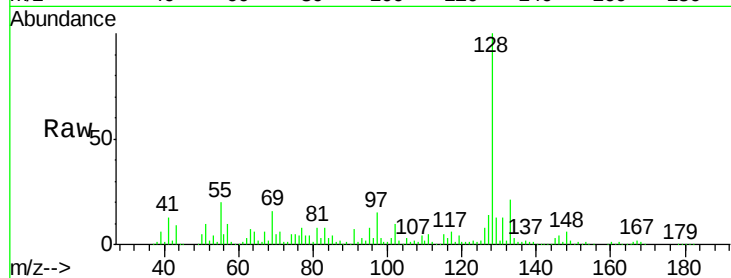
Tgt Ion:128 Resp: 579297

Ion Ratio Lower Upper

128 100

129 13.3 8.4 12.6#

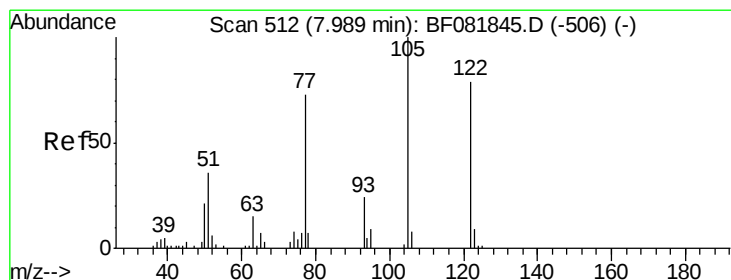
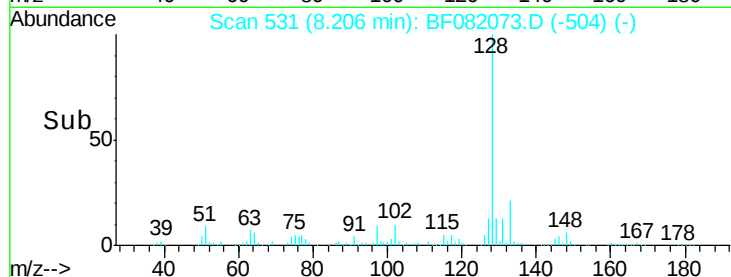
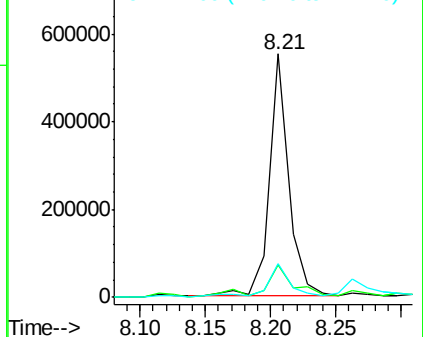
127 14.1 9.9 14.9



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: 35.01 ng

RT: 7.95 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

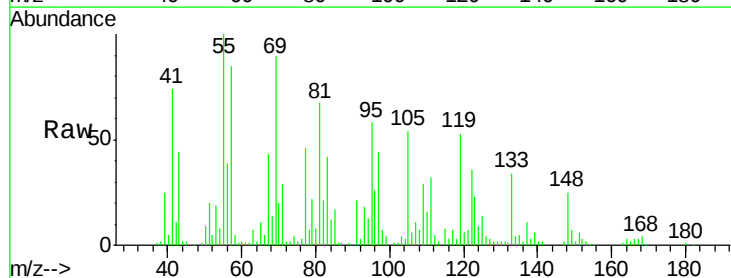
Tgt Ion:122 Resp: 77868

Ion Ratio Lower Upper

122 100

105 150.9 76.1 116.1#

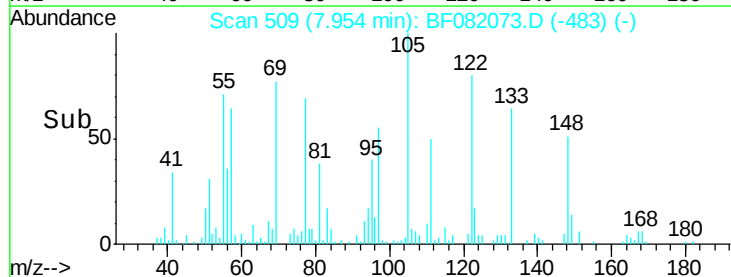
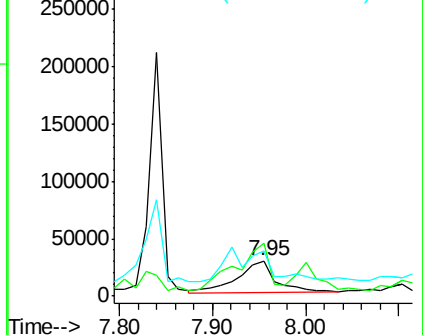
77 127.6 40.5 80.5#

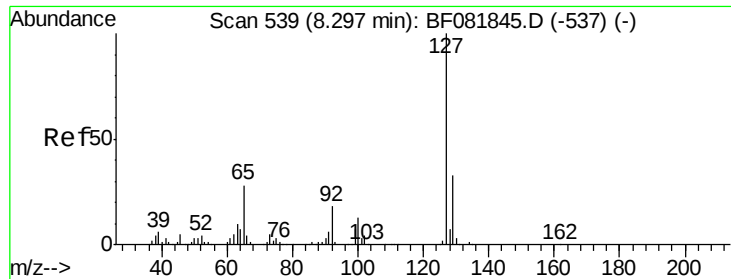


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

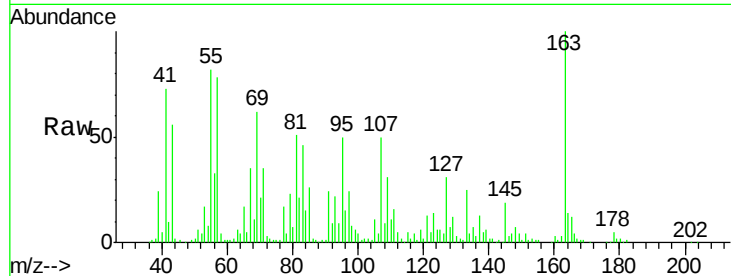




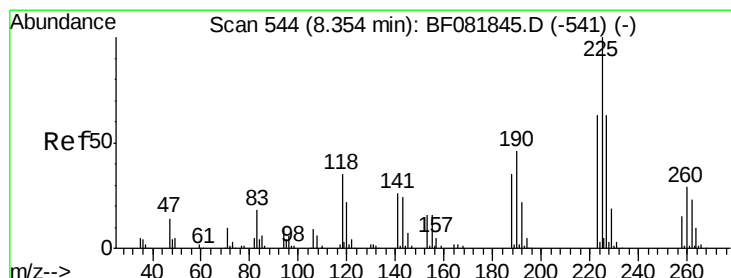
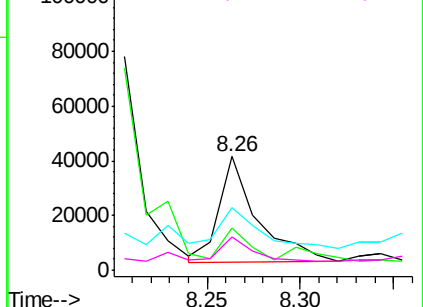
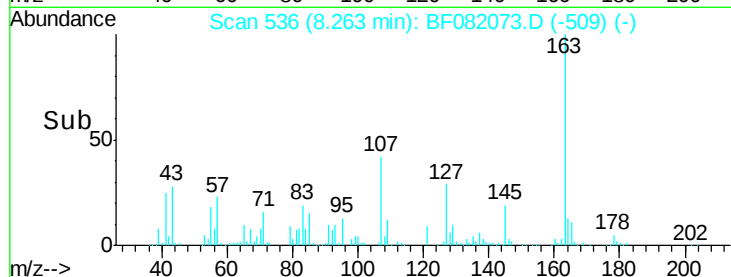
#33
4-Chloroaniline
Concen: 10.10 ng
RT: 8.26 min Scan# 536
Delta R.T. 0.01 min
Lab File: BF082073.D
Acq: 6 Oct 2015 5:31

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

Tgt Ion:	127	Resp:	56091
Ion	Ratio	Lower	Upper
127	100		
129	37.3	25.8	38.6
65	54.8	17.9	26.9#
92	28.9	10.5	15.7#

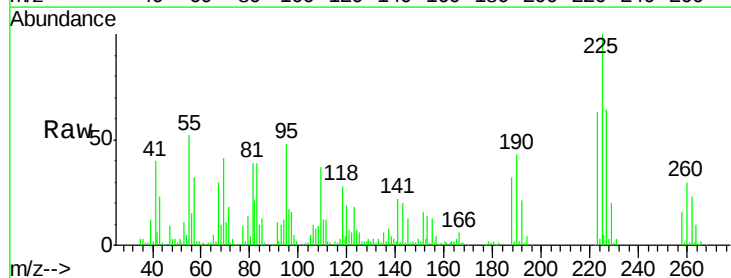


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

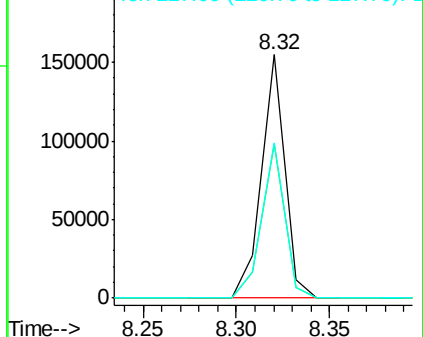
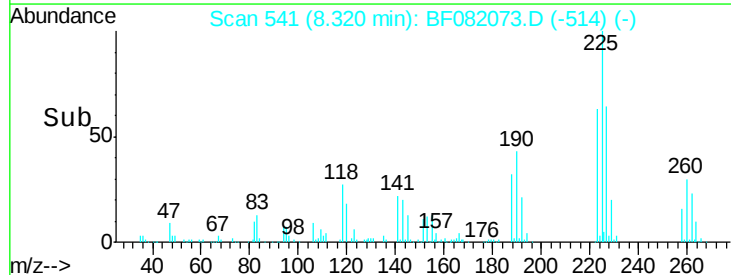


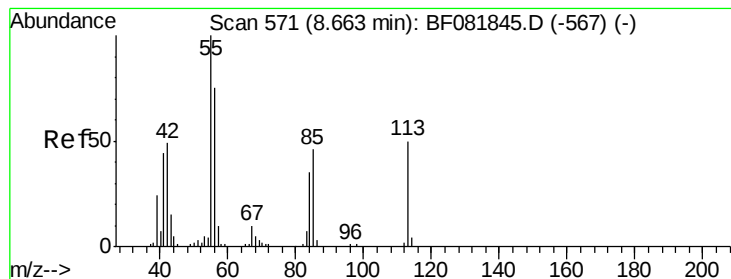
#34
Hexachlorobutadiene
Concen: 52.04 ng
RT: 8.32 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF082073.D
Acq: 6 Oct 2015 5:31

Tgt Ion:	225	Resp:	132771
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.2	75.2
227	63.8	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: 69.82 ng

RT: 8.61 min Scan# 566

Delta R.T. -0.02 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MS

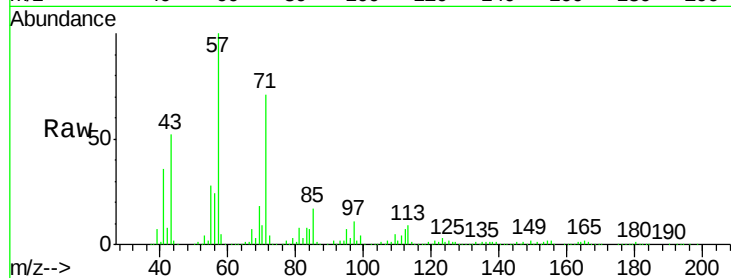
Tgt Ion:113 Resp: 74693

Ion Ratio Lower Upper

113 100

55 320.5 152.4 192.4#

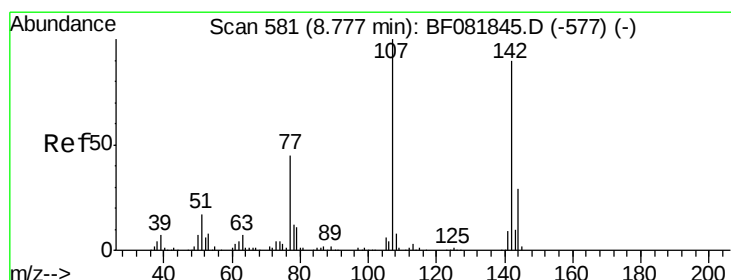
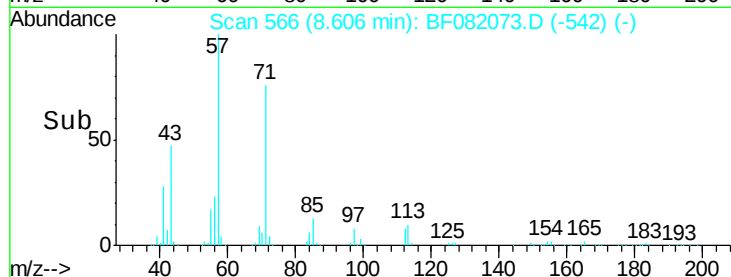
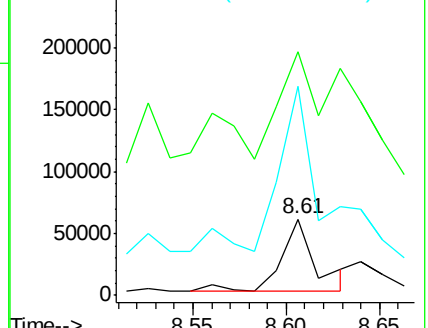
56 275.1 104.6 144.6#



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: 49.46 ng

RT: 8.74 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

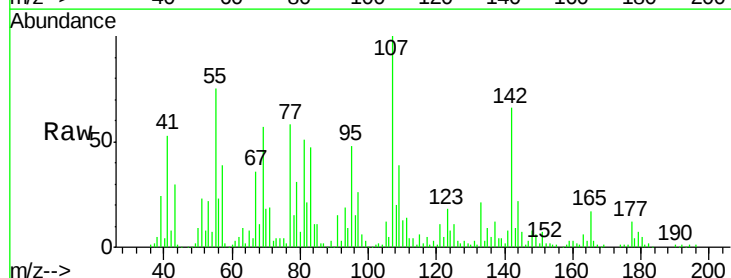
Tgt Ion:107 Resp: 186872

Ion Ratio Lower Upper

107 100

144 21.6 25.4 38.0#

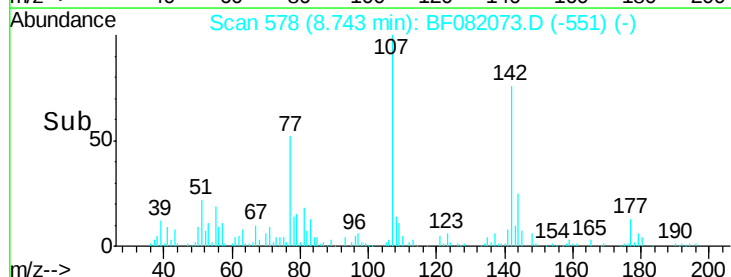
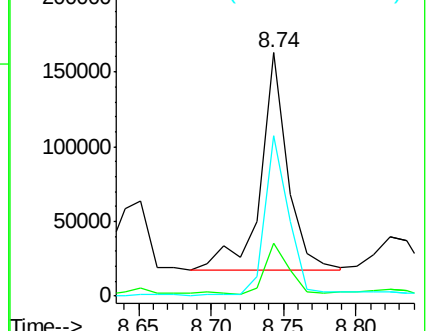
142 65.8 77.3 115.9#

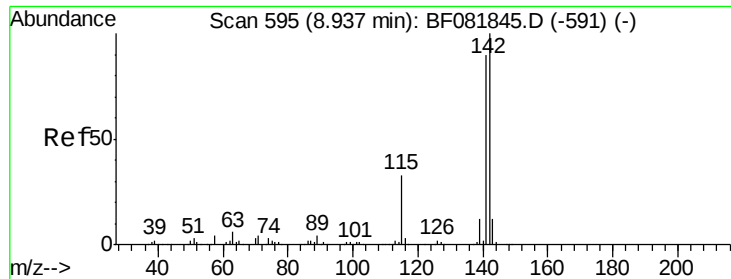


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

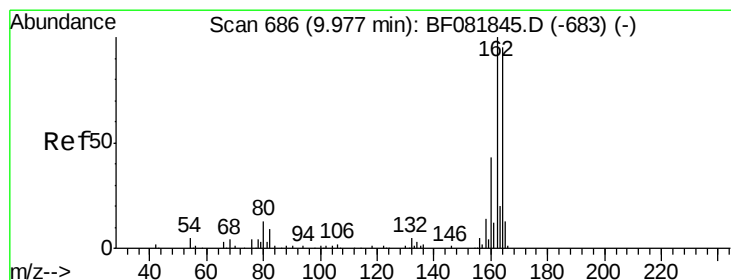
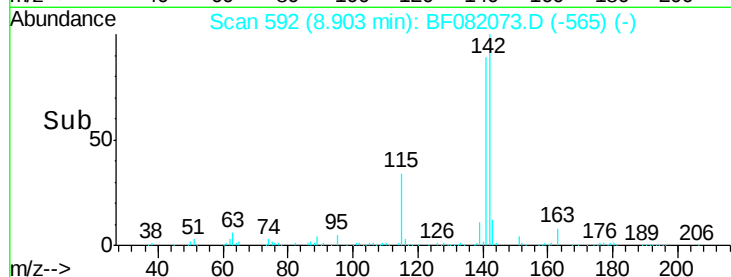
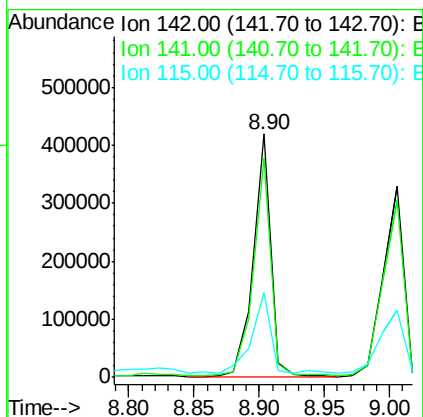
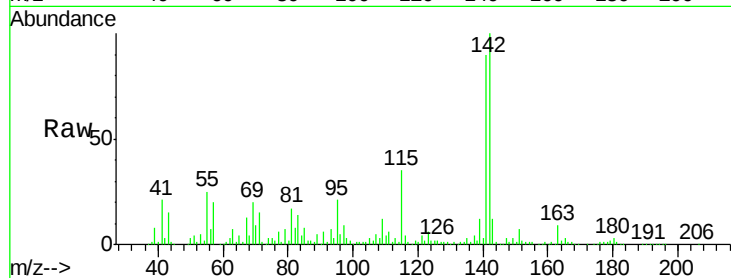




#37
2-Methylnaphthalene
Concen: 44.58 ng
RT: 8.90 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF082073.D
Acq: 6 Oct 2015 5:31

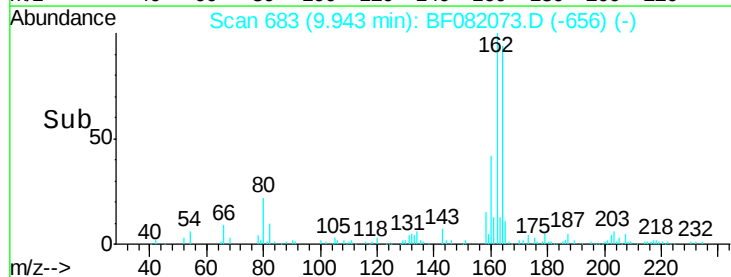
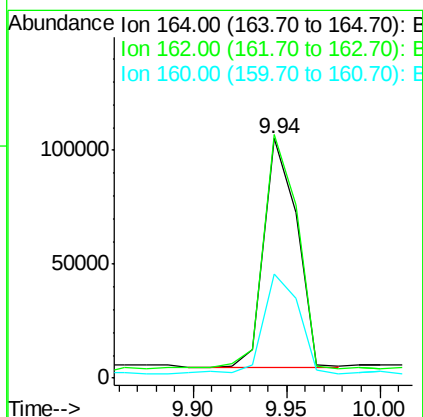
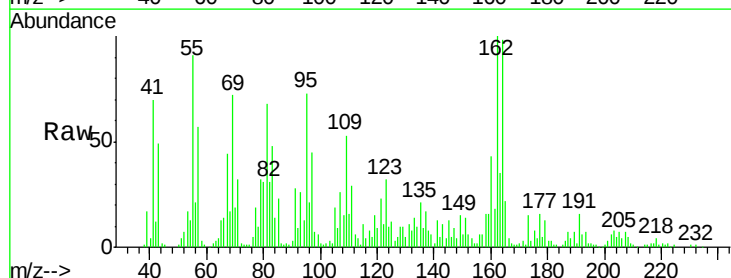
Instrument :
BNA_F
ClientSampleId :
SS-8(0-24)MS

