

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
 Data File : BF080327.D
 Acq On : 3 Jul 2015 6:35
 Operator : TP/IZ
 Sample : IDOC-03-S-UM
 Misc : IDOC-SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03-S-UM

Quant Time: Jul 03 07:25:55 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 03 07:20:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	35461	20.00	ng	0.00
21) Naphthalene-d8	8.53	136	136250	20.00	ng	0.00
38) Acenaphthene-d10	10.30	164	64877	20.00	ng	0.00
63) Phenanthrene-d10	11.80	188	138975	20.00	ng	0.00
75) Chrysene-d12	14.75	240	152240	20.00	ng	0.03
86) Perylene-d12	16.60	264	143391	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.85	112	167321	81.71	ng	0.00
7) Phenol-d6	6.84	99	205107	74.61	ng	0.00
23) Nitrobenzene-d5	7.80	82	189305	76.50	ng	0.00
41) 2,4,6-Tribromophenol	11.09	330	56718	91.81	ng	0.00
44) 2-Fluorobiphenyl	9.61	172	407385	90.38	ng	0.00
78) Terphenyl-d14	13.48	244	457658	70.42	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.06	88	27305	111.11	ng	# 100
3) Pyridine	3.90	79	86754	34.23	ng	97
4) n-Nitrosodimethylamine	3.80	42	41493	36.75	ng	95
6) Aniline	6.90	93	96398	26.22	ng	90
8) 2-Chlorophenol	7.02	128	89440	39.76	ng	95
9) Benzaldehyde	6.78	77	43958	29.26	ng	94
10) Phenol	6.86	94	111967	36.83	ng	85
11) bis(2-Chloroethyl)ether	6.96	93	80640	35.06	ng	93
12) 1,3-Dichlorobenzene	7.18	146	104542	38.07	ng	98
13) 1,4-Dichlorobenzene	7.18	146	104542	38.24	ng	97
14) 1,2-Dichlorobenzene	7.41	146	99853	36.76	ng	97
15) Benzyl Alcohol	7.37	79	78972	37.32	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.50	45	129816	36.79	ng	100
17) 2-Methylphenol	7.48	107	67355	34.64	ng	# 93
18) Hexachloroethane	7.77	117	31289	36.66	ng	# 67
19) n-Nitroso-di-n-propylamine	7.63	70	58903	32.23	ng	# 91
20) 3+4-Methylphenols	7.63	107	95698	37.05	ng	89
22) Acetophenone	7.64	105	129920	40.81	ng	# 92
24) Nitrobenzene	7.81	77	92098	35.89	ng	94
25) Isophorone	8.05	82	175071	36.40	ng	94
26) 2-Nitrophenol	8.14	139	40346	36.01	ng	# 73
27) 2,4-Dimethylphenol	8.17	122	79969	38.88	ng	91
28) bis(2-Chloroethoxy)methane	8.26	93	111541	38.64	ng	98
29) 2,4-Dichlorophenol	8.38	162	71766	37.77	ng	89
30) 1,2,4-Trichlorobenzene	8.48	180	76470	34.50	ng	90
31) Naphthalene	8.56	128	258985	37.31	ng	99
32) Benzoic acid	8.22	122	27684	58.81	ng	93
33) 4-Chloroaniline	8.59	127	70863	24.06	ng	95
34) Hexachlorobutadiene	8.67	225	49151	35.21	ng	98
35) Caprolactam	8.93	113	21227	36.82	ng	# 76
36) 4-Chloro-3-methylphenol	9.06	107	73058	35.52	ng	90
37) 2-Methylnaphthalene	9.24	142	167726	35.29	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.41	216	80057	37.08	ng	# 99
40) Hexachlorocyclopentadiene	9.40	237	64191	75.91	ng	97

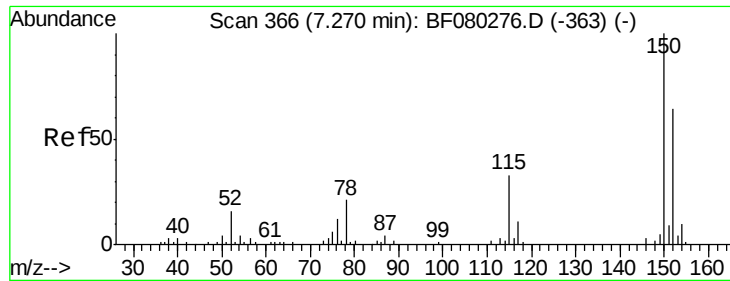
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.53	196	50022	36.60	ng	99
43) 2,4,5-Trichlorophenol	9.56	196	61011	41.44	ng	# 92
45) 1,1'-Biphenyl	9.71	154	226572	41.07	ng	98
46) 2-Chloronaphthalene	9.74	162	169032	39.58	ng	# 91
47) 2-Nitroaniline	9.82	65	52348	42.62	ng	# 81
48) Acenaphthylene	10.16	152	268005	36.14	ng	99
49) Dimethylphthalate	10.00	163	197878	39.93	ng	99
50) 2,6-Dinitrotoluene	10.06	165	44664	44.08	ng	# 72
51) Acenaphthene	10.34	154	172643	40.43	ng	87
52) 3-Nitroaniline	10.24	138	35744	30.76	ng	86
53) 2,4-Dinitrophenol	10.34	184	36387	85.15	ng	# 57
54) Dibenzofuran	10.51	168	247436	41.06	ng	# 89
55) 4-Nitrophenol	10.38	139	79123	92.11	ng	# 76
56) 2,4-Dinitrotoluene	10.48	165	54330	41.36	ng	# 65
57) Fluorene	10.85	166	206702	41.35	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.62	232	48058	41.88	ng	97
59) Diethylphthalate	10.70	149	208532	44.27	ng	# 94
60) 4-Chlorophenyl-phenylether	10.84	204	90030	39.83	ng	# 82
61) 4-Nitroaniline	10.85	138	44849	37.97	ng	82
62) Azobenzene	10.99	77	182054	37.57	ng	93
64) 4,6-Dinitro-2-methylphenol	10.89	198	27229	46.83	ng	# 49
65) n-Nitrosodiphenylamine	10.96	169	163983	35.91	ng	100
66) 4-Bromophenyl-phenylether	11.33	248	60293	40.14	ng	# 89
67) Hexachlorobenzene	11.41	284	63935	39.72	ng	# 93
68) Atrazine	11.47	200	56055	40.60	ng	97
69) Pentachlorophenol	11.60	266	64383	74.22	ng	99
70) Phenanthrene	11.82	178	323880	38.90	ng	100
71) Anthracene	11.88	178	313080	39.19	ng	99
72) Carbazole	12.03	167	291523	39.02	ng	98
73) Di-n-butylphthalate	12.36	149	316595	39.50	ng	99
74) Fluoranthene	13.08	202	339956	39.52	ng	99
76) Benzidine	13.20	184	150802	33.83	ng	99
77) Pyrene	13.33	202	350939	36.01	ng	99
79) Butylbenzylphthalate	14.03	149	140343	37.56	ng	91
80) Benzo(a)anthracene	14.74	228	349141	37.95	ng	99
81) 3,3'-Dichlorobenzidine	14.68	252	84444	28.12	ng	98
82) Chrysene	14.79	228	326467	38.49	ng	98
83) Bis(2-ethylhexyl)phthalate	14.72	149	198152	37.68	ng	# 95
84) Di-n-octyl phthalate	15.53	149	326192	36.81	ng	98
85) Indeno(1,2,3-cd)pyrene	18.37	276	366831	38.47	ng	98
87) Benzo(b)fluoranthene	16.08	252	373357	41.22	ng	98
88) Benzo(k)fluoranthene	16.11	252	298235	34.96	ng	99
89) Benzo(a)pyrene	16.52	252	326516	39.56	ng	98
90) Dibenzo(a,h)anthracene	18.40	278	310728	40.12	ng	98
91) Benzo(g,h,i)perylene	18.91	276	315484	39.05	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.24 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF080327.D

Acq: 3 Jul 2015 6:35

Instrument :

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IDOC-03-S-UM

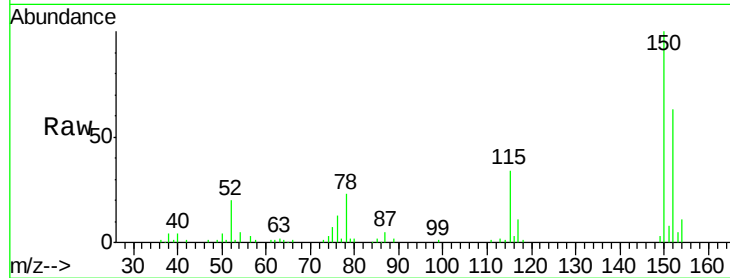
Tgt Ion:152 Resp: 35461

Ion Ratio Lower Upper

152 100

150 158.9 124.7 187.1

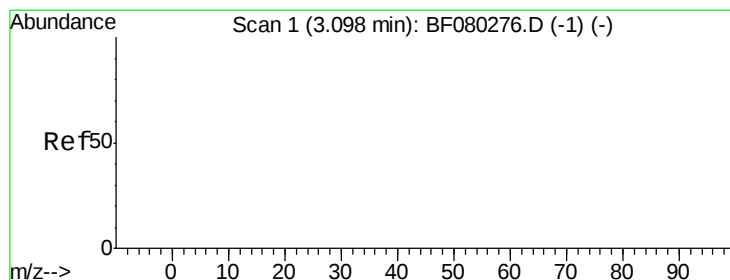
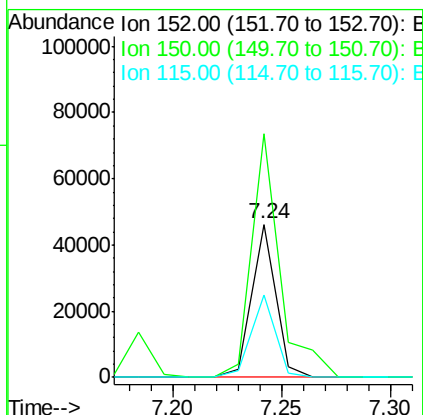
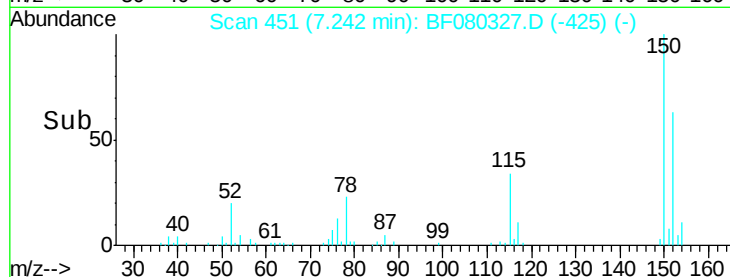
115 53.9 41.0 61.6



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: 111.11 ng

RT: 3.06 min Scan# 85

Delta R.T. 0.03 min

Lab File: BF080327.D

Acq: 3 Jul 2015 6:35

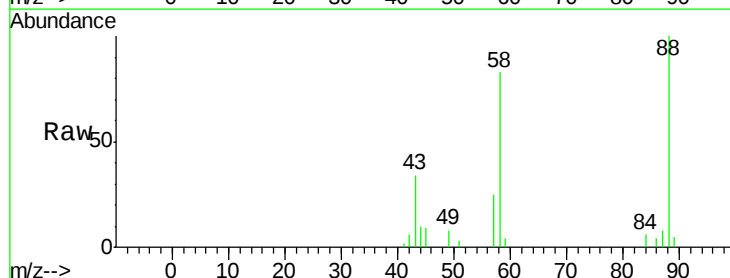
Tgt Ion: 88 Resp: 27305

Ion Ratio Lower Upper

88 100

58 88.3 0.0 0.0#

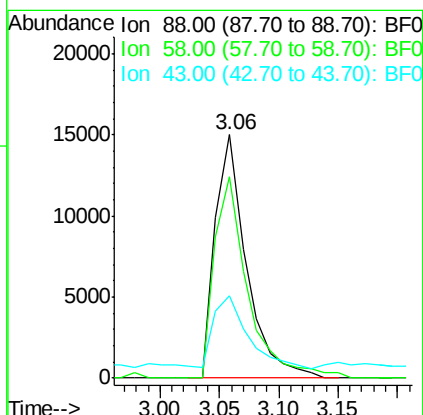
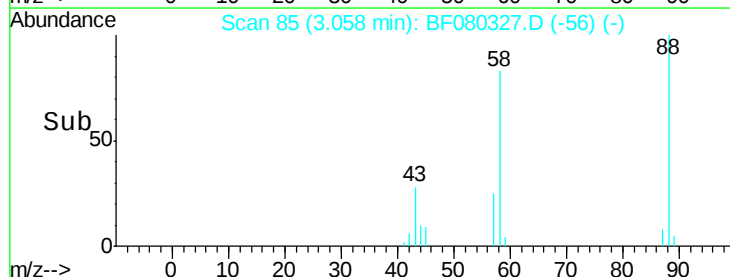
43 33.3 0.0 0.0#

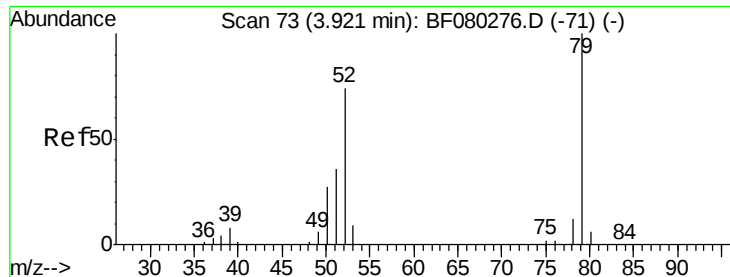


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 34.23 ng

RT: 3.90 min Scan# 159

Delta R.T. 0.02 min

Lab File: BF080327.D

Acq: 3 Jul 2015 6:35

Instrument :

BNA_F

ClientSampleId :

IDOC-03-S-UM

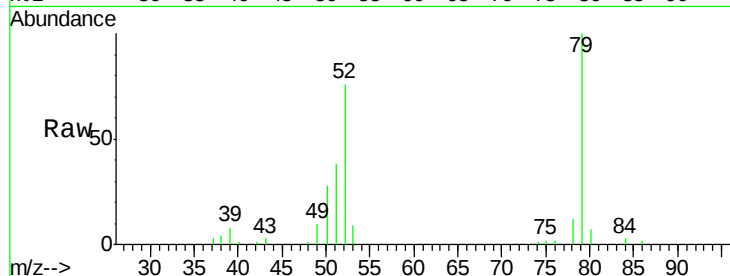
Tgt Ion: 79 Resp: 86754

Ion Ratio Lower Upper

79 100

52 76.2 59.3 88.9

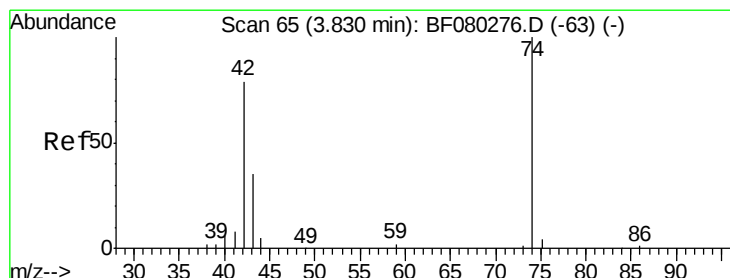
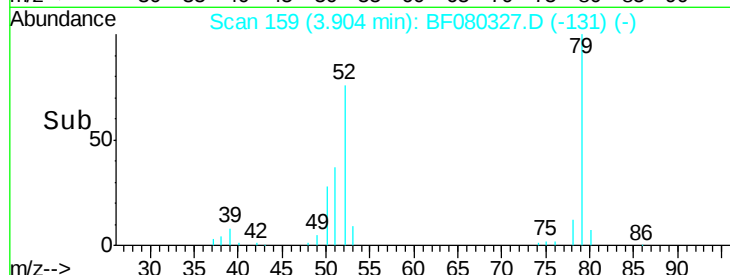
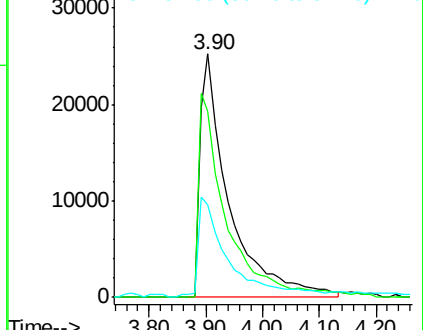
51 38.1 29.0 43.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 36.75 ng

RT: 3.80 min Scan# 150

Delta R.T. 0.01 min

Lab File: BF080327.D

Acq: 3 Jul 2015 6:35

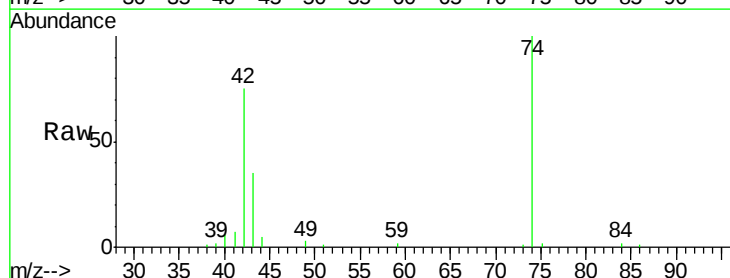
Tgt Ion: 42 Resp: 41493

Ion Ratio Lower Upper

42 100

74 132.8 101.4 152.2

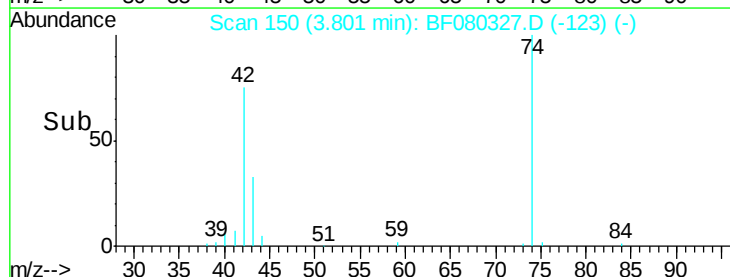
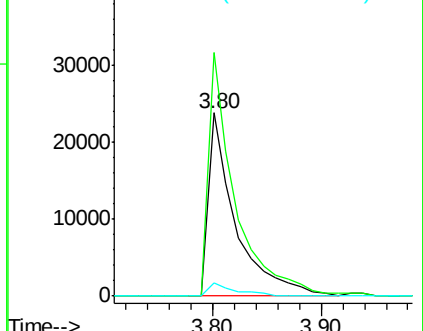
44 7.3 6.3 9.5

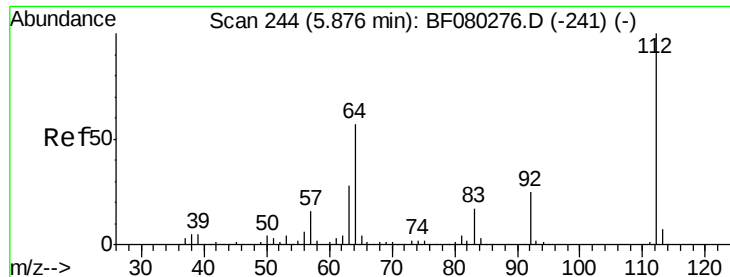


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

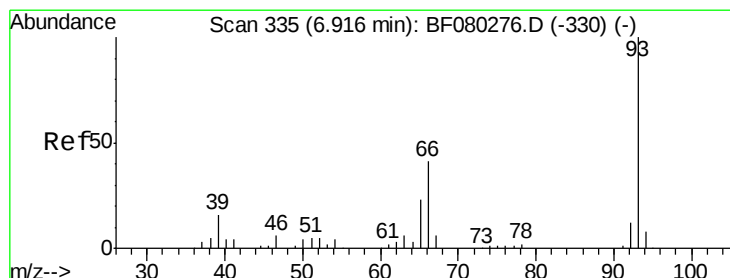
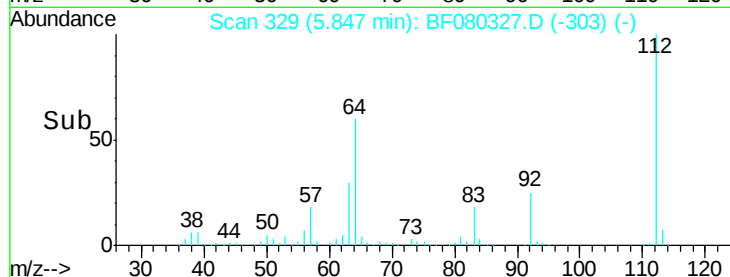
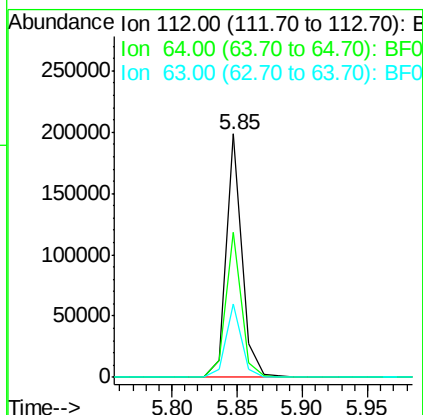
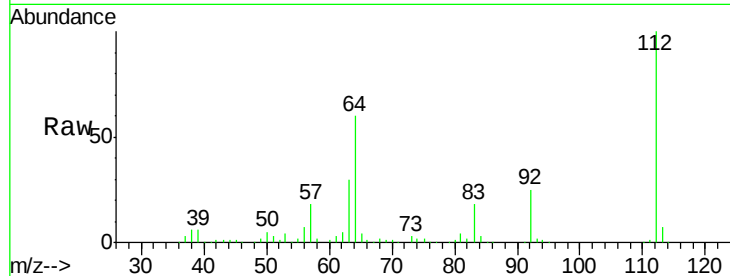




#5
 2-Fluorophenol
 Concen: 81.71 ng
 RT: 5.85 min Scan# 329
 Delta R.T. 0.00 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

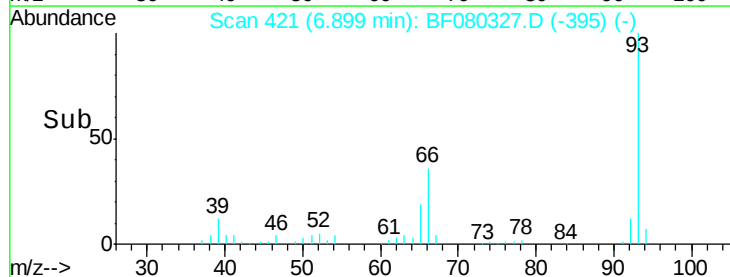
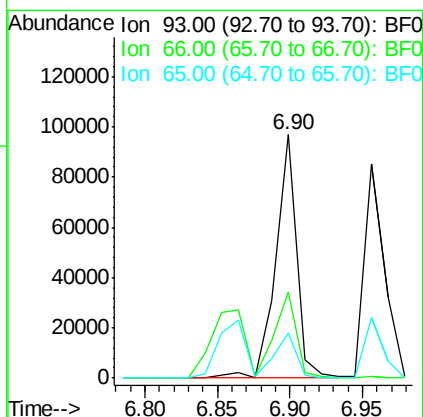
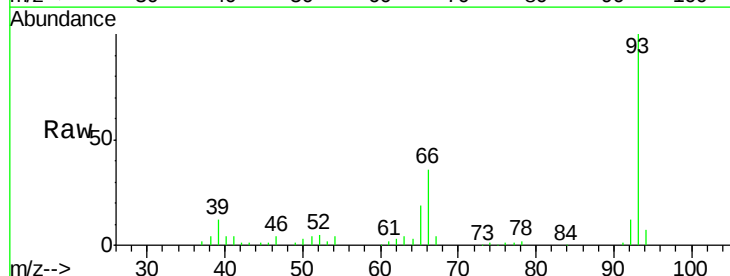
Instrument :
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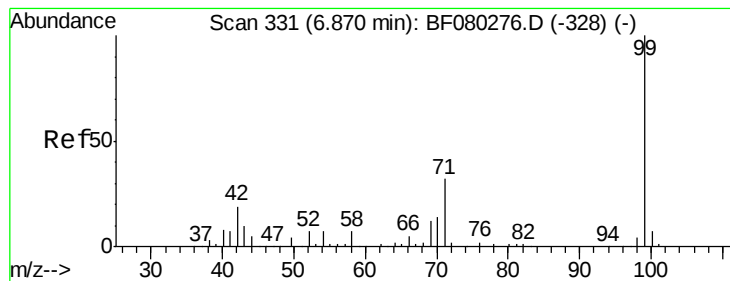
Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	45.5	68.3
63	30.2	22.4	33.6



#6
 Aniline
 Concen: 26.22 ng
 RT: 6.90 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

Tgt Ion	Ratio	Lower	Upper
93	100		
66	35.5	33.7	50.5
65	18.6	18.3	27.5





#7

Phenol-d6

Concen: 74.61 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF080327.D

Acq: 3 Jul 2015 6:35

Instrument :

BNA_F

ClientSampleId :

IDOC-03-S-UM

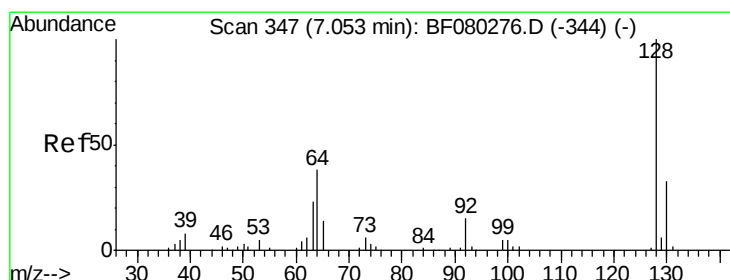
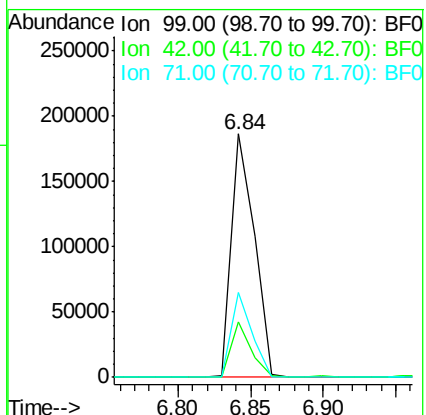
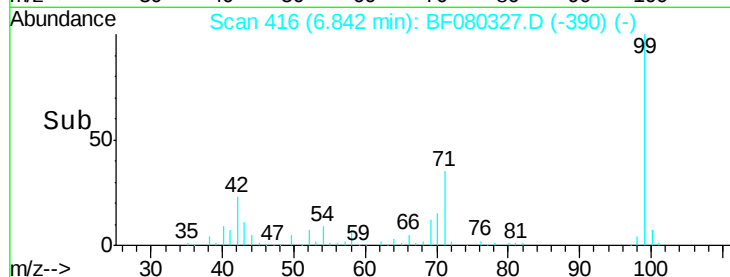
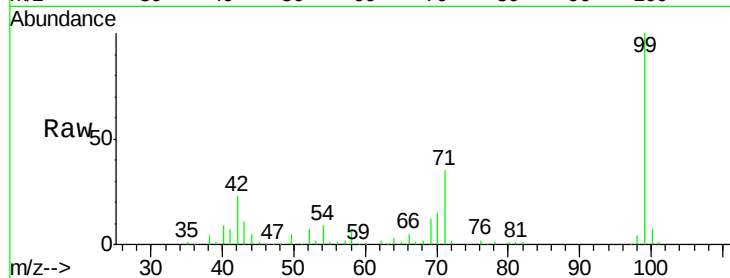
Tgt Ion: 99 Resp: 205107

Ion Ratio Lower Upper

99 100

42 22.5 15.4 23.2

71 34.8 25.8 38.8



#8

2-Chlorophenol

Concen: 39.76 ng

RT: 7.02 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF080327.D

Acq: 3 Jul 2015 6:35

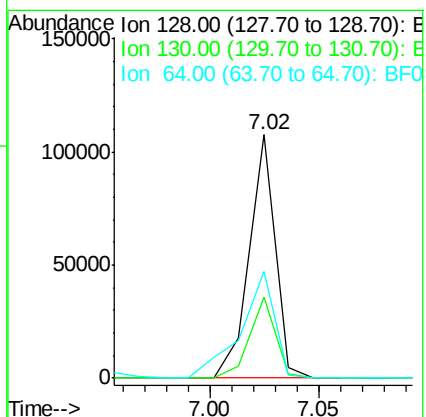
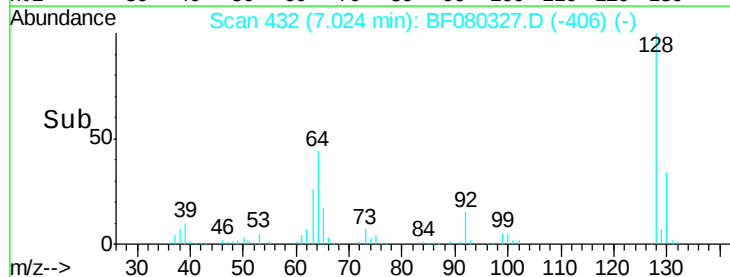
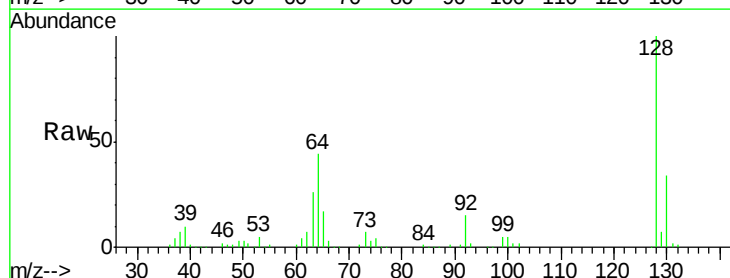
Tgt Ion: 128 Resp: 89440

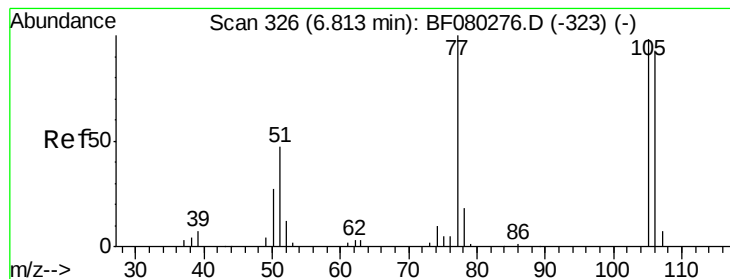
Ion Ratio Lower Upper

128 100

130 33.6 13.4 53.4

64 43.6 18.5 58.5





#9

Benzaldehyde

Concen: 29.26 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.00 min

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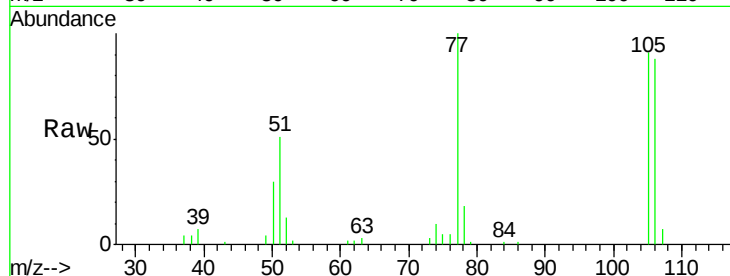
Tgt Ion: 77 Resp: 43958

