

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
 Data File : BF080332.D
 Acq On : 3 Jul 2015 8:59
 Operator : TP/IZ
 Sample : IDOC-04-W-UM
 Misc : IDOC-WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04-W-UM

Quant Time: Jul 03 23:02:05 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 22:57:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	37553	20.00	ng	0.00
21) Naphthalene-d8	8.53	136	142550	20.00	ng	0.00
38) Acenaphthene-d10	10.30	164	71873	20.00	ng	0.00
63) Phenanthrene-d10	11.80	188	152756	20.00	ng	0.00
75) Chrysene-d12	14.82	240	162643	20.00	ng	0.10
86) Perylene-d12	16.72	264	156177	20.00	ng	0.17

System Monitoring Compounds

5) 2-Fluorophenol	5.85	112	256629	118.34	ng	0.00
7) Phenol-d6	6.84	99	323919	111.27	ng	0.00
23) Nitrobenzene-d5	7.80	82	199038	76.88	ng	0.00
41) 2,4,6-Tribromophenol	11.09	330	90648	132.46	ng	0.00
44) 2-Fluorobiphenyl	9.61	172	428133	85.74	ng	0.00
78) Terphenyl-d14	13.52	244	489516	70.50	ng	0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.06	88	28987	111.39	ng	# 100
3) Pyridine	3.90	79	81880	30.51	ng	99
4) n-Nitrosodimethylamine	3.80	42	45542	38.09	ng	97
6) Aniline	6.90	93	74996	19.26	ng	89
8) 2-Chlorophenol	7.02	128	96545	40.53	ng	94
9) Benzaldehyde	6.78	77	36752	23.10	ng	97
10) Phenol	6.86	94	111844	34.74	ng	87
11) bis(2-Chloroethyl)ether	6.96	93	82921	34.05	ng	92
12) 1,3-Dichlorobenzene	7.18	146	108897	37.45	ng	97
13) 1,4-Dichlorobenzene	7.18	146	108897	37.62	ng	97
14) 1,2-Dichlorobenzene	7.41	146	105633	36.73	ng	96
15) Benzyl Alcohol	7.37	79	81279	36.27	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.50	45	136316	36.48	ng	100
17) 2-Methylphenol	7.48	107	70704	34.33	ng	# 93
18) Hexachloroethane	7.77	117	32441	35.89	ng	# 63
19) n-Nitroso-di-n-propylamine	7.63	70	62551	32.32	ng	90
20) 3+4-Methylphenols	7.63	107	101767	37.20	ng	90
22) Acetophenone	7.64	105	139943	42.02	ng	# 94
24) Nitrobenzene	7.81	77	95486	35.57	ng	93
25) Isophorone	8.05	82	182648	36.30	ng	96
26) 2-Nitrophenol	8.14	139	41997	35.82	ng	# 73
27) 2,4-Dimethylphenol	8.17	122	82302	38.24	ng	91
28) bis(2-Chloroethoxy)methane	8.26	93	119950	39.72	ng	97
29) 2,4-Dichlorophenol	8.37	162	77008	38.74	ng	95
30) 1,2,4-Trichlorobenzene	8.48	180	80930	34.90	ng	# 93
31) Naphthalene	8.56	128	273602	37.68	ng	99
32) Benzoic acid	8.22	122	32170	65.32	ng	95
33) 4-Chloroaniline	8.59	127	49350	16.02	ng	96
34) Hexachlorobutadiene	8.67	225	51790	35.46	ng	99
35) Caprolactam	8.93	113	22724	37.68	ng	# 71
36) 4-Chloro-3-methylphenol	9.06	107	79579	36.98	ng	86
37) 2-Methylnaphthalene	9.24	142	182297	36.66	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.41	216	84567	35.36	ng	# 97
40) Hexachlorocyclopentadiene	9.40	237	72279	77.03	ng	98