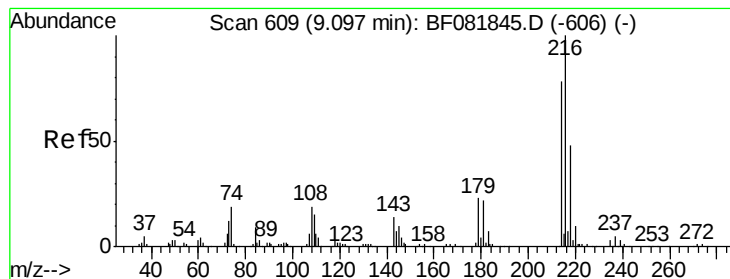
Tgt Ion:142 Resp: 390687
Ion Ratio Lower Upper
142 100
141 89.8 67.5 101.3
115 35.0 18.2 27.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 683
Delta R.T. 0.01 min
Lab File: BF082073.D
Acq: 6 Oct 2015 5:31

Tgt Ion:164 Resp: 123217
Ion Ratio Lower Upper
164 100
162 101.7 75.2 112.8
160 43.5 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.44 ng

RT: 9.07 min Scan# 607

Delta R.T. 0.02 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MS

Tgt Ion:216 Resp: 171881

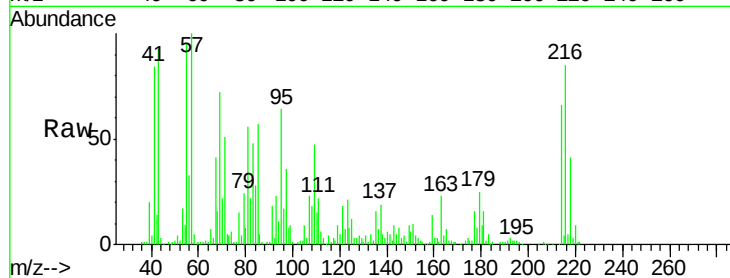
Ion Ratio Lower Upper

216 100

214 78.7 63.5 95.3

179 27.2 16.6 24.8#

108 16.1 16.3 24.5#

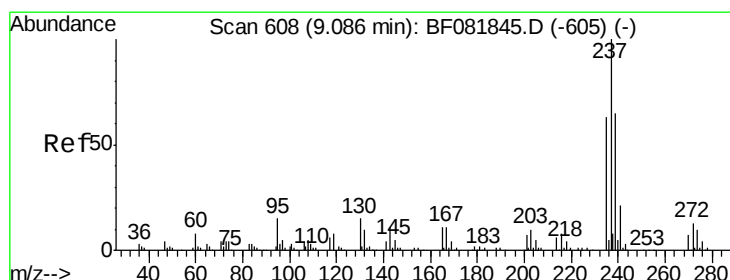
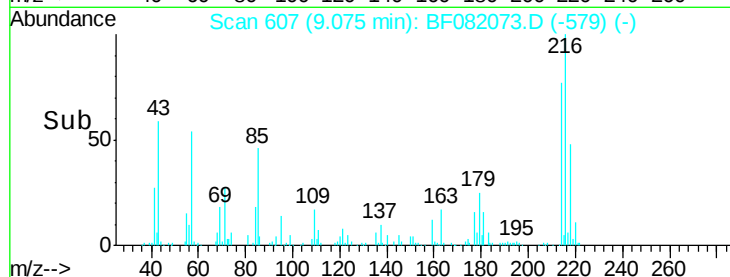
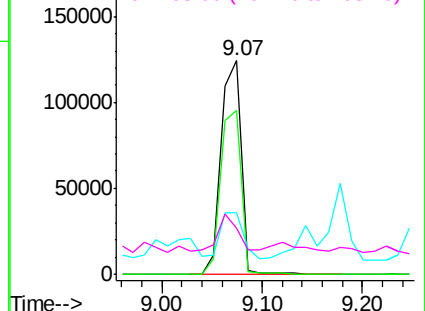


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 19.89 ng

RT: 9.05 min Scan# 605

Delta R.T. 0.01 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

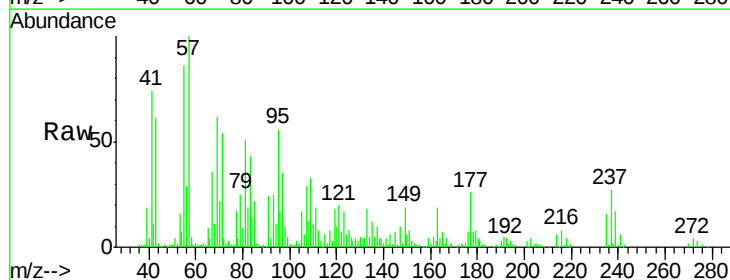
Tgt Ion:237 Resp: 38743

Ion Ratio Lower Upper

237 100

235 60.8 42.0 82.0

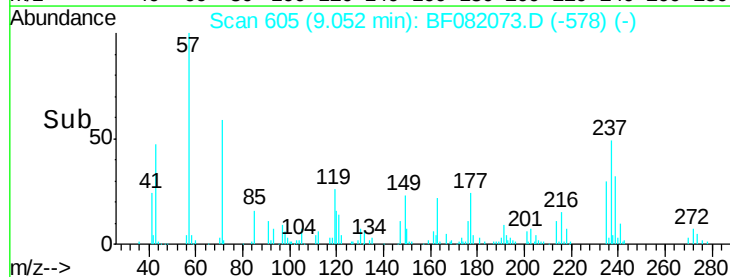
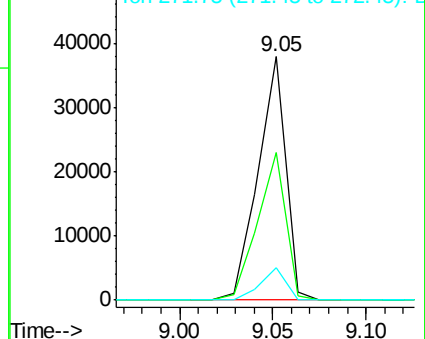
272 13.5 0.0 36.1

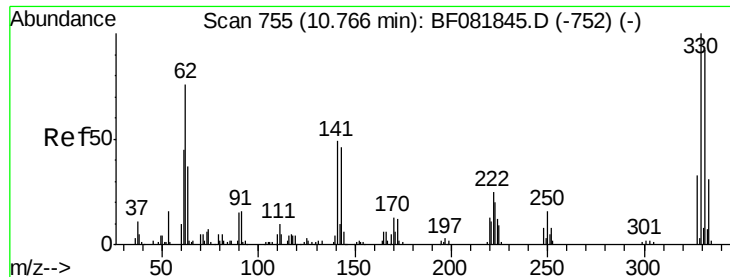


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

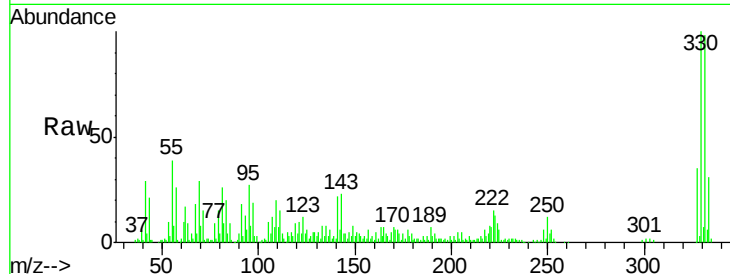




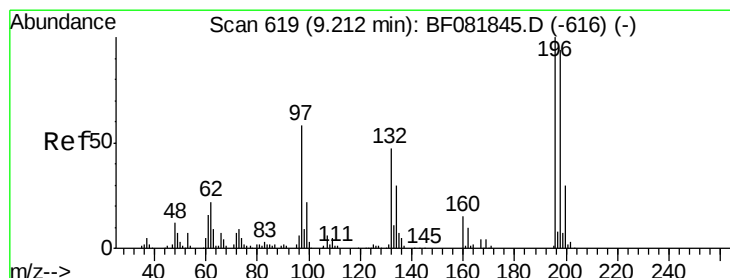
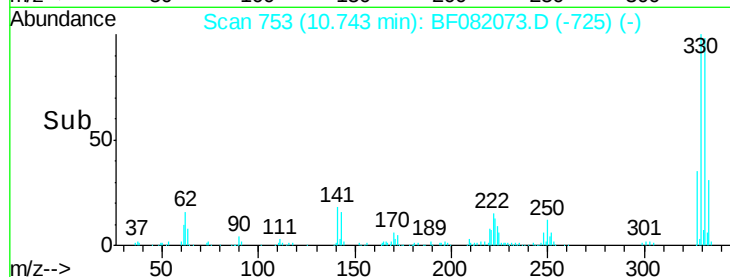
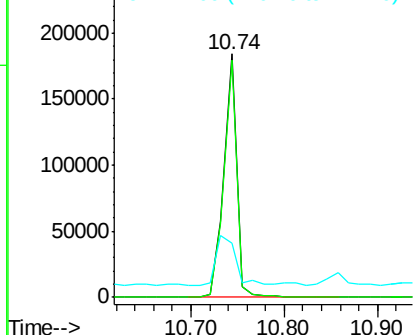
#41
 2,4,6-Tribromophenol
 Concen: 143.27 ng
 RT: 10.74 min Scan# 753
 Delta R.T. 0.02 min
 Lab File: BF082073.D
 Acq: 6 Oct 2015 5:31

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

Tgt Ion:330 Resp: 178791
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 114.8
 141 30.0 29.7 44.5

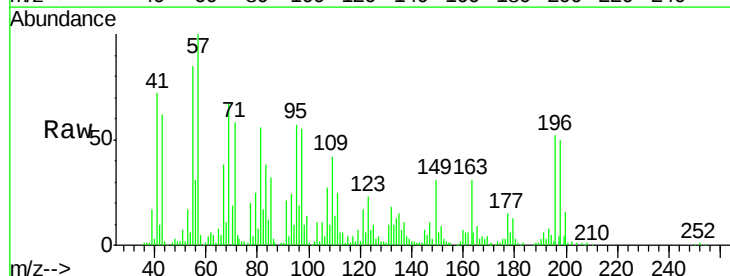


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

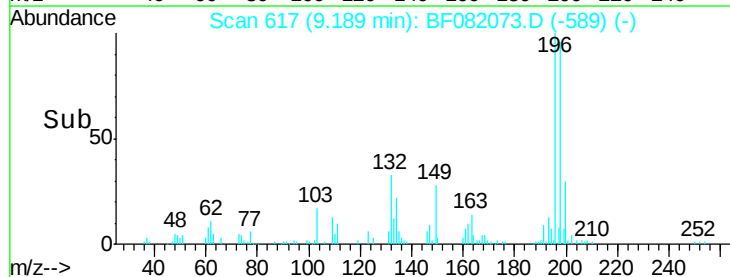
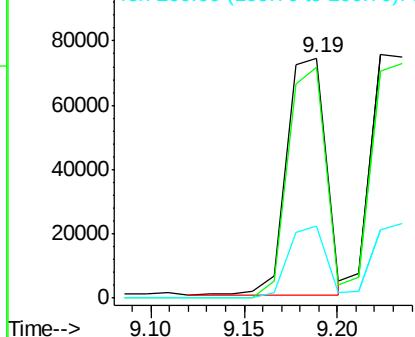


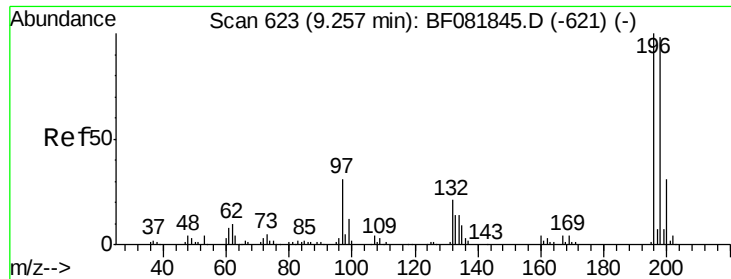
#42
 2,4,6-Trichlorophenol
 Concen: 41.82 ng
 RT: 9.19 min Scan# 617
 Delta R.T. 0.02 min
 Lab File: BF082073.D
 Acq: 6 Oct 2015 5:31

Tgt Ion:196 Resp: 108444
 Ion Ratio Lower Upper
 196 100
 198 95.8 75.7 113.5
 200 30.1 23.9 35.9



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

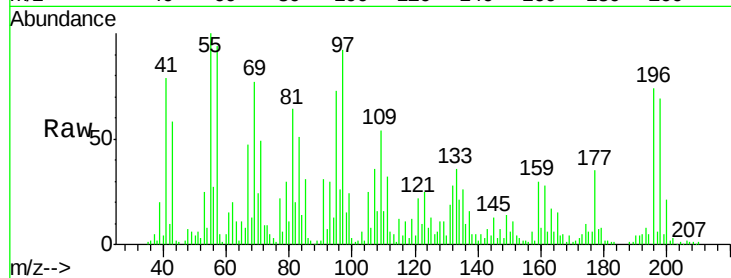




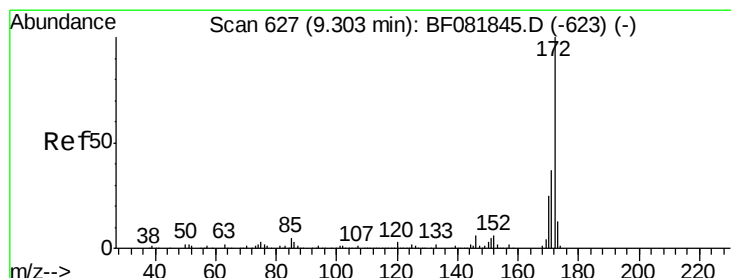
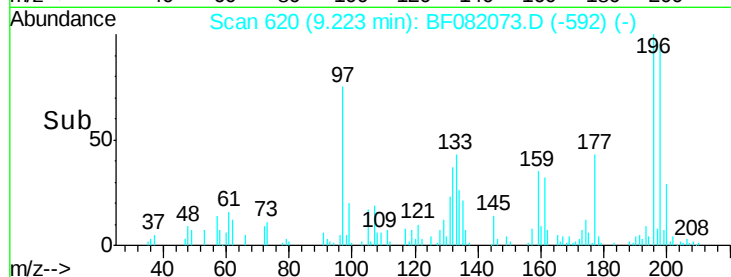
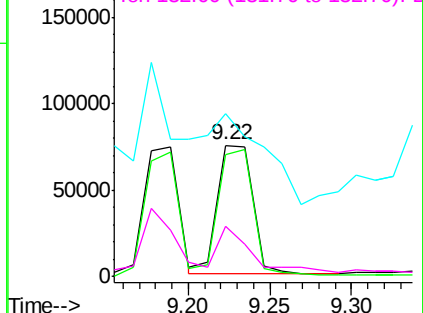
#43
 2,4,5-Trichlorophenol
 Concen: 41.62 ng
 RT: 9.22 min Scan# 620
 Delta R.T. 0.02 min
 Lab File: BF082073.D
 Acq: 6 Oct 2015 5:31

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

Tgt Ion:196 Resp: 110997
 Ion Ratio Lower Upper
 196 100
 198 93.4 75.4 113.0
 97 124.8 33.3 49.9#
 132 38.3 24.6 37.0#

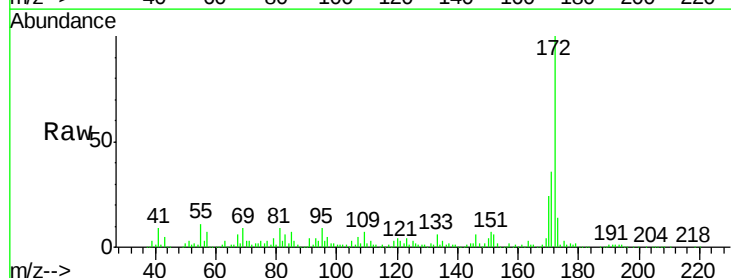


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

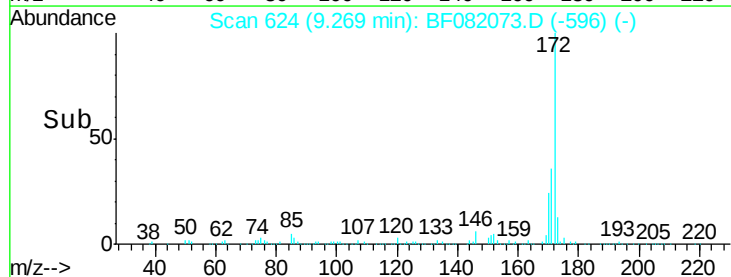
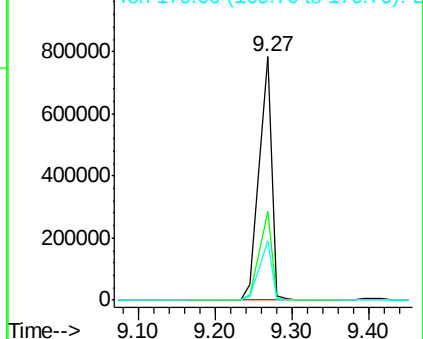


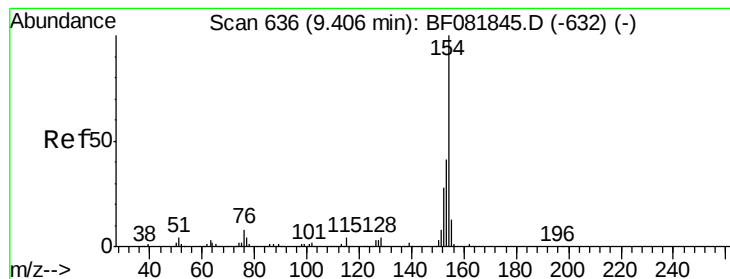
#44
 2-Fluorobiphenyl
 Concen: 136.17 ng
 RT: 9.27 min Scan# 624
 Delta R.T. 0.02 min
 Lab File: BF082073.D
 Acq: 6 Oct 2015 5:31

Tgt Ion:172 Resp: 888398
 Ion Ratio Lower Upper
 172 100
 171 36.3 26.1 39.1
 170 24.5 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: 48.09 ng

RT: 9.37 min Scan# 633

Delta R.T. 0.02 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MS

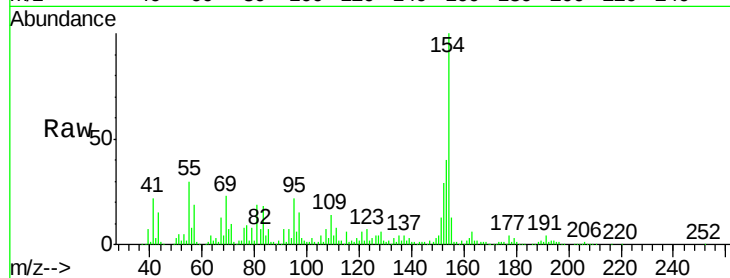
Tgt Ion:154 Resp: 457134

Ion Ratio Lower Upper

154 100

153 40.3 17.1 57.1

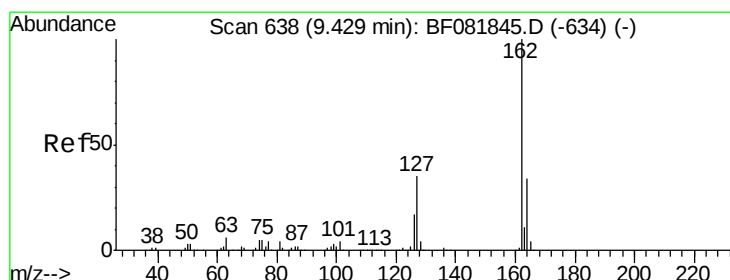
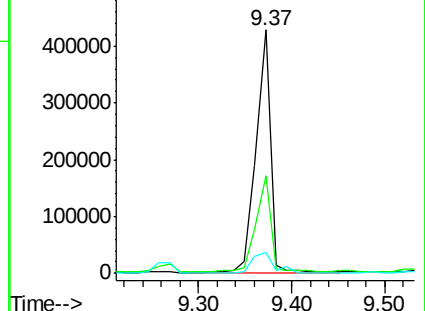
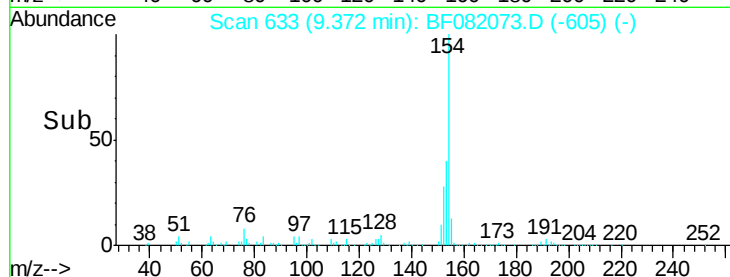
76 8.4 0.0 31.6