Ion Ratio Lower Upper

77 100

105 91.4 78.2 118.2

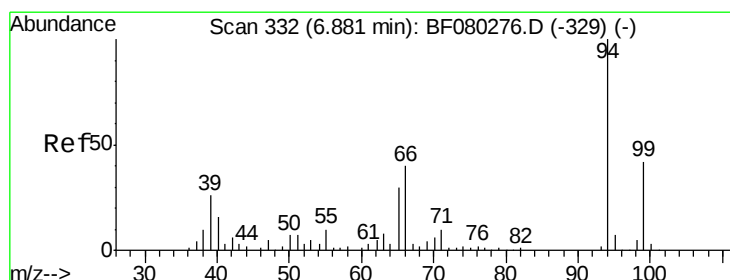
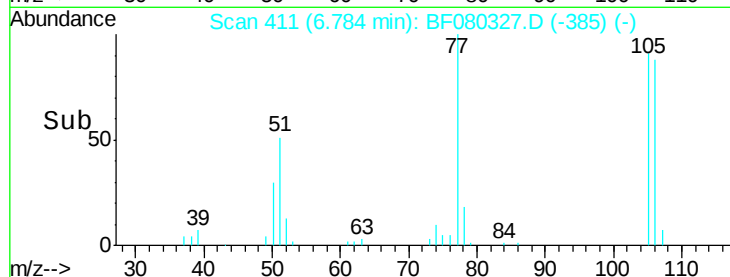
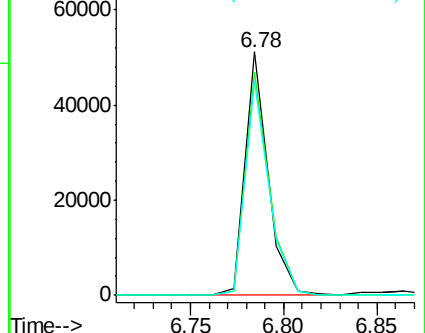
106 87.7 72.5 112.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.83 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.01 min

Lab File: BF080327.D

Acq: 3 Jul 2015 6:35

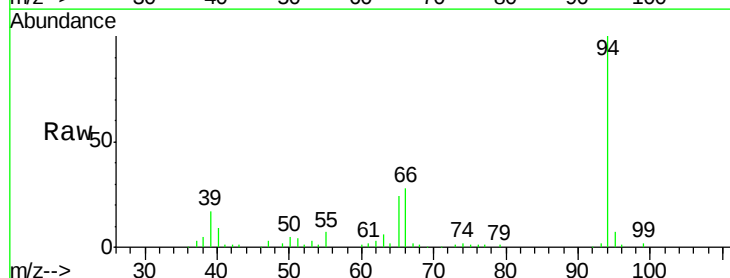
Tgt Ion: 94 Resp: 111967

Ion Ratio Lower Upper

94 100

65 24.2 9.6 49.6

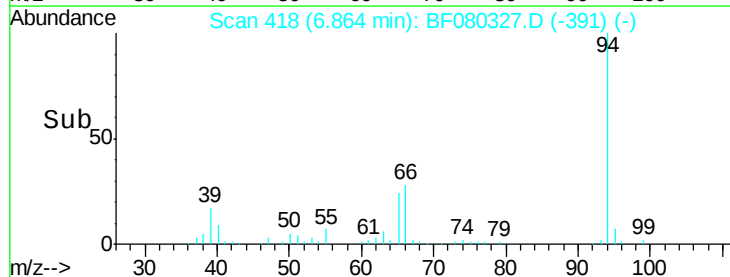
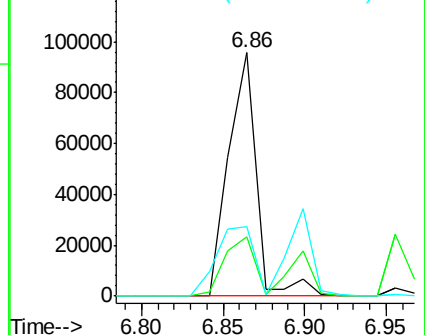
66 28.4 19.7 59.7

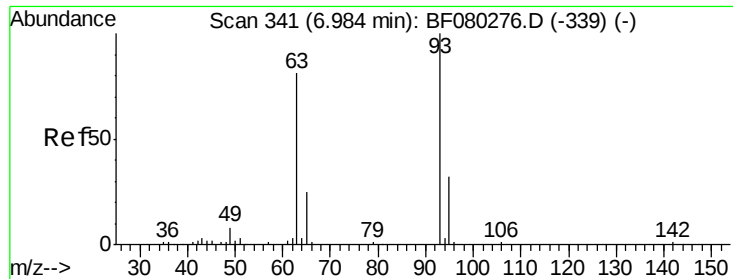


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

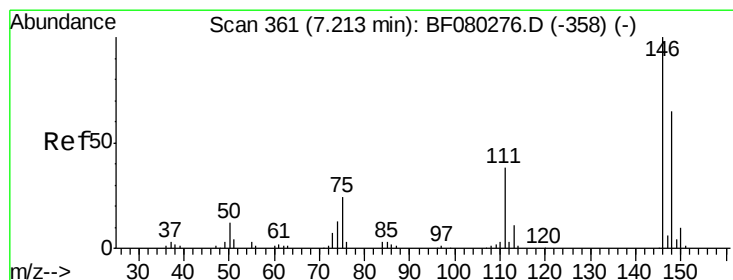
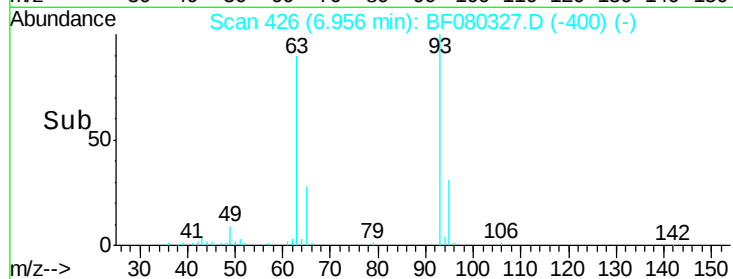
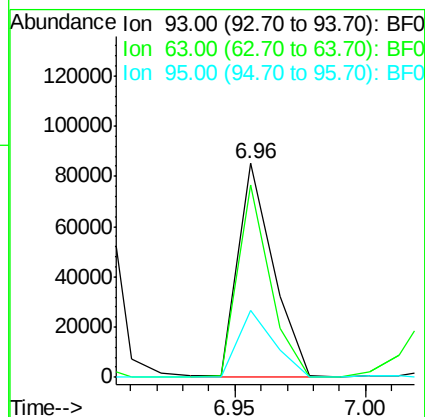
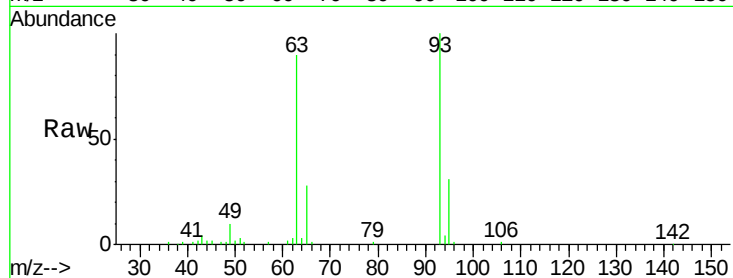




#11
 bis(2-Chloroethyl)ether
 Concen: 35.06 ng
 RT: 6.96 min Scan# 426
 Delta R.T. 0.00 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

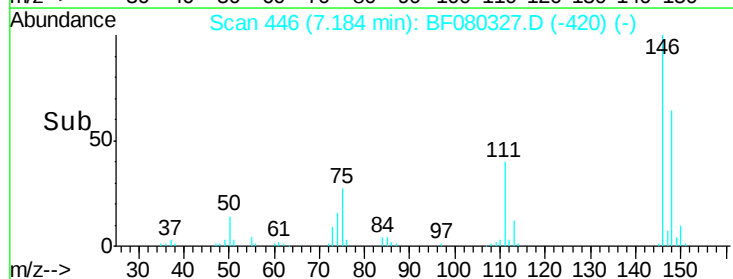
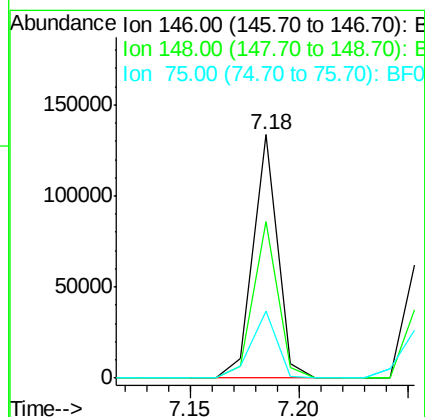
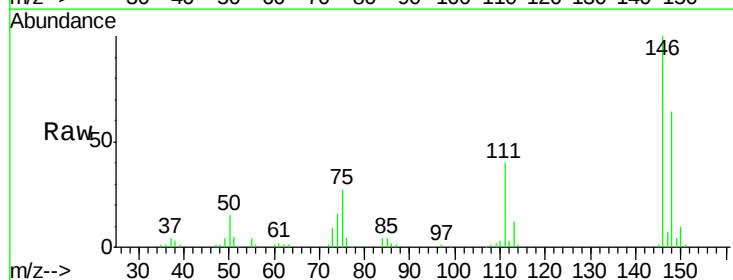
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03-S-UM

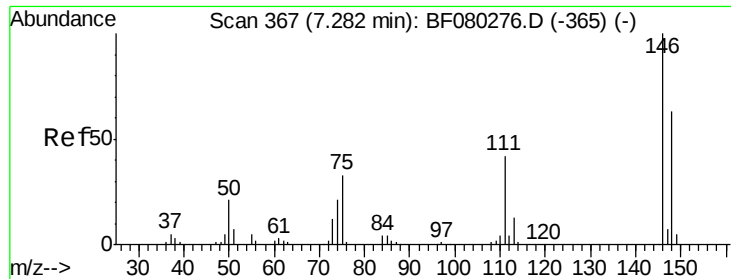
Tgt Ion: 93 Resp: 80640
 Ion Ratio Lower Upper
 93 100
 63 89.8 61.0 101.0
 95 31.2 12.0 52.0



#12
 1,3-Dichlorobenzene
 Concen: 38.07 ng
 RT: 7.18 min Scan# 446
 Delta R.T. 0.00 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

Tgt Ion: 146 Resp: 104542
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.8 77.6
 75 27.5 19.4 29.2

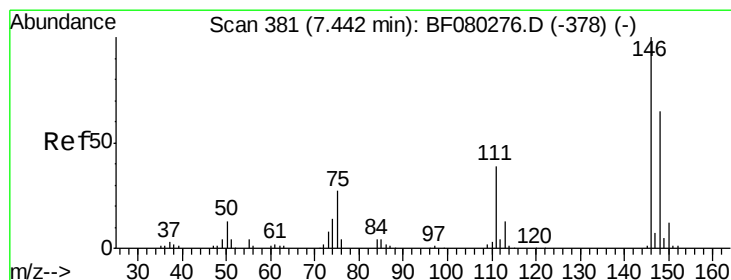
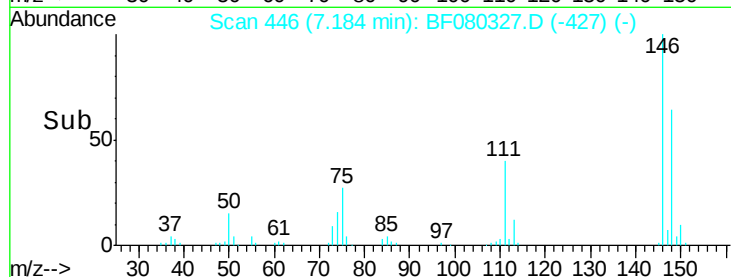
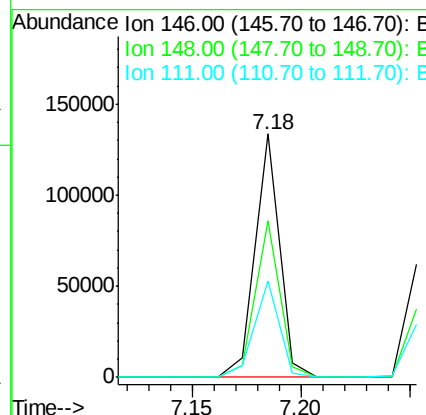
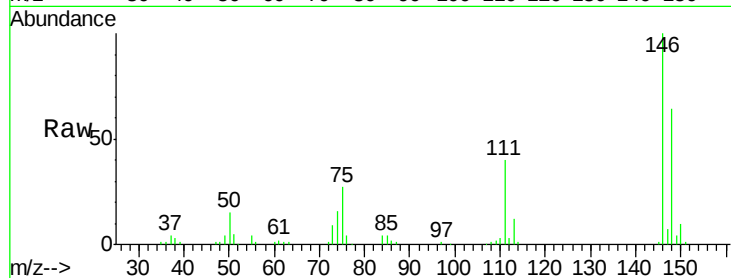




#13
 1,4-Dichlorobenzene
 Concen: 38.24 ng
 RT: 7.18 min Scan# 446
 Delta R.T. -0.08 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

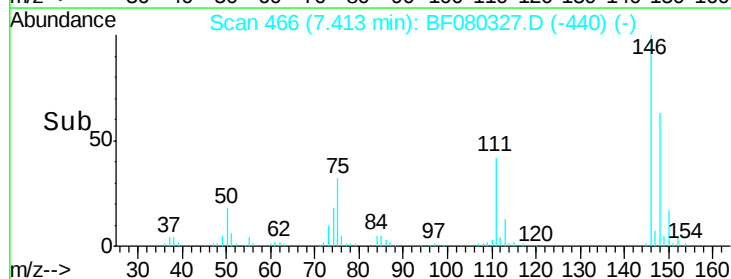
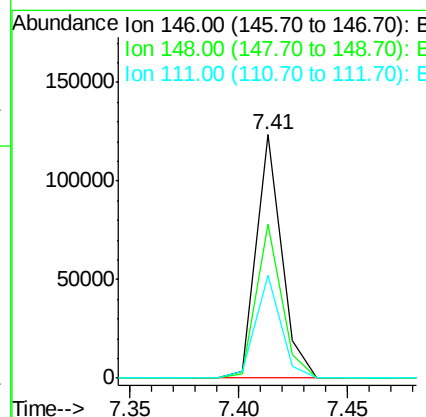
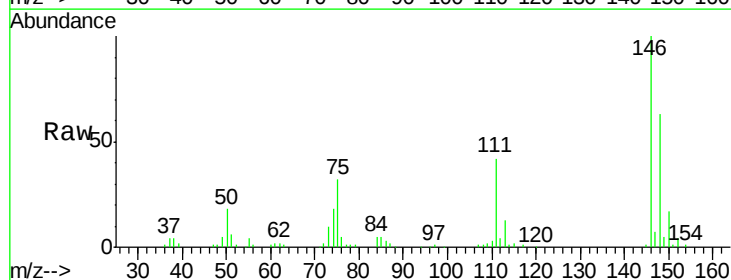
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03-S-UM

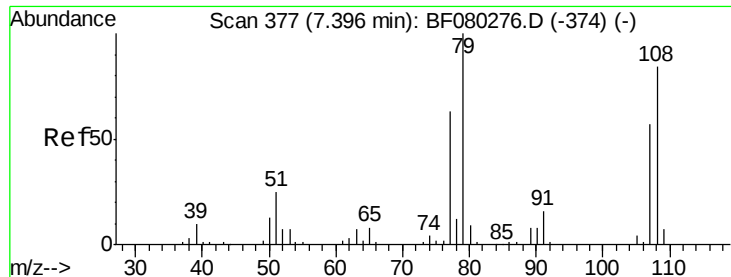
Tgt Ion:146 Resp: 104542
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.2 75.2
 111 39.7 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 36.76 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

Tgt Ion:146 Resp: 99853
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.2 78.4
 111 42.2 31.6 47.4





#15

Benzyl Alcohol

Concen: 37.32 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF080327.D

Acq: 3 Jul 2015 6:35

Instrument :

BNA_F

ClientSampleId :

IDOC-03-S-UM

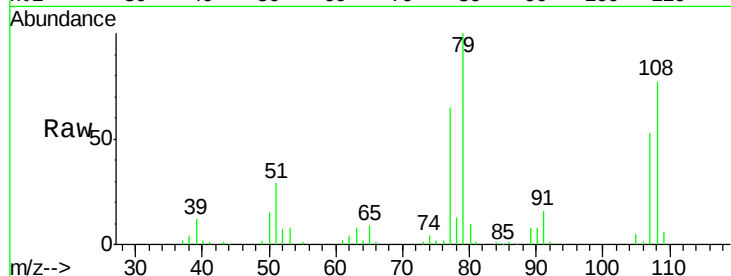
Tgt Ion: 79 Resp: 78972

Ion Ratio Lower Upper

79 100

108 77.1 67.1 100.7

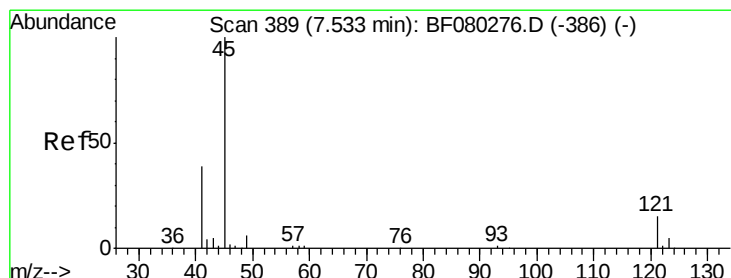
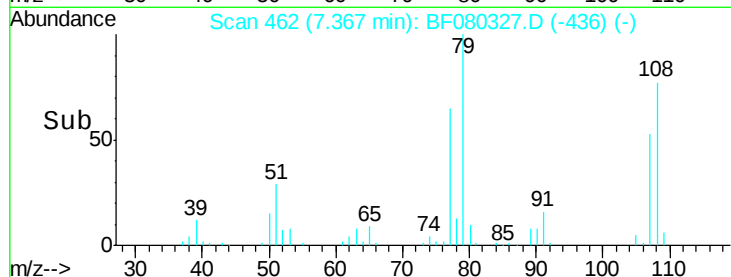
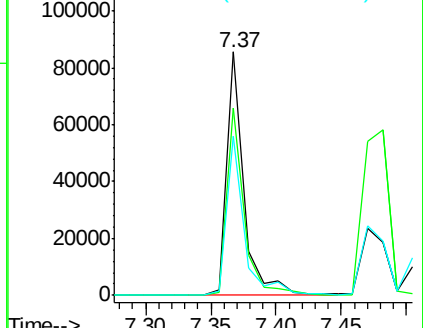
77 65.5 50.7 76.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.79 ng

RT: 7.50 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF080327.D

Acq: 3 Jul 2015 6:35

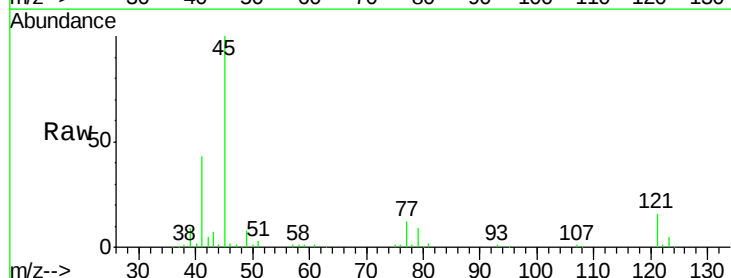
Tgt Ion: 45 Resp: 129816

Ion Ratio Lower Upper

45 100

77 12.2 0.0 32.0

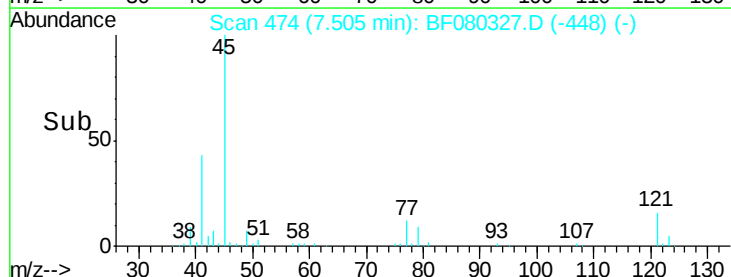
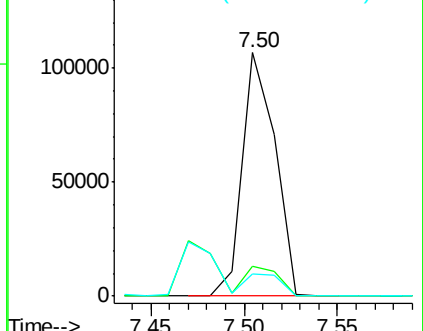
79 9.3 0.0 29.3

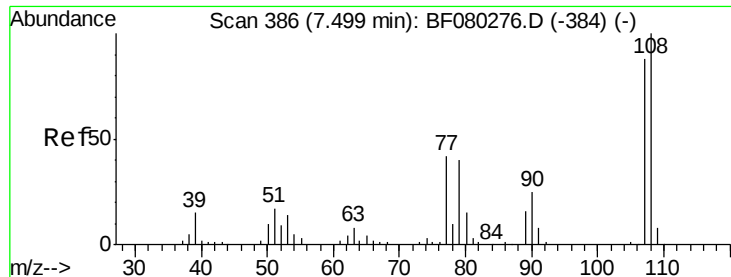


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

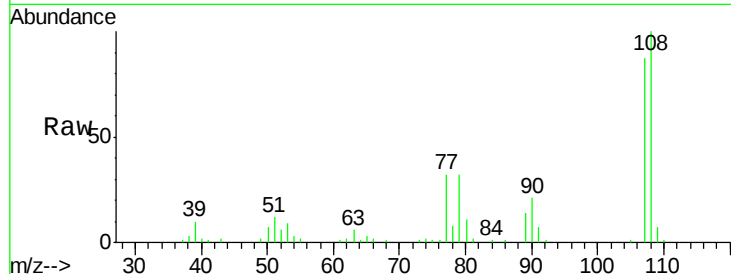




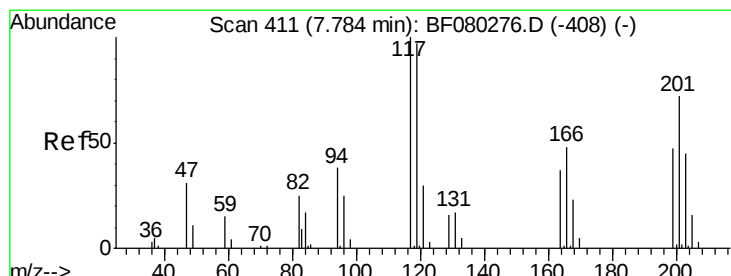
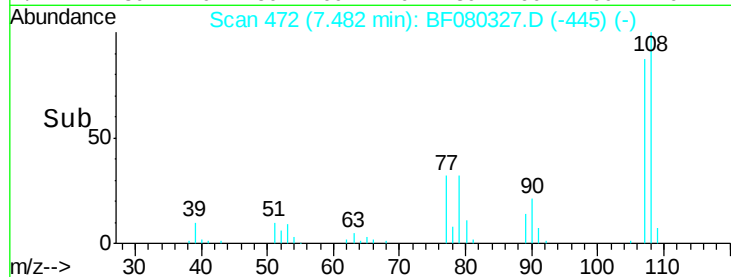
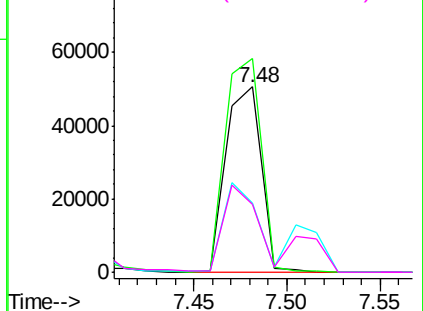
#17
2-Methylphenol
Concen: 34.64 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.01 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

Instrument :
BNA_F
ClientSampleId :
IDOC-03-S-UM

Tgt Ion:107 Resp: 67355
Ion Ratio Lower Upper
107 100
108 115.1 90.6 136.0
77 37.3 38.0 57.0#
79 36.6 36.4 54.6

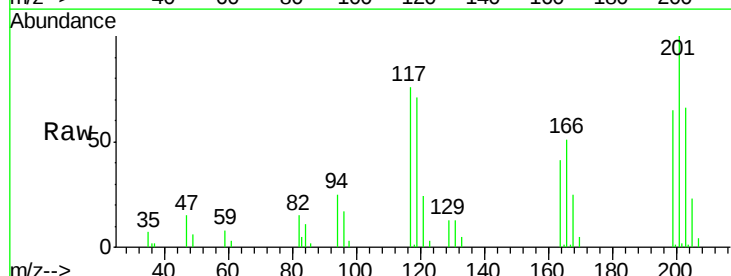


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

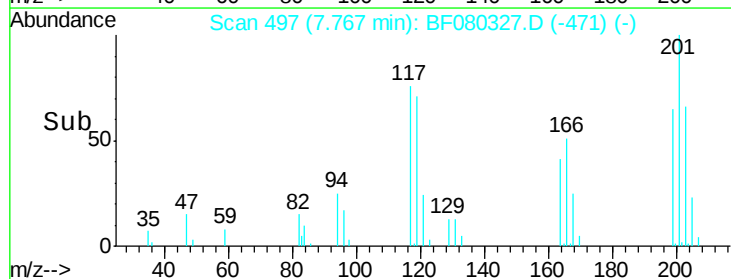
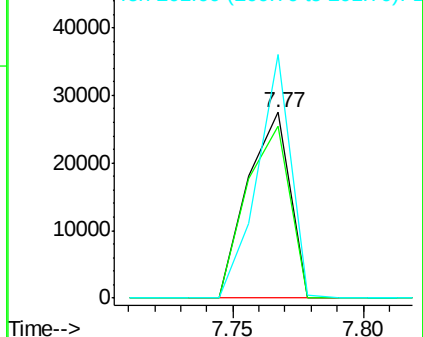


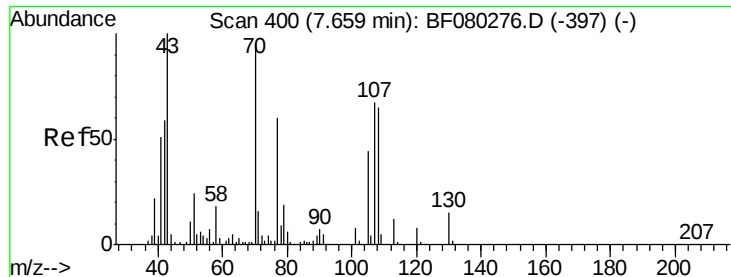
#18
Hexachloroethane
Concen: 36.66 ng
RT: 7.77 min Scan# 497
Delta R.T. 0.00 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

Tgt Ion:117 Resp: 31289
Ion Ratio Lower Upper
117 100
119 92.8 77.3 115.9
201 131.1 57.5 86.3#



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

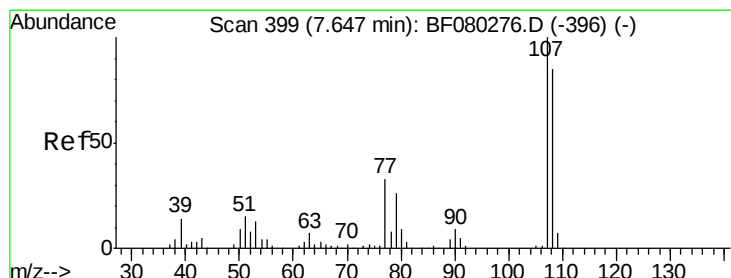
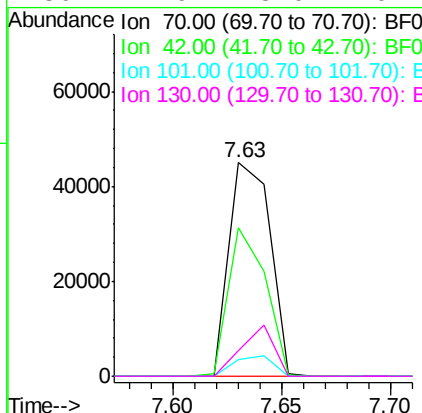
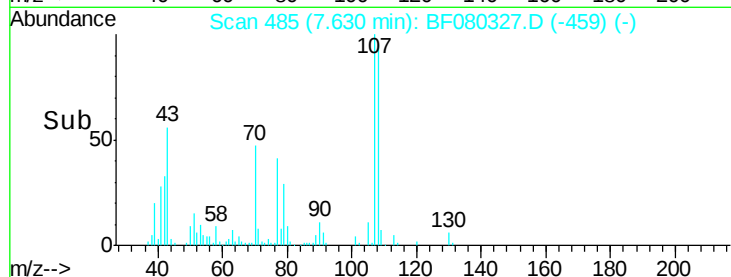
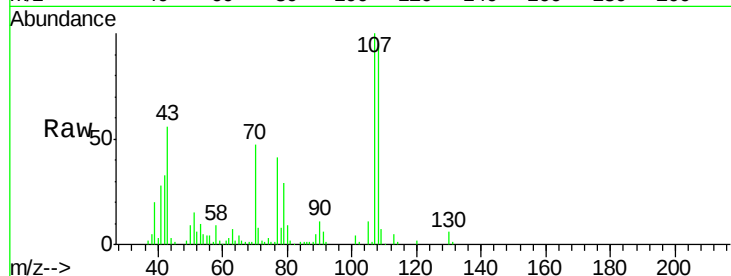




#19
n-Nitroso-di-n-propylamine
Concen: 32.23 ng
RT: 7.63 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

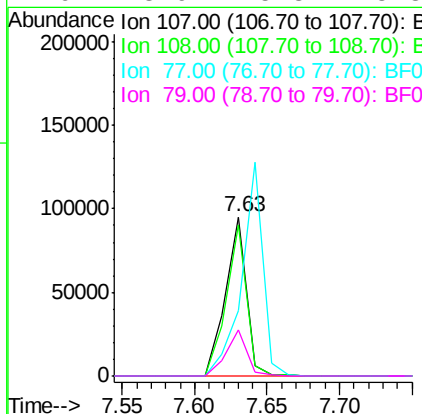
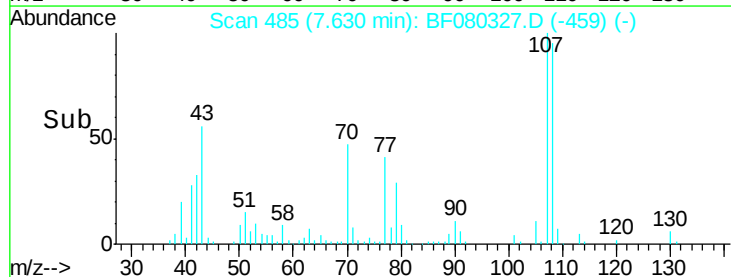
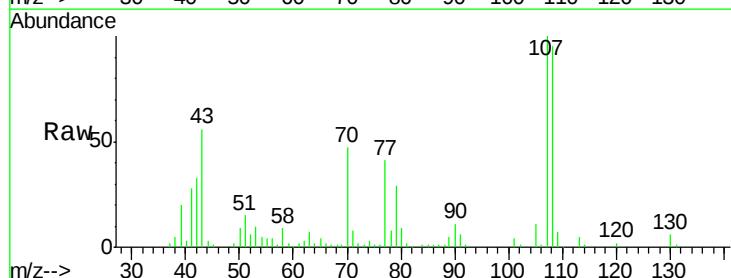
Instrument :
BNA_F
ClientSampleId :
IDOC-03-S-UM

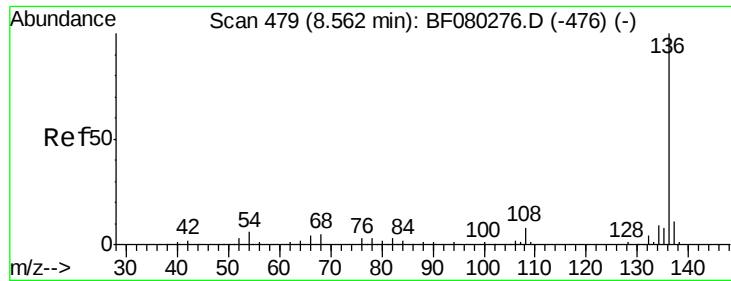
Tgt Ion: 70 Resp: 58903
Ion Ratio Lower Upper
70 100
42 69.7 49.8 74.8
101 7.8 6.8 10.2
130 11.9 13.0 19.4#



#20
3+4-Methylphenols
Concen: 37.05 ng
RT: 7.63 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

Tgt Ion: 107 Resp: 95698
Ion Ratio Lower Upper
107 100
108 95.4 64.9 104.9
77 41.1 12.9 52.9
79 28.9 5.8 45.8