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: 44.51 ng

RT: 9.39 min Scan# 635

Delta R.T. 0.01 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

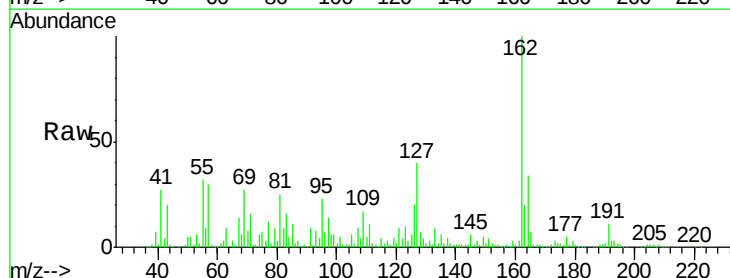
Tgt Ion:162 Resp: 332253

Ion Ratio Lower Upper

162 100

127 40.4 27.6 41.4

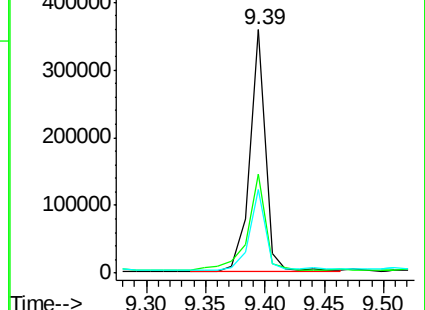
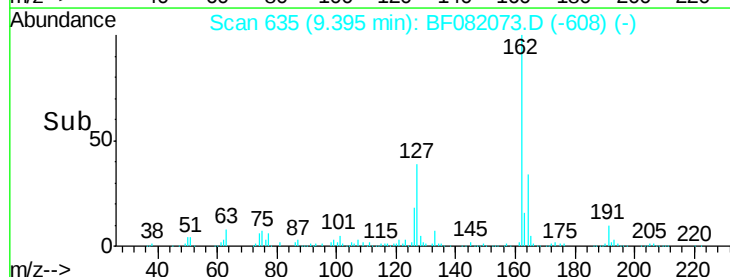
164 34.3 25.4 38.2

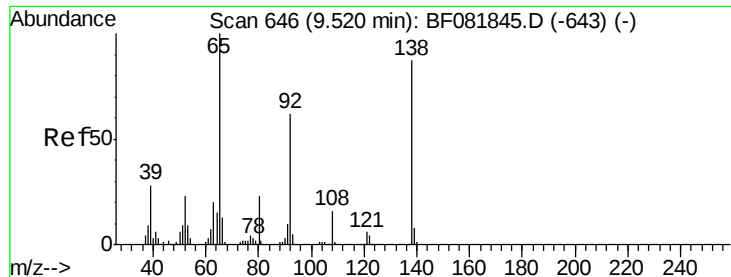


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

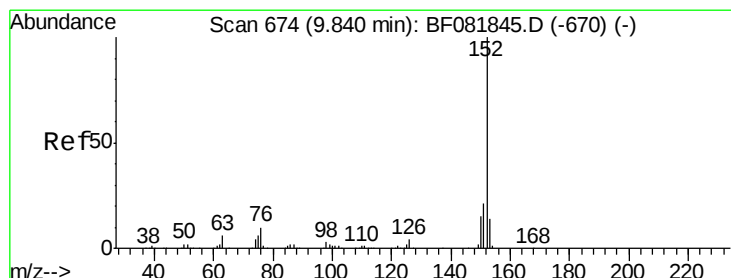
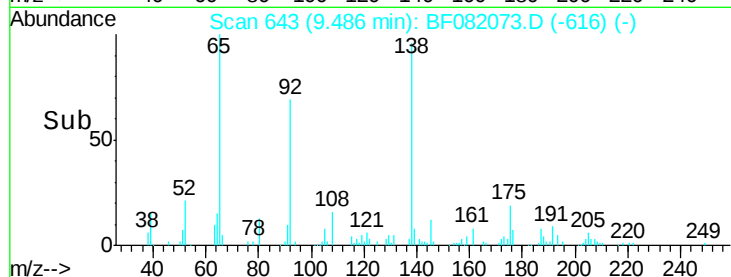
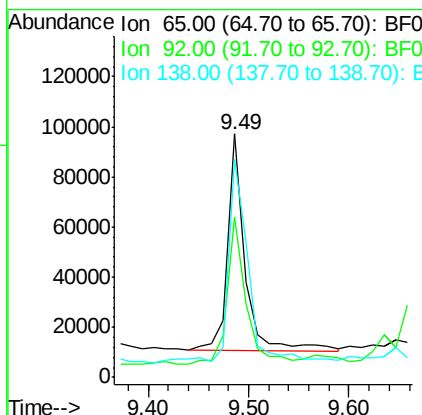
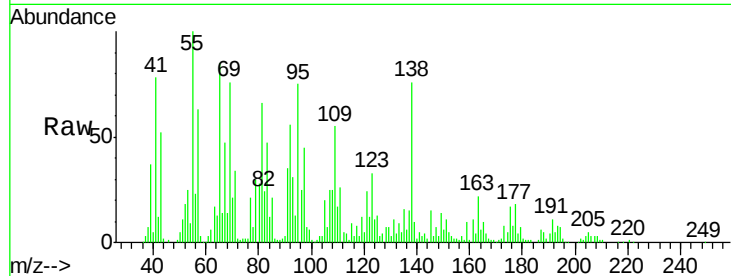




#47
2-Nitroaniline
Concen: 47.32 ng
RT: 9.49 min Scan# 643
Delta R.T. 0.01 min
Lab File: BF082073.D
Acq: 6 Oct 2015 5:31

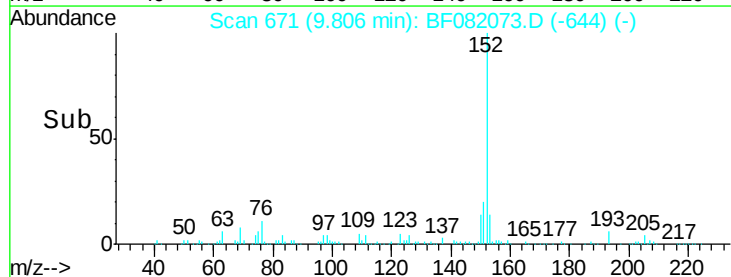
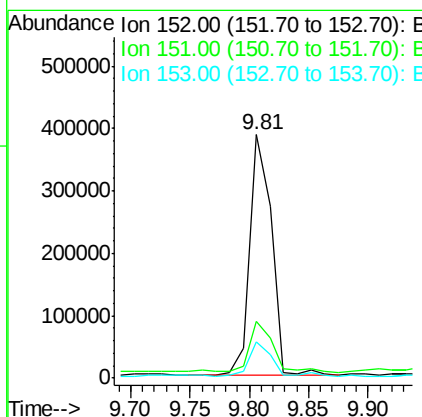
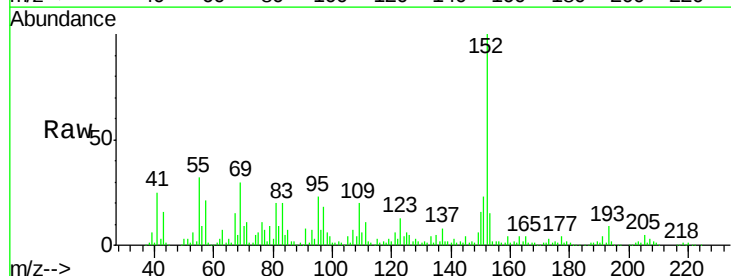
Instrument :
BNA_F
ClientSampleId :
SS-8(0-24)MS

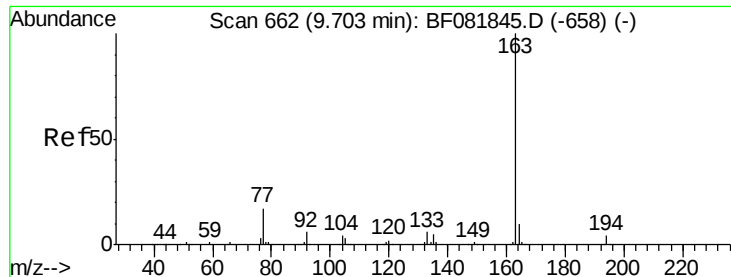
Tgt Ion: 65 Resp: 103691
Ion Ratio Lower Upper
65 100
92 65.8 55.4 83.0
138 89.4 115.5 173.3#



#48
Acenaphthylene
Concen: 41.52 ng
RT: 9.81 min Scan# 671
Delta R.T. 0.01 min
Lab File: BF082073.D
Acq: 6 Oct 2015 5:31

Tgt Ion: 152 Resp: 496047
Ion Ratio Lower Upper
152 100
151 23.4 14.6 22.0#
153 14.8 10.3 15.5

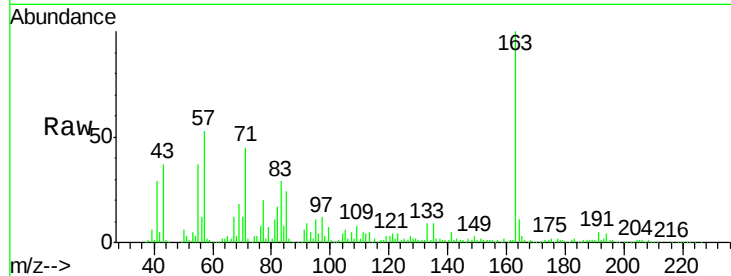




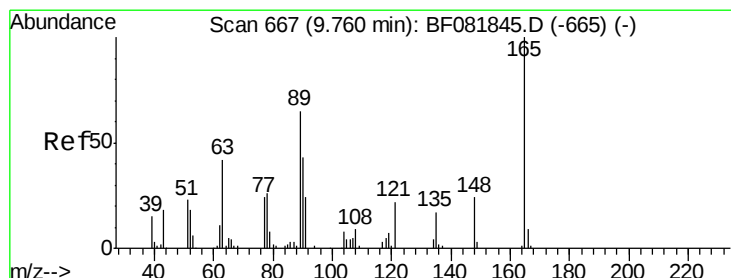
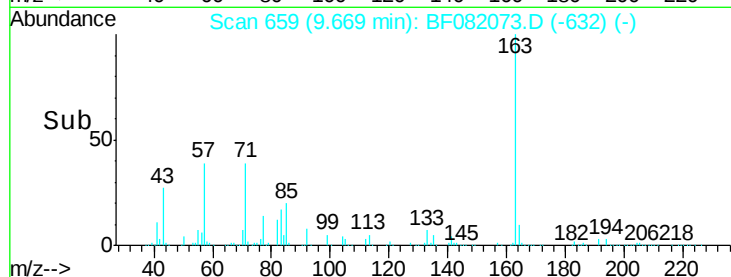
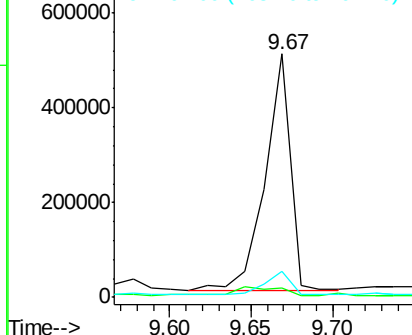
#49
Dimethylphthalate
Concen: 63.78 ng
RT: 9.67 min Scan# 659
Delta R.T. 0.01 min
Lab File: BF082073.D
Acq: 6 Oct 2015 5:31

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

Tgt Ion:163 Resp: 542467
Ion Ratio Lower Upper
163 100
194 4.0 4.4 6.6#
164 10.7 8.3 12.5

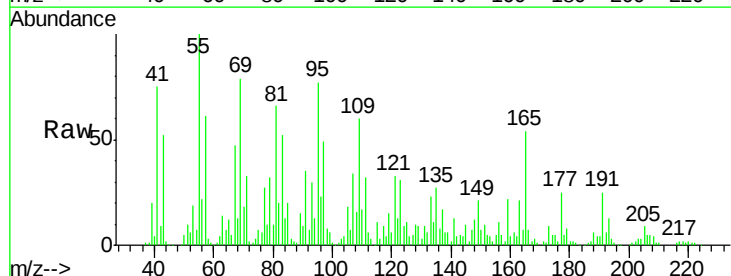


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

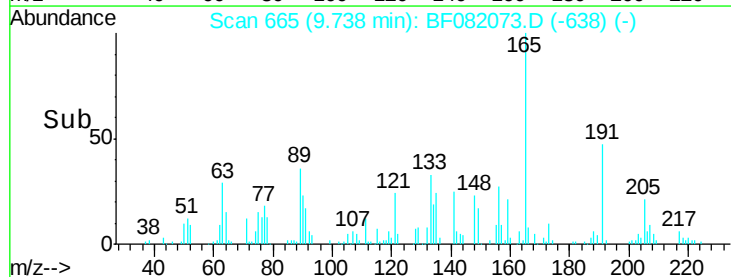
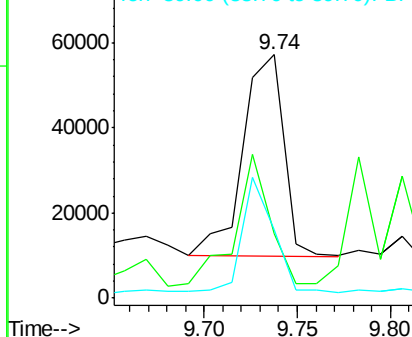


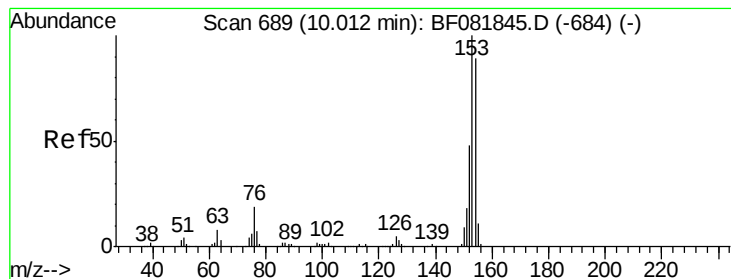
#50
2,6-Dinitrotoluene
Concen: 38.63 ng
RT: 9.74 min Scan# 665
Delta R.T. 0.01 min
Lab File: BF082073.D
Acq: 6 Oct 2015 5:31

Tgt Ion:165 Resp: 71337
Ion Ratio Lower Upper
165 100
63 26.4 32.3 48.5#
89 28.1 28.6 43.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.97 ng

RT: 9.98 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MS

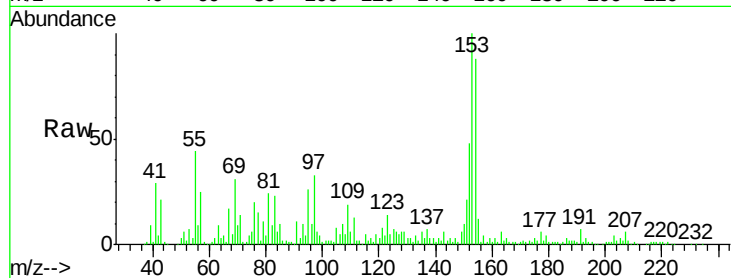
Tgt Ion:154 Resp: 283518

Ion Ratio Lower Upper

154 100

153 114.2 82.1 123.1

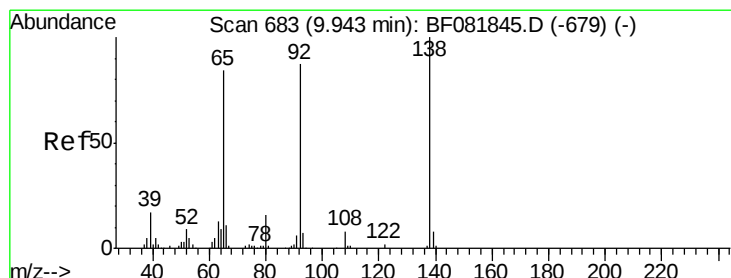
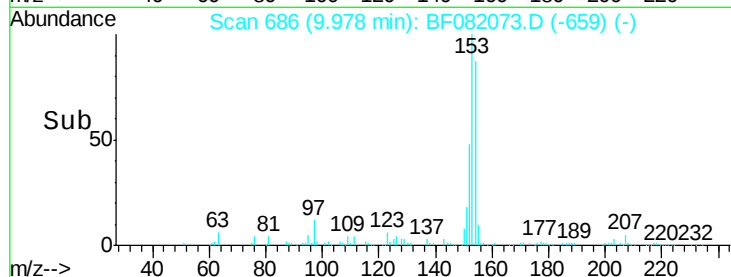
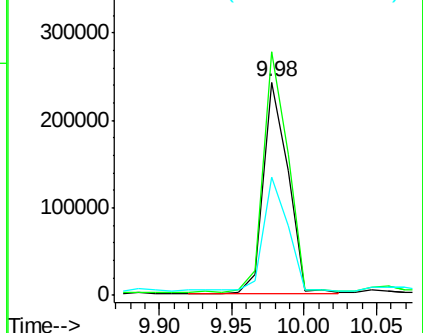
152 55.3 37.9 56.9



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: 34.97 ng

RT: 9.90 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

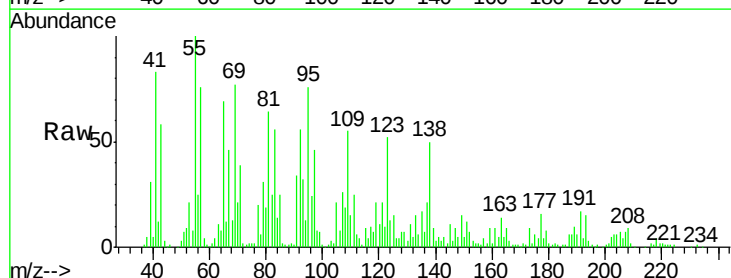
Tgt Ion:138 Resp: 74702

Ion Ratio Lower Upper

138 100

108 37.8 5.7 8.5#

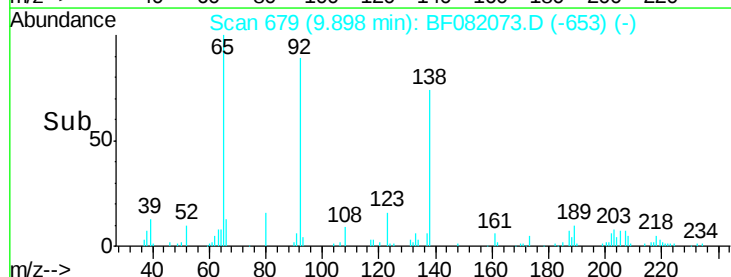
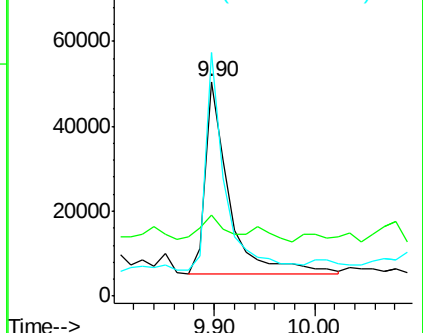
92 113.5 67.7 101.5#

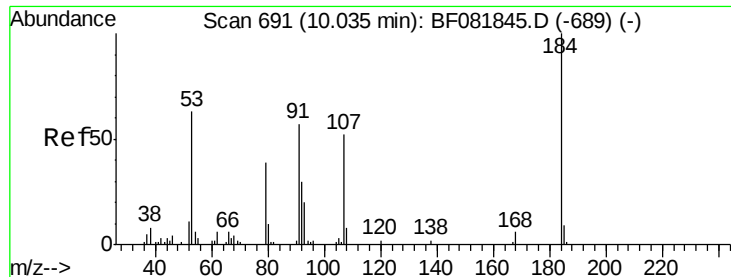


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

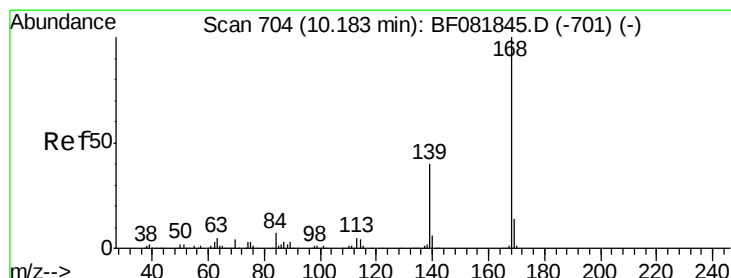
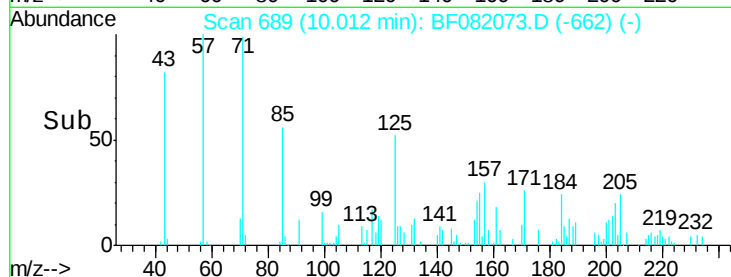
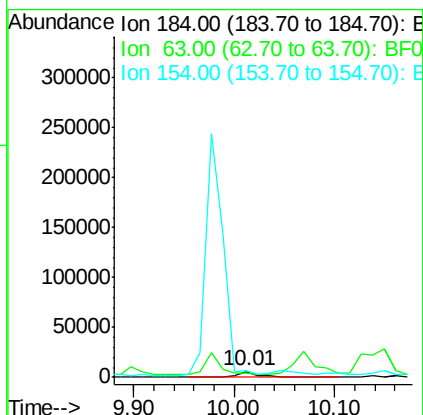
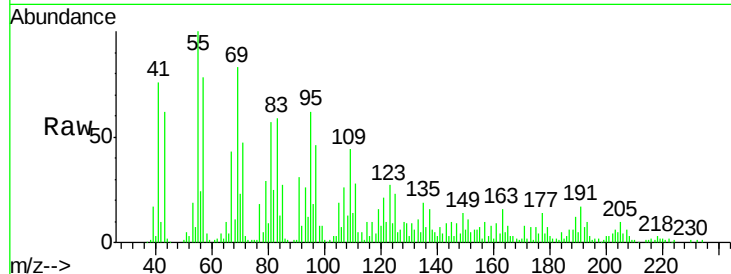




#53
2,4-Dinitrophenol
Concen: 21.55 ng
RT: 10.01 min Scan# 689
Delta R.T. 0.01 min
Lab File: BF082073.D
Acq: 6 Oct 2015 5:31

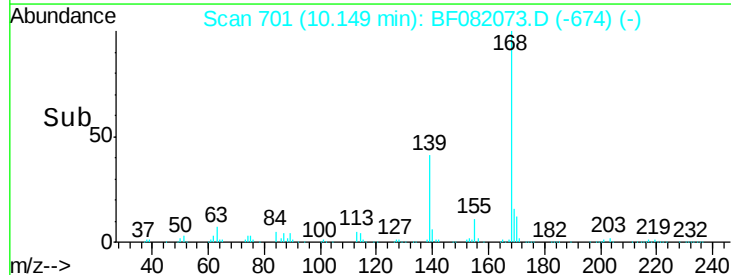
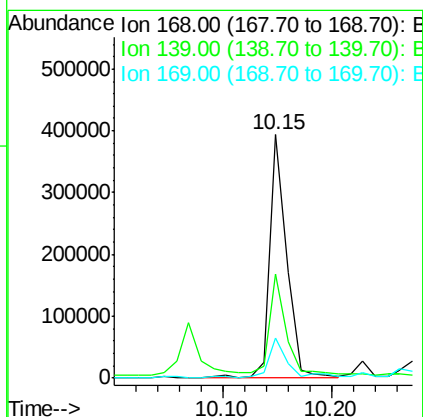
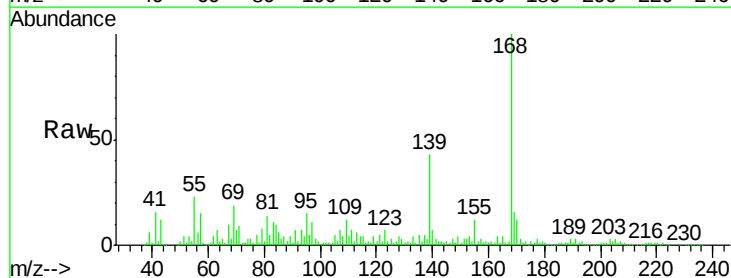
Instrument :
BNA_F
ClientSampleId :
SS-8(0-24)MS

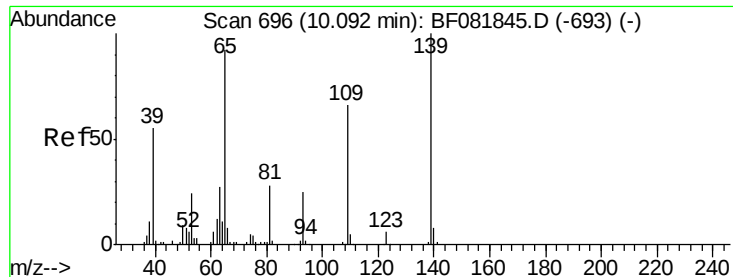
Tgt Ion:184 Resp: 9969
Ion Ratio Lower Upper
184 100
63 87.0 35.4 53.2#
154 118.5 32.2 48.4#



#54
Dibenzofuran
Concen: 42.47 ng
RT: 10.15 min Scan# 701
Delta R.T. 0.01 min
Lab File: BF082073.D
Acq: 6 Oct 2015 5:31

Tgt Ion:168 Resp: 425803
Ion Ratio Lower Upper
168 100
139 42.6 24.2 36.2#
169 16.3 10.6 15.8#





#55

4-Nitrophenol

Concen: 70.40 ng

RT: 10.07 min Scan# 694

Delta R.T. 0.02 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MS

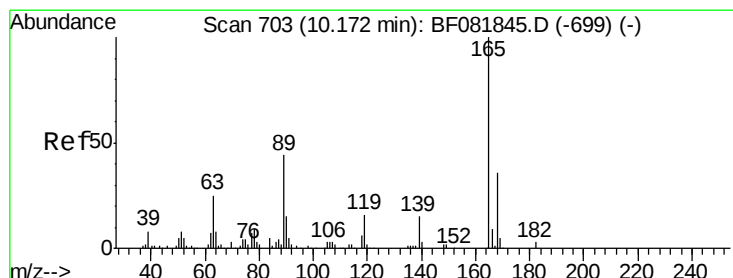
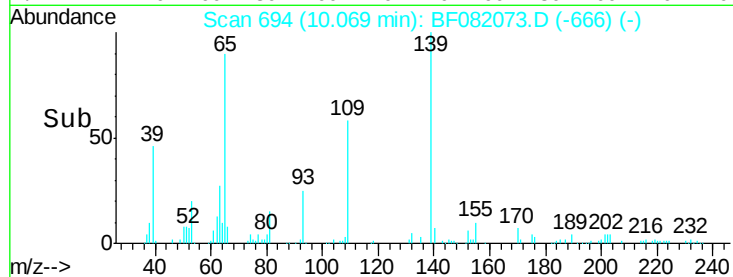
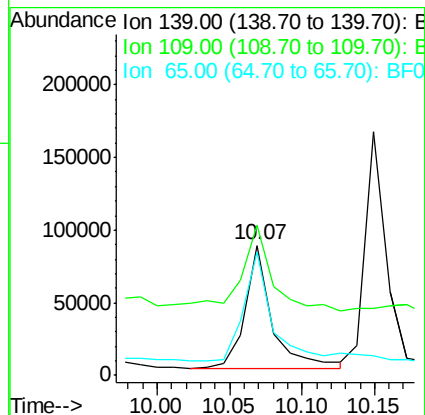
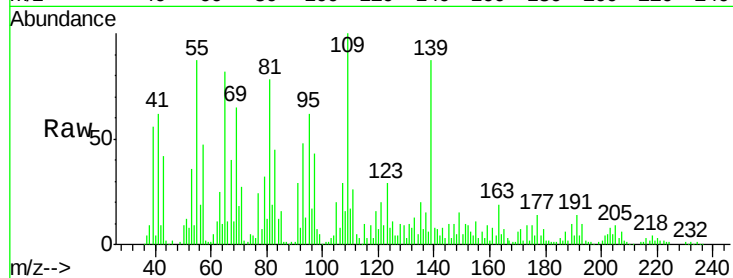
Tgt Ion:139 Resp: 108672

Ion Ratio Lower Upper

139 100

109 115.4 12.7 52.7#

65 94.4 45.9 85.9#



#56

2,4-Dinitrotoluene

Concen: 35.89 ng

RT: 10.14 min Scan# 700

Delta R.T. 0.01 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Tgt Ion:165 Resp: 84487

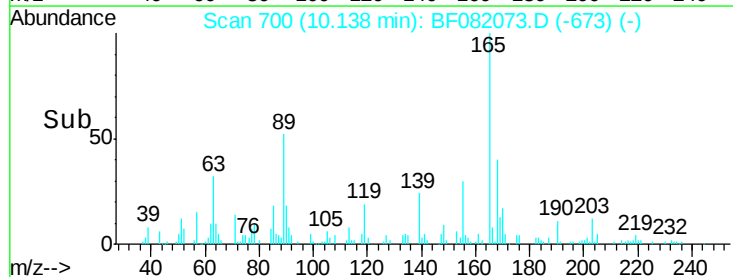
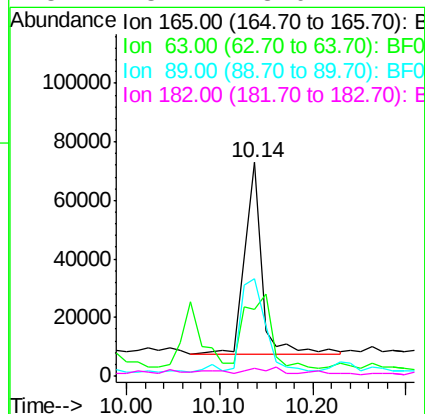
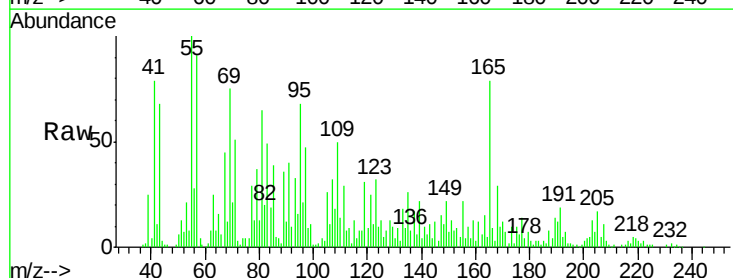
Ion Ratio Lower Upper

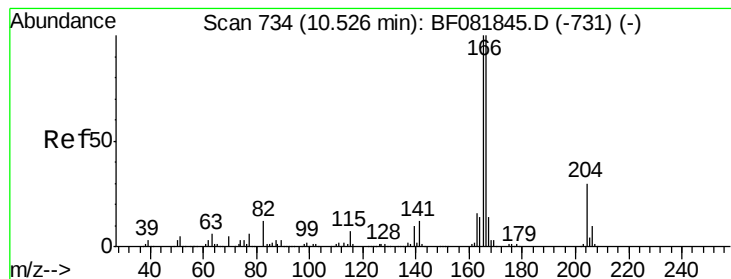
165 100

63 31.1 29.8 44.6

89 45.8 44.5 66.7

182 3.4 3.0 4.4





#57

Fluorene

Concen: 46.08 ng

RT: 10.49 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MS

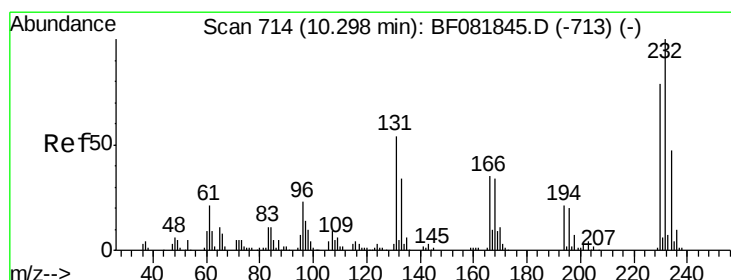
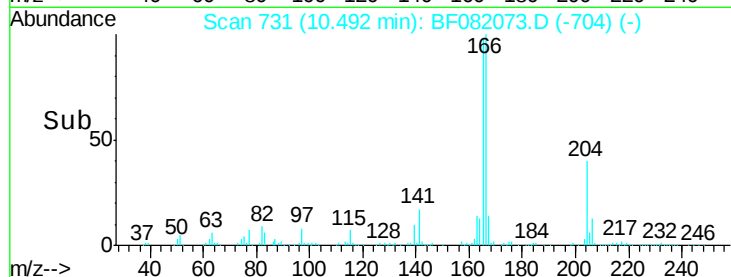
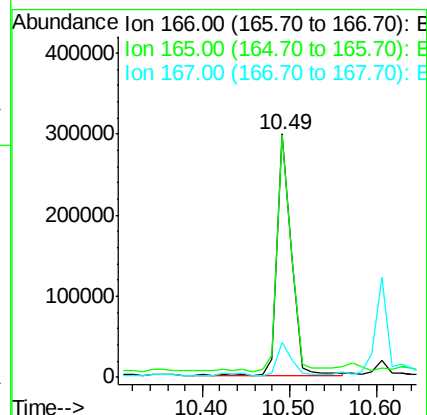
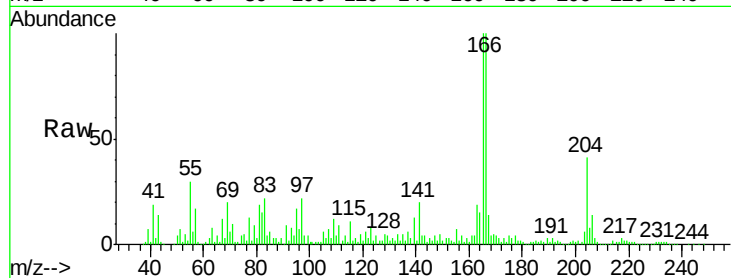
Tgt Ion:166 Resp: 330034

Ion Ratio Lower Upper

166 100

165 99.7 72.6 109.0

167 14.3 10.6 16.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.82 ng

RT: 10.27 min Scan# 712

Delta R.T. 0.02 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Tgt Ion:232 Resp: 90587

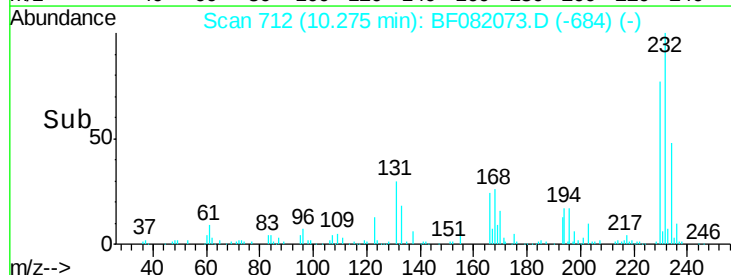
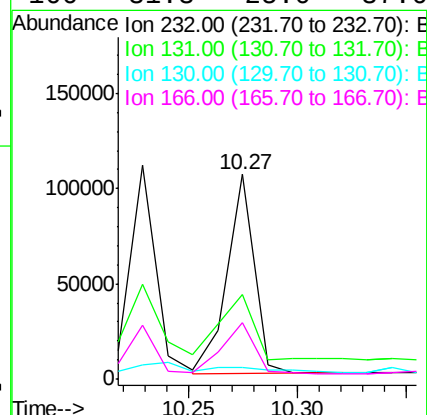
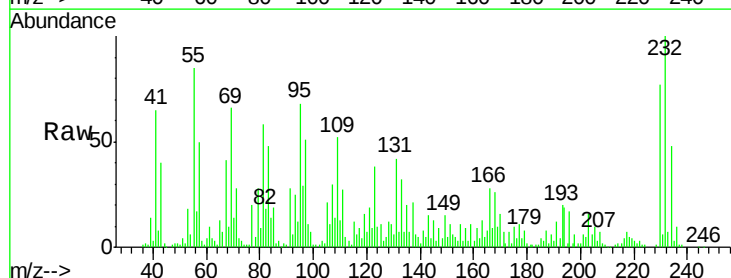
Ion Ratio Lower Upper

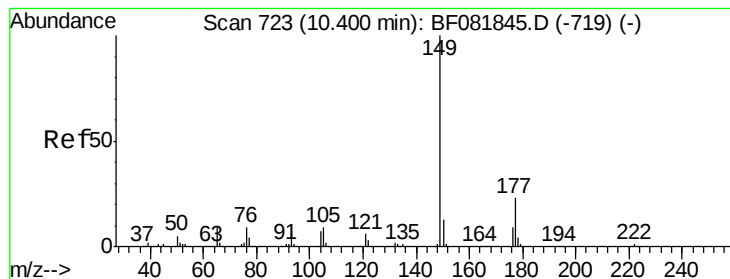
232 100

131 39.8 38.5 57.7

130 0.0 1.8 2.6#

166 31.3 25.0 37.6





#59

Diethylphthalate

Concen: 49.11 ng

RT: 10.37 min Scan# 720

Delta R.T. 0.01 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MS

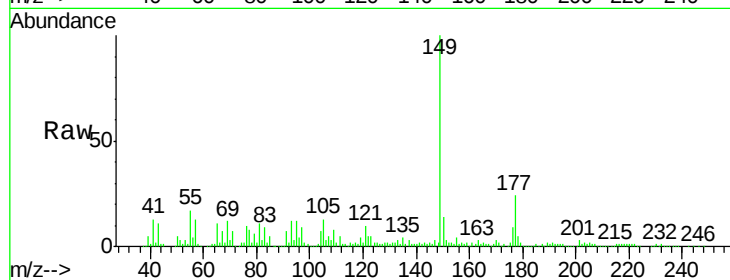
Tgt Ion:149 Resp: 390137

Ion Ratio Lower Upper

149 100

177 24.4 17.5 26.3

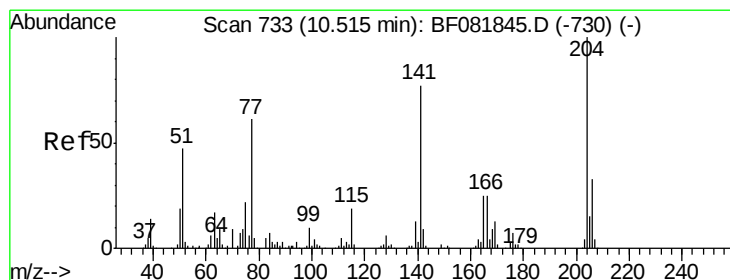
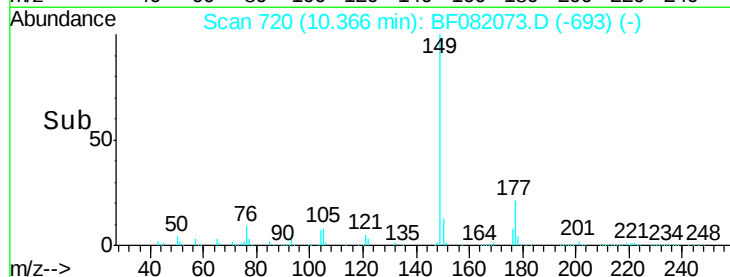
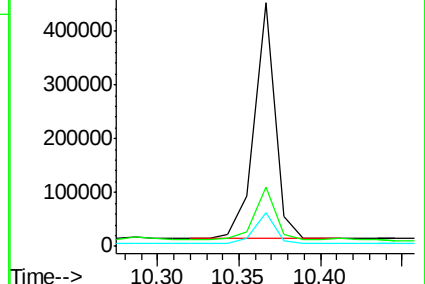
150 13.7 9.4 14.2