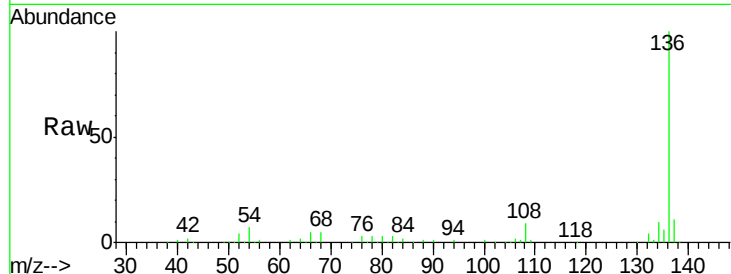




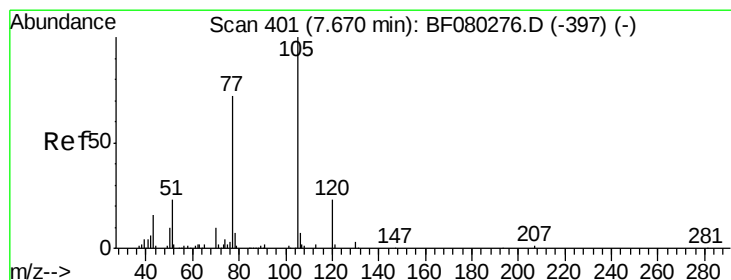
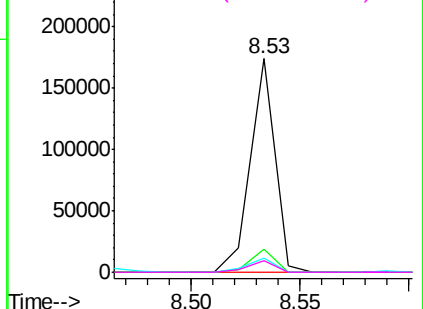
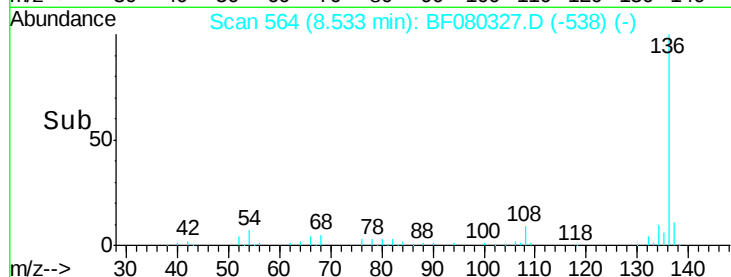
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.53 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

Instrument :
BNA_F
ClientSampleId :
IDOC-03-S-UM

Tgt Ion:	136	Resp:	136250
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	6.9	4.9	7.3
68	5.3	4.0	6.0

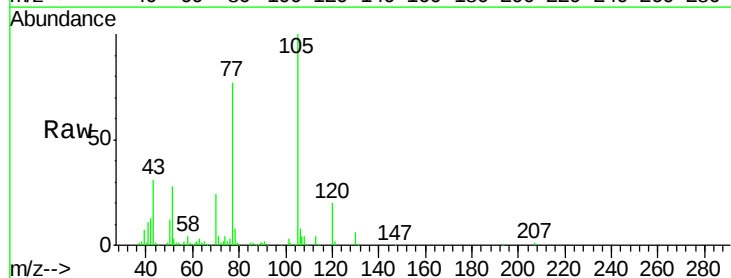


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

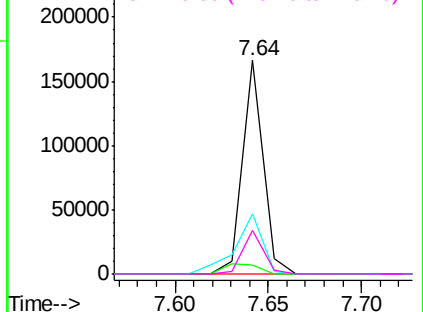
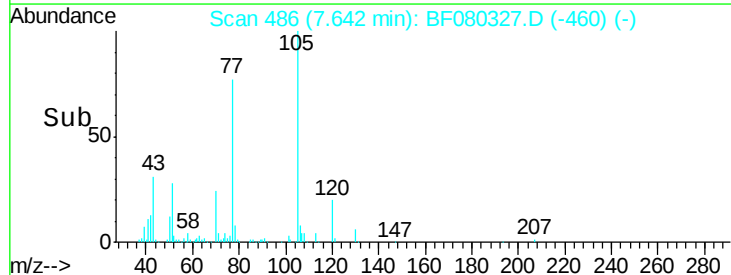


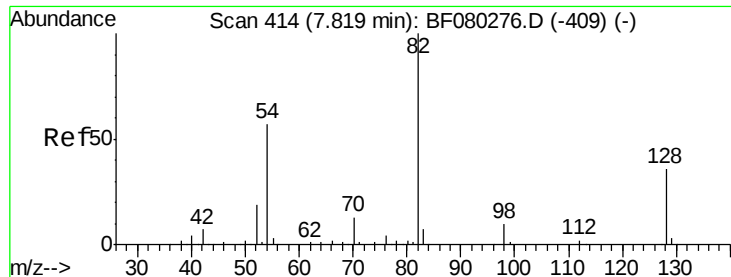
#22
Acetophenone
Concen: 40.81 ng
RT: 7.64 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

Tgt Ion:	105	Resp:	129920
Ion	Ratio	Lower	Upper
105	100		
71	4.1	1.4	2.0#
51	28.2	18.5	27.7#
120	20.1	18.1	27.1



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

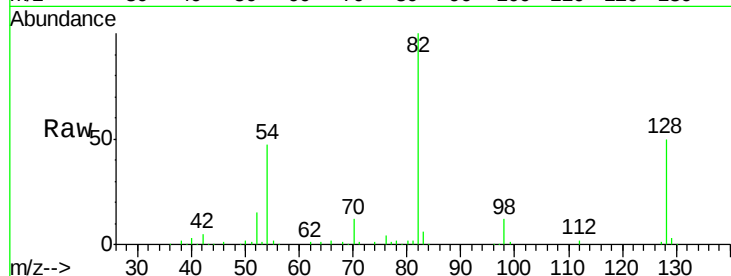




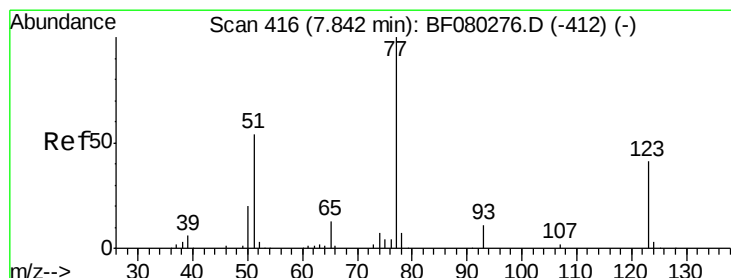
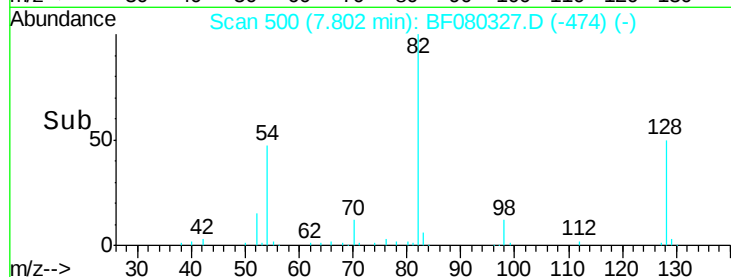
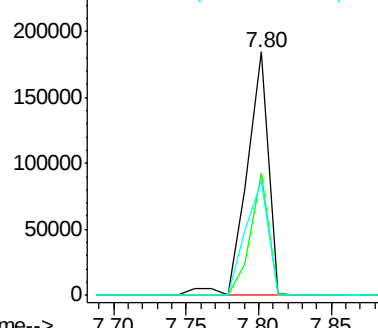
#23
 Nitrobenzene-d5
 Concen: 76.50 ng
 RT: 7.80 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03-S-UM

Tgt Ion	Ratio	Lower	Upper
82	100		
128	50.3	29.0	43.4#
54	46.9	45.3	67.9

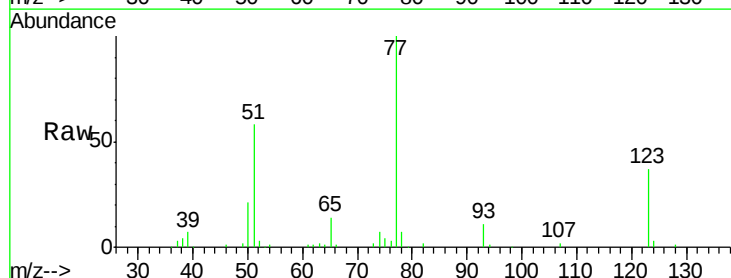


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

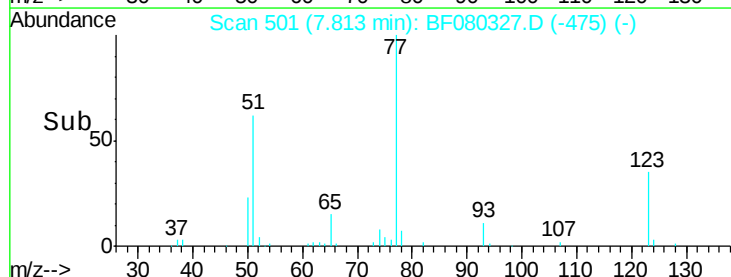
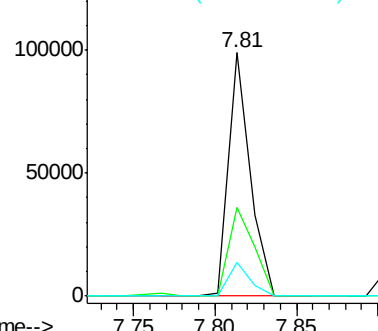


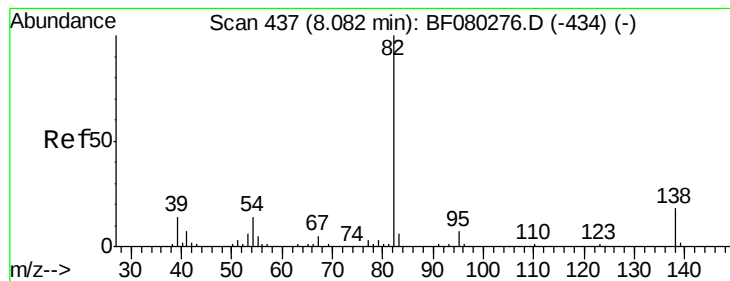
#24
 Nitrobenzene
 Concen: 35.89 ng
 RT: 7.81 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.6	33.0	49.6
65	13.7	10.6	15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 36.40 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF080327.D

Acq: 3 Jul 2015 6:35

Instrument :

BNA_F

ClientSampleId :

IDOC-03-S-UM

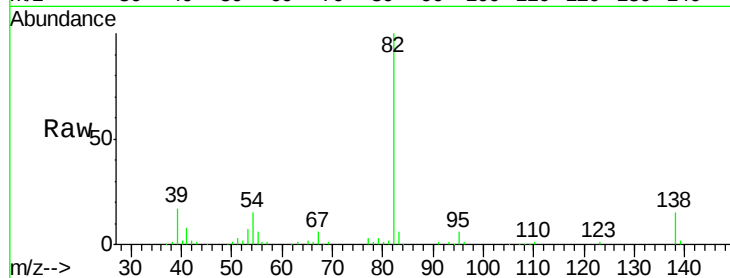
Tgt Ion: 82 Resp: 175071

Ion Ratio Lower Upper

82 100

95 6.2 5.3 7.9

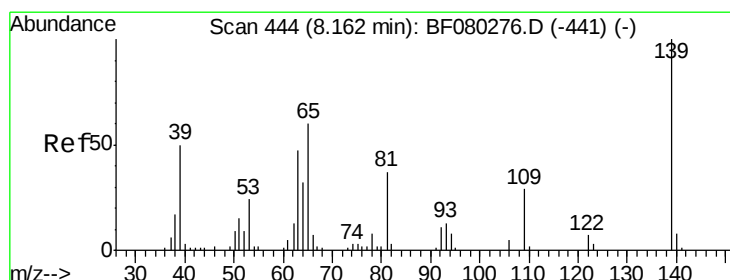
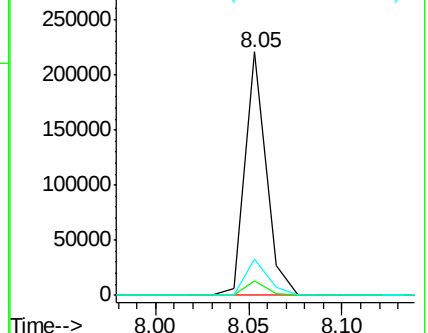
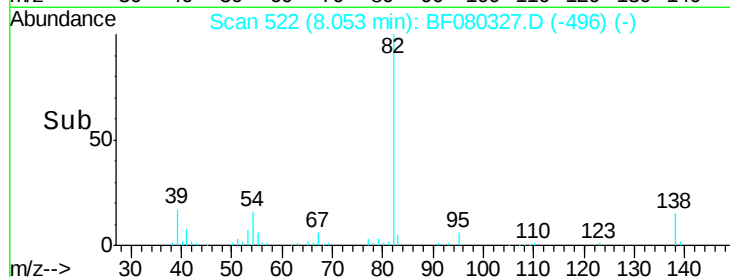
138 14.6 14.4 21.6



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: 36.01 ng

RT: 8.14 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF080327.D

Acq: 3 Jul 2015 6:35

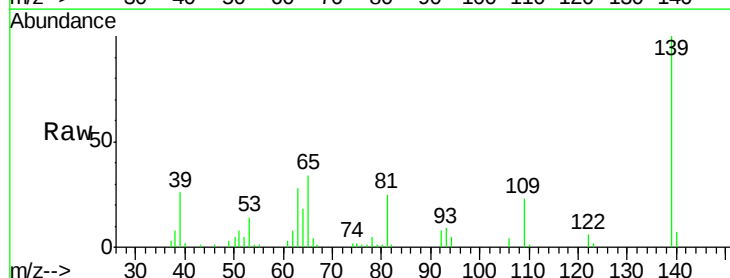
Tgt Ion: 139 Resp: 40346

Ion Ratio Lower Upper

139 100

109 22.6 23.1 34.7#

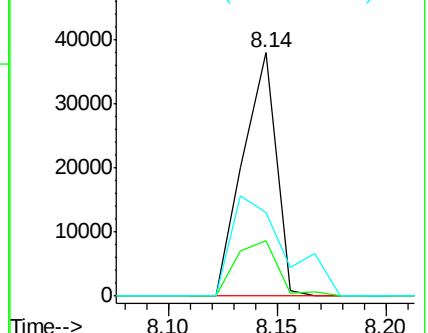
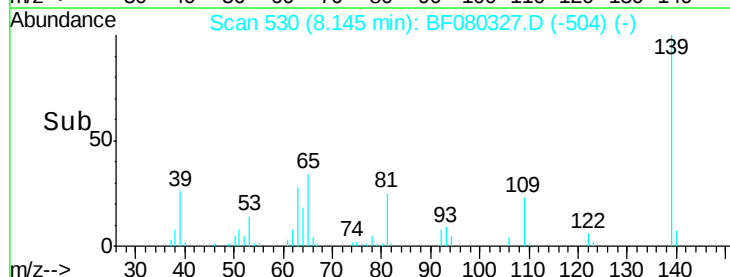
65 34.2 47.6 71.4#

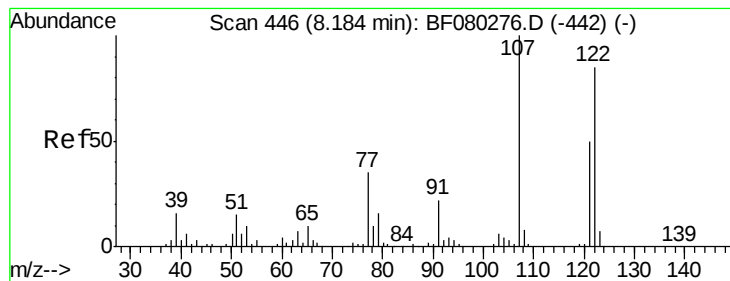


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 38.88 ng

RT: 8.17 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF080327.D

Acq: 3 Jul 2015 6:35

Instrument :

BNA_F

ClientSampleId :

IDOC-03-S-UM

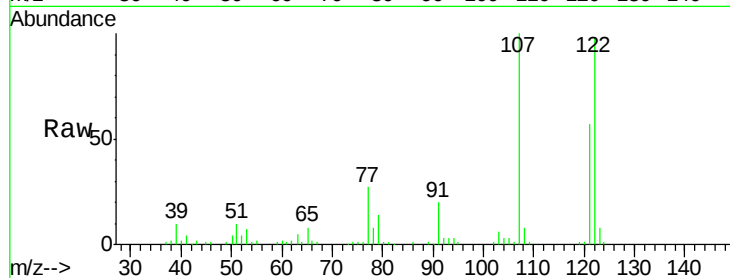
Tgt Ion:122 Resp: 79969

Ion Ratio Lower Upper

122 100

107 102.3 93.7 140.5

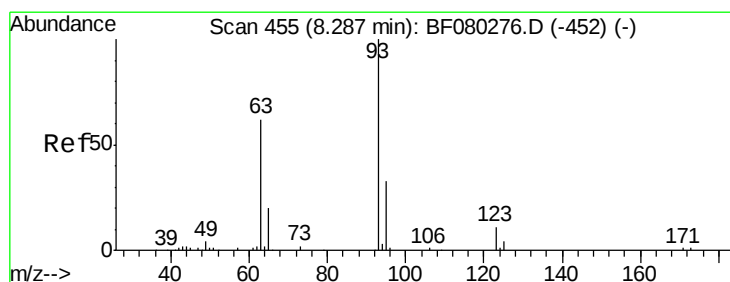
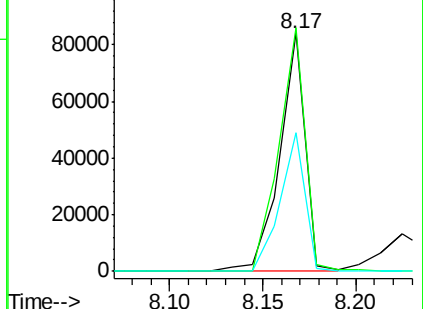
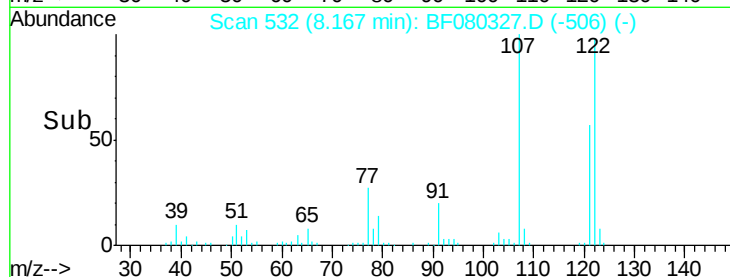
121 58.1 46.9 70.3



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: 38.64 ng

RT: 8.26 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF080327.D

Acq: 3 Jul 2015 6:35

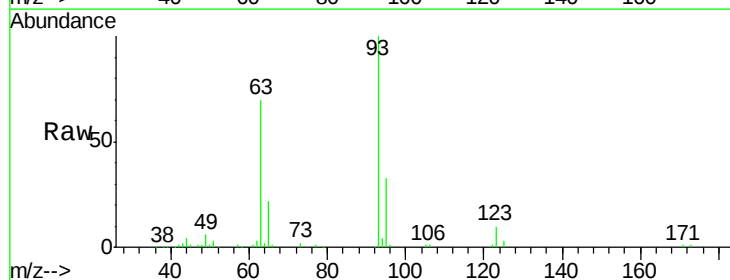
Tgt Ion: 93 Resp: 111541

Ion Ratio Lower Upper

93 100

95 32.7 26.6 39.8

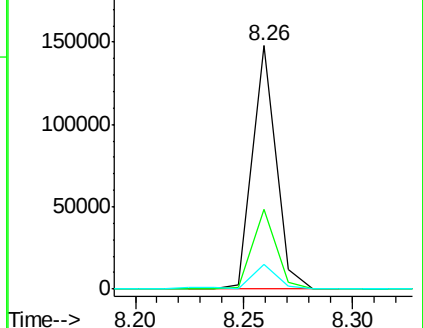
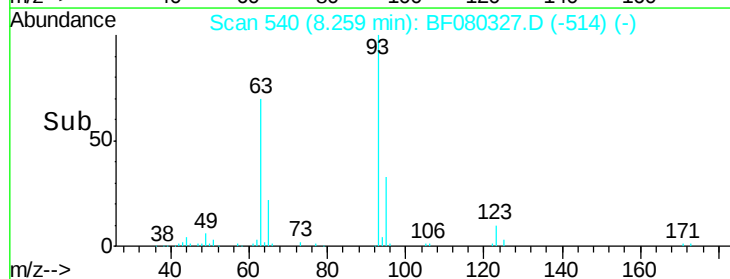
123 10.3 9.2 13.8

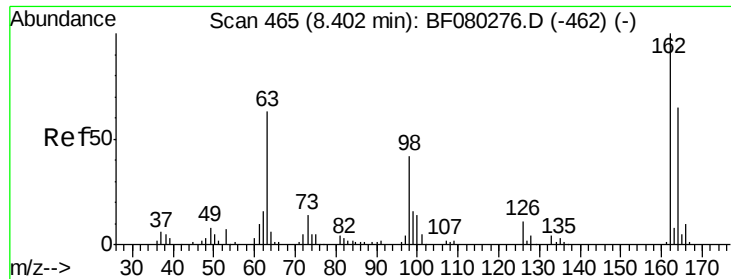


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

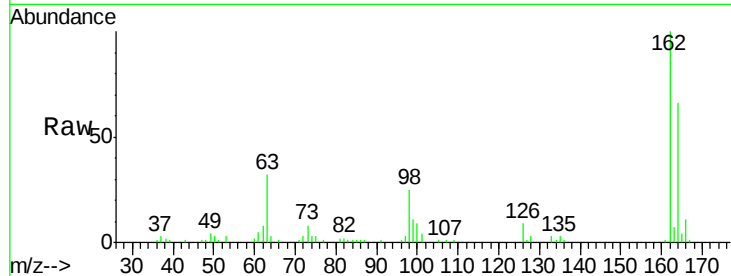




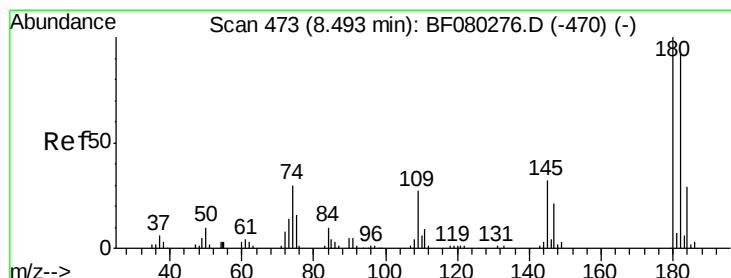
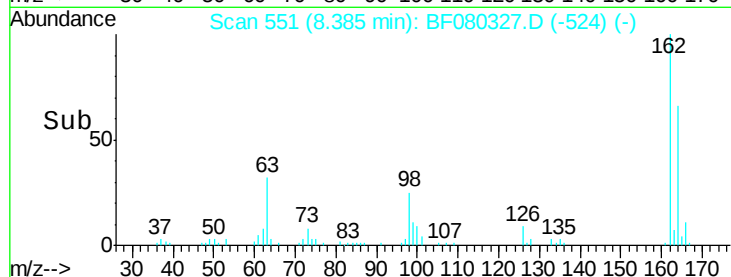
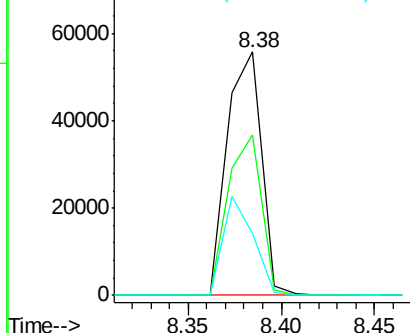
#29
 2,4-Dichlorophenol
 Concen: 37.77 ng
 RT: 8.38 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03-S-UM

Tgt Ion:162 Resp: 71766
 Ion Ratio Lower Upper
 162 100
 164 65.9 44.6 84.6
 98 25.4 21.7 61.7

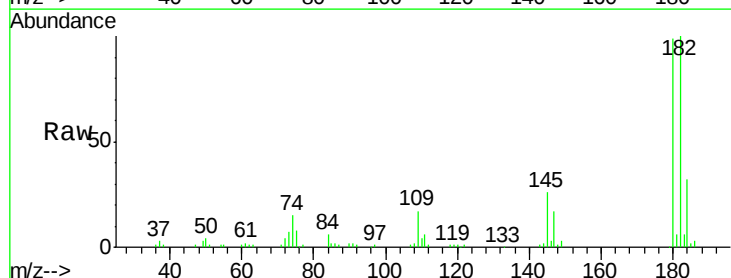


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

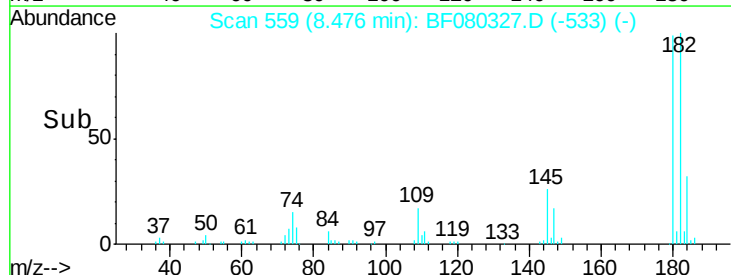
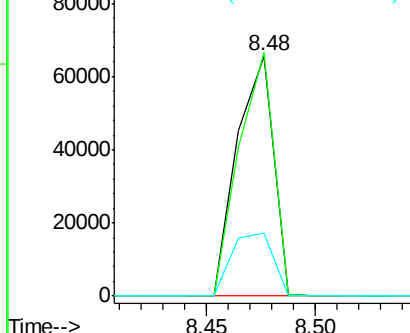


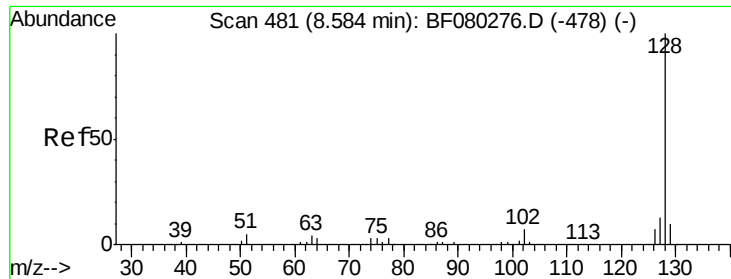
#30
 1,2,4-Trichlorobenzene
 Concen: 34.50 ng
 RT: 8.48 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

Tgt Ion:180 Resp: 76470
 Ion Ratio Lower Upper
 180 100
 182 101.4 73.8 110.6
 145 26.2 25.6 38.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

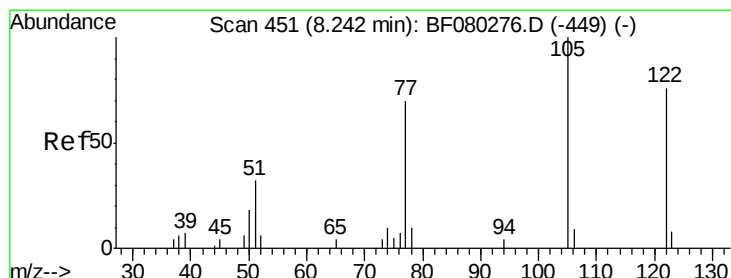
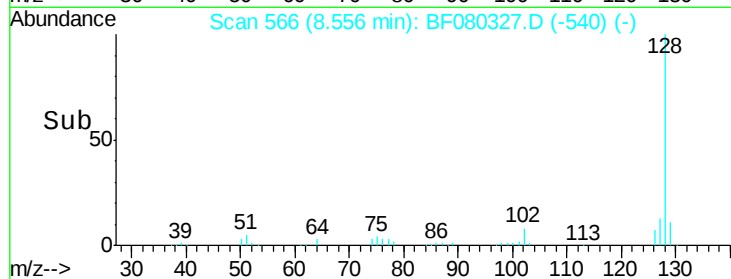
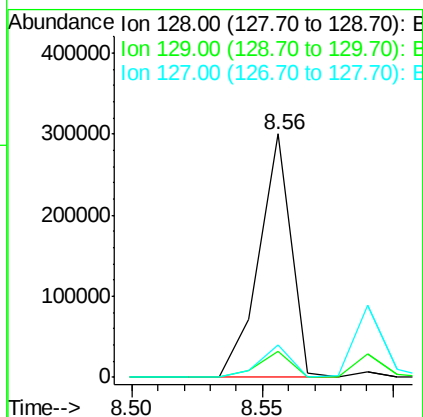
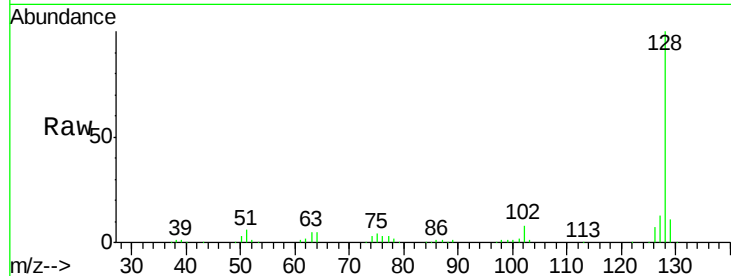




#31
Naphthalene
Concen: 37.31 ng
RT: 8.56 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

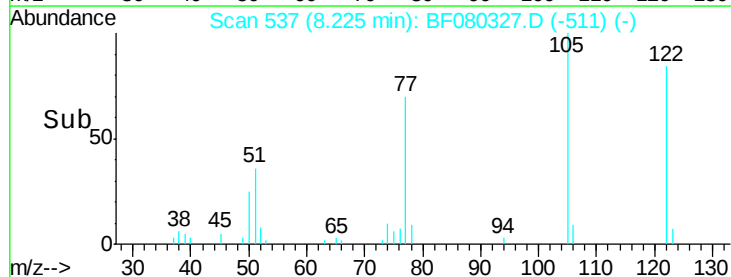
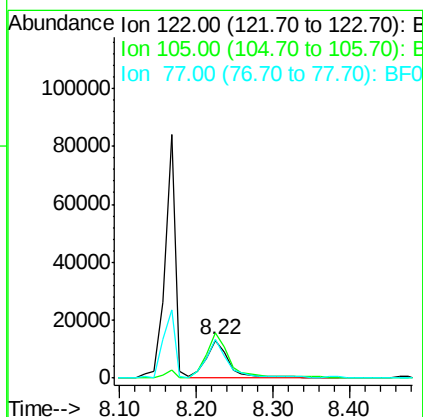
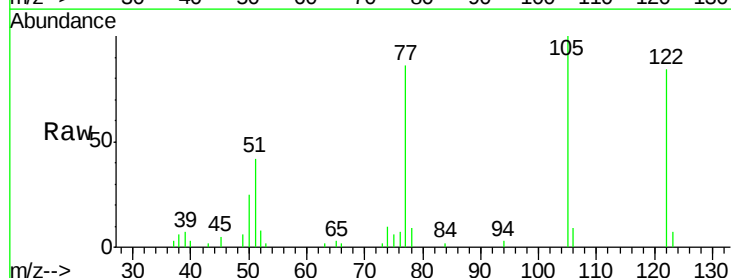
Instrument :
BNA_F
ClientSampleId :
IDOC-03-S-UM

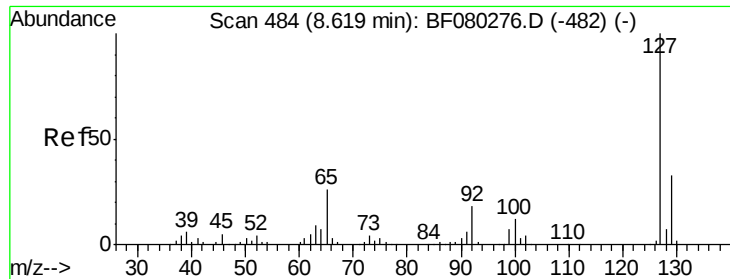
Tgt Ion:128 Resp: 258985
Ion Ratio Lower Upper
128 100
129 10.9 8.2 12.4
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 58.81 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

Tgt Ion:122 Resp: 27684
Ion Ratio Lower Upper
122 100
105 119.7 103.3 143.3
77 103.4 71.5 111.5

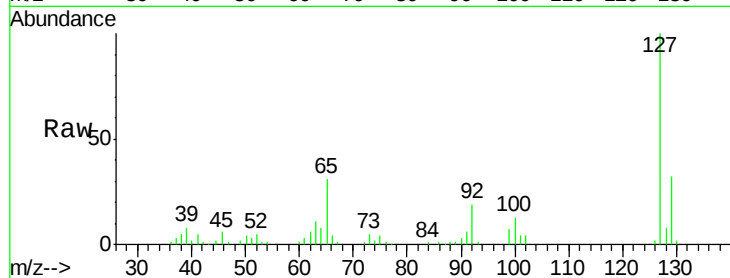




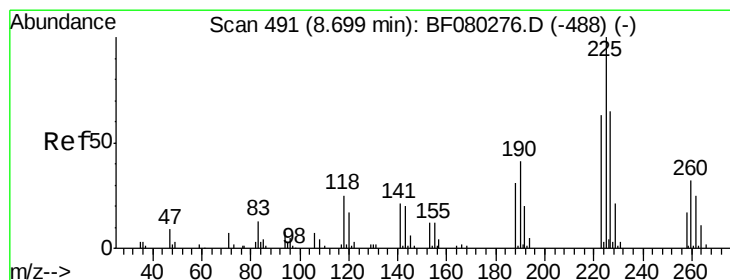
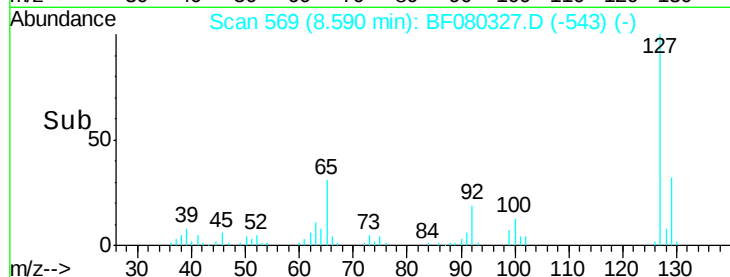
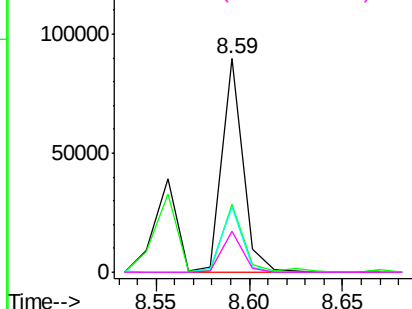
#33
 4-Chloroaniline
 Concen: 24.06 ng
 RT: 8.59 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03-S-UM

Tgt Ion:	127	Resp:	70863
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.4	39.6
65	30.8	21.0	31.6
92	19.4	14.1	21.1

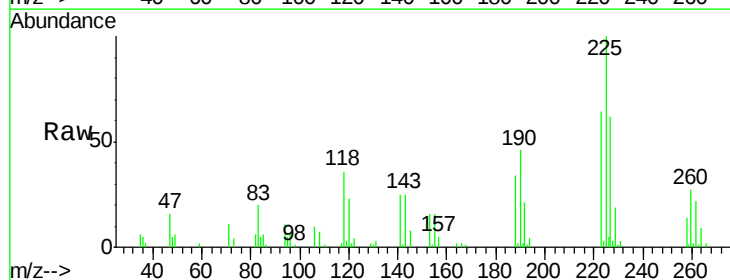


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

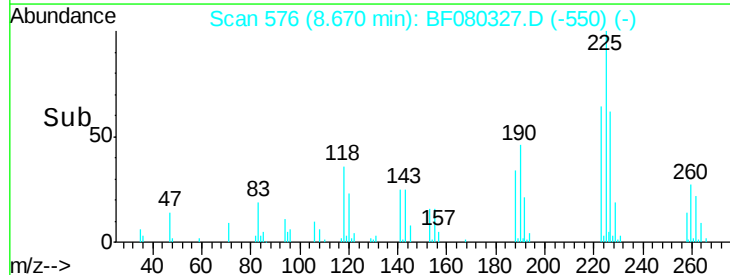
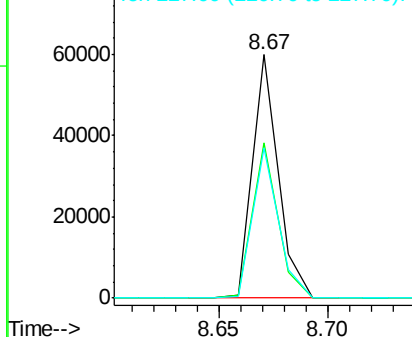


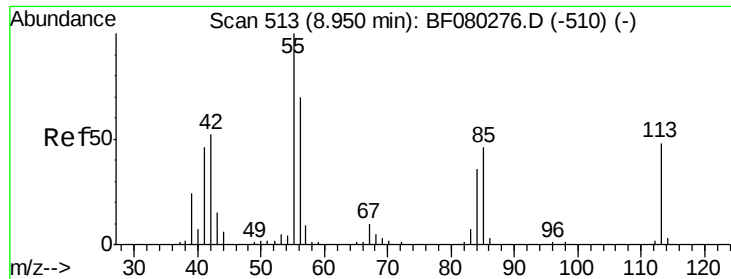
#34
 Hexachlorobutadiene
 Concen: 35.21 ng
 RT: 8.67 min Scan# 576
 Delta R.T. 0.00 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

Tgt Ion:	225	Resp:	49151
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.5	75.7
227	61.8	51.8	77.8



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

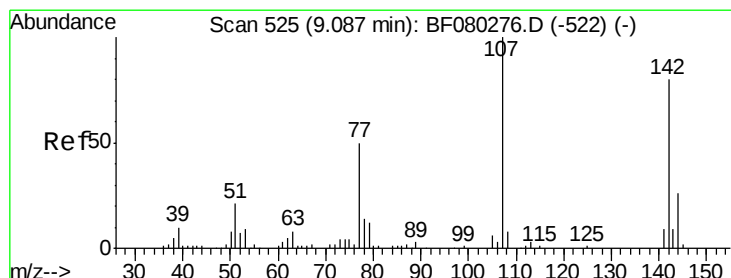
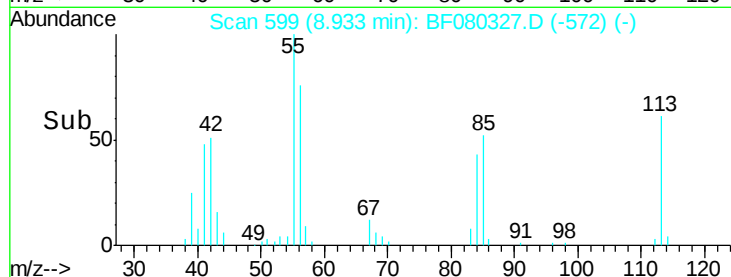
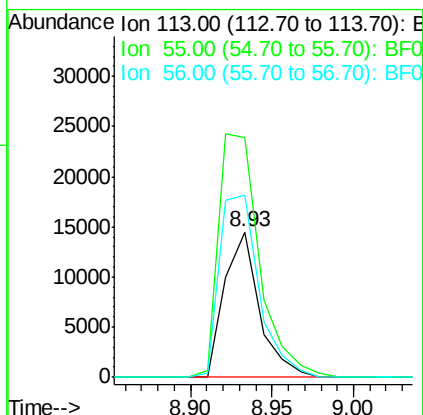
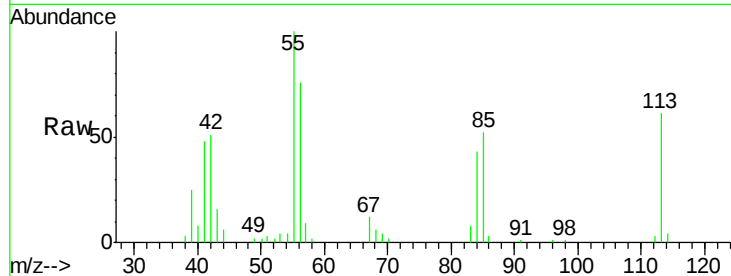




#35
 Caprolactam
 Concen: 36.82 ng
 RT: 8.93 min Scan# 599
 Delta R.T. 0.01 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

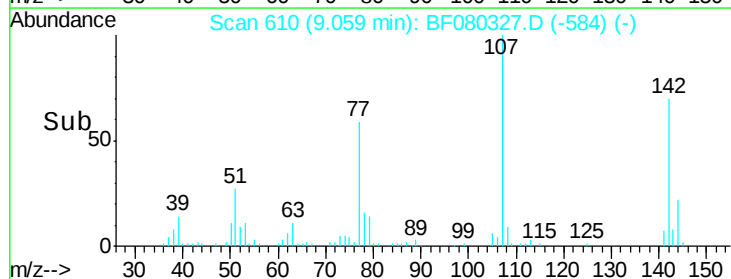
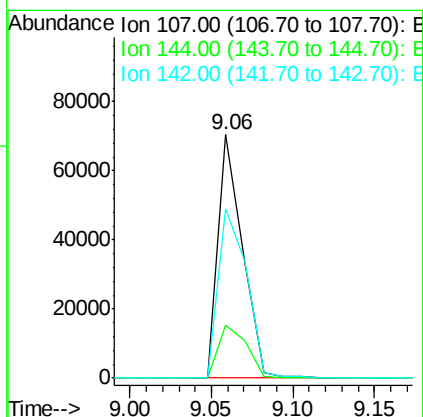
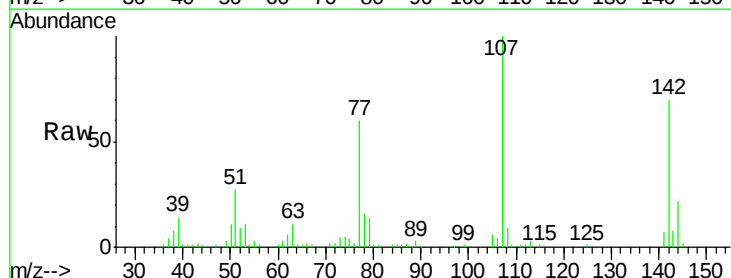
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03-S-UM

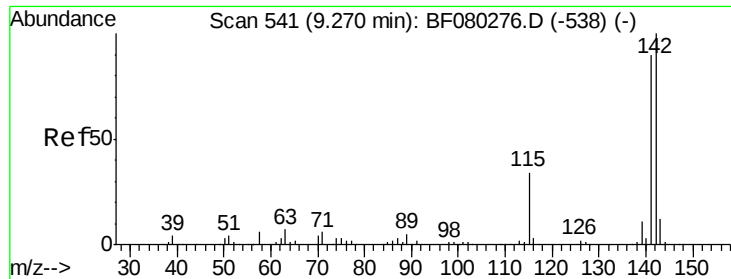
Tgt Ion:113 Resp: 21227
 Ion Ratio Lower Upper
 113 100
 55 165.1 189.7 229.7#
 56 125.2 127.2 167.2#



#36
 4-Chloro-3-methylphenol
 Concen: 35.52 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

Tgt Ion:107 Resp: 73058
 Ion Ratio Lower Upper
 107 100
 144 22.0 20.4 30.6
 142 69.7 63.8 95.6

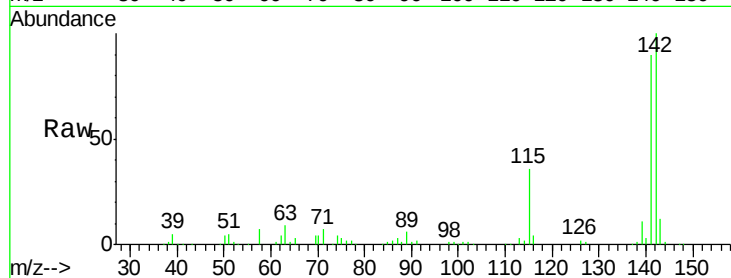




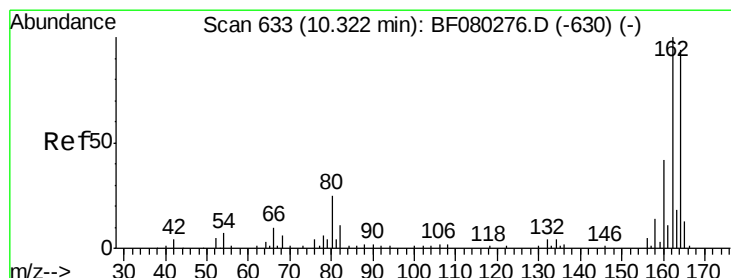
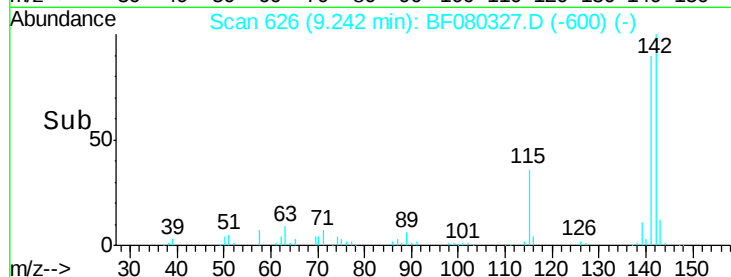
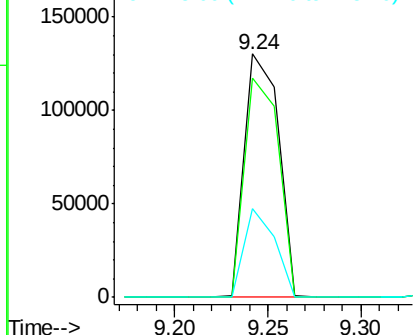
#37
 2-Methylnaphthalene
 Concen: 35.29 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03-S-UM

Tgt Ion:142 Resp: 167726
 Ion Ratio Lower Upper
 142 100
 141 90.1 71.8 107.6
 115 36.3 27.4 41.2

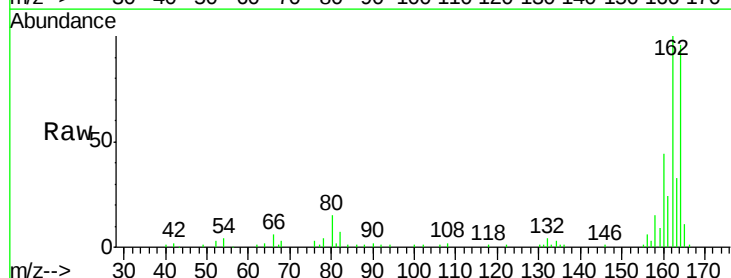


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

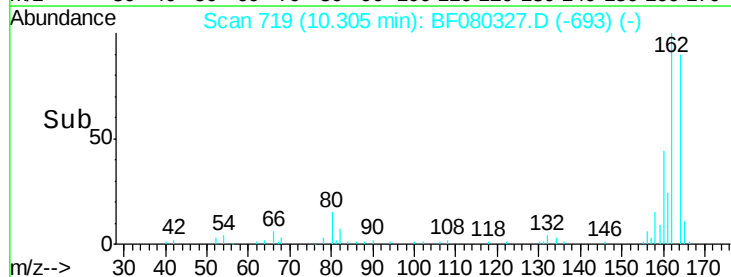
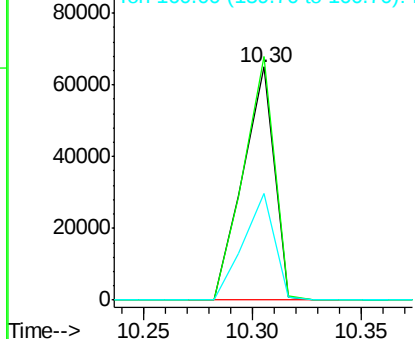


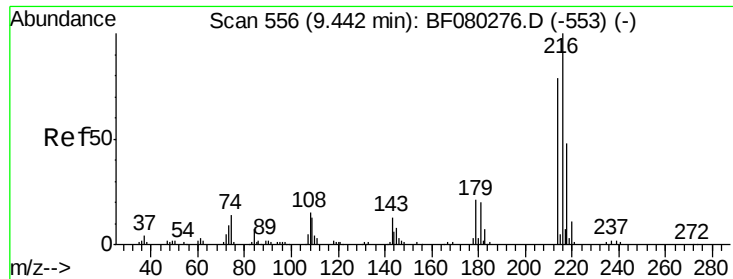
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.30 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

Tgt Ion:164 Resp: 64877
 Ion Ratio Lower Upper
 164 100
 162 104.5 84.8 127.2
 160 46.0 35.8 53.8



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

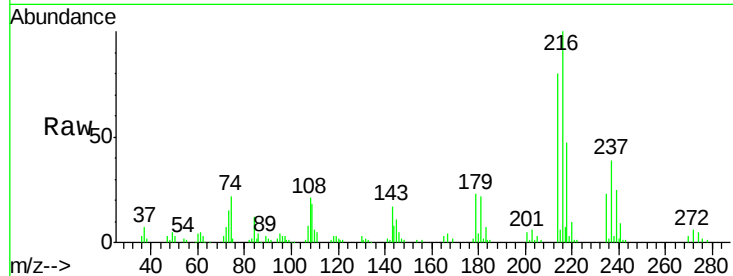




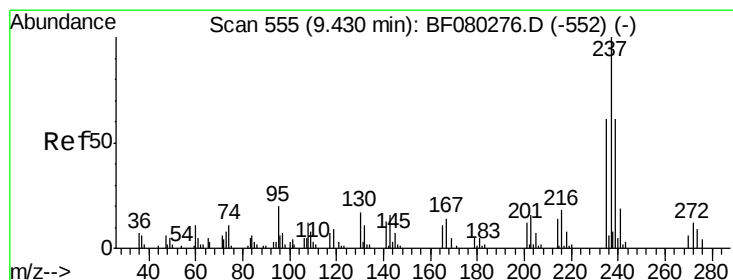
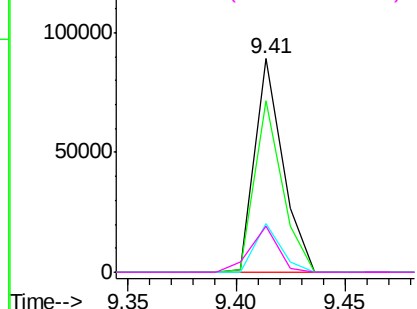
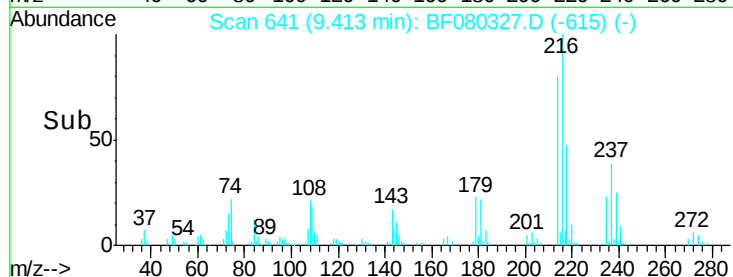
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.08 ng
 RT: 9.41 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03-S-UM

Tgt Ion:216 Resp: 80057
 Ion Ratio Lower Upper
 216 100
 214 78.7 63.0 94.6
 179 21.0 16.8 25.2
 108 21.3 13.8 20.8#

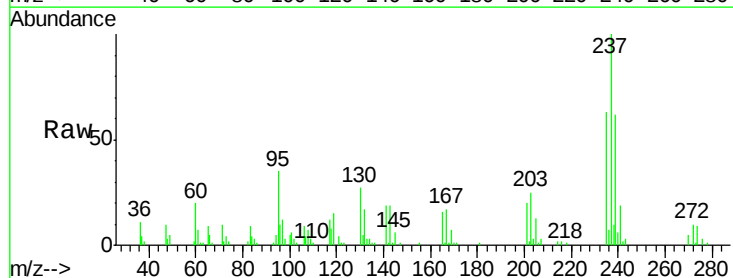


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

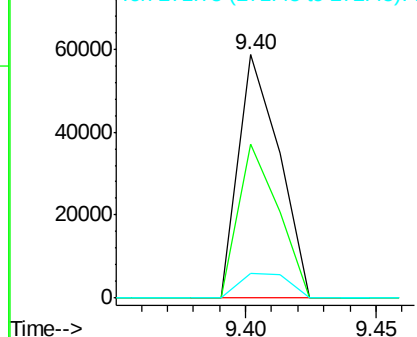
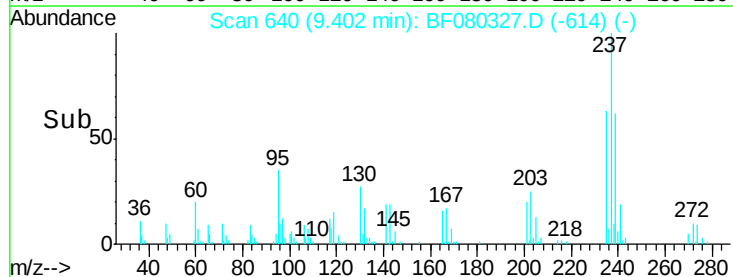


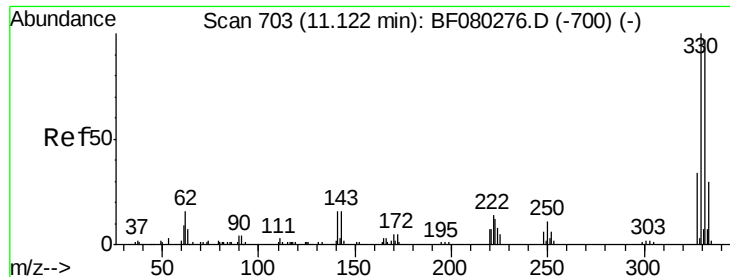
#40
 Hexachlorocyclopentadiene
 Concen: 75.91 ng
 RT: 9.40 min Scan# 640
 Delta R.T. 0.00 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

Tgt Ion:237 Resp: 64191
 Ion Ratio Lower Upper
 237 100
 235 63.0 41.3 81.3
 272 10.3 0.0 31.8



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

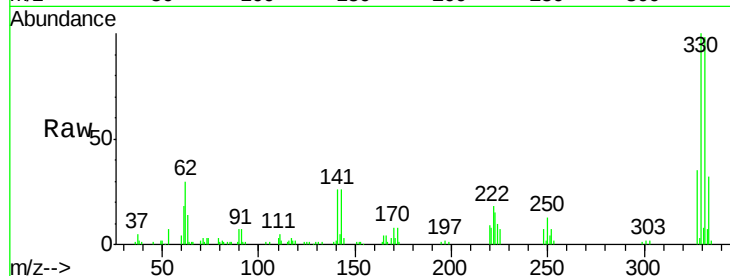




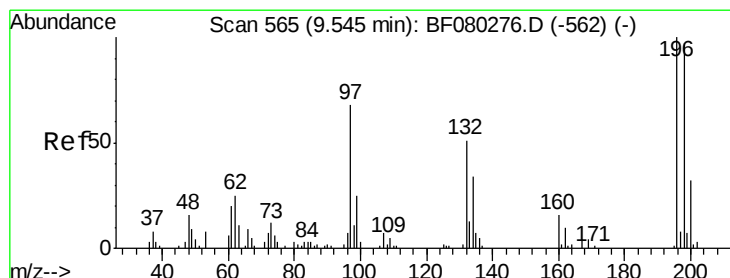
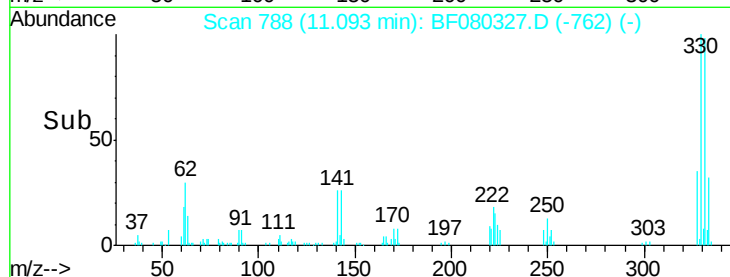
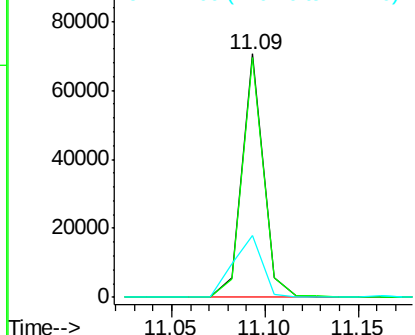
#41
 2,4,6-Tribromophenol
 Concen: 91.81 ng
 RT: 11.09 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03-S-UM

Tgt Ion:330 Resp: 56718
 Ion Ratio Lower Upper
 330 100
 332 98.7 77.4 116.2
 141 34.5 28.0 42.0

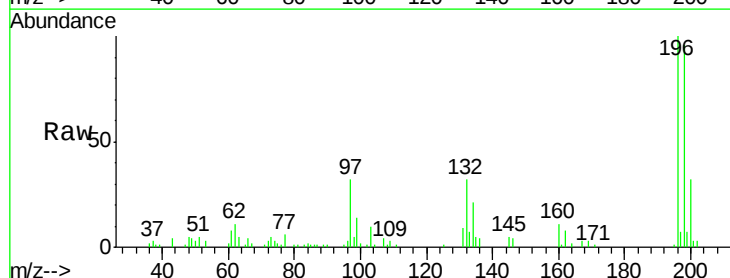


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

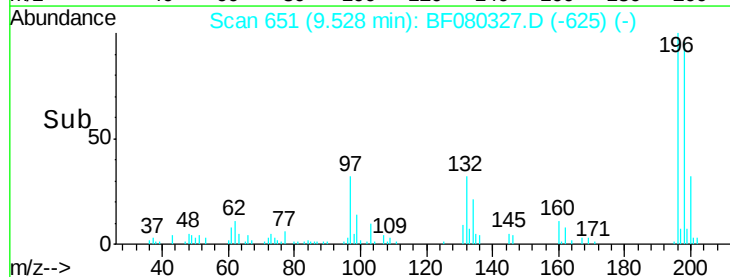
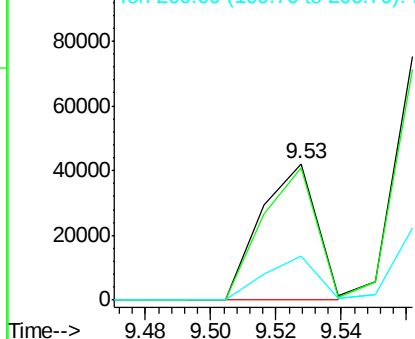


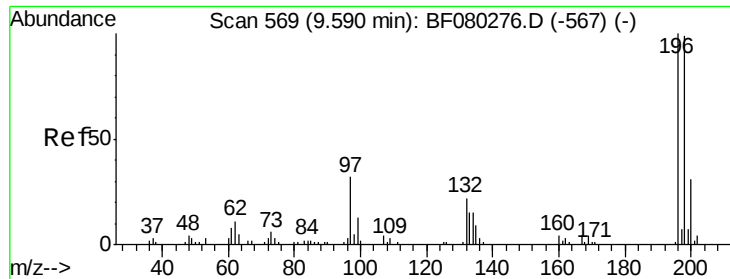
#42
 2,4,6-Trichlorophenol
 Concen: 36.60 ng
 RT: 9.53 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

Tgt Ion:196 Resp: 50022
 Ion Ratio Lower Upper
 196 100
 198 96.4 77.7 116.5
 200 32.0 25.6 38.4



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

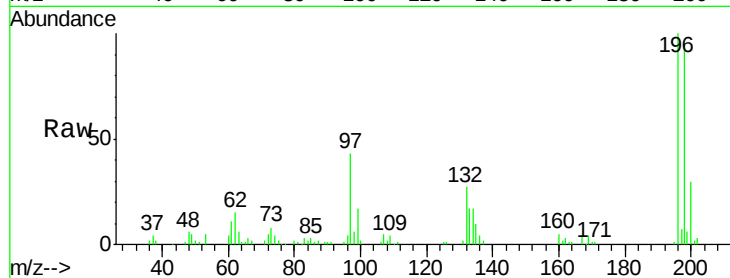




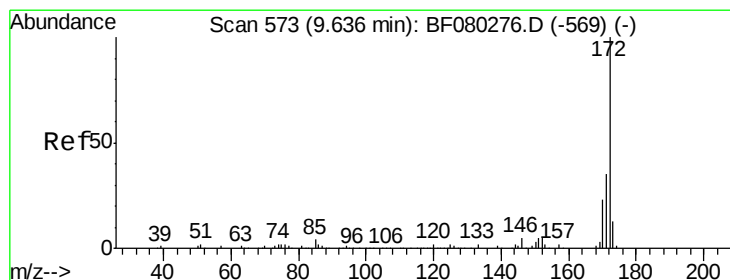
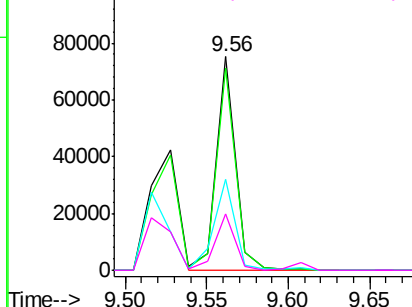
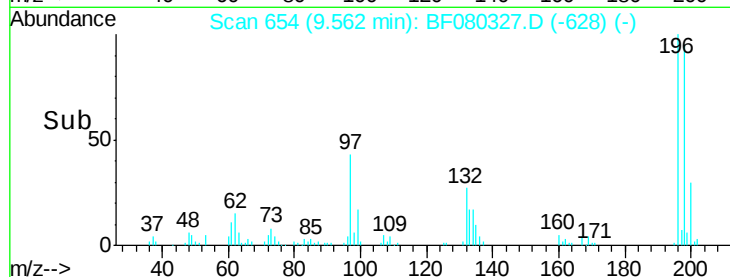
#43
 2,4,5-Trichlorophenol
 Concen: 41.44 ng
 RT: 9.56 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03-S-UM

Tgt Ion:196 Resp: 61011
 Ion Ratio Lower Upper
 196 100
 198 94.7 79.4 119.2
 97 42.8 25.9 38.9#
 132 26.5 17.3 25.9#

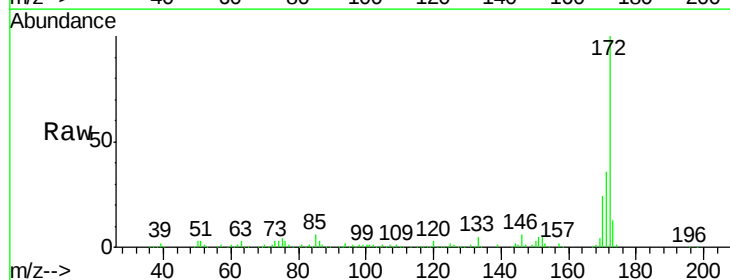


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

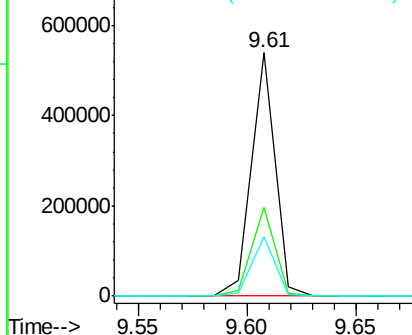
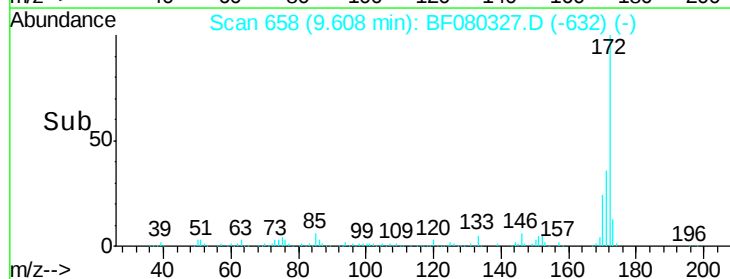