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: 46.39 ng

RT: 10.49 min Scan# 731

Delta R.T. 0.02 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

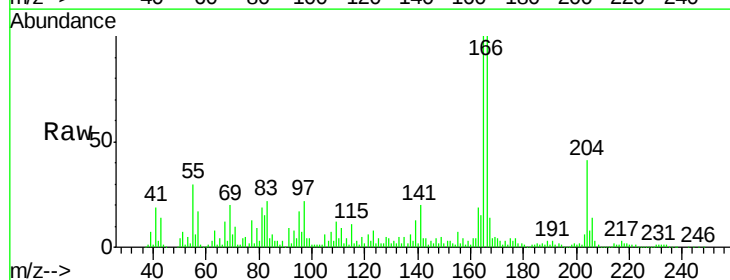
Tgt Ion:204 Resp: 170278

Ion Ratio Lower Upper

204 100

206 34.9 24.8 37.2

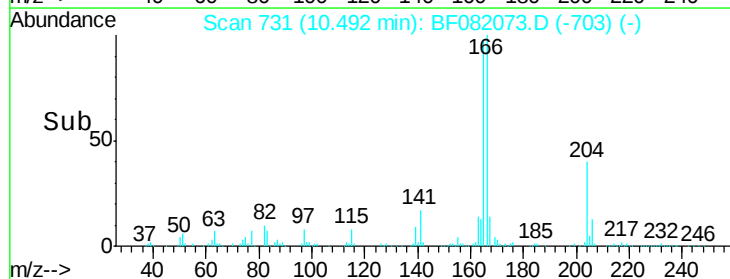
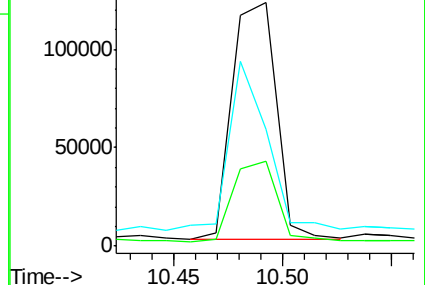
141 47.9 42.2 63.4

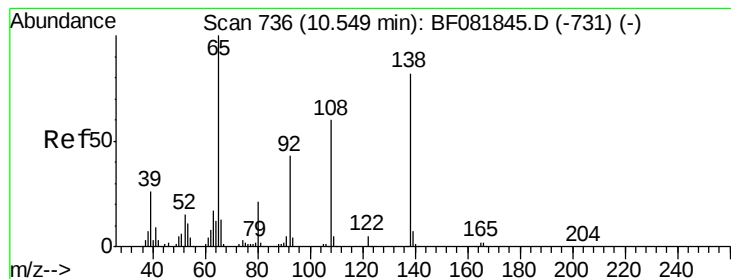


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.54 ng

RT: 10.51 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MS

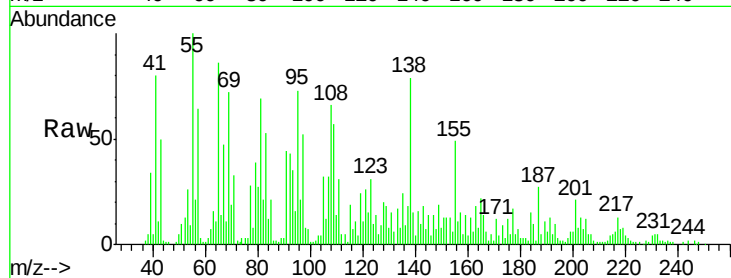
Tgt Ion:138 Resp: 82547

Ion Ratio Lower Upper

138 100

92 53.7 12.6 52.6#

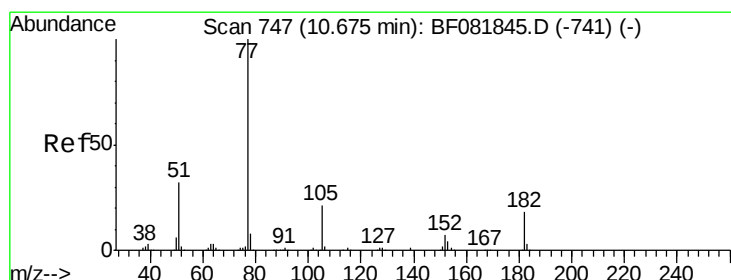
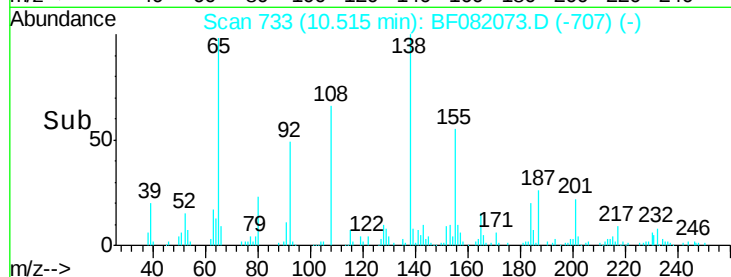
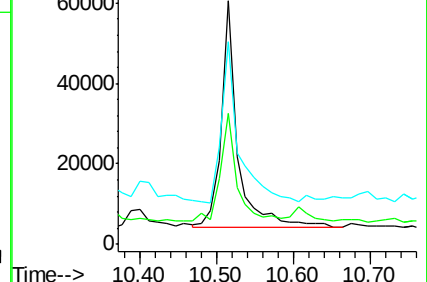
108 83.0 12.4 52.4#



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: 42.78 ng

RT: 10.64 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Tgt Ion: 77 Resp: 331665

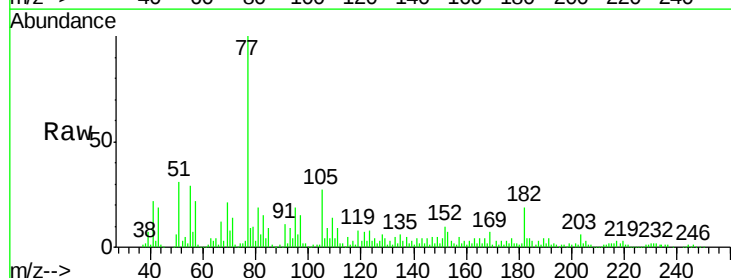
Ion Ratio Lower Upper

77 100

182 18.7 15.1 55.1

105 26.7 3.4 43.4

51 31.0 12.0 52.0

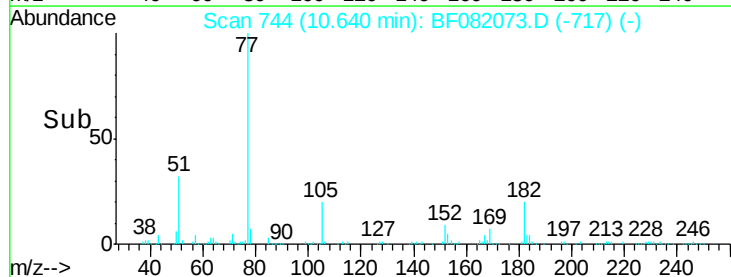
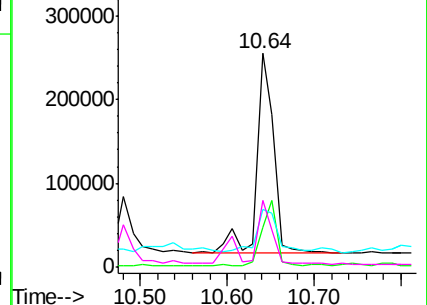


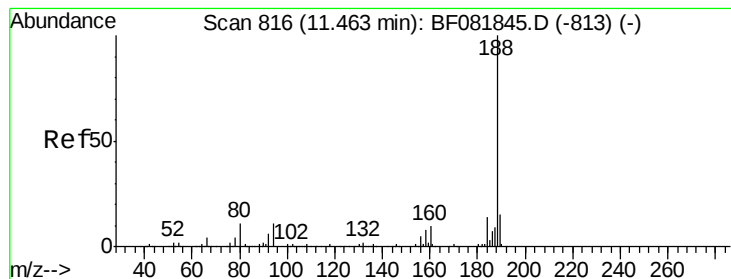
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.43 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MS

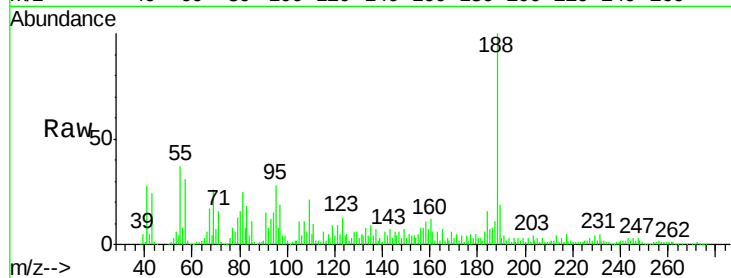
Tgt Ion:188 Resp: 203664

Ion Ratio Lower Upper

188 100

94 15.1 11.1 16.7

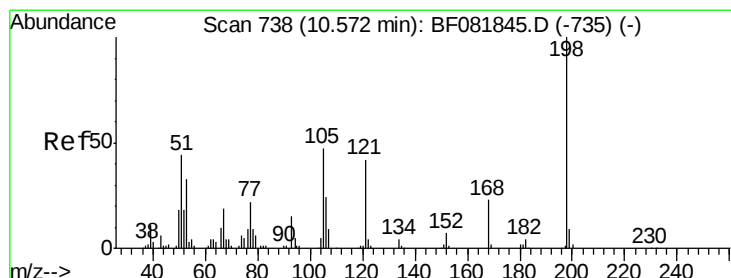
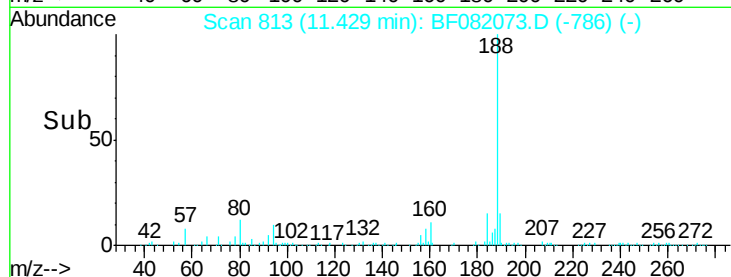
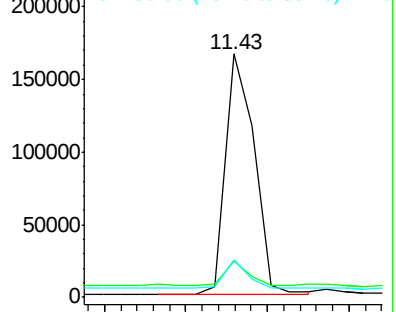
80 15.5 11.0 16.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 16.98 ng

RT: 10.54 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

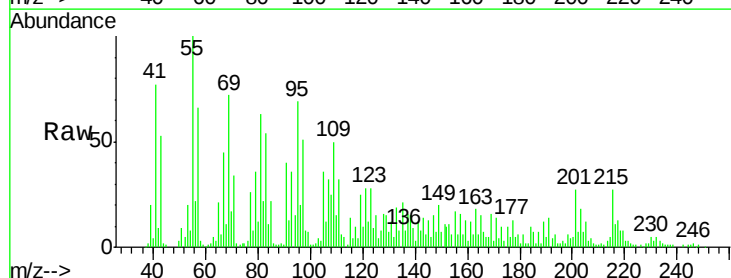
Tgt Ion:198 Resp: 12924

Ion Ratio Lower Upper

198 100

51 153.0 39.6 79.6#

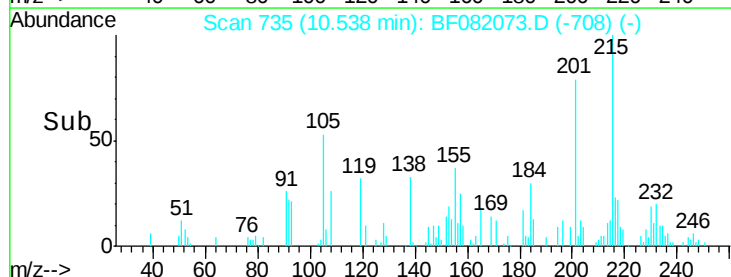
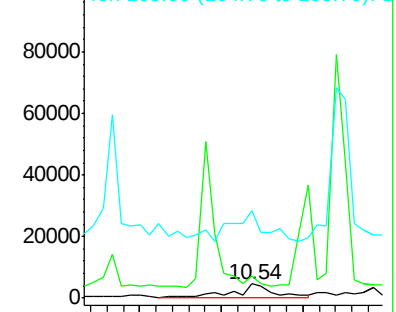
105 614.6 28.5 68.5#

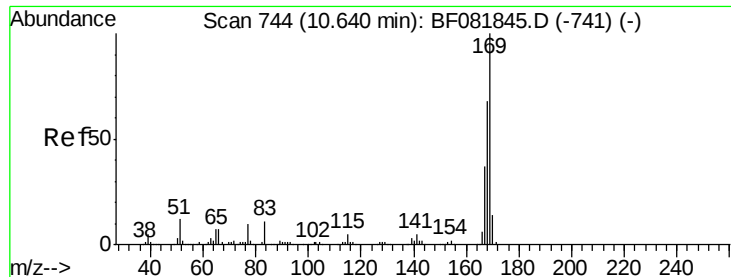


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 58.78 ng

RT: 10.61 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MS

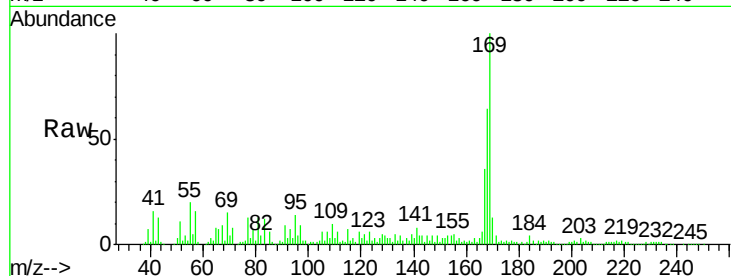
Tgt Ion:169 Resp: 362232

Ion Ratio Lower Upper

169 100

168 64.4 48.9 73.3

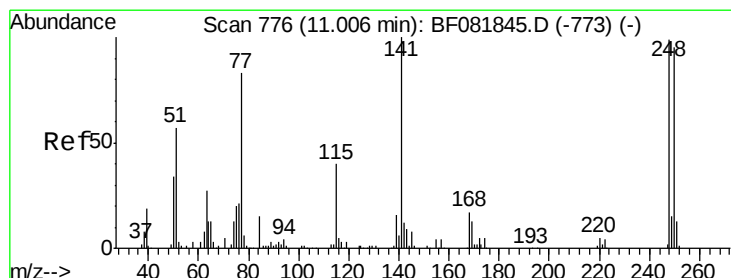
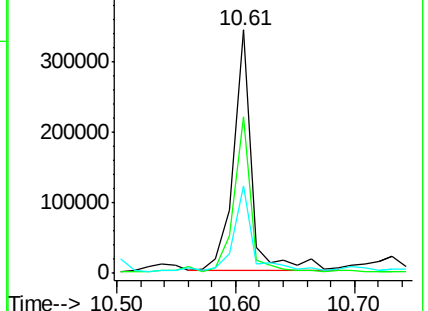
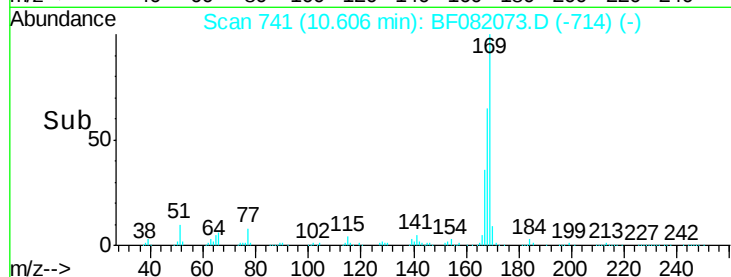
167 35.9 26.2 39.4



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: 48.91 ng

RT: 10.97 min Scan# 773

Delta R.T. 0.01 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

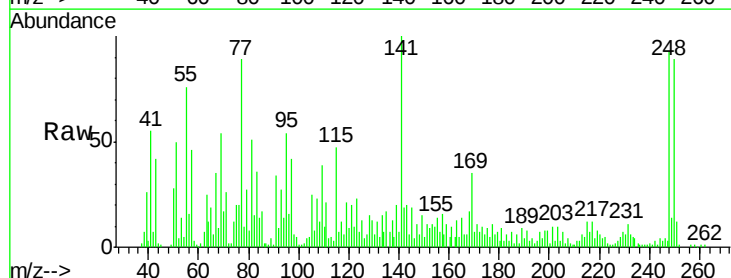
Tgt Ion:248 Resp: 100431

Ion Ratio Lower Upper

248 100

250 95.7 78.5 117.7

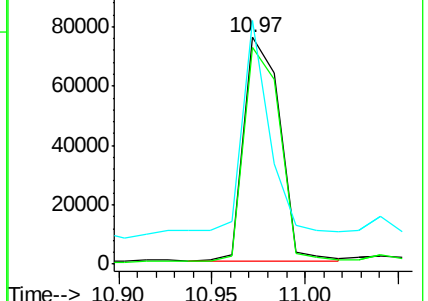
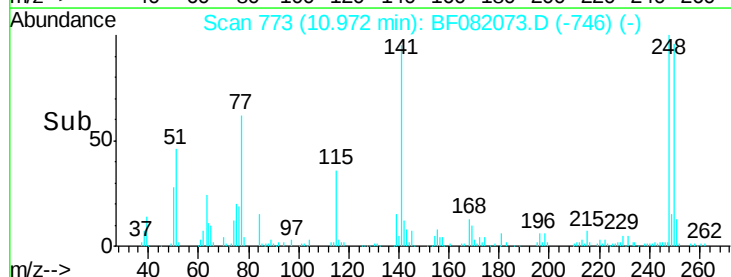
141 107.4 59.0 88.6#

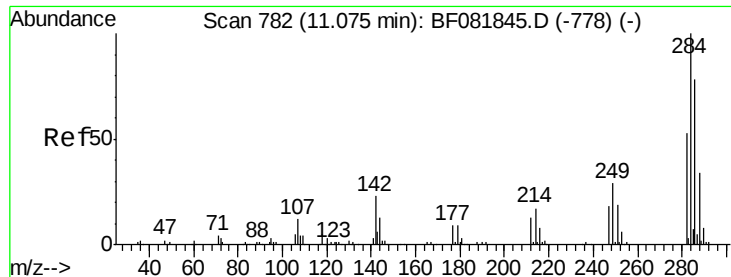


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.97 ng

RT: 11.04 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MS

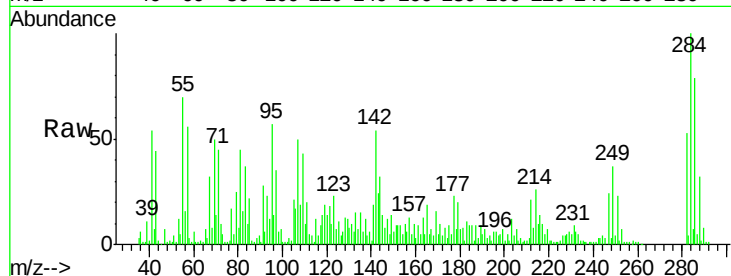
Tgt Ion:284 Resp: 99582

Ion Ratio Lower Upper

284 100

142 54.0 29.5 44.3#

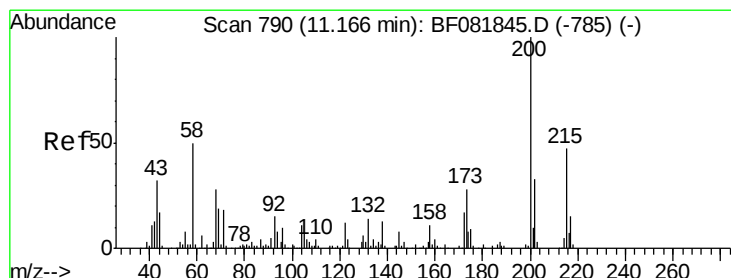
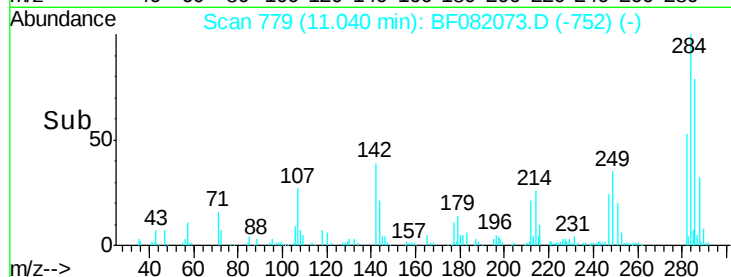
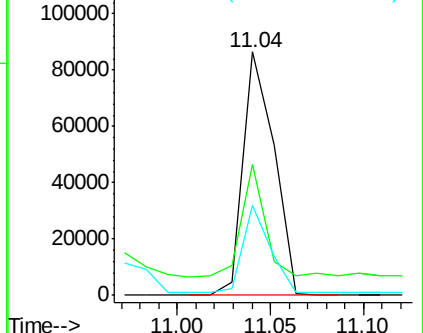
249 36.7 19.5 29.3#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 53.82 ng