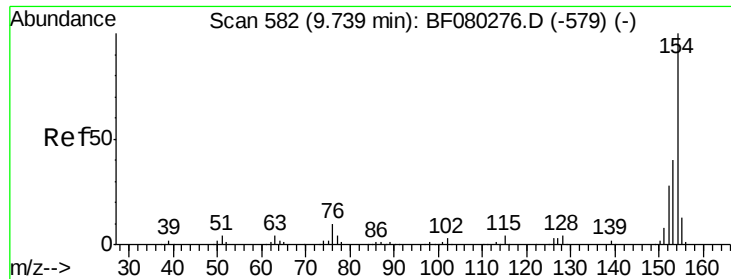
#44
 2-Fluorobiphenyl
 Concen: 90.38 ng
 RT: 9.61 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

Tgt Ion:172 Resp: 407385
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.1 42.1
 170 24.2 18.6 28.0



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

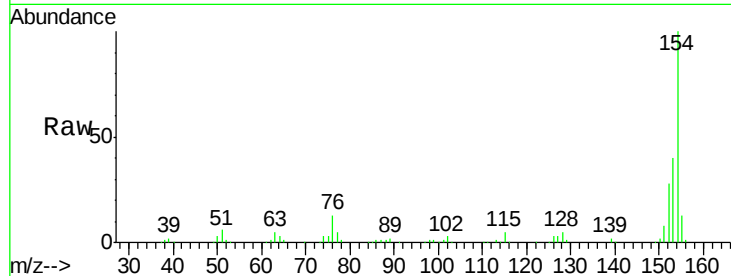




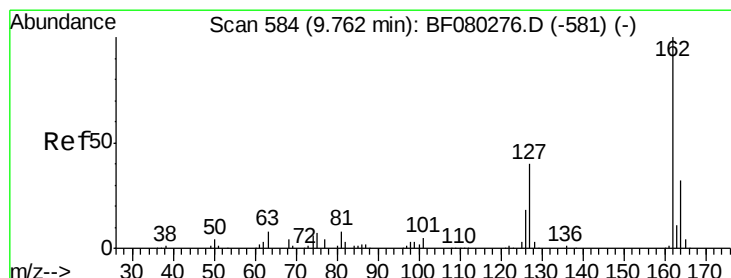
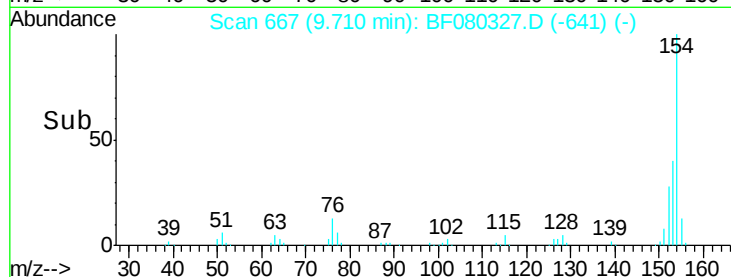
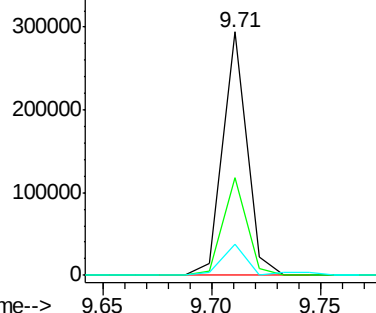
#45
 1,1'-Biphenyl
 Concen: 41.07 ng
 RT: 9.71 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03-S-UM

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.3	60.3
76	12.7	0.0	30.3

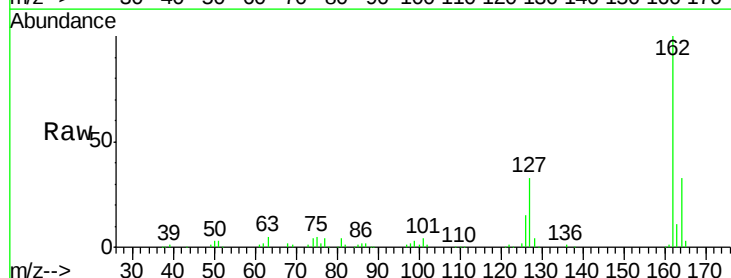


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

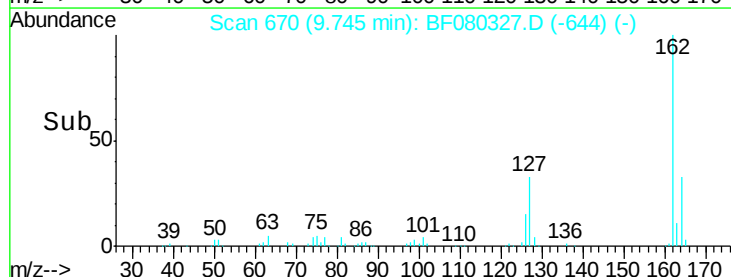
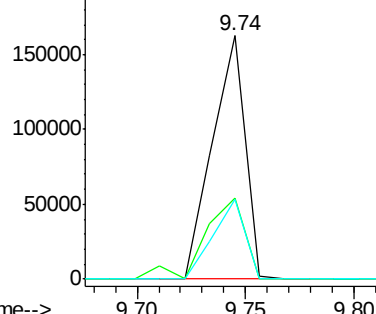


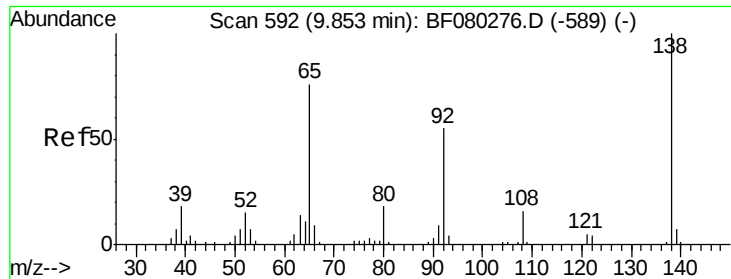
#46
 2-Chloronaphthalene
 Concen: 39.58 ng
 RT: 9.74 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

Tgt Ion	Ratio	Lower	Upper
162	100		
127	33.3	33.4	50.0#
164	32.9	25.3	37.9



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

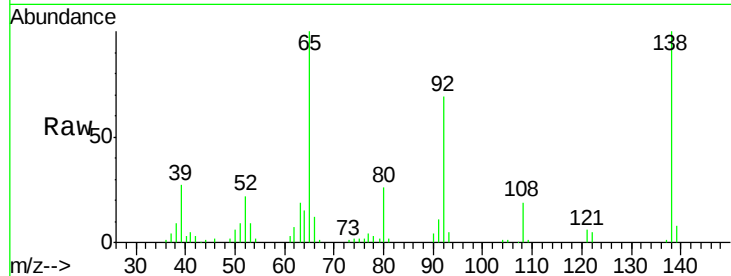




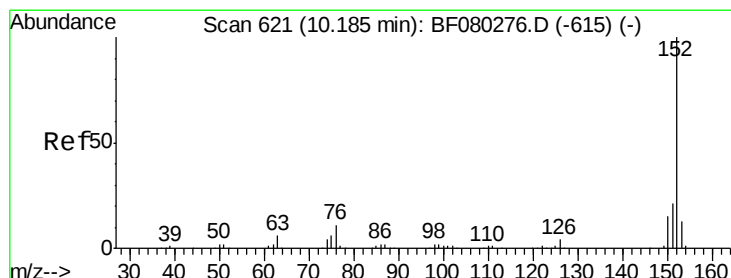
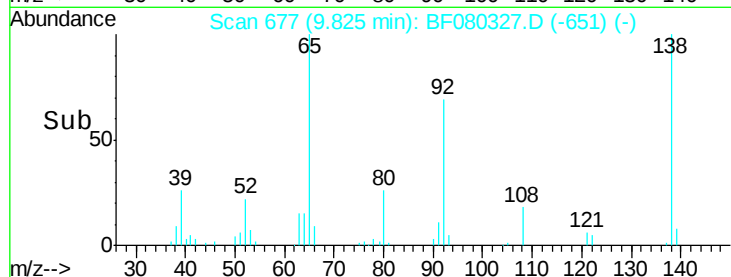
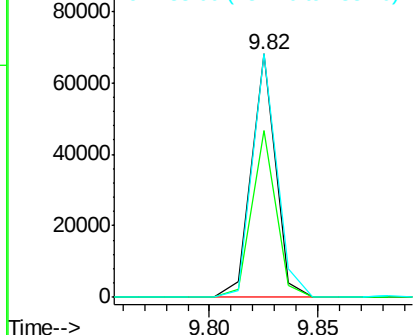
#47
 2-Nitroaniline
 Concen: 42.62 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03-S-UM

Tgt Ion: 65 Resp: 52348
 Ion Ratio Lower Upper
 65 100
 92 68.6 58.0 87.0
 138 99.9 104.8 157.2#

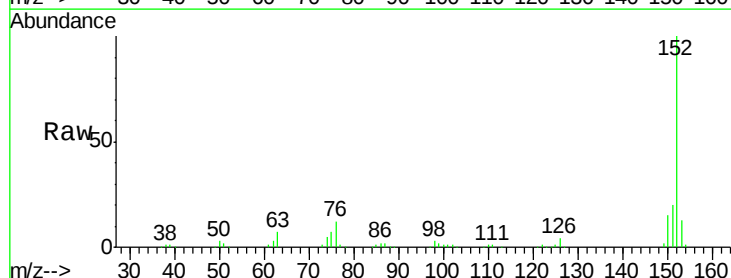


Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

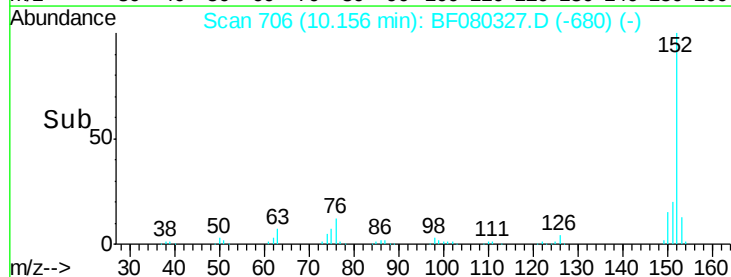
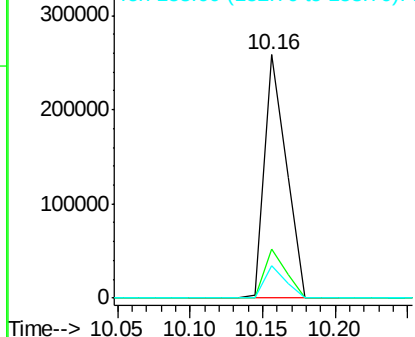


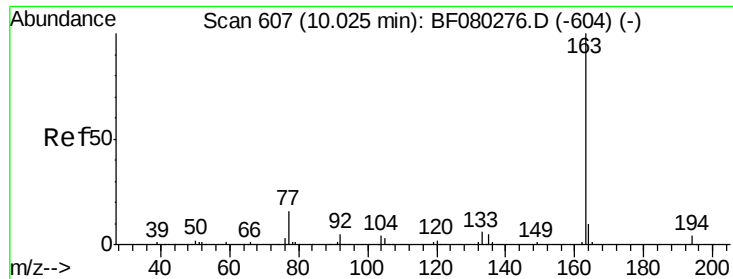
#48
 Acenaphthylene
 Concen: 36.14 ng
 RT: 10.16 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

Tgt Ion: 152 Resp: 268005
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.7 25.1
 153 13.4 10.7 16.1



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

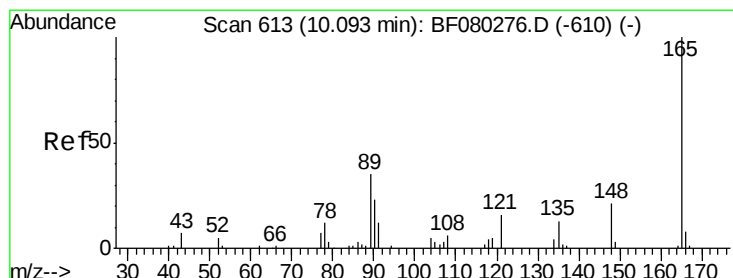
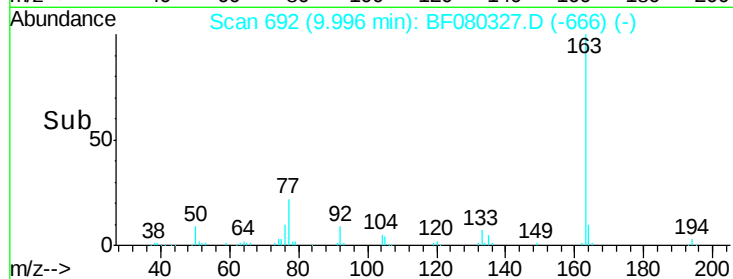
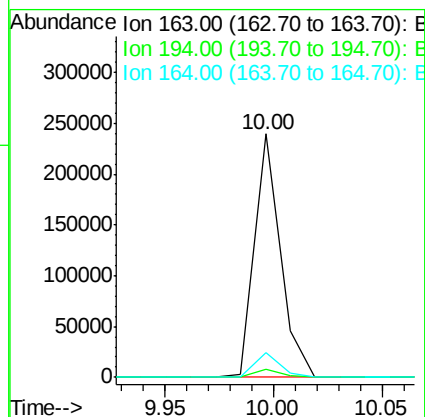
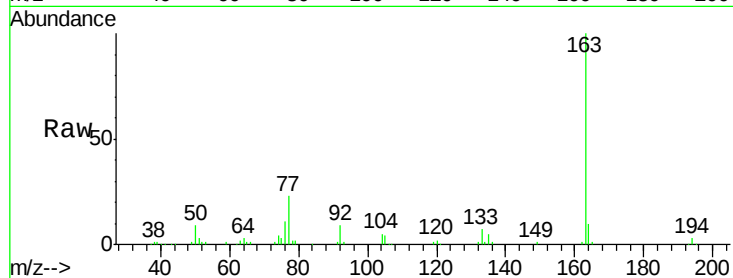




#49
Dimethylphthalate
Concen: 39.93 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

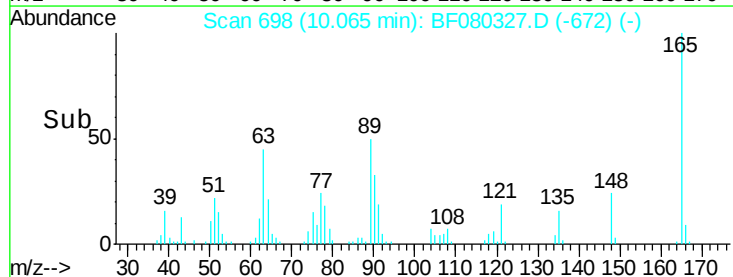
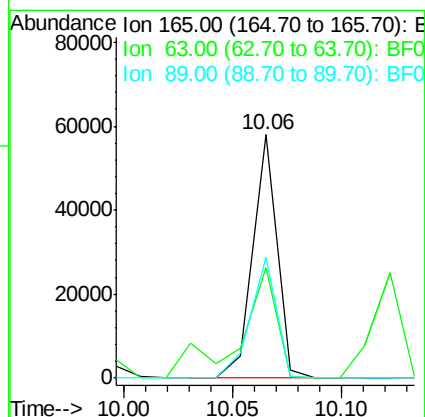
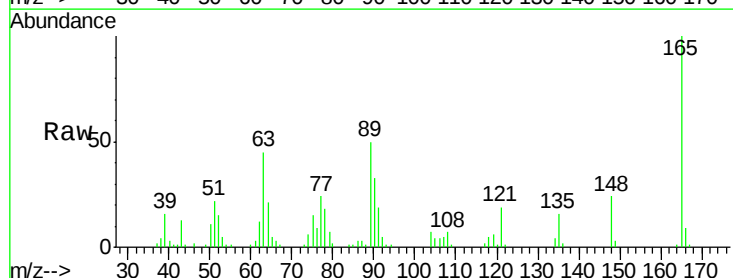
Instrument :
BNA_F
ClientSampleId :
IDOC-03-S-UM

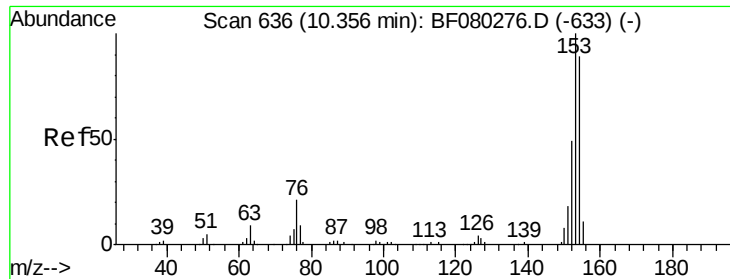
Tgt Ion:163 Resp: 197878
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.3 7.9 11.9



#50
2,6-Dinitrotoluene
Concen: 44.08 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

Tgt Ion:165 Resp: 44664
Ion Ratio Lower Upper
165 100
63 45.2 23.4 35.0#
89 49.5 27.7 41.5#





#51

Acenaphthene

Concen: 40.43 ng

RT: 10.34 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF080327.D

Acq: 3 Jul 2015 6:35

Instrument :

BNA_F

ClientSampleId :

IDOC-03-S-UM

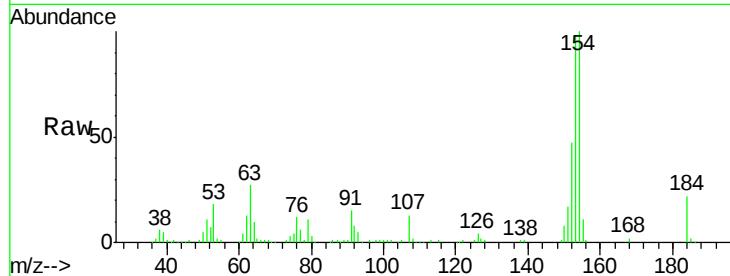
Tgt Ion:154 Resp: 172643

Ion Ratio Lower Upper

154 100

153 97.5 90.4 135.6

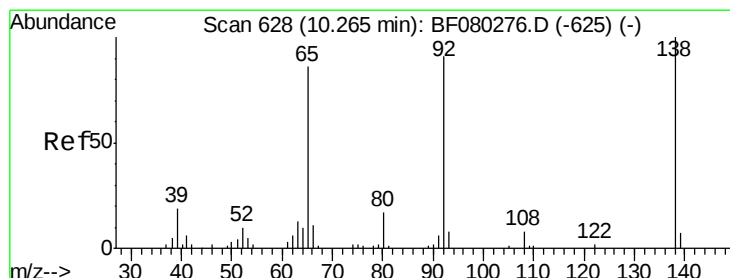
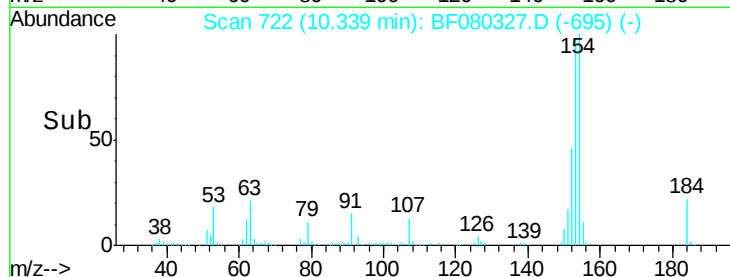
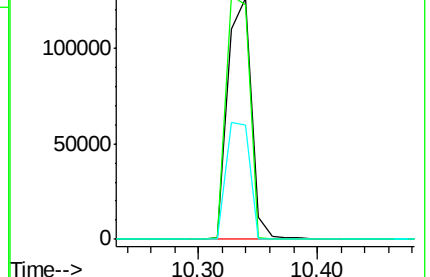
152 47.4 43.9 65.9



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: 30.76 ng

RT: 10.24 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF080327.D

Acq: 3 Jul 2015 6:35

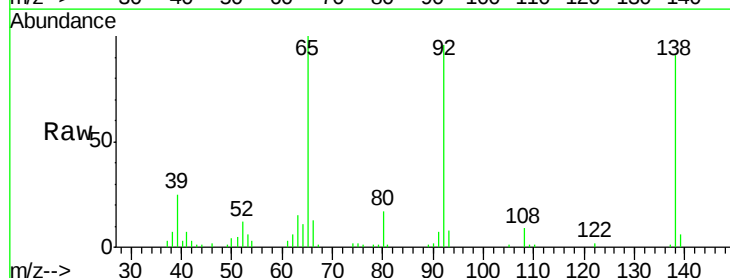
Tgt Ion:138 Resp: 35744

Ion Ratio Lower Upper

138 100

108 9.7 6.7 10.1

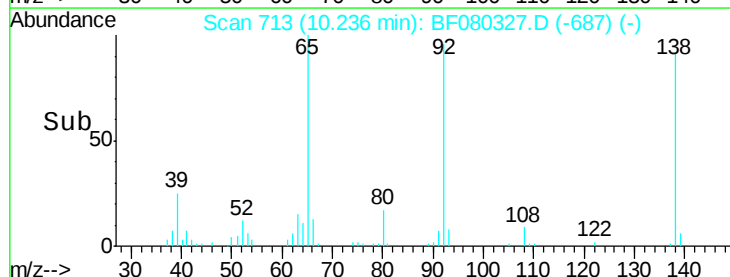
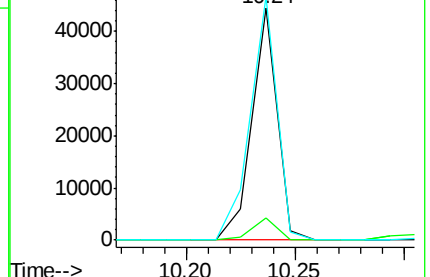
92 105.1 72.6 109.0

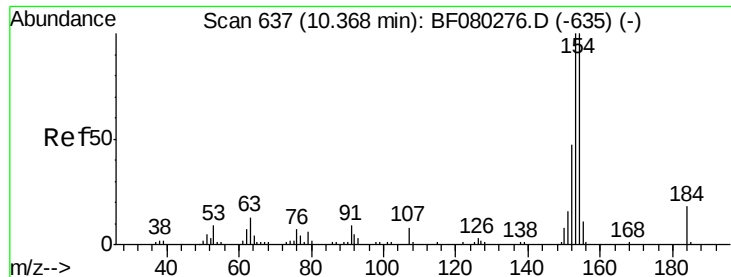


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

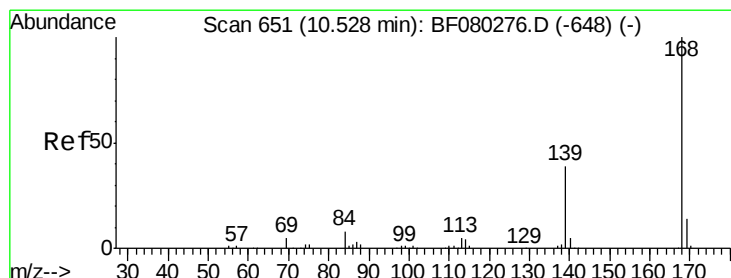
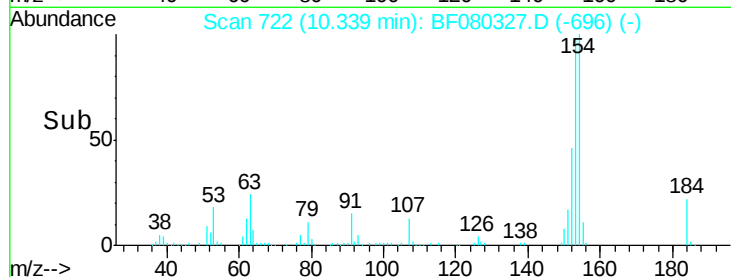
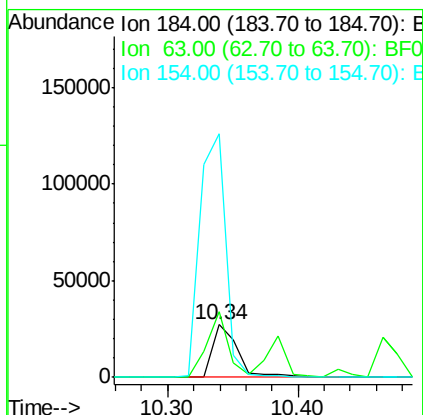
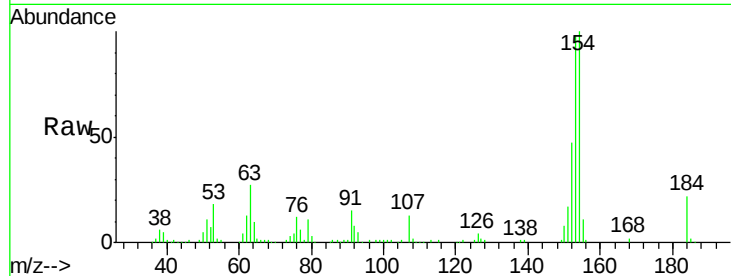




#53
2,4-Dinitrophenol
Concen: 85.15 ng
RT: 10.34 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

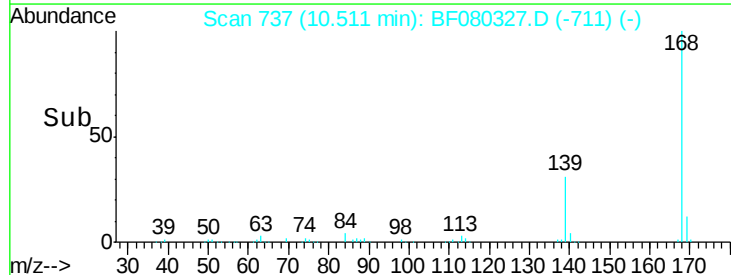
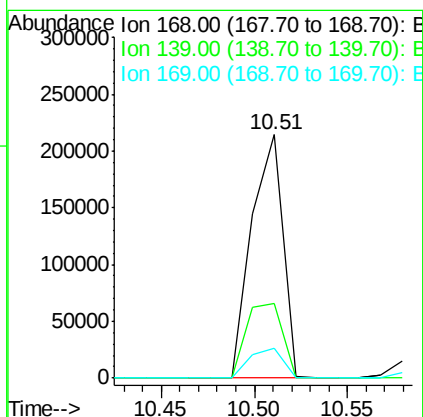
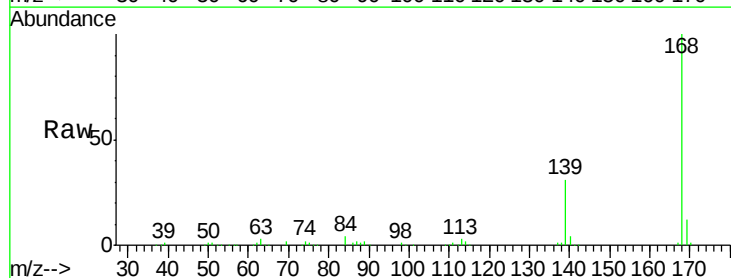
Instrument :
BNA_F
ClientSampleId :
IDOC-03-S-UM

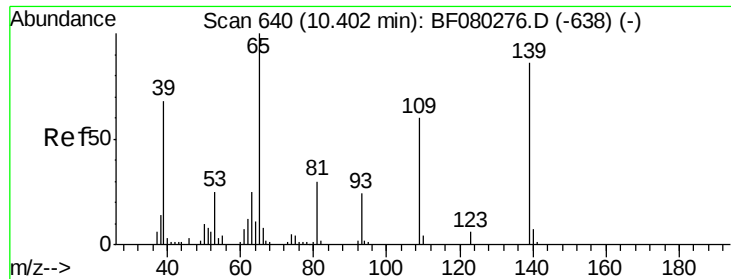
Tgt Ion:184 Resp: 36387
Ion Ratio Lower Upper
184 100
63 125.0 65.0 97.6#
154 462.1 473.1 709.7#



#54
Dibenzofuran
Concen: 41.06 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

Tgt Ion:168 Resp: 247436
Ion Ratio Lower Upper
168 100
139 30.9 31.5 47.3#
169 12.1 11.0 16.4





#55

4-Nitrophenol

Concen: 92.11 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF080327.D

Acq: 3 Jul 2015 6:35

Instrument :

BNA_F

ClientSampleId :

IDOC-03-S-UM

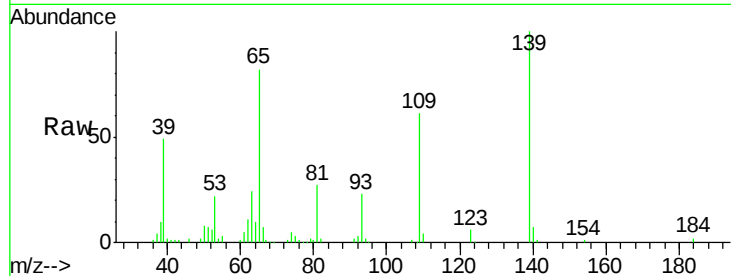
Tgt Ion:139 Resp: 79123

Ion Ratio Lower Upper

139 100

109 60.9 50.2 90.2

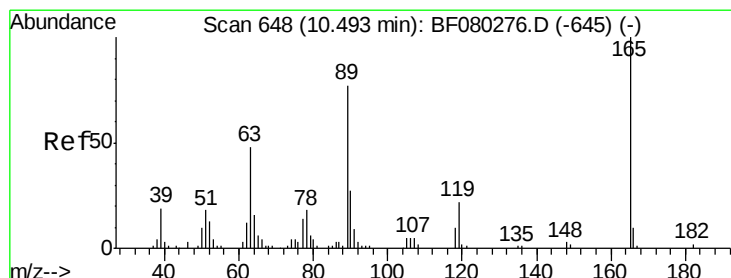
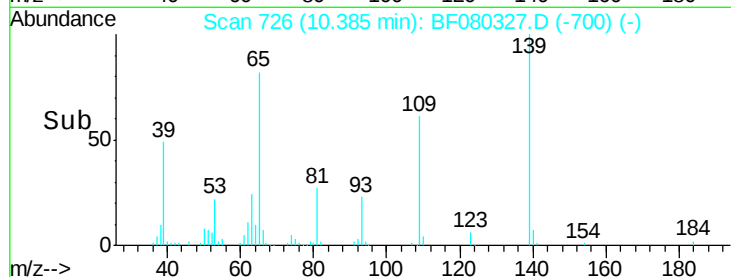
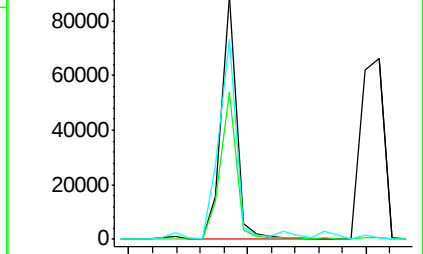
65 82.4 96.7 136.7#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 41.36 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF080327.D

Acq: 3 Jul 2015 6:35

Tgt Ion:165 Resp: 54330

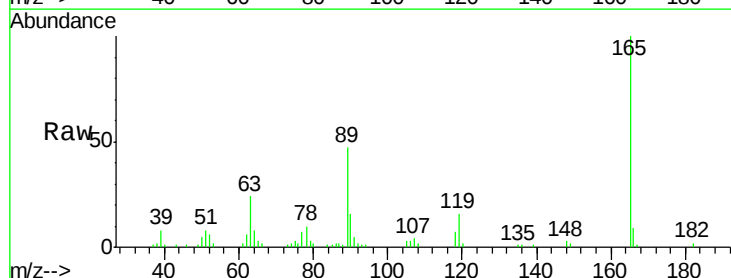
Ion Ratio Lower Upper

165 100

63 23.9 38.7 58.1#

89 47.2 62.0 93.0#

182 2.4 1.8 2.8

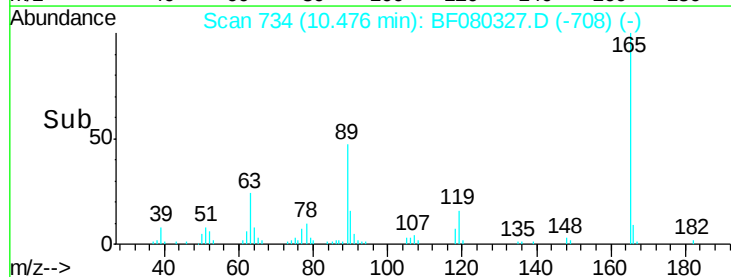
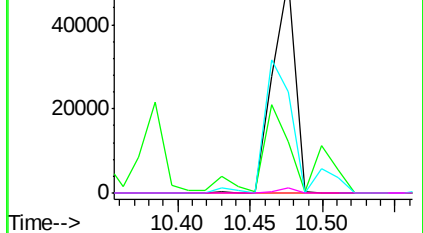