RT: 11.14 min Scan# 788

Delta R.T. 0.02 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

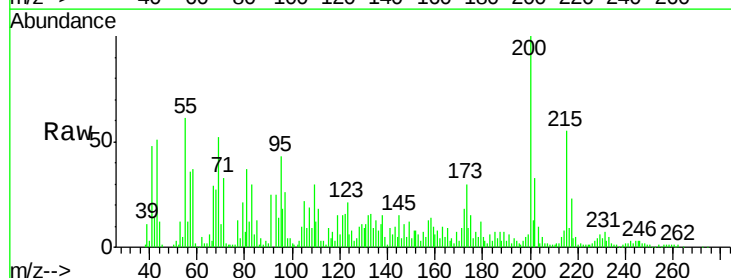
Tgt Ion:200 Resp: 102906

Ion Ratio Lower Upper

200 100

173 30.5 13.2 53.2

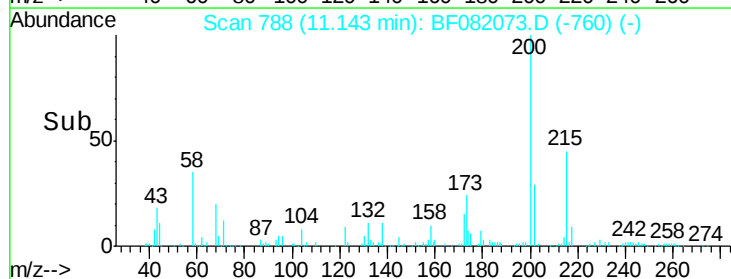
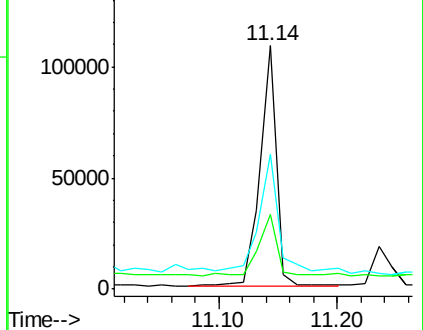
215 55.3 41.8 81.8

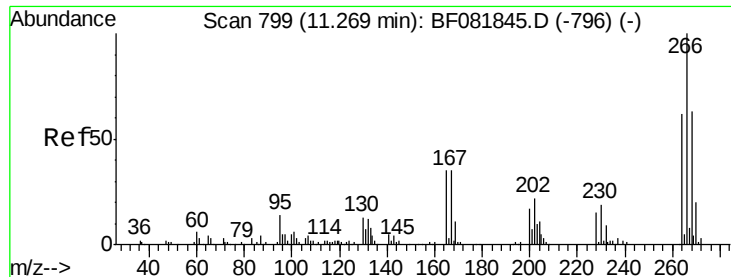


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

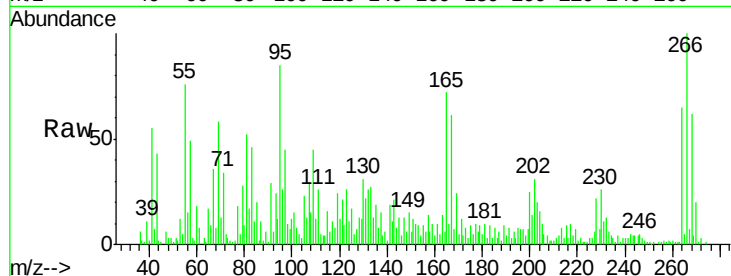




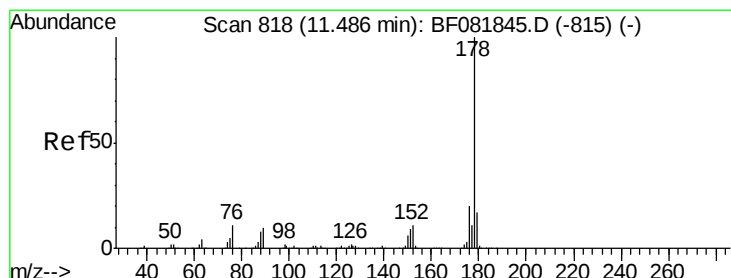
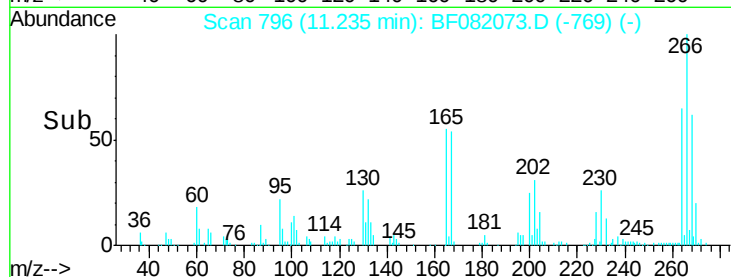
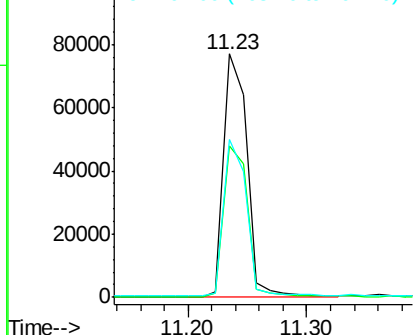
#69
 Pentachlorophenol
 Concen: 79.75 ng
 RT: 11.23 min Scan# 796
 Delta R.T. 0.01 min
 Lab File: BF082073.D
 Acq: 6 Oct 2015 5:31

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

Tgt Ion:266 Resp: 105312
 Ion Ratio Lower Upper
 266 100
 268 62.5 49.8 74.6
 264 64.7 50.2 75.2

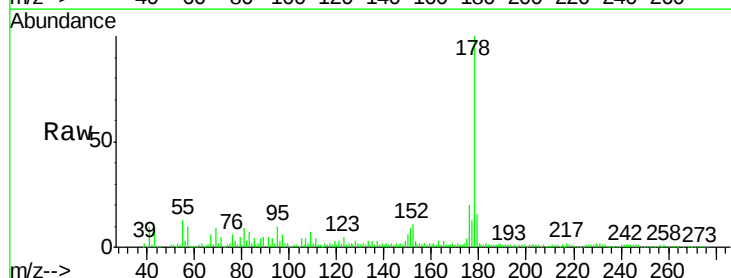


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

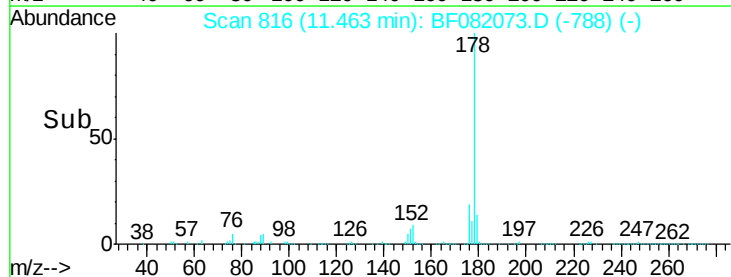
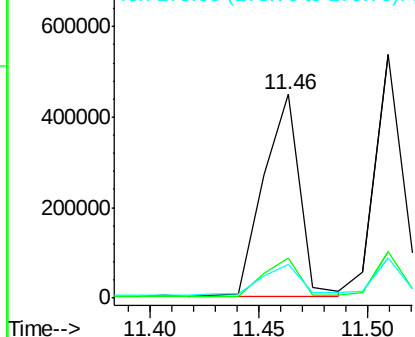


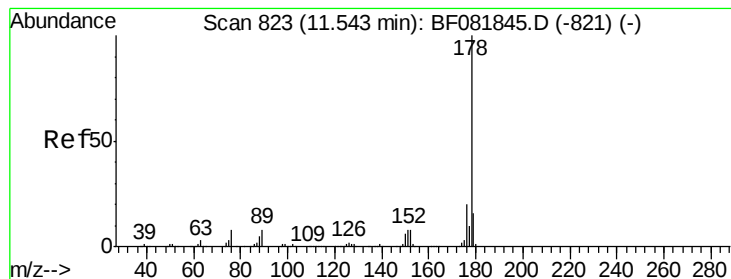
#70
 Phenanthrene
 Concen: 52.61 ng
 RT: 11.46 min Scan# 816
 Delta R.T. 0.02 min
 Lab File: BF082073.D
 Acq: 6 Oct 2015 5:31

Tgt Ion:178 Resp: 512894
 Ion Ratio Lower Upper
 178 100
 176 19.8 13.8 20.8
 179 16.4 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: 48.98 ng

RT: 11.51 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MS

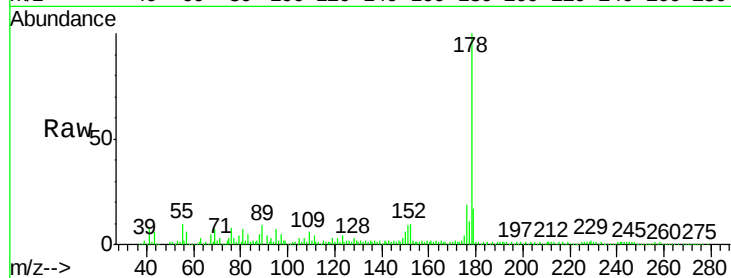
Tgt Ion:178 Resp: 506991

Ion Ratio Lower Upper

178 100

176 19.3 14.1 21.1

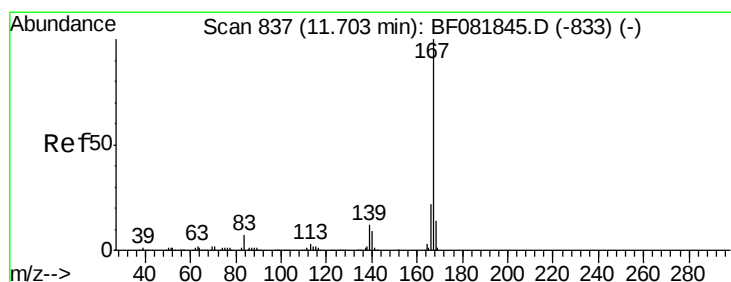
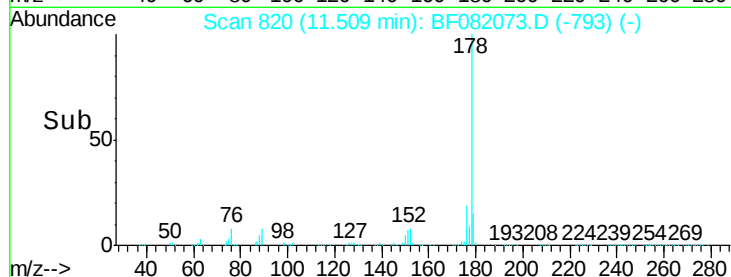
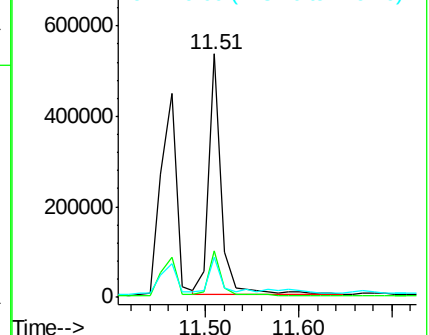
179 16.5 12.2 18.2



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: 46.21 ng

RT: 11.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

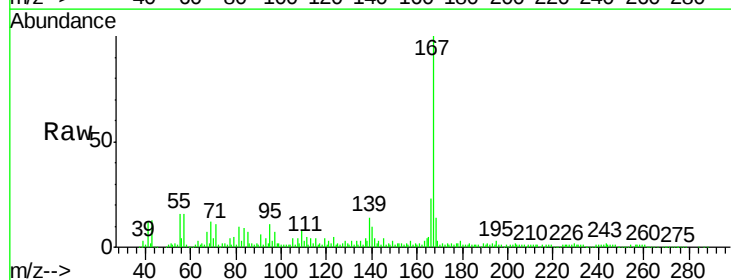
Tgt Ion:167 Resp: 432971

Ion Ratio Lower Upper

167 100

166 22.5 15.7 23.5

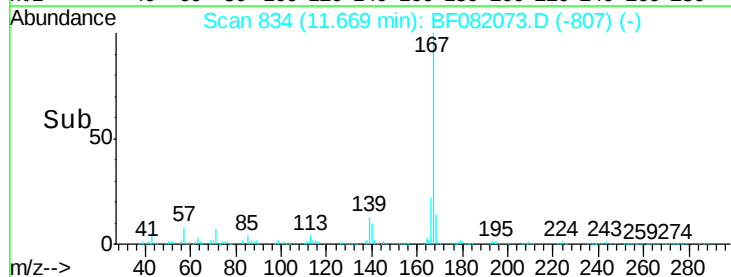
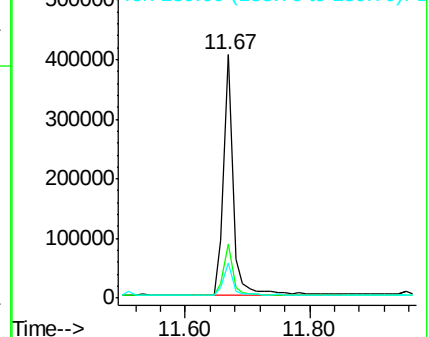
139 14.4 9.5 14.3#

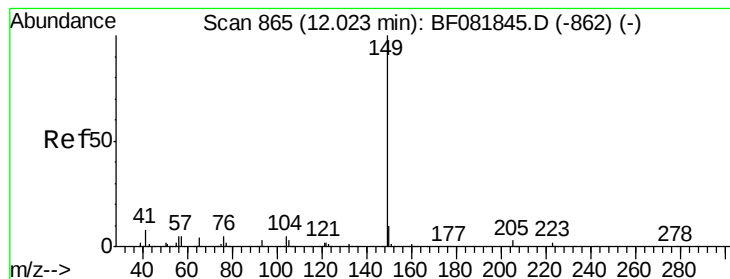


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 55.12 ng

RT: 11.99 min Scan# 862

Delta R.T. 0.01 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MS

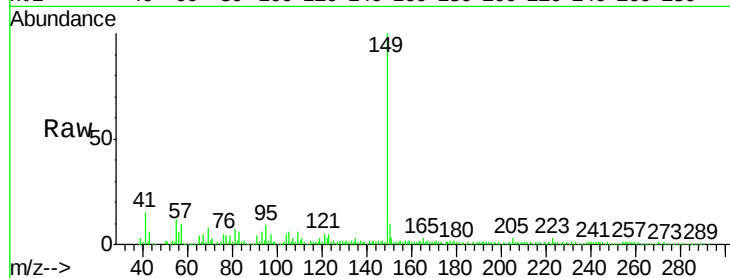
Tgt Ion:149 Resp: 523050

Ion Ratio Lower Upper

149 100

150 10.2 7.4 11.2

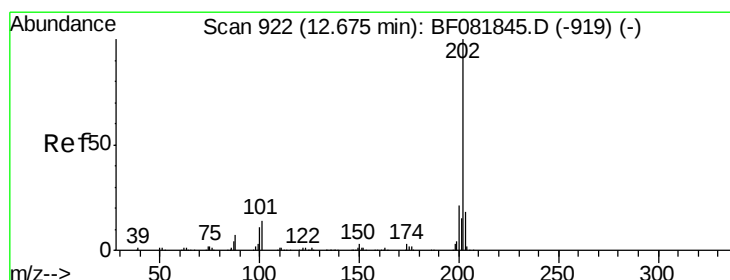
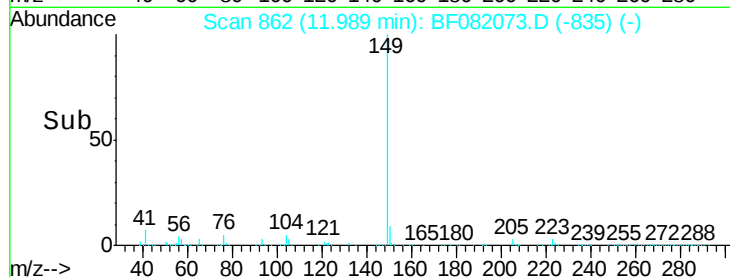
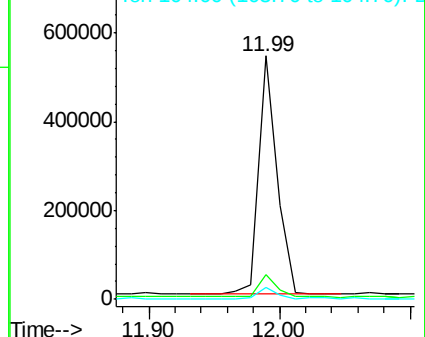
104 5.0 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.67 ng

RT: 12.65 min Scan# 920

Delta R.T. 0.02 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

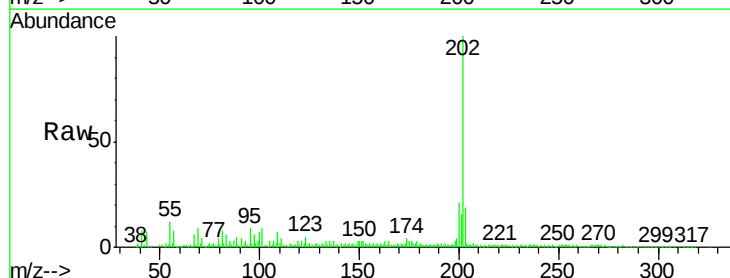
Tgt Ion:202 Resp: 498249

Ion Ratio Lower Upper

202 100

101 9.2 0.0 38.3

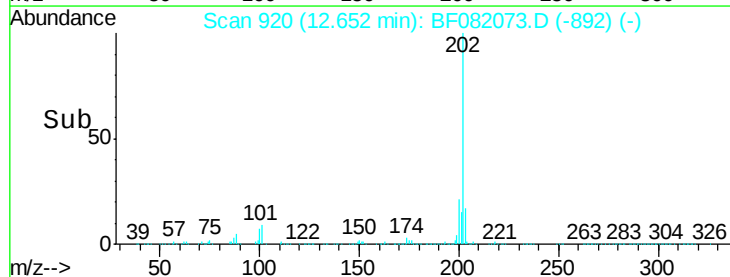
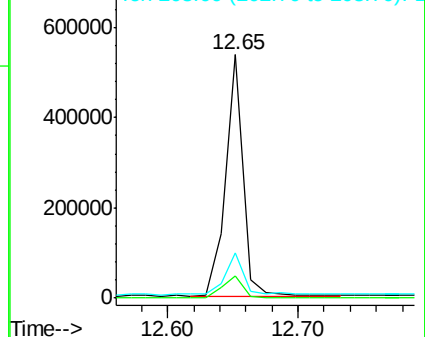
203 18.5 0.0 37.3

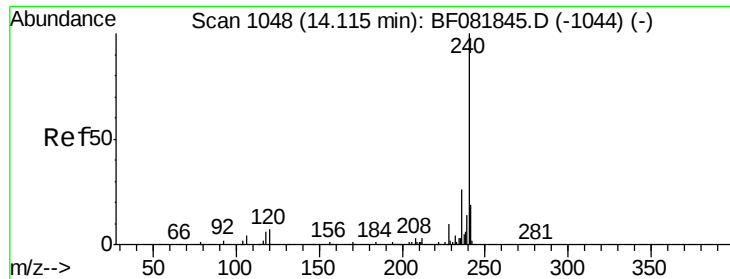


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.09 min Scan# 1046

Delta R.T. 0.03 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

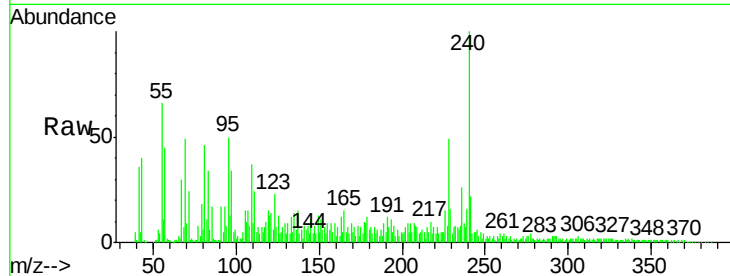
Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MS

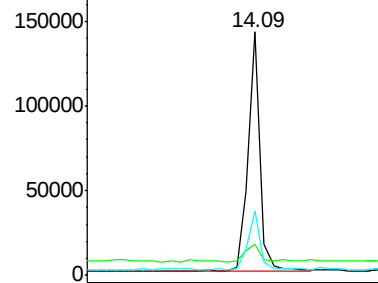
Tgt Ion:	240	Resp:	150875
Ion Ratio	Lower	Upper	
240	100		
120	12.7	16.2	24.2#
236	26.3	18.4	27.6



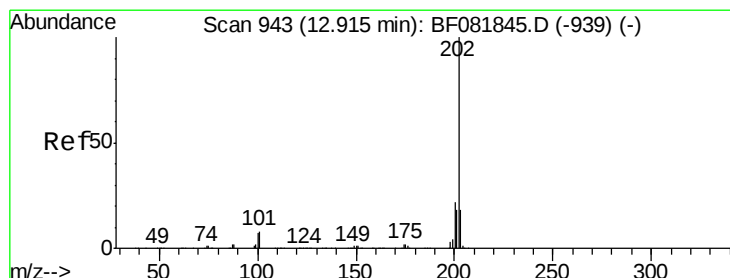
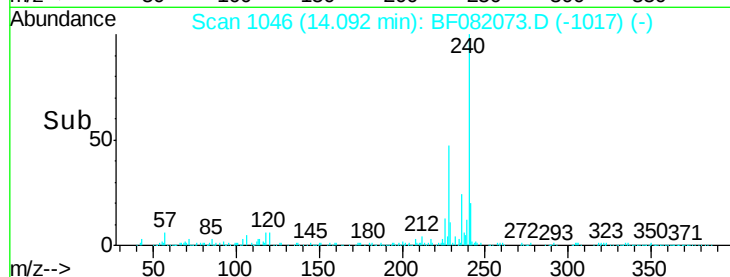
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.90 14.00 14.10 14.20



#77

Pyrene

Concen: 53.02 ng

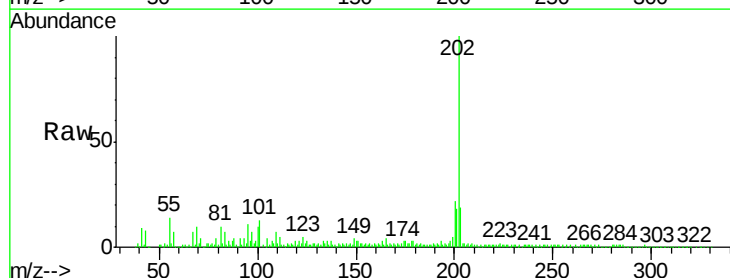
RT: 12.88 min Scan# 940

Delta R.T. 0.02 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

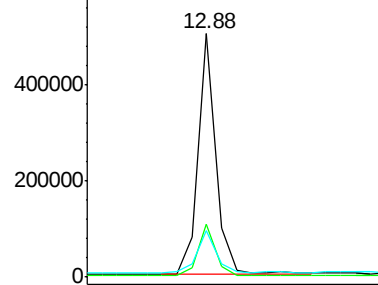
Tgt Ion:	202	Resp:	477878
Ion Ratio	Lower	Upper	
202	100		
200	21.9	15.0	22.4
203	19.1	14.1	21.1



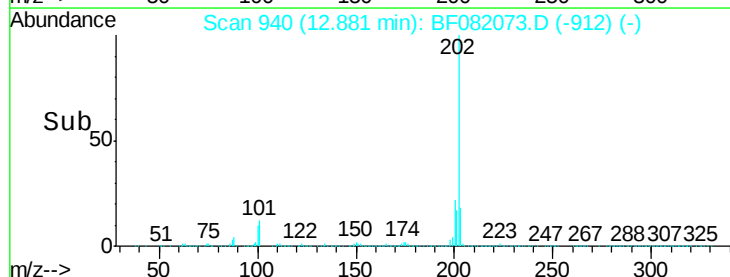
Abundance Ion 202.00 (201.70 to 202.70): E

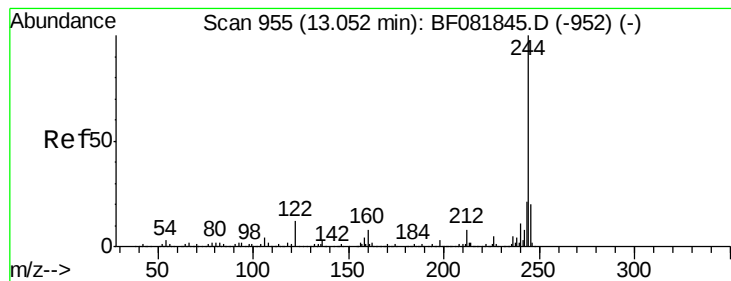
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 12.80 12.90





#78

Terphenyl-d14

Concen: -20.00 ng

RT: 13.03 min Scan# 953

Delta R.T. 0.02 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MS

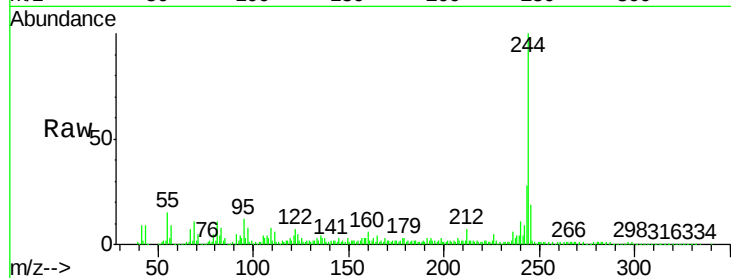
Tgt Ion:244 Resp: 665197

Ion Ratio Lower Upper

244 100

212 6.7 4.3 6.5#

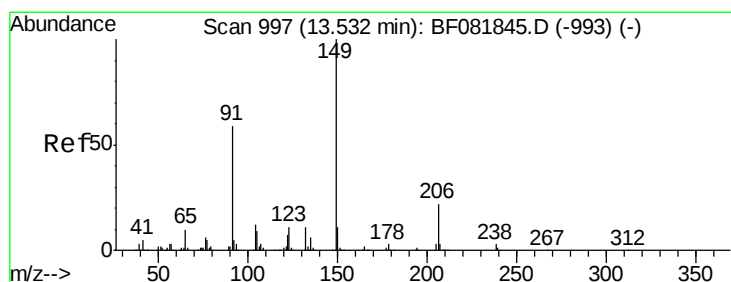
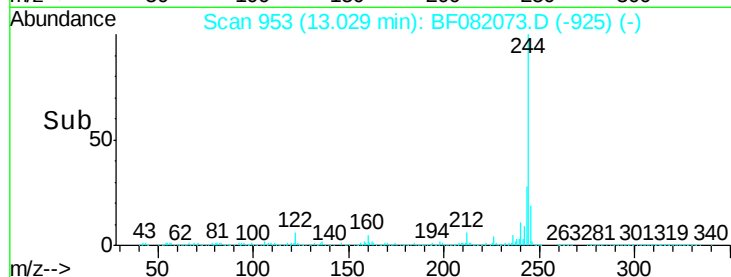
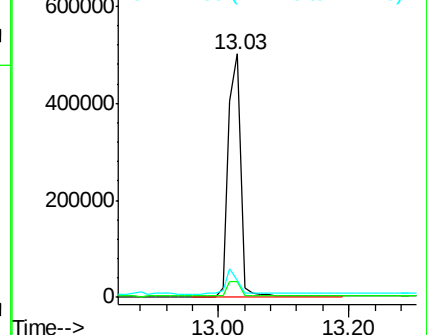
122 7.1 17.4 26.2#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 55.20 ng

RT: 13.50 min Scan# 994

Delta R.T. 0.02 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

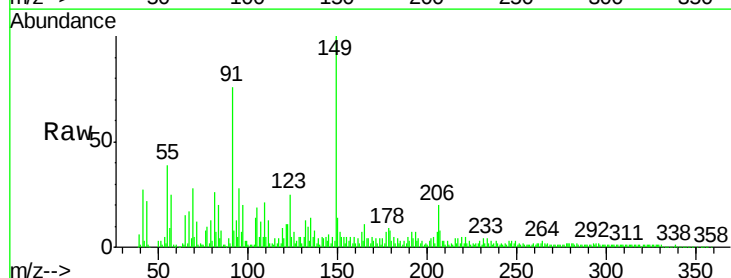
Tgt Ion:149 Resp: 187226

Ion Ratio Lower Upper

149 100

91 76.5 48.6 72.8#

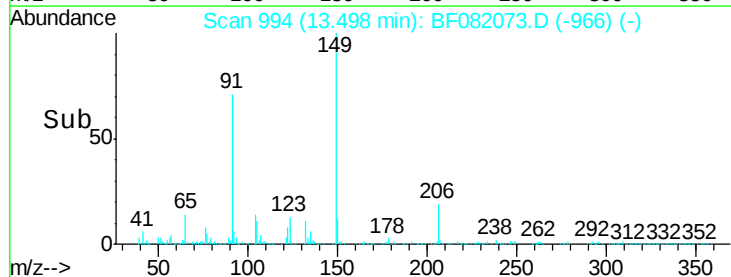
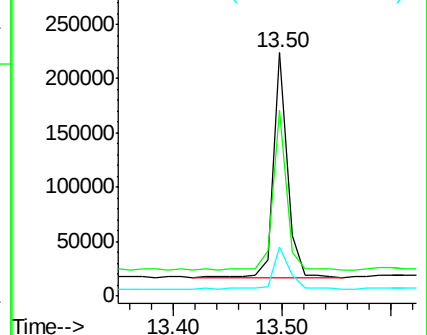
206 20.0 14.9 22.3

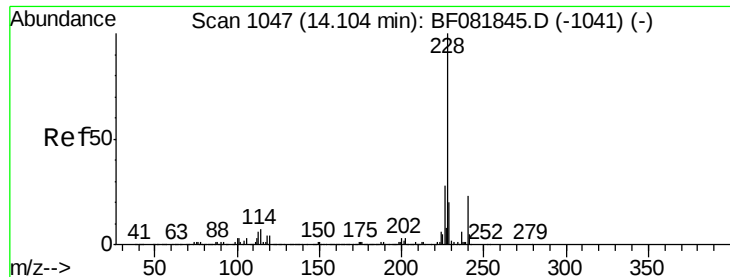


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 44.27 ng

RT: 14.08 min Scan# 1045

Delta R.T. 0.03 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

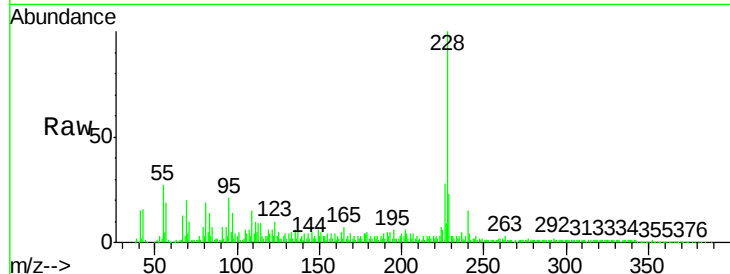
Instrument :

BNA_F

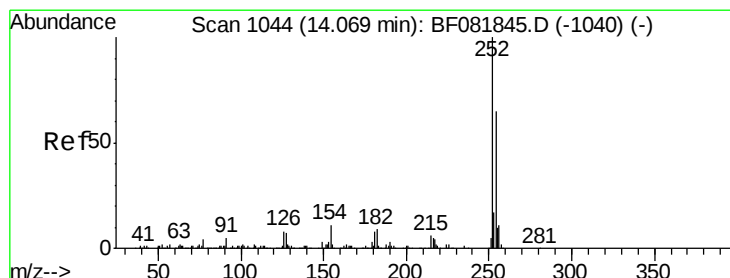
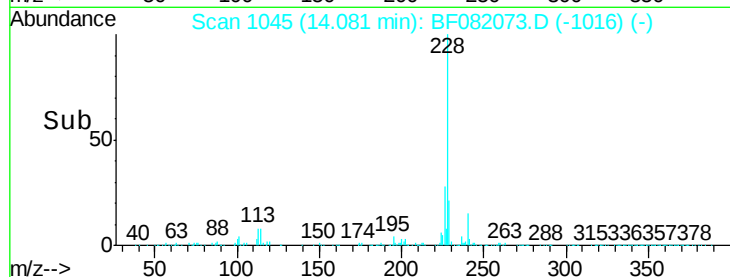
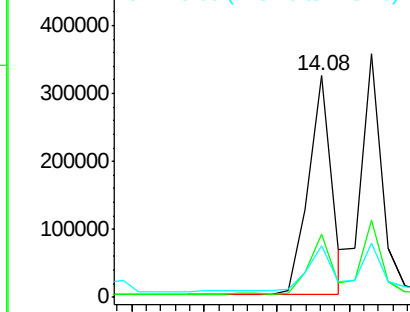
ClientSampleId :

SS-8(0-24)MS

Tgt Ion:	228	Resp:	359647
Ion	Ratio	Lower	Upper
228	100		
226	28.5	20.0	30.0
229	23.1	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: 7.55 ng

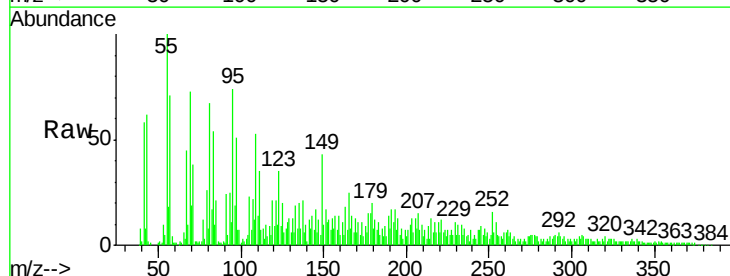
RT: 14.05 min Scan# 1042

Delta R.T. 0.03 min

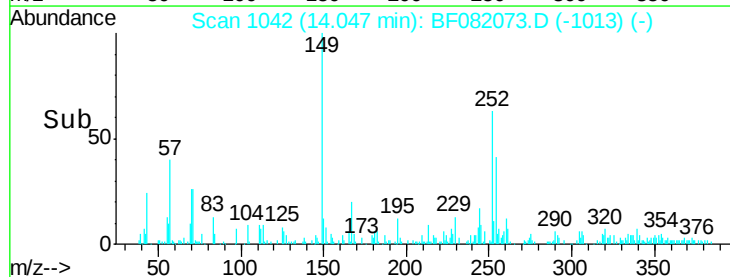
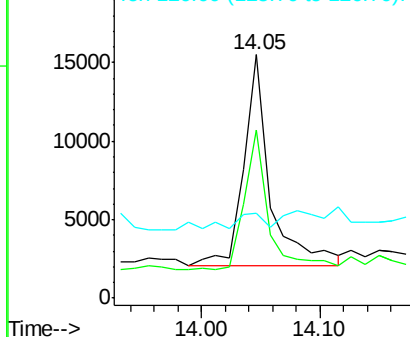
Lab File: BF082073.D

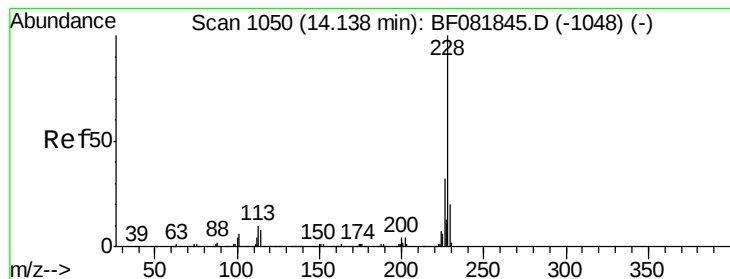
Acq: 6 Oct 2015 5:31

Tgt Ion:	252	Resp:	20707
Ion	Ratio	Lower	Upper
252	100		
254	69.0	51.4	77.2
126	34.8	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: Below Cal

RT: 14.08 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MS

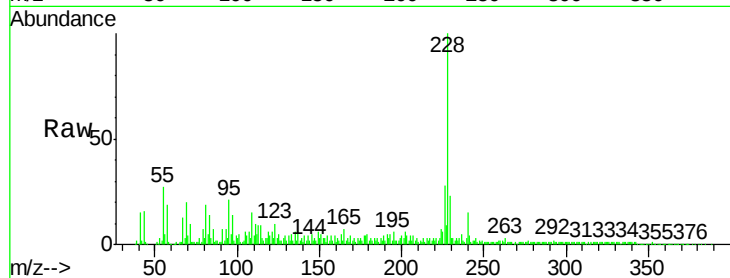
Tgt Ion: 228 Resp: 359647

Ion Ratio Lower Upper

228 100

226 28.5 21.0 31.4

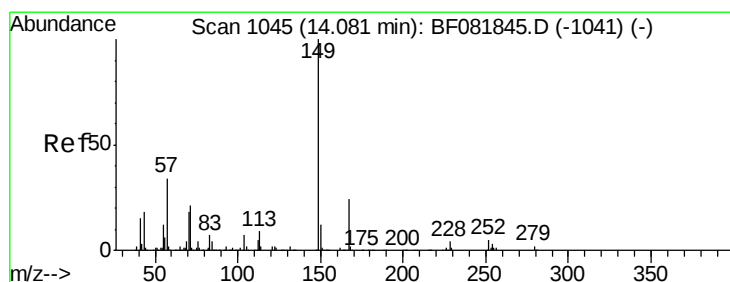
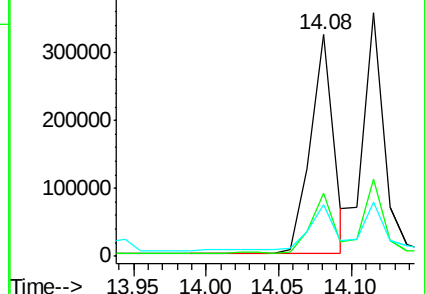
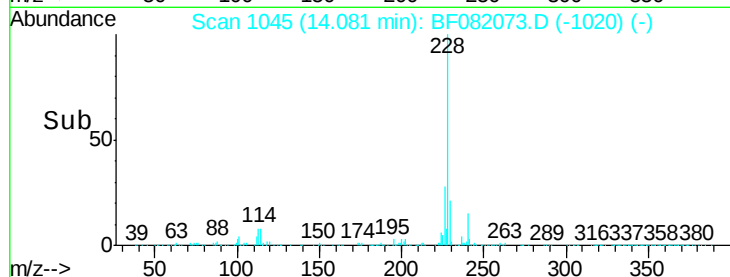
229 23.1 15.6 23.4



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: 58.36 ng

RT: 14.06 min Scan# 1043

Delta R.T. 0.02 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

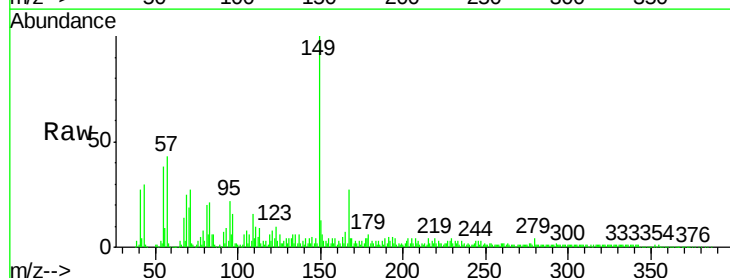
Tgt Ion: 149 Resp: 248271

Ion Ratio Lower Upper

149 100

167 26.8 24.2 36.2

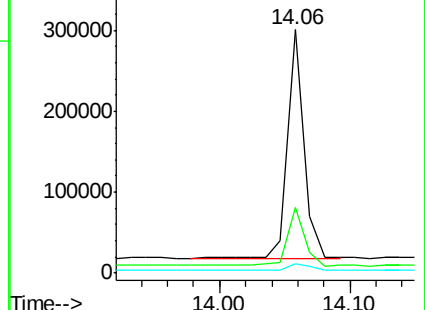
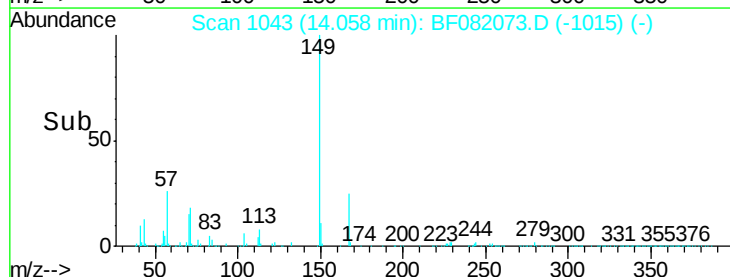
279 3.7 3.8 5.6#