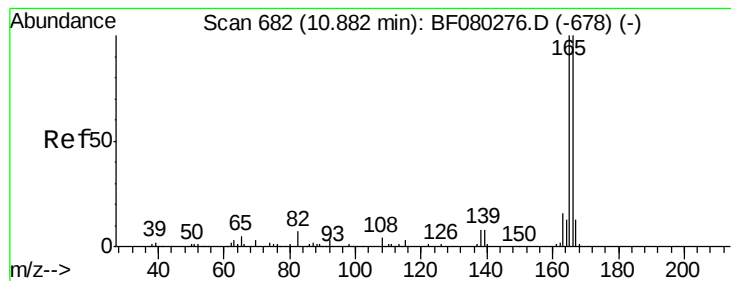
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.35 ng

RT: 10.85 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF080327.D

Acq: 3 Jul 2015 6:35

Instrument :

BNA_F

ClientSampleId :

IDOC-03-S-UM

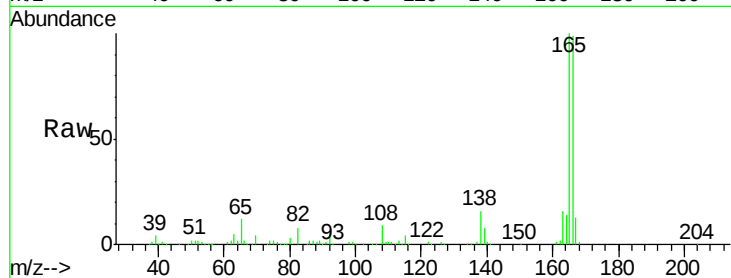
Tgt Ion:166 Resp: 206702

Ion Ratio Lower Upper

166 100

165 101.4 79.9 119.9

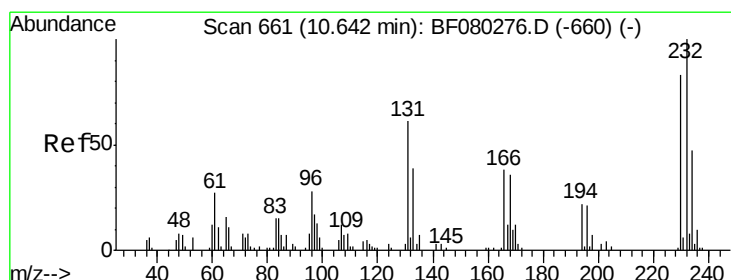
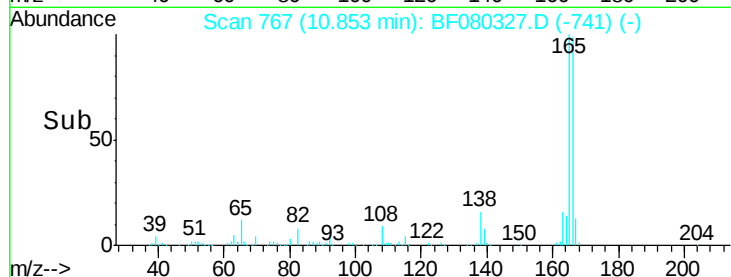
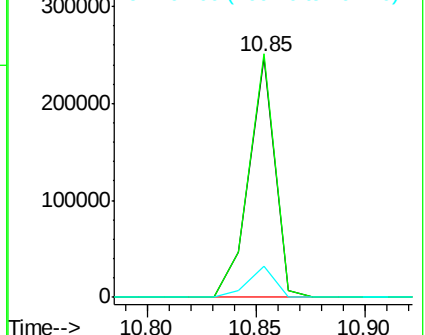
167 13.0 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.88 ng

RT: 10.62 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF080327.D

Acq: 3 Jul 2015 6:35

Tgt Ion:232 Resp: 48058

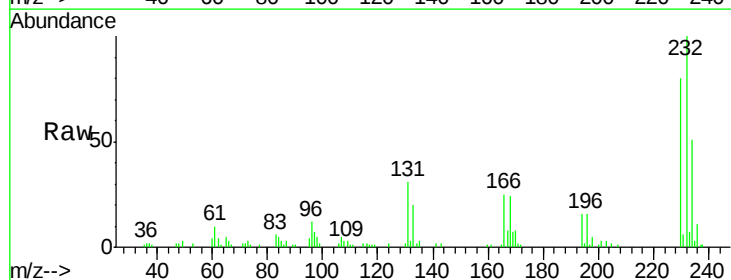
Ion Ratio Lower Upper

232 100

131 43.2 37.0 55.6

130 2.0 1.5 2.3

166 29.7 24.4 36.6

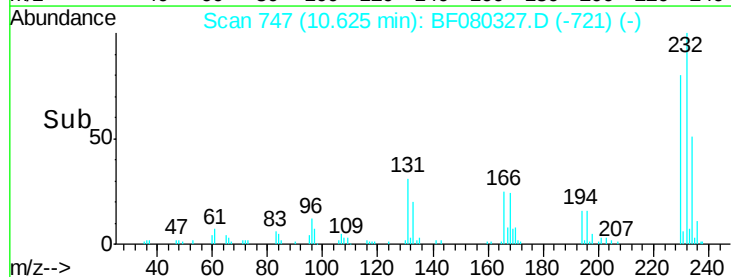
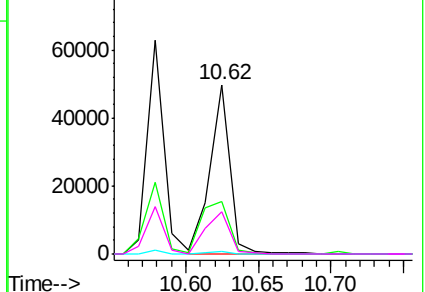


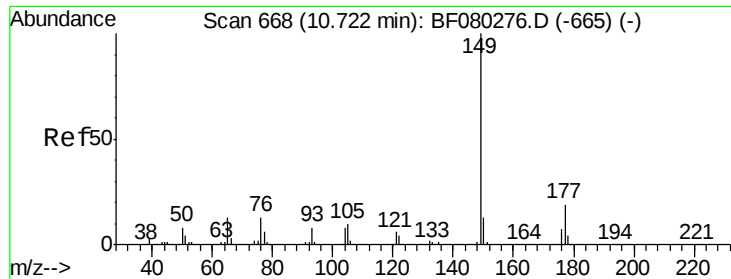
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

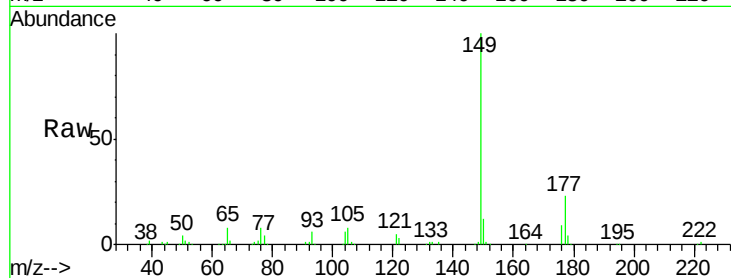




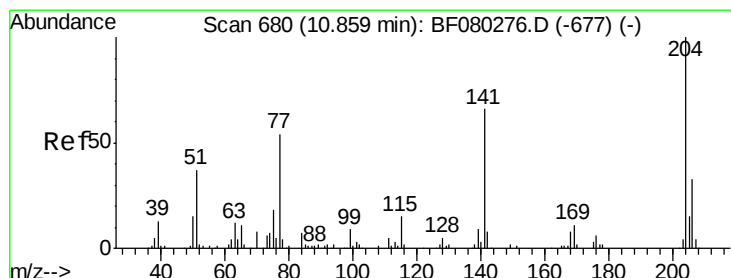
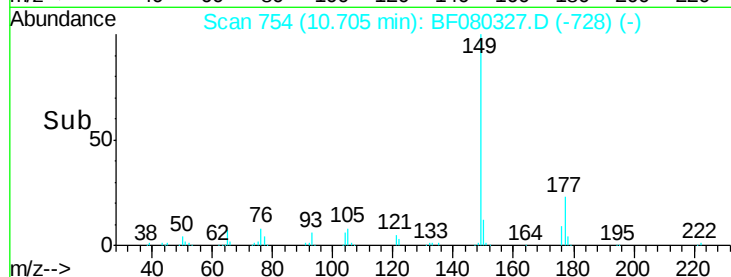
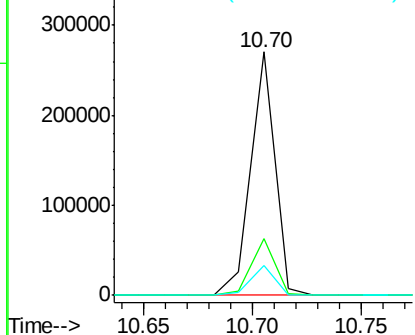
#59
Diethylphthalate
Concen: 44.27 ng
RT: 10.70 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

Instrument :
BNA_F
ClientSampleId :
IDOC-03-S-UM

Tgt Ion:149 Resp: 208532
Ion Ratio Lower Upper
149 100
177 23.1 15.4 23.0#
150 12.3 10.5 15.7

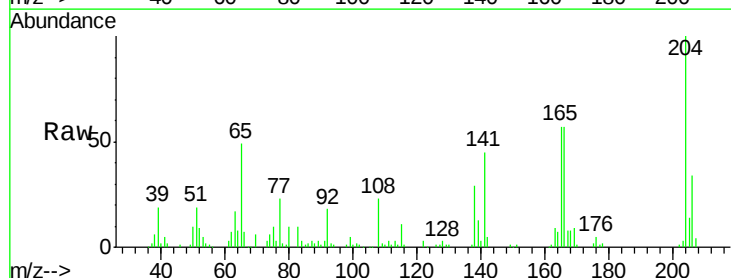


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

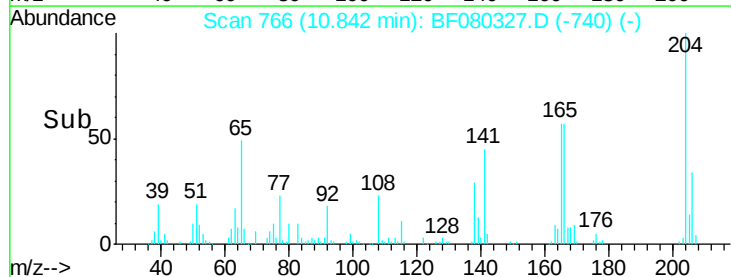
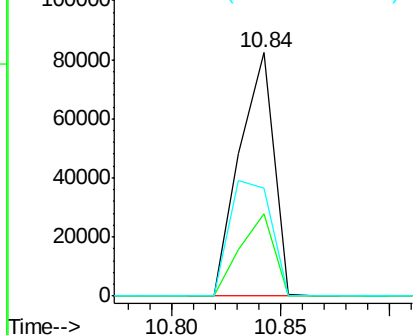


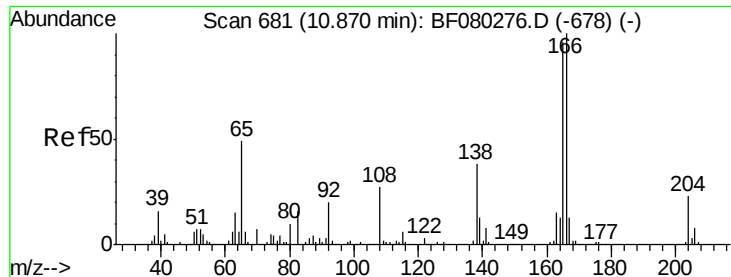
#60
4-Chlorophenyl-phenylether
Concen: 39.83 ng
RT: 10.84 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

Tgt Ion:204 Resp: 90030
Ion Ratio Lower Upper
204 100
206 34.0 26.5 39.7
141 44.6 52.5 78.7#



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

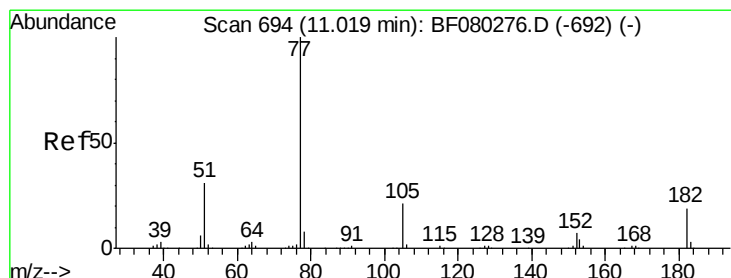
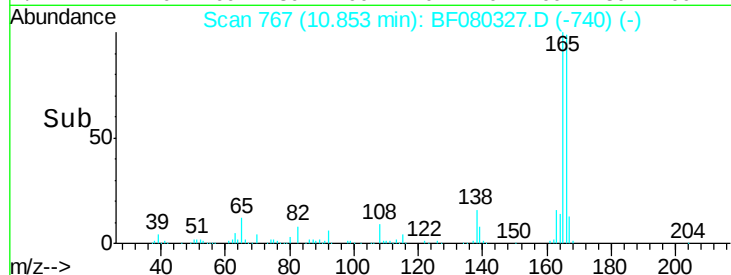
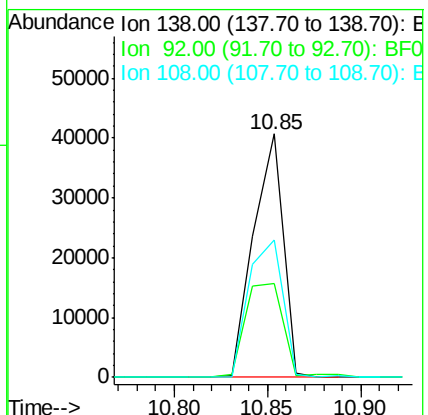
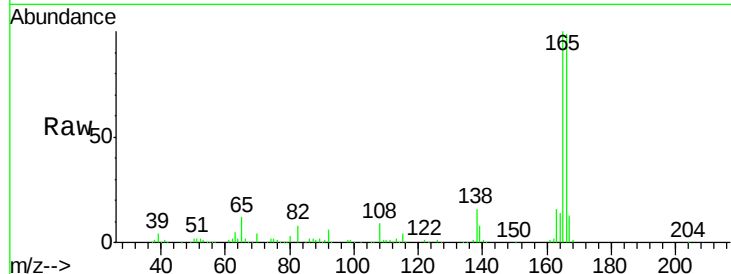




#61
4-Nitroaniline
Concen: 37.97 ng
RT: 10.85 min Scan# 767
Delta R.T. 0.01 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

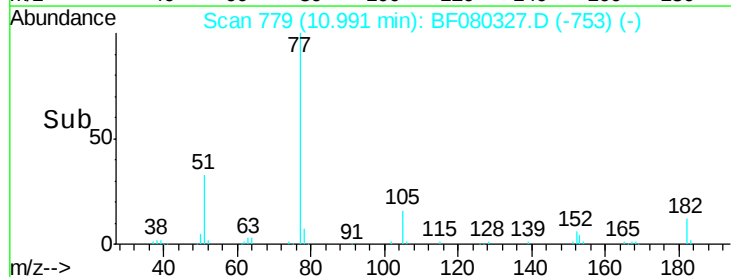
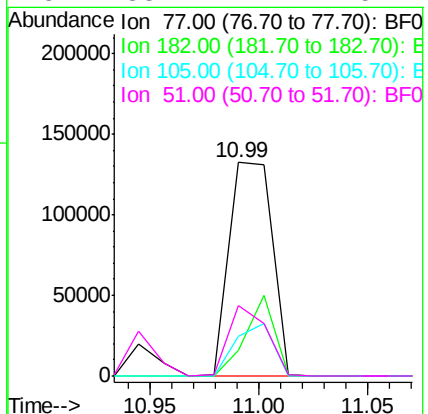
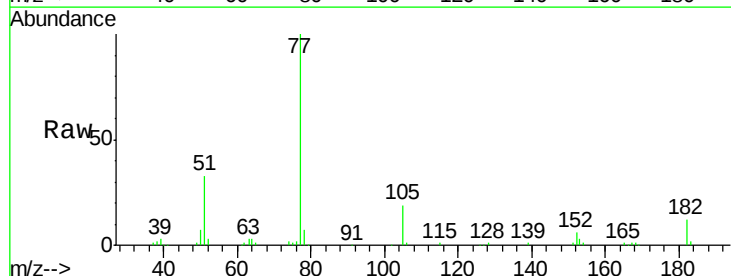
Instrument :
BNA_F
ClientSampleId :
IDOC-03-S-UM

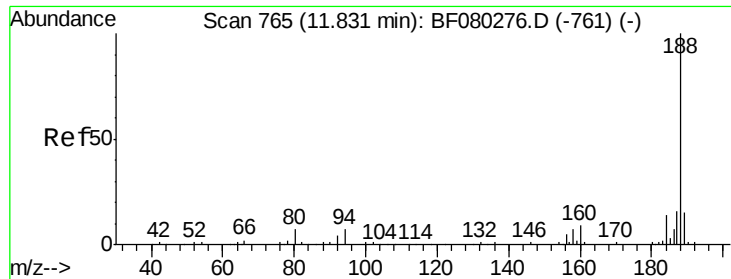
Tgt Ion:138 Resp: 44849
Ion Ratio Lower Upper
138 100
92 38.3 32.7 72.7
108 56.6 49.6 89.6



#62
Azobenzene
Concen: 37.57 ng
RT: 10.99 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

Tgt Ion: 77 Resp: 182054
Ion Ratio Lower Upper
77 100
182 12.2 0.0 38.9
105 18.7 1.3 41.3
51 33.2 11.1 51.1

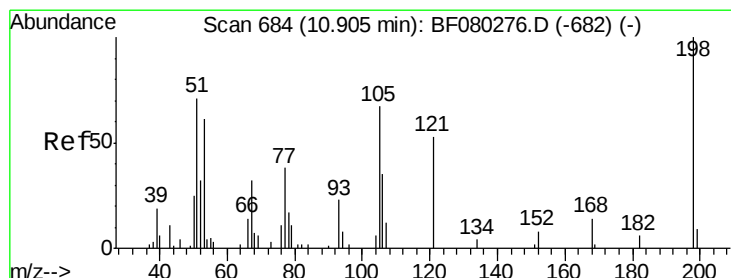
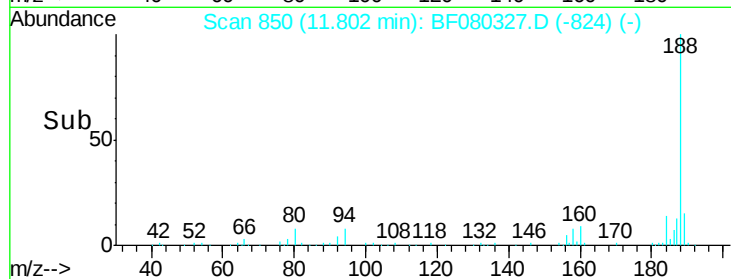
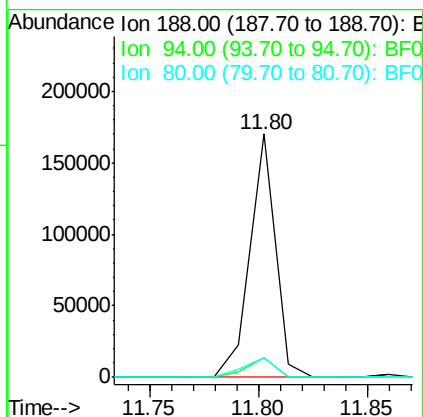
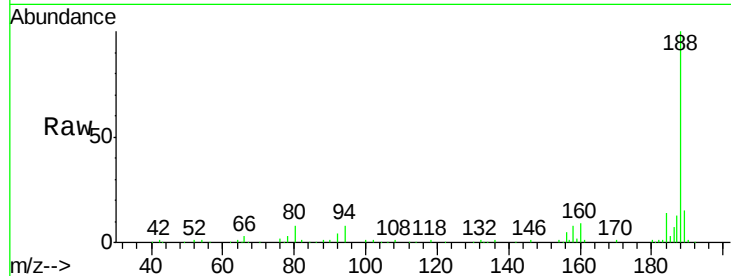




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.80 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

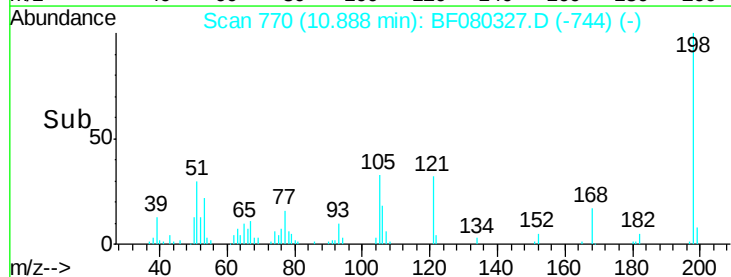
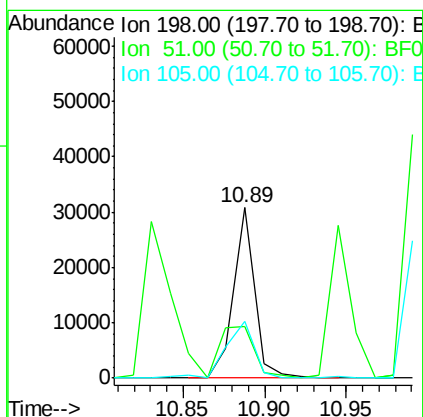
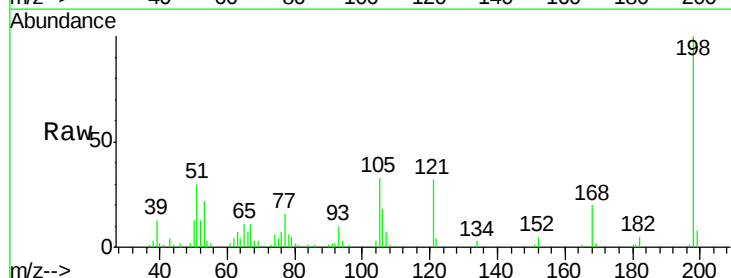
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03-S-UM

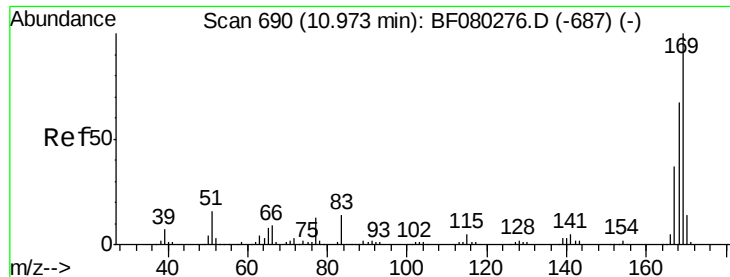
Tgt Ion:188 Resp: 138975
 Ion Ratio Lower Upper
 188 100
 94 8.3 5.4 8.0#
 80 8.3 5.8 8.6



#64
 4,6-Dinitro-2-methylphenol
 Concen: 46.83 ng
 RT: 10.89 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

Tgt Ion:198 Resp: 27229
 Ion Ratio Lower Upper
 198 100
 51 30.3 63.7 103.7#
 105 33.4 46.9 86.9#

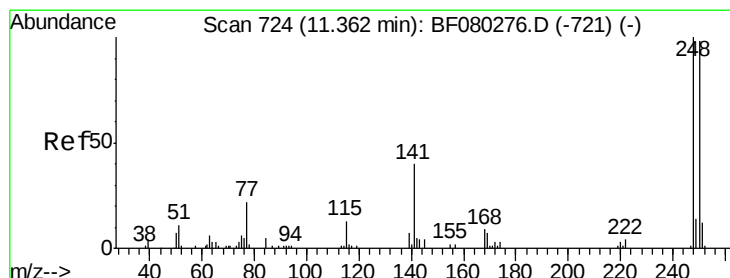
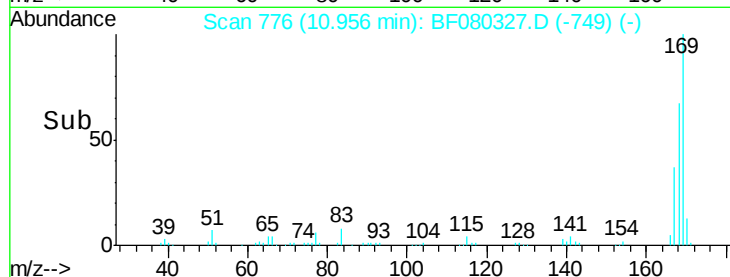
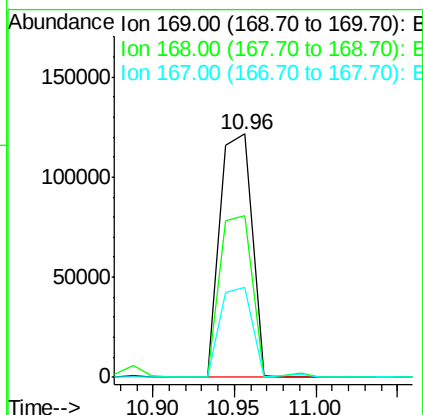
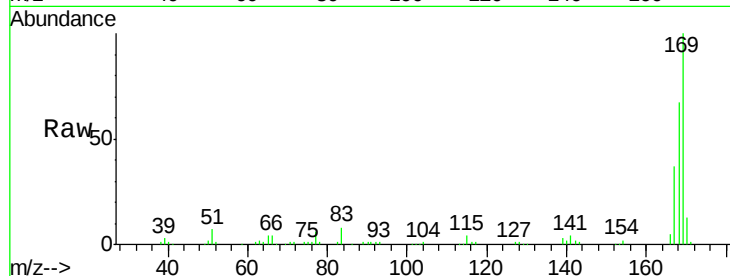




#65
 n-Nitrosodiphenylamine
 Concen: 35.91 ng
 RT: 10.96 min Scan# 776
 Delta R.T. 0.01 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

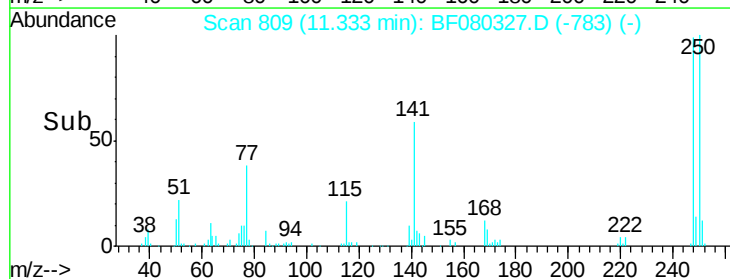
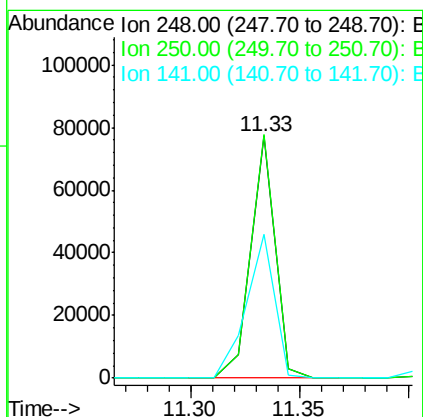
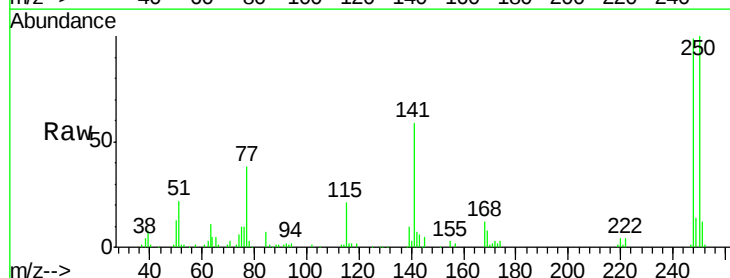
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03-S-UM

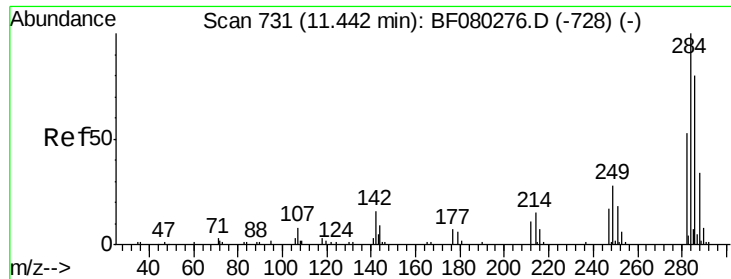
Tgt Ion:169 Resp: 163983
 Ion Ratio Lower Upper
 169 100
 168 66.6 53.6 80.4
 167 37.1 29.9 44.9



#66
 4-Bromophenyl-phenylether
 Concen: 40.14 ng
 RT: 11.33 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

Tgt Ion:248 Resp: 60293
 Ion Ratio Lower Upper
 248 100
 250 100.5 78.2 117.4
 141 59.3 31.9 47.9#

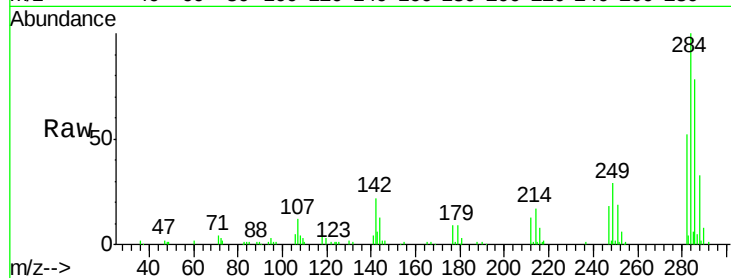




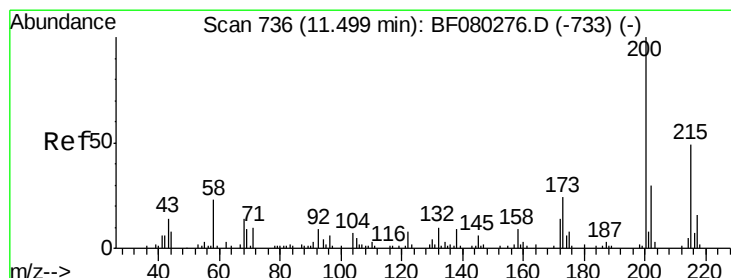
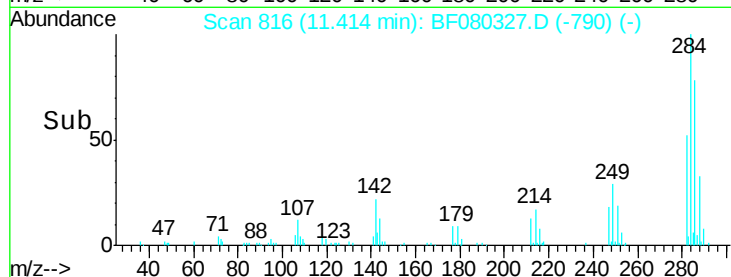
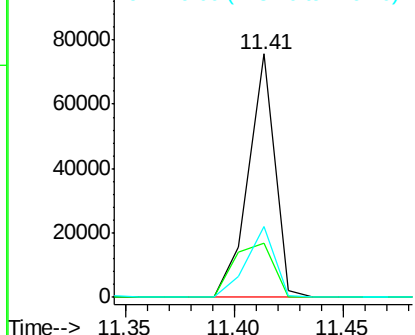
#67
Hexachlorobenzene
Concen: 39.72 ng
RT: 11.41 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

Instrument :
BNA_F
ClientSampleId :
IDOC-03-S-UM

Tgt Ion:284 Resp: 63935
Ion Ratio Lower Upper
284 100
142 22.0 12.5 18.7#
249 28.9 22.4 33.6