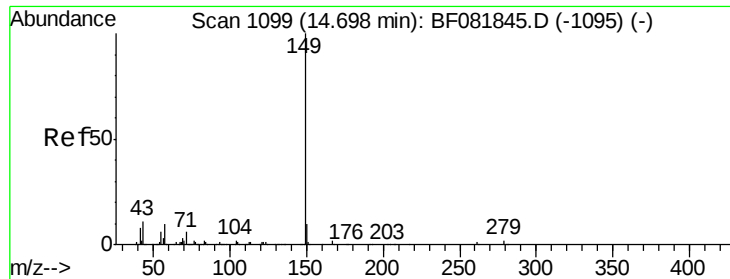


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 56.31 ng

RT: 14.68 min Scan# 1097

Delta R.T. 0.02 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MS

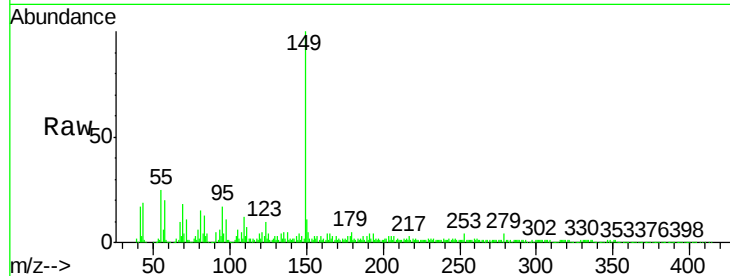
Tgt Ion:149 Resp: 389863

Ion Ratio Lower Upper

149 100

167 2.1 1.0 1.6#

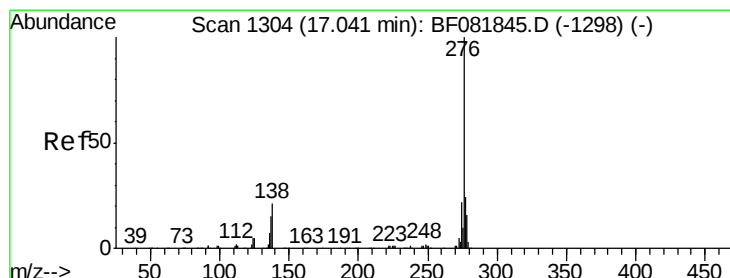
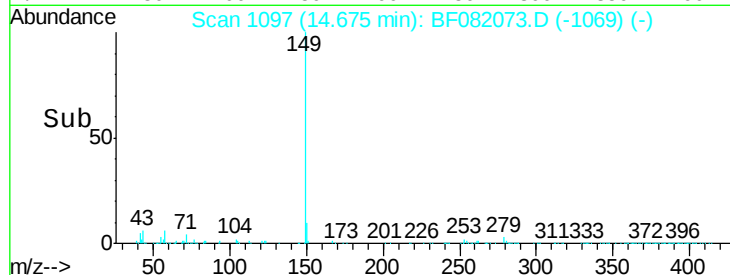
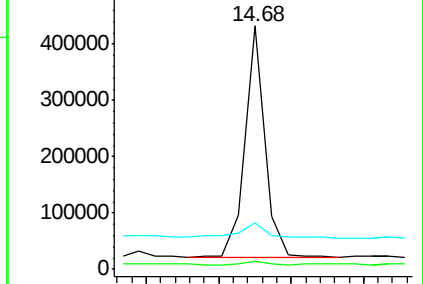
43 10.7 10.2 15.2



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: 48.22 ng

RT: 17.02 min Scan# 1302

Delta R.T. 0.08 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

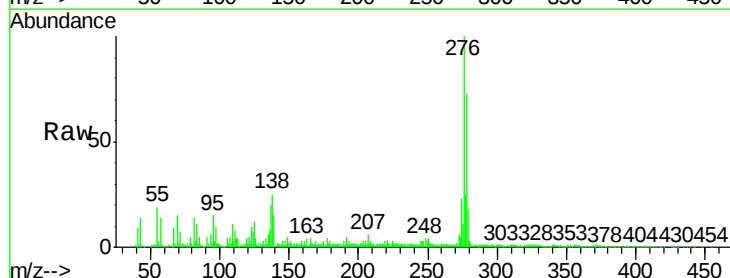
Tgt Ion:276 Resp: 306482

Ion Ratio Lower Upper

276 100

138 22.7 25.7 38.5#

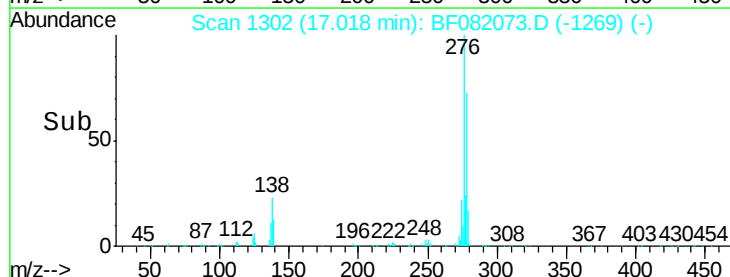
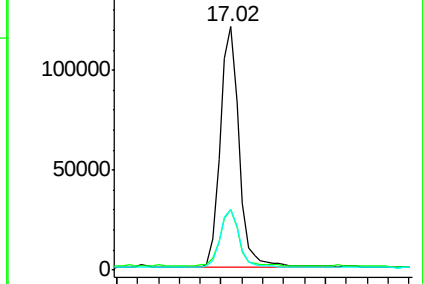
277 24.0 15.6 23.4#

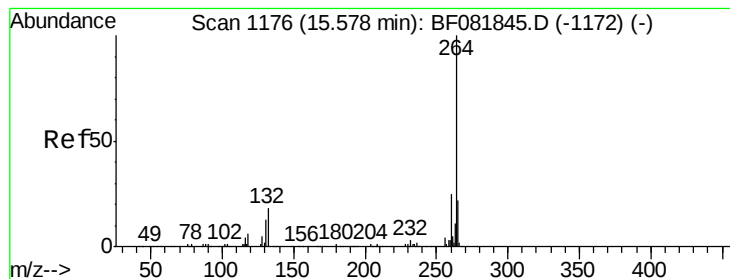


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.57 min Scan# 1175

Delta R.T. 0.06 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MS

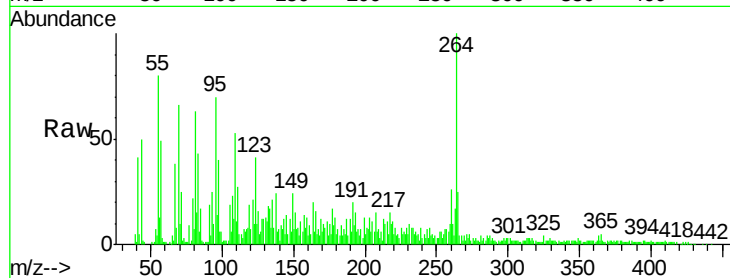
Tgt Ion:264 Resp: 118724

Ion Ratio Lower Upper

264 100

260 26.4 16.7 25.1#

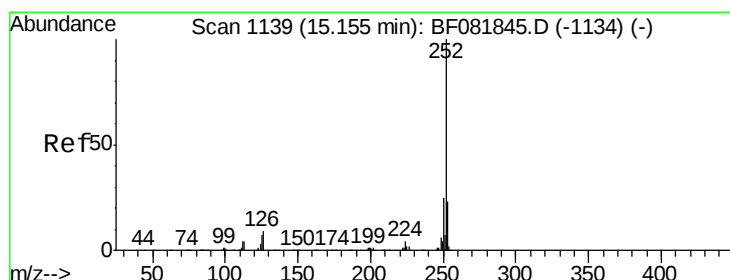
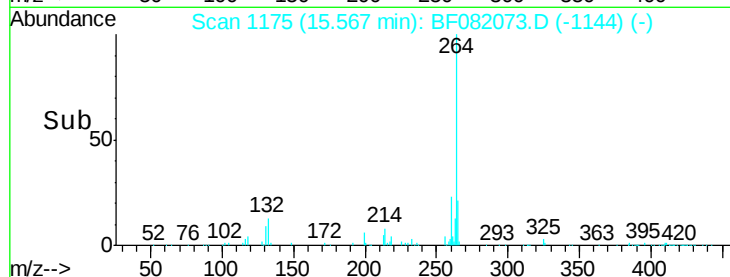
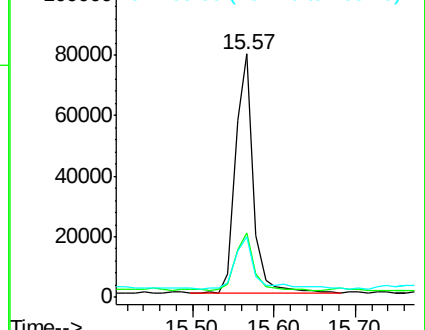
265 24.7 17.2 25.8



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: 90.14 ng

RT: 15.13 min Scan# 1137

Delta R.T. 0.05 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

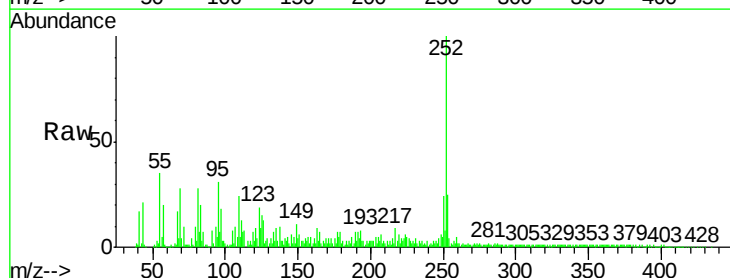
Tgt Ion:252 Resp: 610977

Ion Ratio Lower Upper

252 100

253 25.4 17.5 26.3

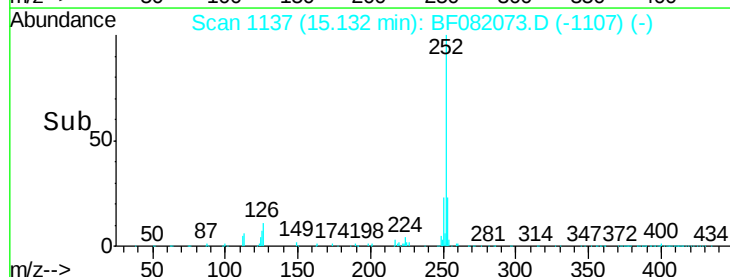
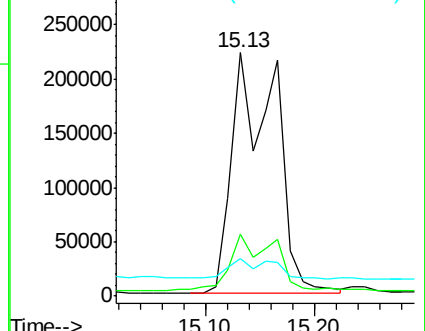
125 15.2 17.1 25.7#

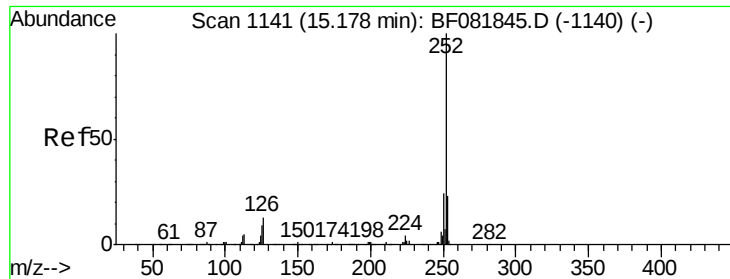


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

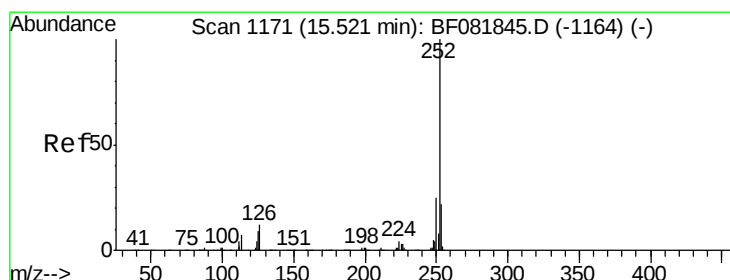
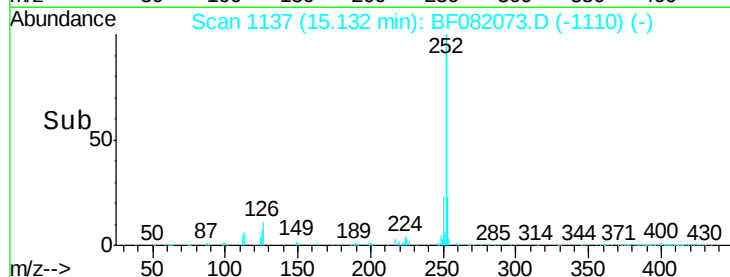
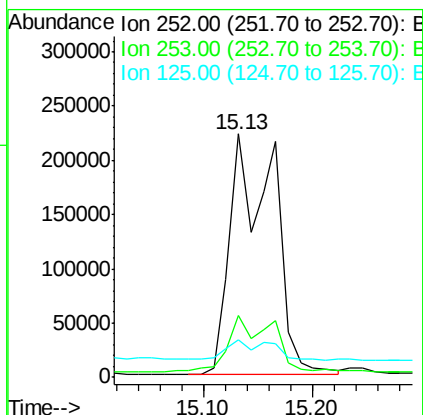
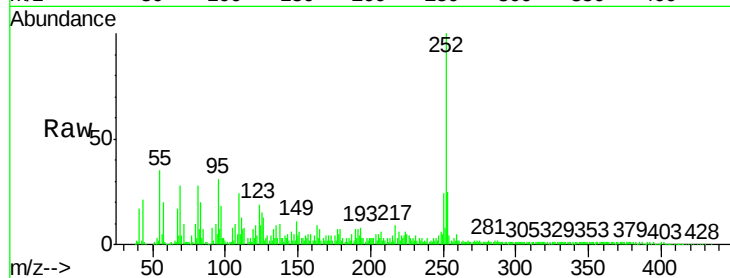




#88
 Benzo(k)fluoranthene
 Concen: 98.34 ng
 RT: 15.13 min Scan# 1137
 Delta R.T. 0.01 min
 Lab File: BF082073.D
 Acq: 6 Oct 2015 5:31

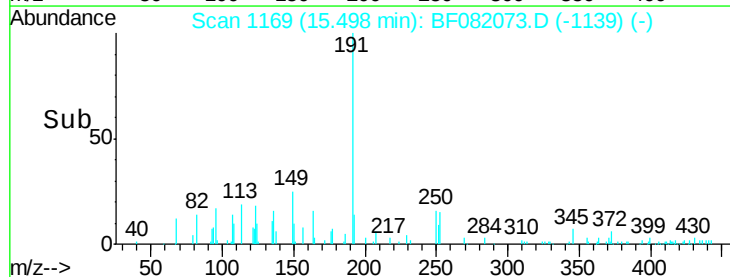
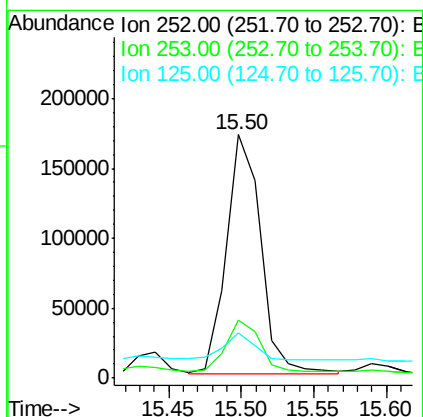
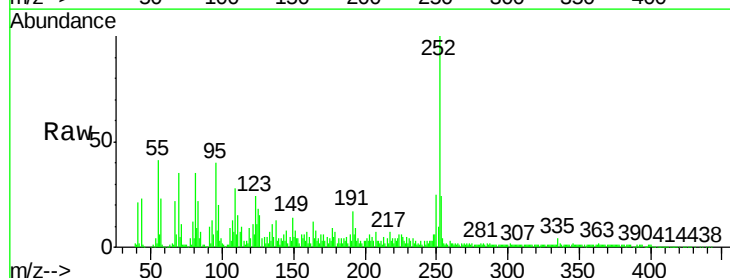
Instrument :
 BNA_F
 ClientSampleId :
 SS-8(0-24)MS

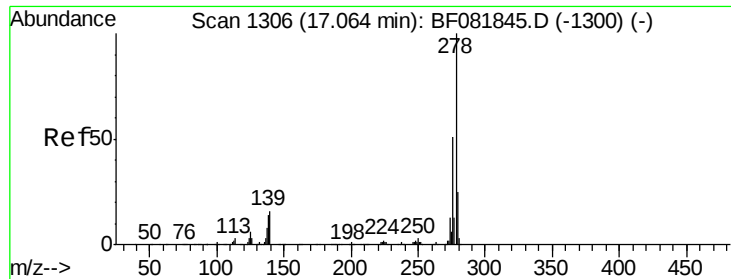
Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.0	25.4
125	15.2	16.0	24.0#



#89
 Benzo(a)pyrene
 Concen: 48.09 ng
 RT: 15.50 min Scan# 1169
 Delta R.T. 0.05 min
 Lab File: BF082073.D
 Acq: 6 Oct 2015 5:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	18.4	18.0	27.0





#90

Dibenzo(a,h)anthracene

Concen: 50.70 ng

RT: 17.03 min Scan# 1303

Delta R.T. 0.07 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)MS

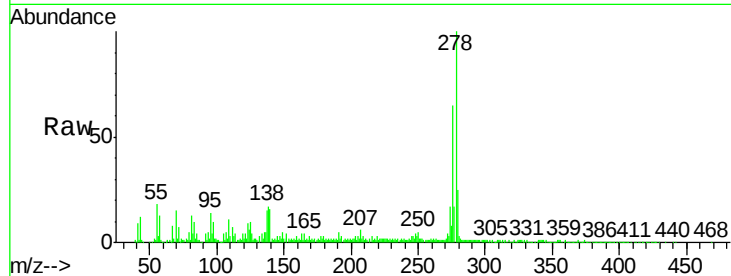
Tgt Ion:278 Resp: 250113

Ion Ratio Lower Upper

278 100

139 15.6 26.3 39.5#

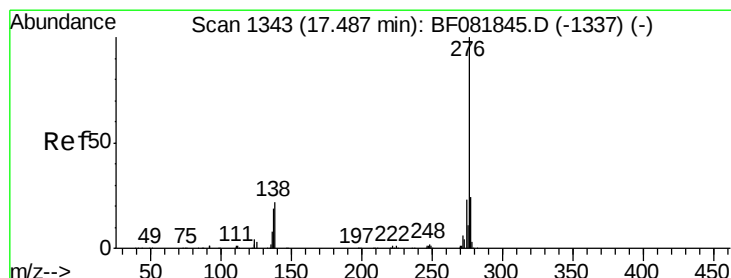
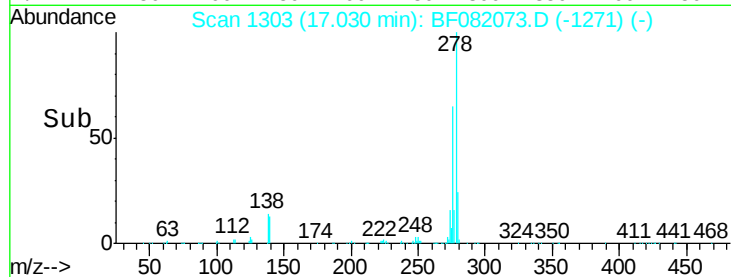
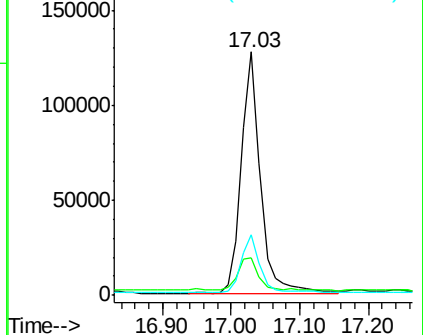
279 24.7 18.2 27.4



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: 49.93 ng

RT: 17.45 min Scan# 1340

Delta R.T. 0.08 min

Lab File: BF082073.D

Acq: 6 Oct 2015 5:31

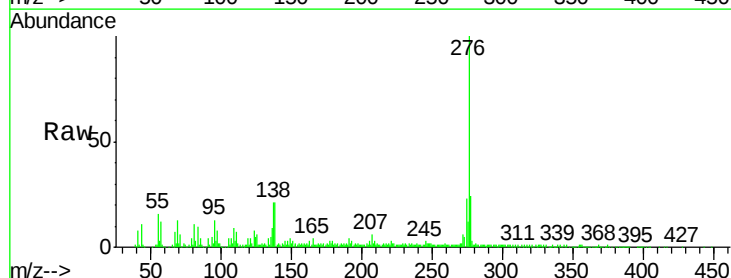
Tgt Ion:276 Resp: 252429

Ion Ratio Lower Upper

276 100

277 24.1 17.8 26.6

138 21.0 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