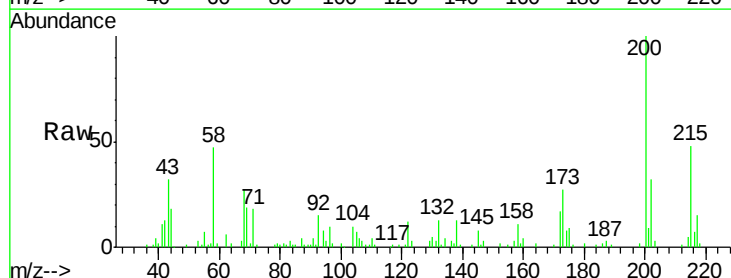


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

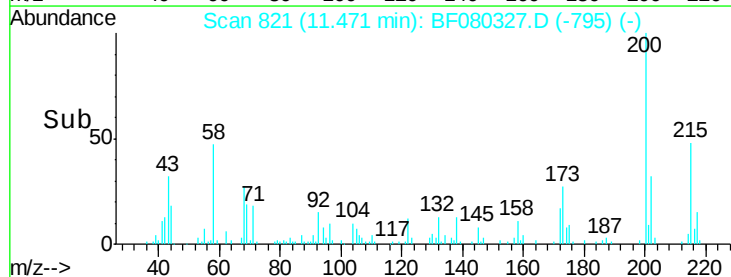
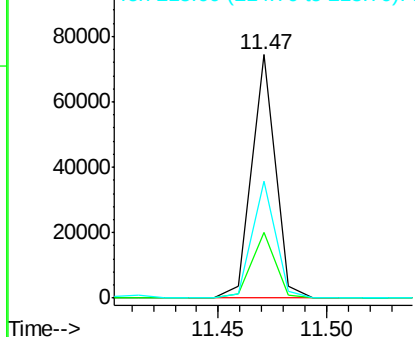


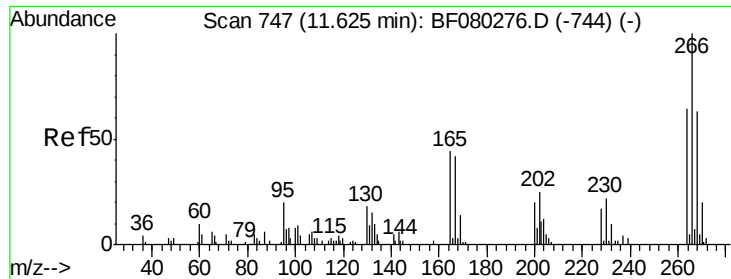
#68
Atrazine
Concen: 40.60 ng
RT: 11.47 min Scan# 821
Delta R.T. 0.00 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

Tgt Ion:200 Resp: 56055
Ion Ratio Lower Upper
200 100
173 27.1 3.5 43.5
215 47.9 28.6 68.6



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

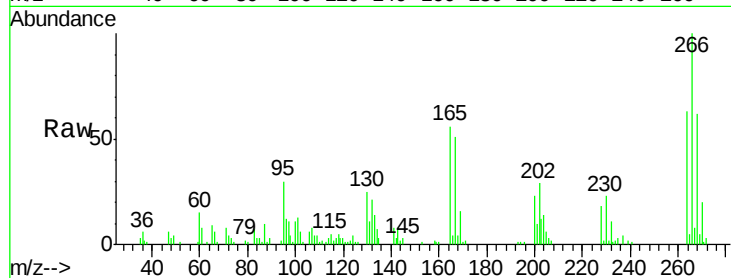




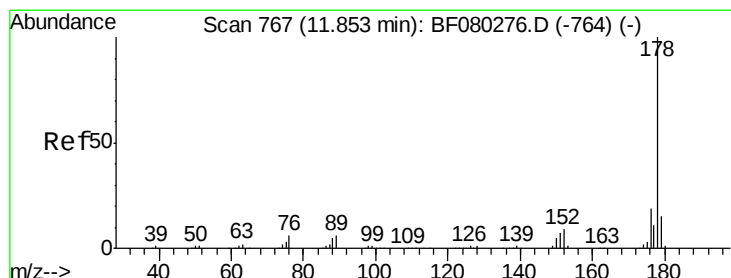
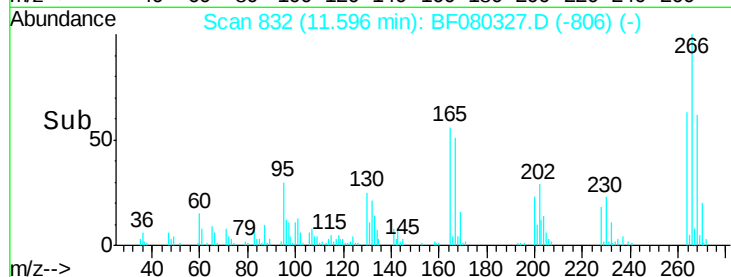
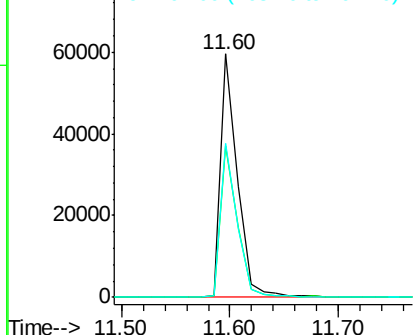
#69
 Pentachlorophenol
 Concen: 74.22 ng
 RT: 11.60 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03-S-UM

Tgt Ion:266 Resp: 64383
 Ion Ratio Lower Upper
 266 100
 268 62.4 50.7 76.1
 264 63.4 51.3 76.9

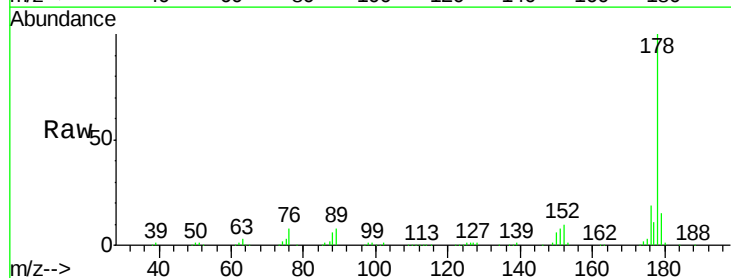


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

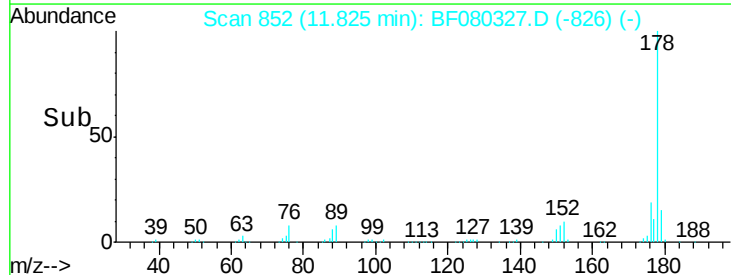
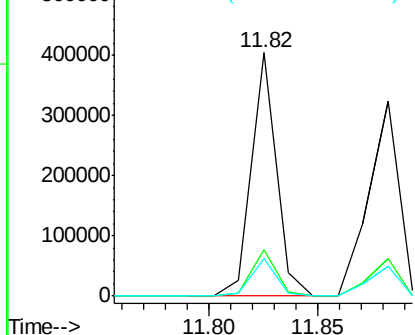


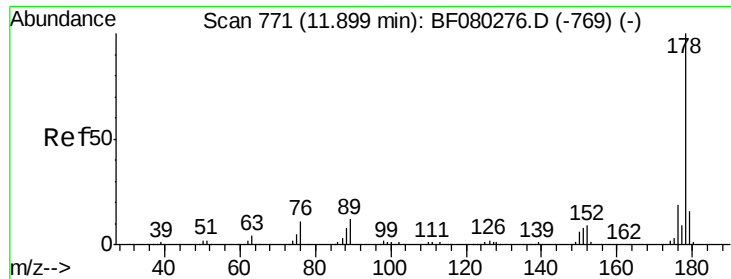
#70
 Phenanthrene
 Concen: 38.90 ng
 RT: 11.82 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

Tgt Ion:178 Resp: 323880
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.6 23.4
 179 15.4 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

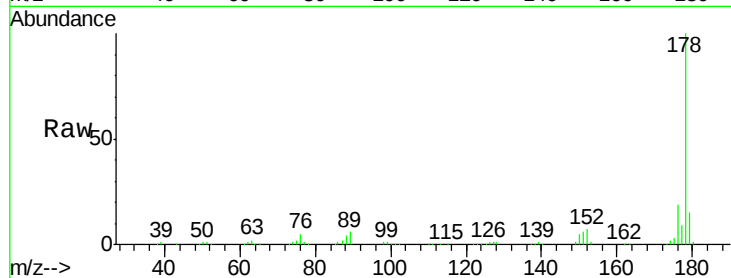




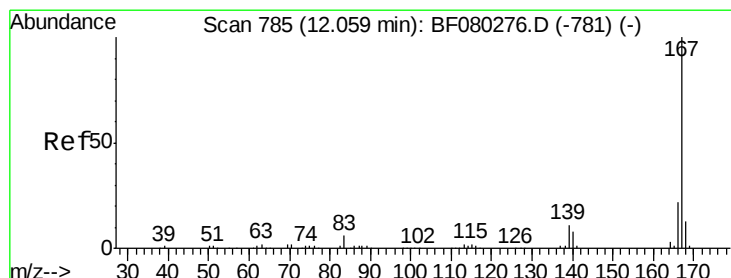
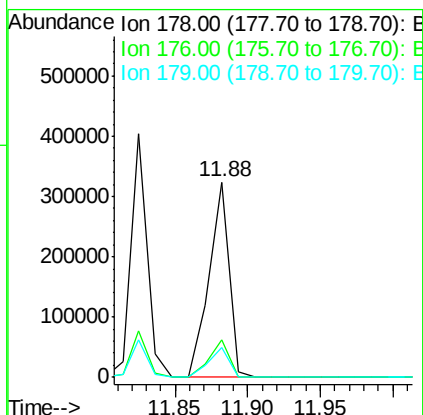
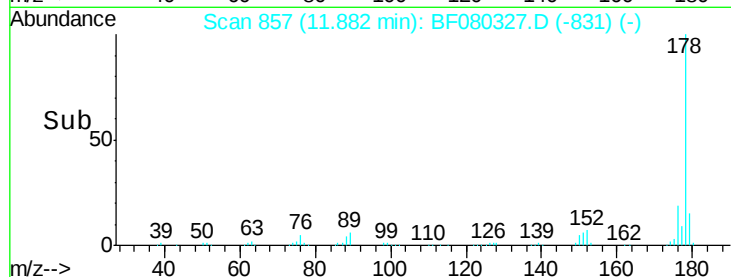
#71
 Anthracene
 Concen: 39.19 ng
 RT: 11.88 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03-S-UM

Tgt Ion:178 Resp: 313080
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.2 22.8
 179 15.2 12.6 18.8

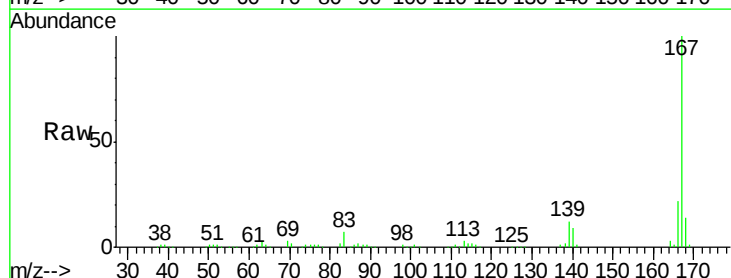


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

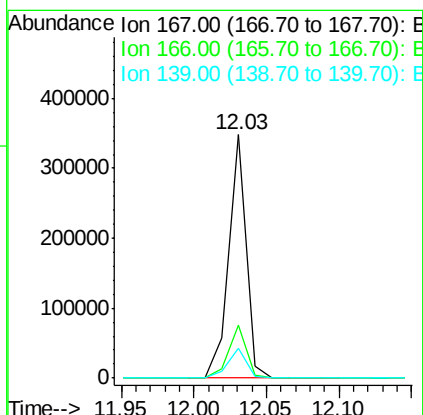
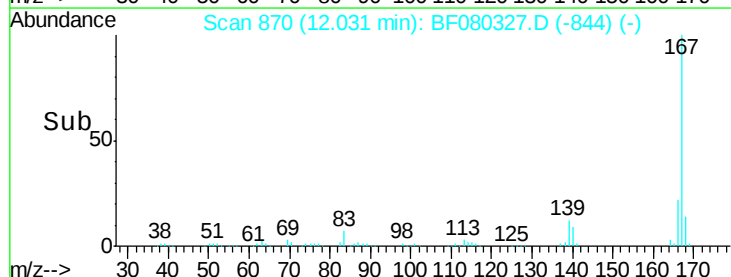


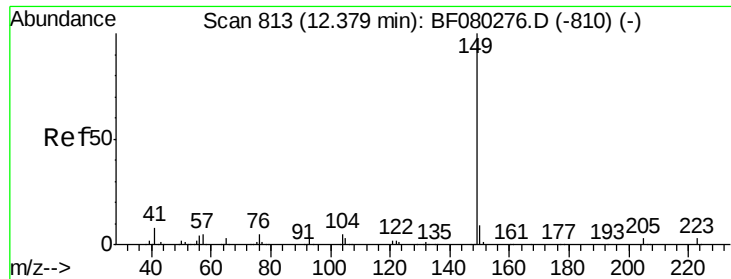
#72
 Carbazole
 Concen: 39.02 ng
 RT: 12.03 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

Tgt Ion:167 Resp: 291523
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.3 25.9
 139 12.5 8.6 13.0



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

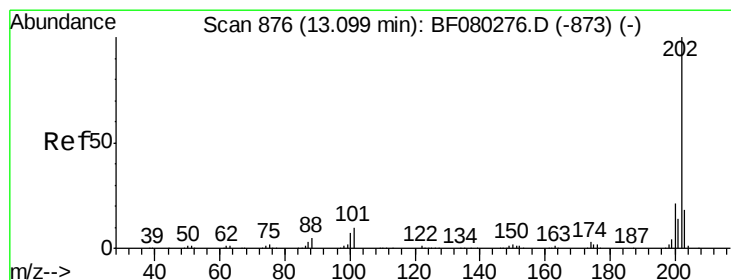
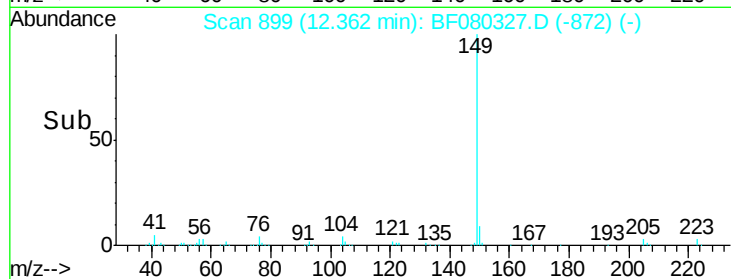
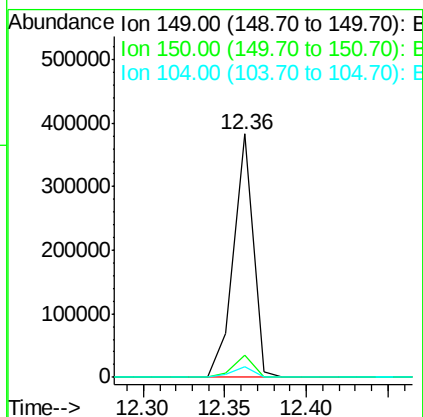
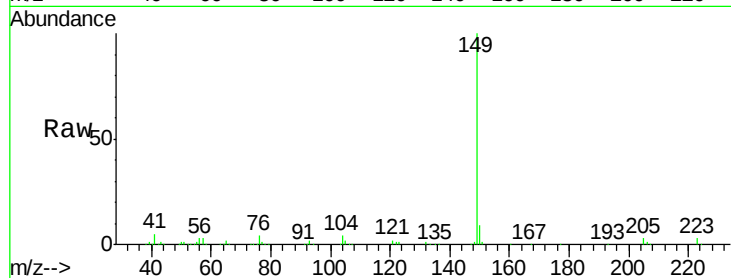




#73
Di-n-butylphthalate
Concen: 39.50 ng
RT: 12.36 min Scan# 899
Delta R.T. 0.01 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

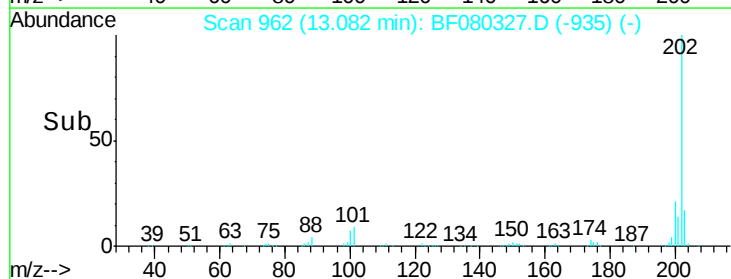
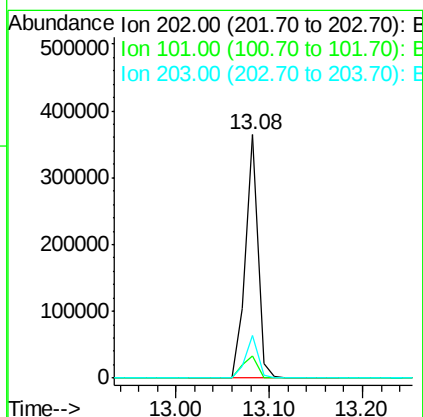
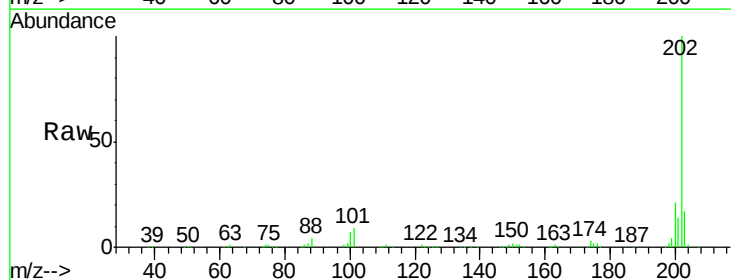
Instrument :
BNA_F
ClientSampleId :
IDOC-03-S-UM

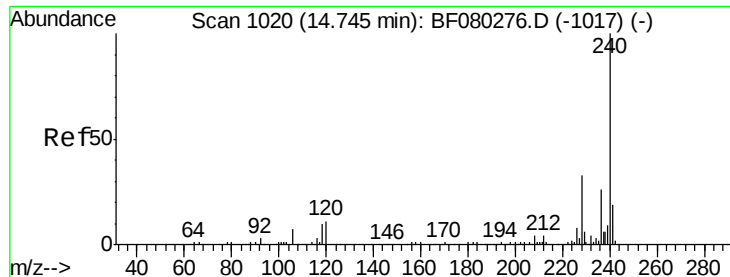
Tgt Ion:149 Resp: 316595
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 4.1 3.7 5.5



#74
Fluoranthene
Concen: 39.52 ng
RT: 13.08 min Scan# 962
Delta R.T. 0.01 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

Tgt Ion:202 Resp: 339956
Ion Ratio Lower Upper
202 100
101 9.0 0.0 30.4
203 17.4 0.0 37.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.75 min Scan# 1108

Delta R.T. 0.03 min

Lab File: BF080327.D

Acq: 3 Jul 2015 6:35

Instrument :

BNA_F

ClientSampleId :

IDOC-03-S-UM

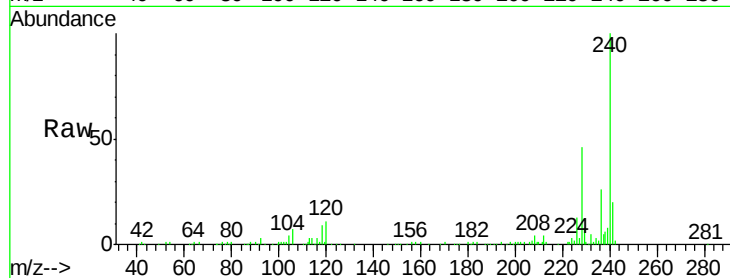
Tgt Ion:240 Resp: 152240

Ion Ratio Lower Upper

240 100

120 11.2 8.7 13.1

236 25.7 20.9 31.3



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

200000

150000

100000

50000

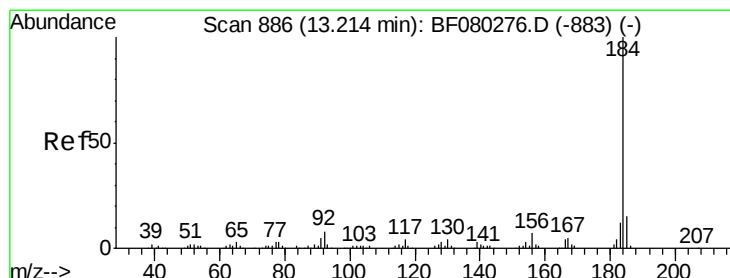
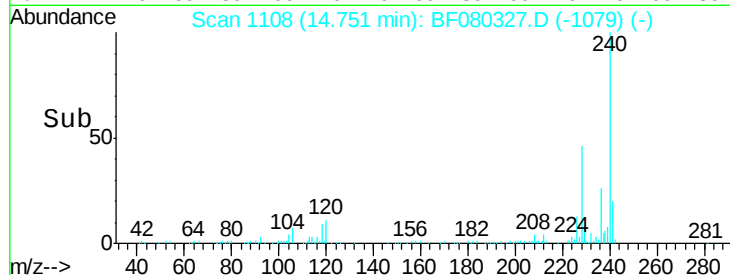
0

14.75

14.70

14.80

Time-->



#76

Benzidine

Concen: 33.83 ng

RT: 13.20 min Scan# 972

Delta R.T. 0.01 min

Lab File: BF080327.D

Acq: 3 Jul 2015 6:35

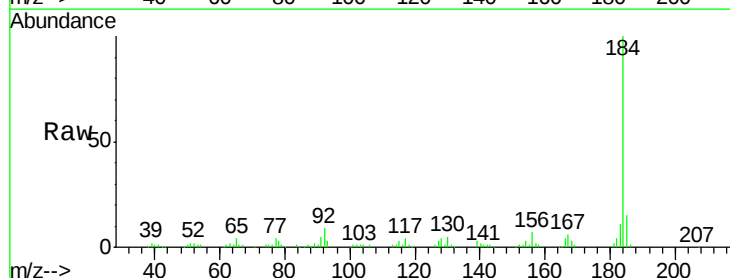
Tgt Ion:184 Resp: 150802

Ion Ratio Lower Upper

184 100

185 15.0 11.8 17.6

183 11.3 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

150000

100000

50000

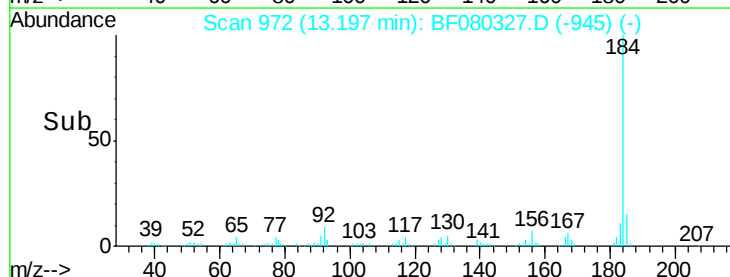
0

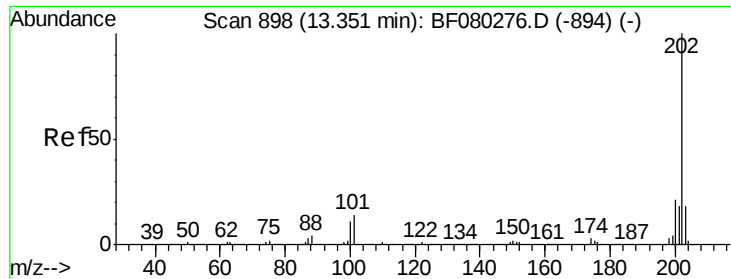
13.20

13.10

13.30

Time-->

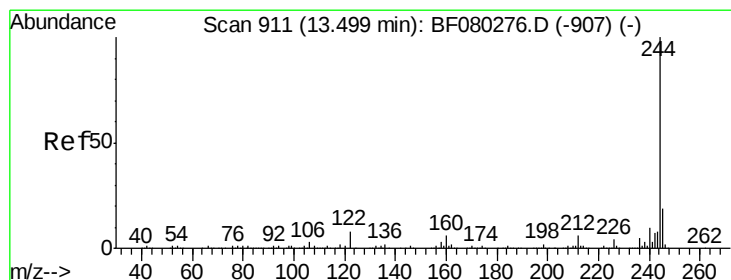
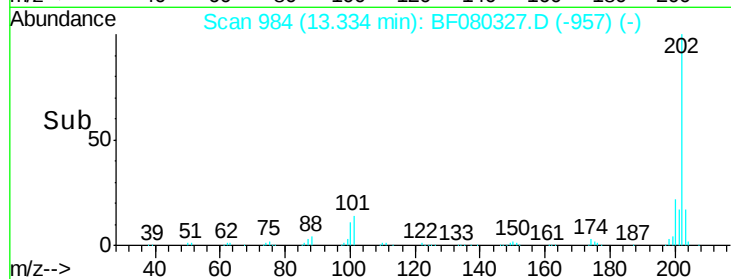
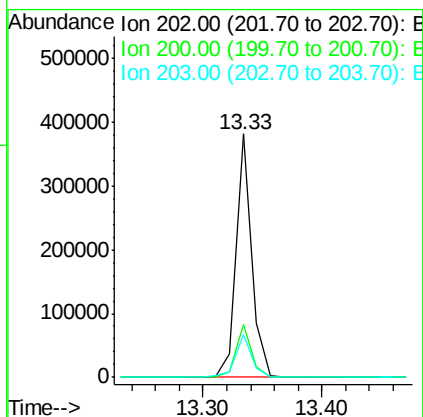
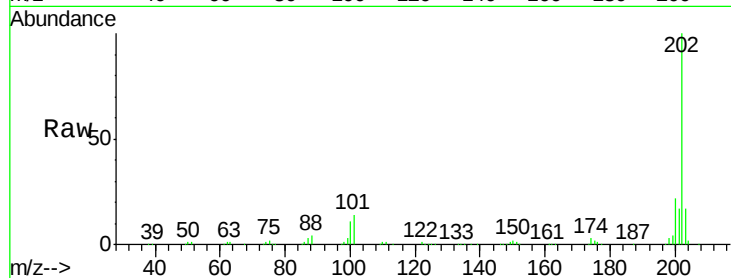




#77
 Pyrene
 Concen: 36.01 ng
 RT: 13.33 min Scan# 984
 Delta R.T. 0.01 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

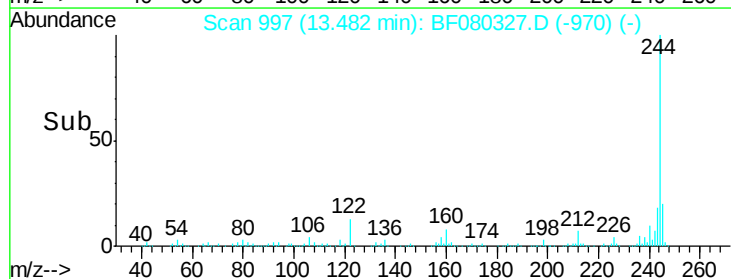
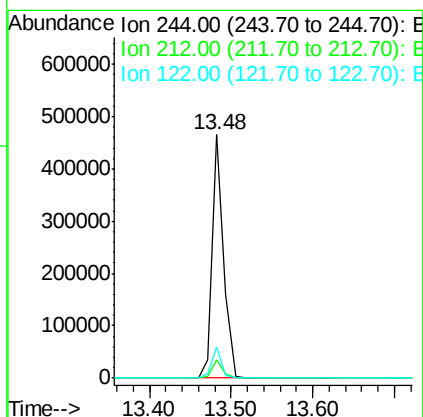
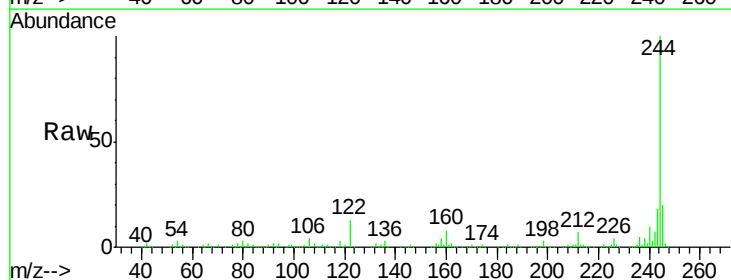
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03-S-UM

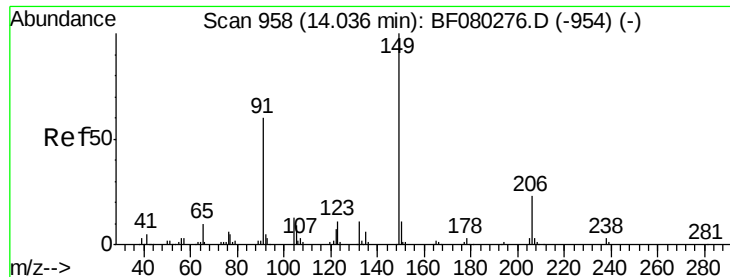
Tgt Ion: 202 Resp: 350939
 Ion Ratio Lower Upper
 202 100
 200 21.7 17.0 25.6
 203 17.5 14.0 21.0



#78
 Terphenyl-d14
 Concen: 70.42 ng
 RT: 13.48 min Scan# 997
 Delta R.T. 0.01 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

Tgt Ion: 244 Resp: 457658
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.0 7.6
 122 12.8 6.6 9.8#

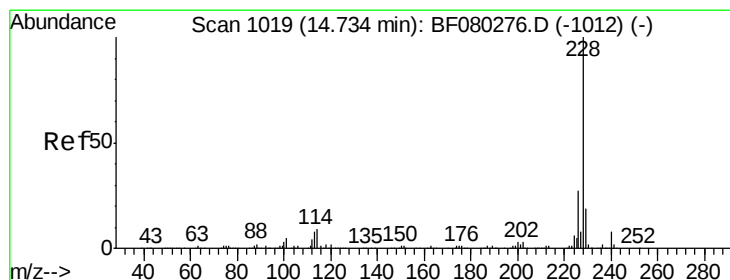
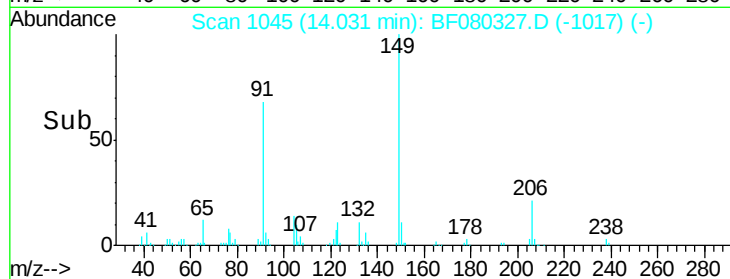
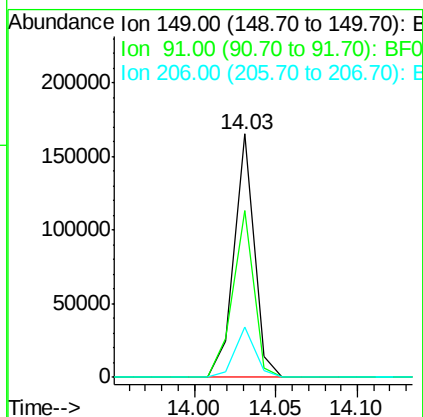
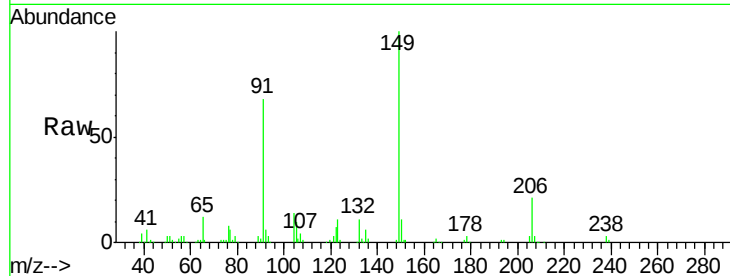




#79
Butylbenzylphthalate
Concen: 37.56 ng
RT: 14.03 min Scan# 1045
Delta R.T. 0.02 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

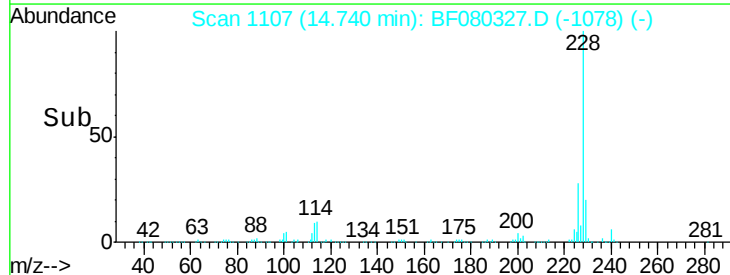
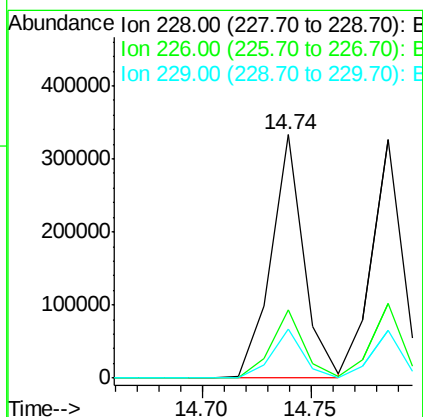
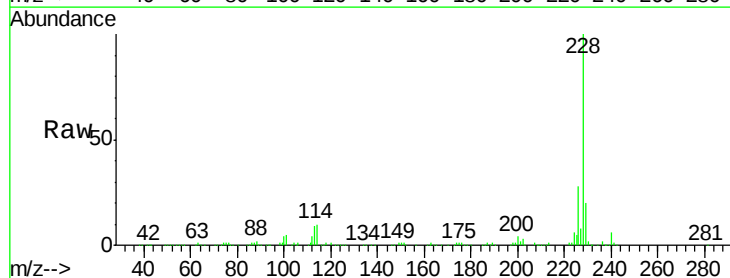
Instrument :
BNA_F
ClientSampleId :
IDOC-03-S-UM

Tgt Ion:149 Resp: 140343
Ion Ratio Lower Upper
149 100
91 68.4 48.1 72.1
206 20.5 18.1 27.1



#80
Benzo(a)anthracene
Concen: 37.95 ng
RT: 14.74 min Scan# 1107
Delta R.T. 0.03 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

Tgt Ion:228 Resp: 349141
Ion Ratio Lower Upper
228 100
226 27.9 21.7 32.5
229 19.9 15.5 23.3

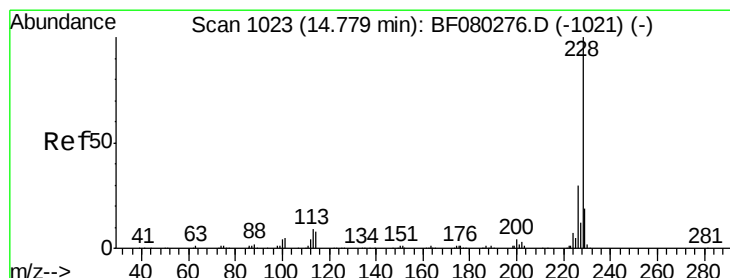
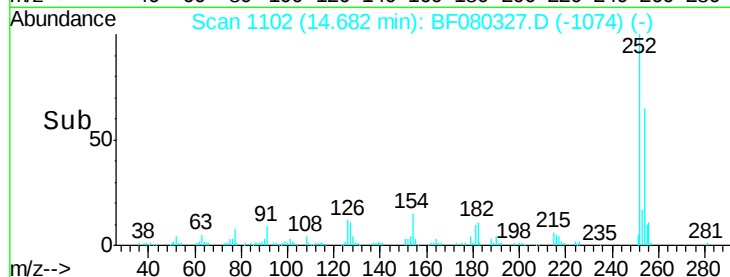
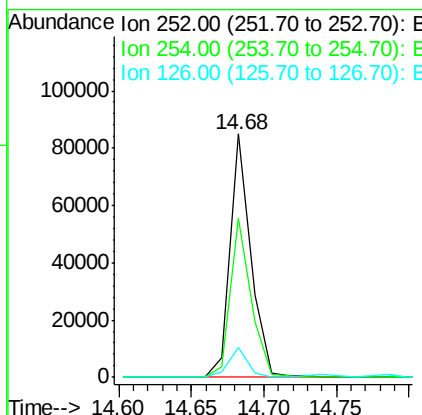
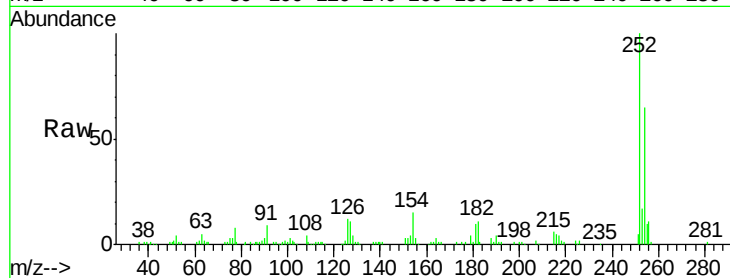




#81
 3,3'-Dichlorobenzidine
 Concen: 28.12 ng
 RT: 14.68 min Scan# 1102
 Delta R.T. 0.02 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

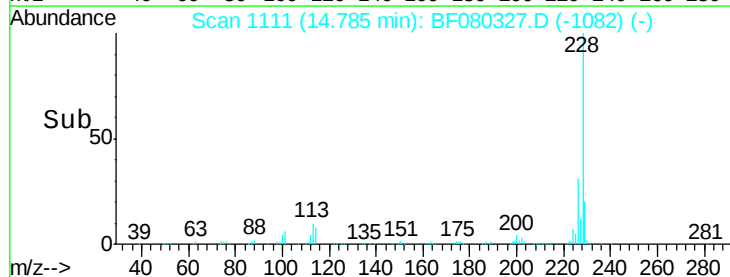
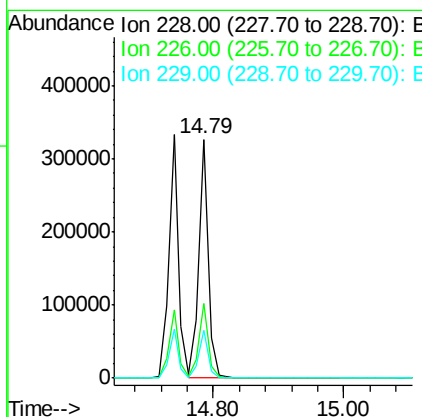
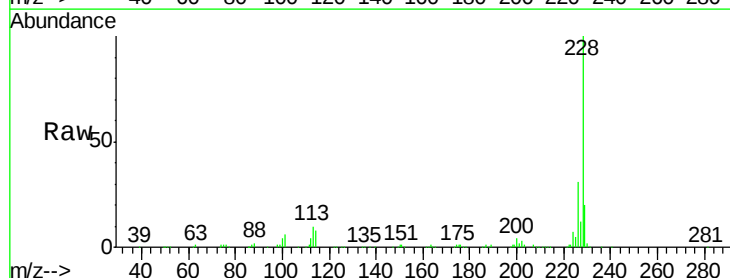
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03-S-UM

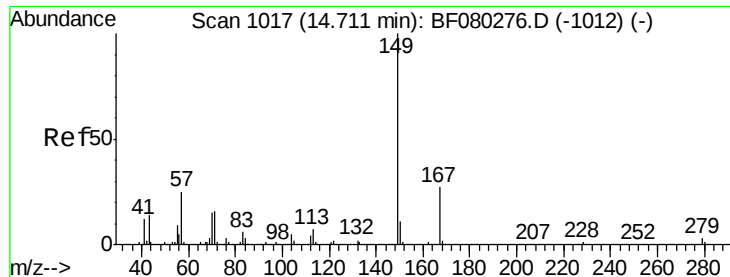
Tgt Ion: 252 Resp: 84444
 Ion Ratio Lower Upper
 252 100
 254 65.4 50.8 76.2
 126 12.1 9.0 13.6



#82
 Chrysene
 Concen: 38.49 ng
 RT: 14.79 min Scan# 1111
 Delta R.T. 0.03 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

Tgt Ion: 228 Resp: 326467
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.0 36.0
 229 19.9 15.4 23.0

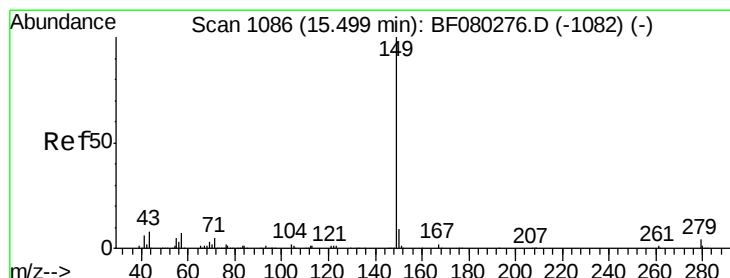
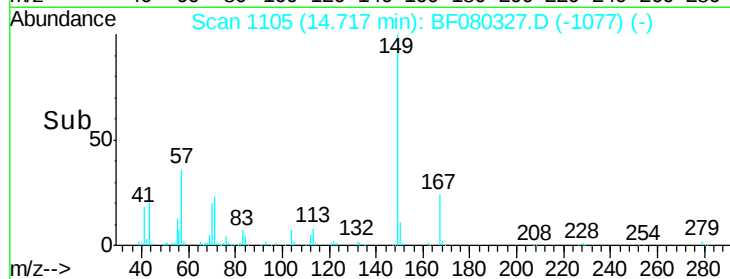
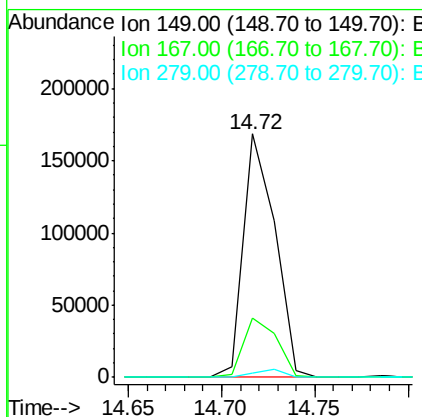
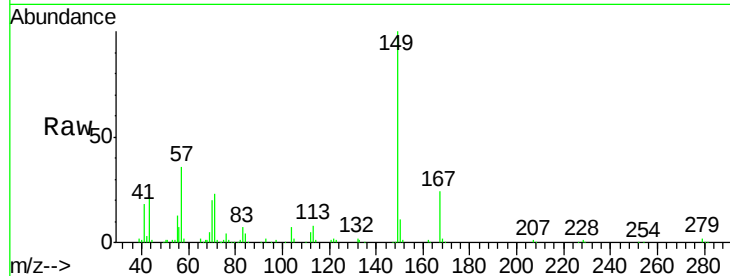




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.68 ng
 RT: 14.72 min Scan# 1105
 Delta R.T. 0.02 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

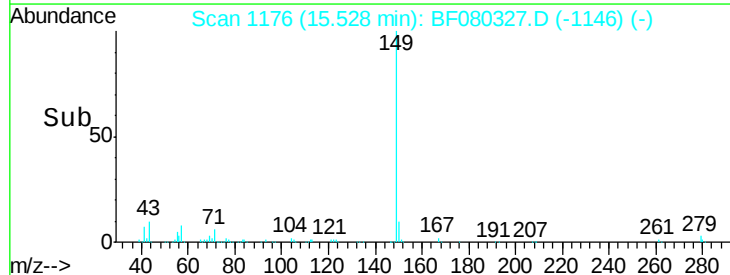
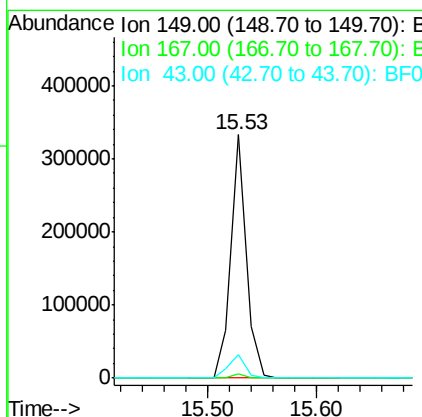
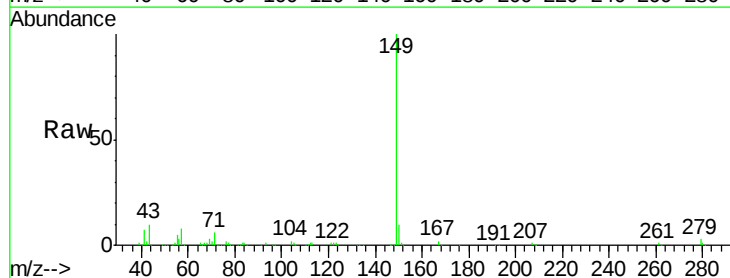
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03-S-UM

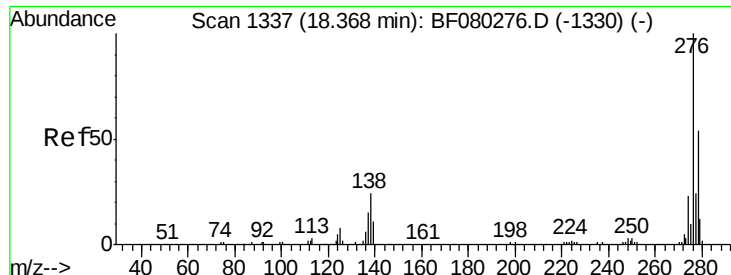
Tgt Ion:149 Resp: 198152
 Ion Ratio Lower Upper
 149 100
 167 24.2 21.7 32.5
 279 2.0 2.7 4.1#



#84
 Di-n-octyl phthalate
 Concen: 36.81 ng
 RT: 15.53 min Scan# 1176
 Delta R.T. 0.05 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

Tgt Ion:149 Resp: 326192
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.2 8.3 12.5

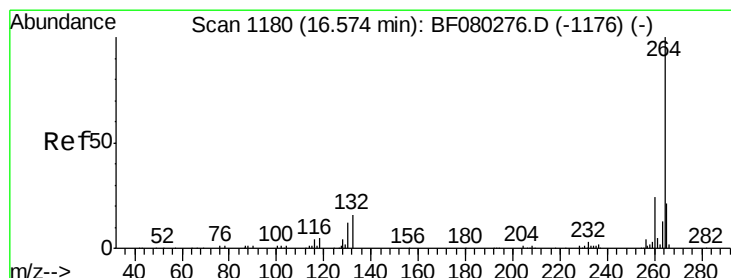
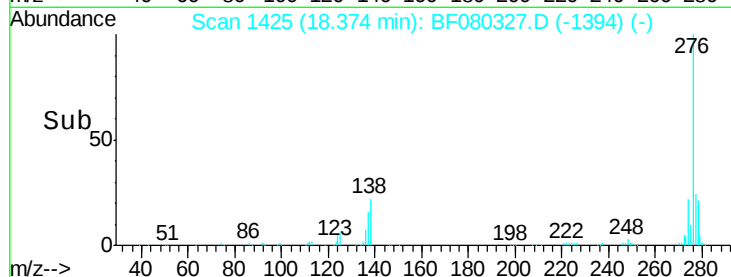
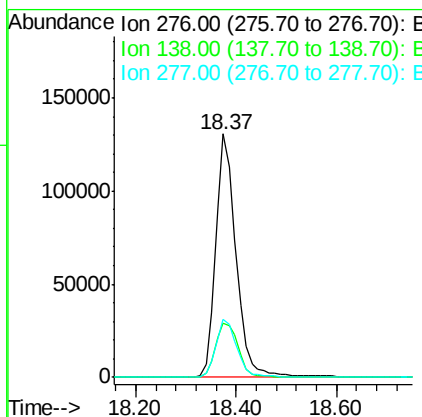
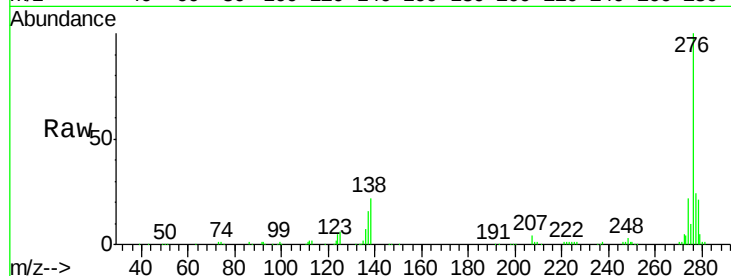




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.47 ng
 RT: 18.37 min Scan# 1425
 Delta R.T. 0.06 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

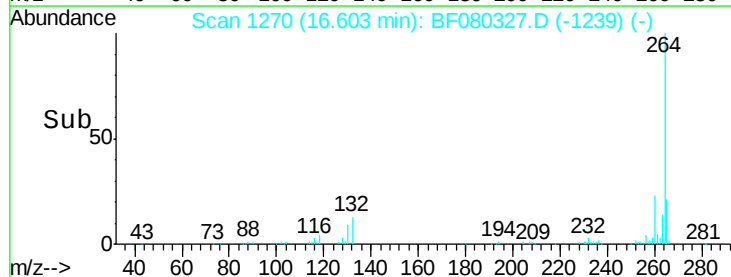
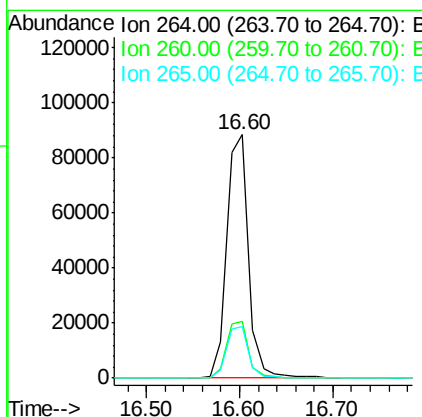
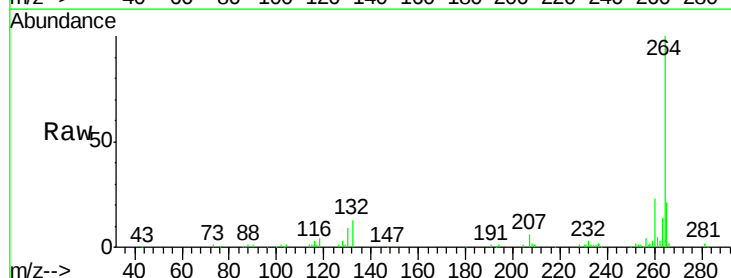
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03-S-UM

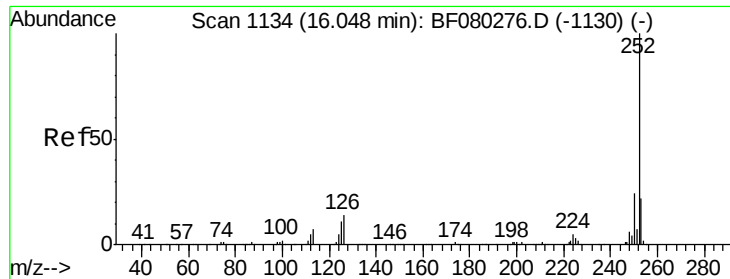
Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.2	21.0	31.6
277	24.7	19.4	29.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.60 min Scan# 1270
 Delta R.T. 0.06 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.3	16.9	25.3

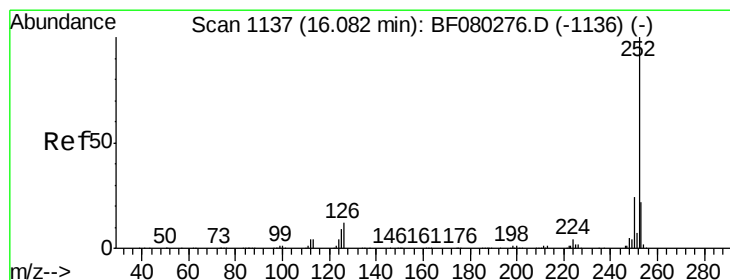
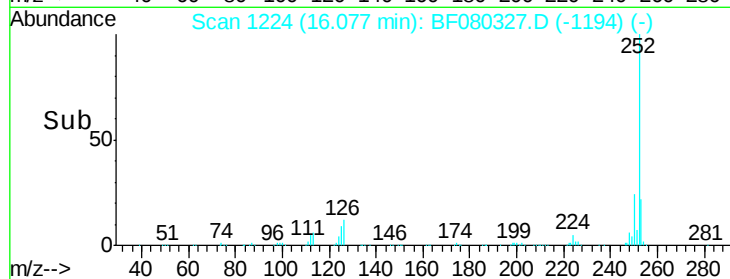
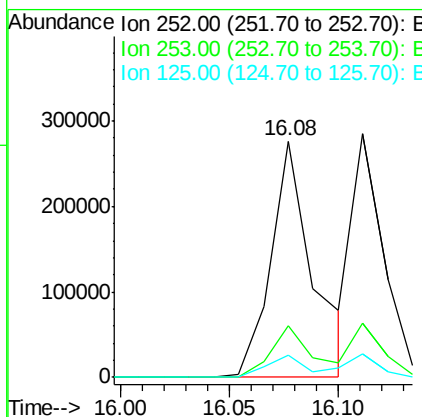
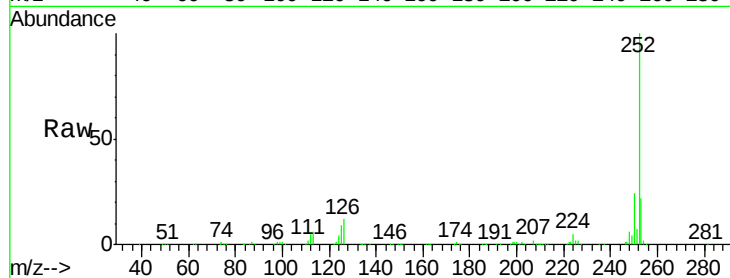




#87
Benzo(b)fluoranthene
Concen: 41.22 ng
RT: 16.08 min Scan# 1224
Delta R.T. 0.05 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

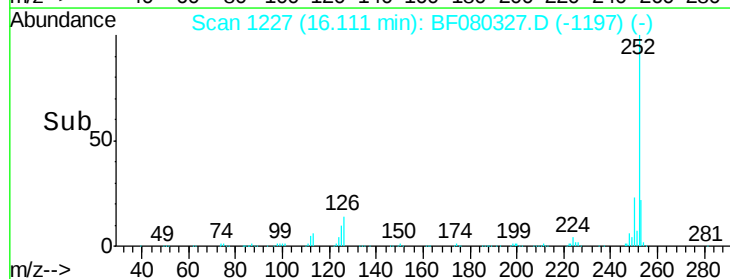
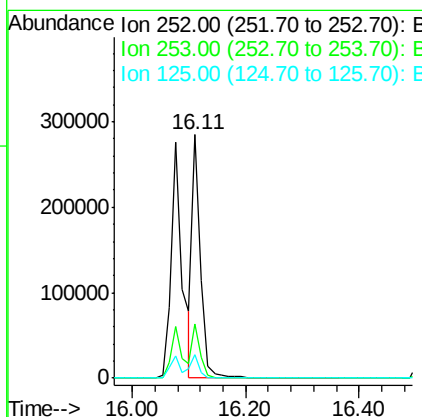
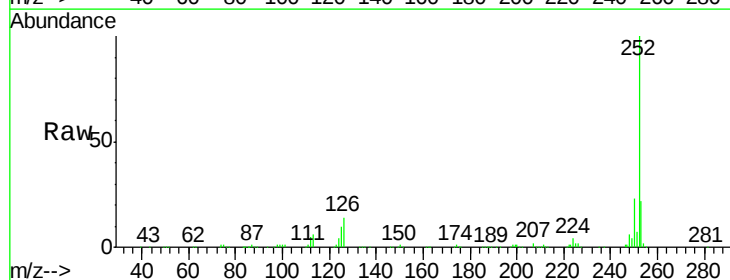
Instrument :
BNA_F
ClientSampleId :
IDOC-03-S-UM

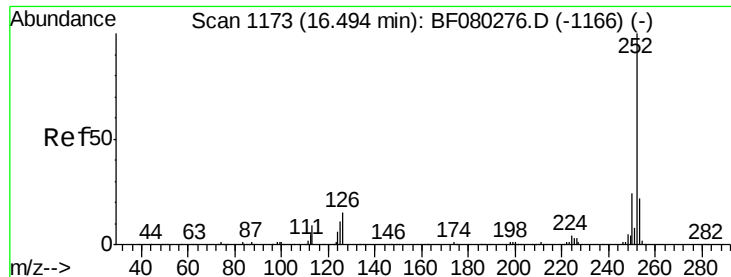
Tgt Ion:252 Resp: 373357
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 9.1 8.6 12.8



#88
Benzo(k)fluoranthene
Concen: 34.96 ng
RT: 16.11 min Scan# 1227
Delta R.T. 0.05 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

Tgt Ion:252 Resp: 298235
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 9.7 8.4 12.6





#89

Benzo(a)pyrene

Concen: 39.56 ng

RT: 16.52 min Scan# 1263

Delta R.T. 0.06 min

Lab File: BF080327.D

Acq: 3 Jul 2015 6:35

Instrument :

BNA_F

ClientSampleId :

IDOC-03-S-UM

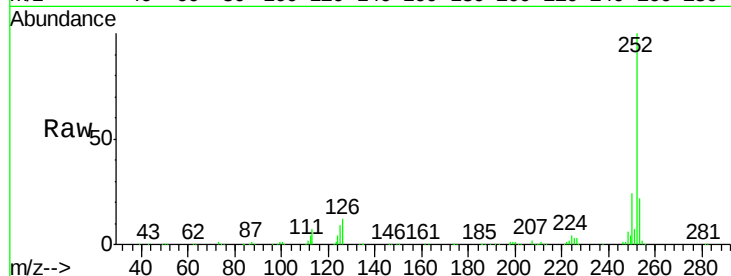
Tgt Ion:252 Resp: 326516

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

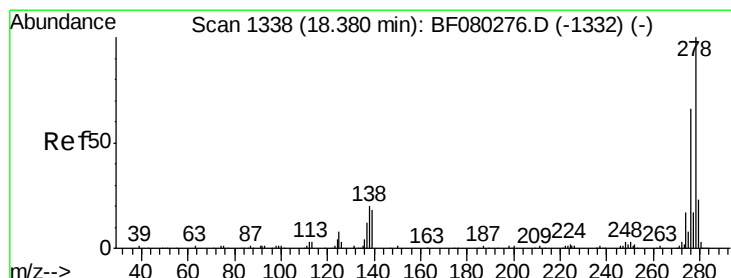
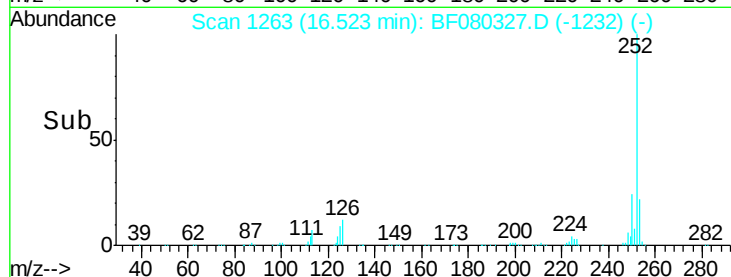
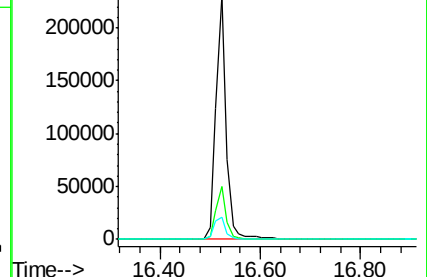
125 9.1 9.0 13.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.12 ng

RT: 18.40 min Scan# 1427

Delta R.T. 0.06 min

Lab File: BF080327.D

Acq: 3 Jul 2015 6:35

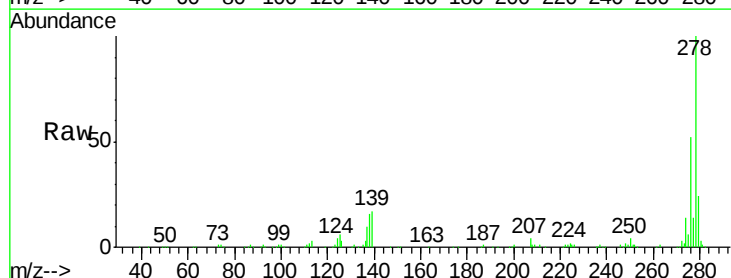
Tgt Ion:278 Resp: 310728

Ion Ratio Lower Upper

278 100

139 16.8 14.6 21.8

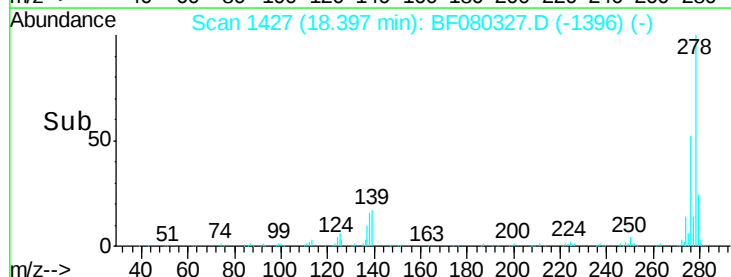
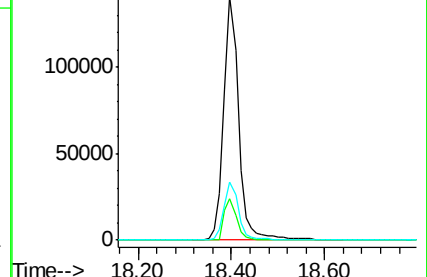
279 23.8 18.7 28.1

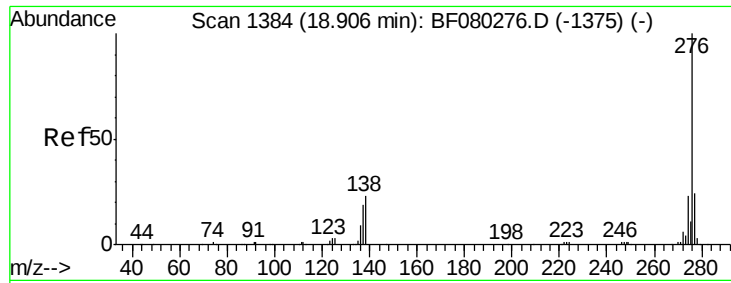


Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.05 ng

RT: 18.91 min Scan# 1472

Delta R.T. 0.06 min

Lab File: BF080327.D

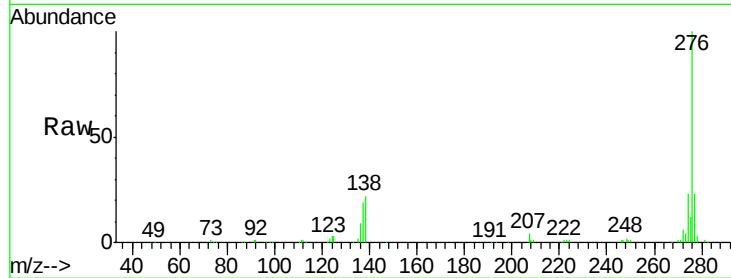
Acq: 3 Jul 2015 6:35

Instrument :

BNA_F

ClientSampleId :

IDOC-03-S-UM



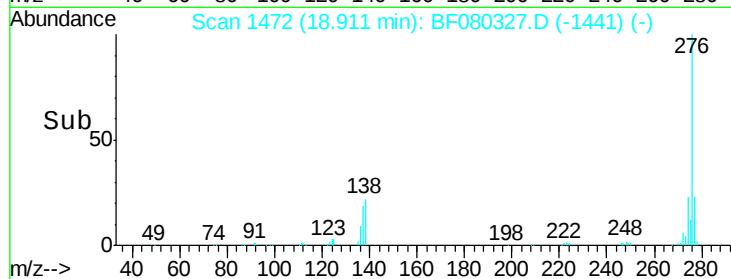
Tgt Ion: 276 Resp: 315484

Ion Ratio Lower Upper

276 100

277 22.8 19.0 28.6

138 22.0 18.1 27.1



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