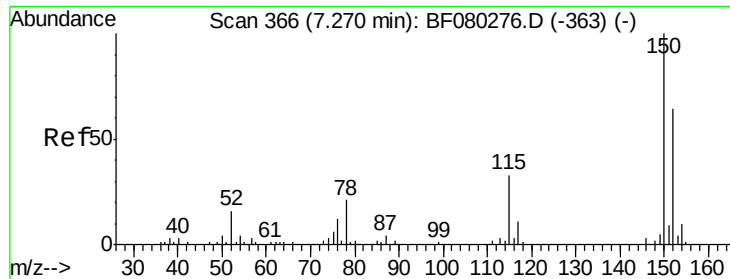
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
 Data File : BF080332.D
 Acq On : 3 Jul 2015 8:59
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 Sample : IDOC-04-W-UM
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 03 22:57:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.53	196	51466	33.99	ng	99
43) 2,4,5-Trichlorophenol	9.56	196	64447	39.51	ng #	94
45) 1,1'-Biphenyl	9.71	154	243393	39.82	ng	98
46) 2-Chloronaphthalene	9.74	162	174994	36.99	ng #	90
47) 2-Nitroaniline	9.82	65	56863	41.79	ng #	83
48) Acenaphthylene	10.16	152	288383	35.10	ng	99
49) Dimethylphthalate	10.00	163	219579	39.99	ng	99
50) 2,6-Dinitrotoluene	10.06	165	47402	42.23	ng #	71
51) Acenaphthene	10.33	154	184616	39.03	ng	98
52) 3-Nitroaniline	10.24	138	28896	22.44	ng	93
53) 2,4-Dinitrophenol	10.34	184	40590	85.51	ng #	28
54) Dibenzofuran	10.51	168	260062	38.95	ng #	89
55) 4-Nitrophenol	10.38	139	80544	84.63	ng #	72
56) 2,4-Dinitrotoluene	10.48	165	58198	39.99	ng #	62
57) Fluorene	10.85	166	216861	39.16	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.62	232	50913	40.05	ng	97
59) Diethylphthalate	10.70	149	223180	42.77	ng	95
60) 4-Chlorophenyl-phenylether	10.83	204	95278	38.05	ng	92
61) 4-Nitroaniline	10.84	138	45743	34.96	ng	93
62) Azobenzene	10.99	77	190853	35.55	ng	94
64) 4,6-Dinitro-2-methylphenol	10.89	198	27789	44.75	ng #	47
65) n-Nitrosodiphenylamine	10.94	169	171532	34.17	ng	99
66) 4-Bromophenyl-phenylether	11.33	248	65082	39.42	ng #	92
67) Hexachlorobenzene	11.41	284	67624	38.22	ng #	93
68) Atrazine	11.47	200	55101	36.31	ng	95
69) Pentachlorophenol	11.60	266	66037	69.71	ng	99
70) Phenanthrene	11.82	178	315300	34.45	ng	99
71) Anthracene	11.88	178	337978	38.49	ng	99
72) Carbazole	12.03	167	286025	34.83	ng #	97
73) Di-n-butylphthalate	12.37	149	342772	38.91	ng	99
74) Fluoranthene	13.11	202	357870	37.85	ng	99
76) Benzidine	13.23	184	105499	22.15	ng	98
77) Pyrene	13.37	202	375955	36.11	ng	99
79) Butylbenzylphthalate	14.08	149	143701	36.00	ng #	76
80) Benzo(a)anthracene	14.81	228	358931	36.52	ng	99
81) 3,3'-Dichlorobenzidine	14.75	252	87237	27.19	ng	100
82) Chrysene	14.85	228	336420	37.13	ng	100
83) Bis(2-ethylhexyl)phthalate	14.80	149	211164	37.58	ng	99
84) Di-n-octyl phthalate	15.63	149	351901	37.17	ng	99
85) Indeno(1,2,3-cd)pyrene	18.50	276	383608	37.66	ng	98
87) Benzo(b)fluoranthene	16.23	252	359623	36.46	ng	98
88) Benzo(k)fluoranthene	16.23	252	359837	38.73	ng	98
89) Benzo(a)pyrene	16.64	252	343973	38.26	ng	98
90) Dibenzo(a,h)anthracene	18.52	278	328860	38.99	ng	97
91) Benzo(g,h,i)perylene	19.04	276	325848	37.03	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: BF080332.D

Acq: 3 Jul 2015 8:59

Instrument :

BNA_F

ClientSampleId :

IDOC-04-W-UM

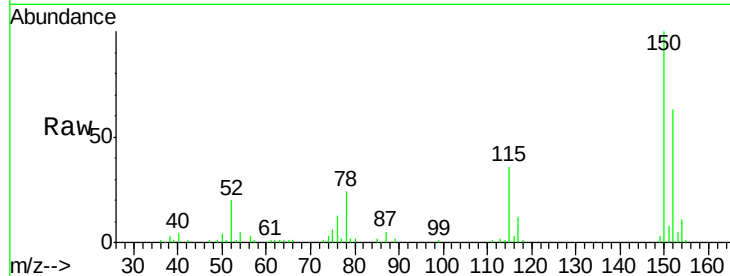
Tgt Ion:152 Resp: 37553

Ion Ratio Lower Upper

152 100

150 158.3 124.7 187.1

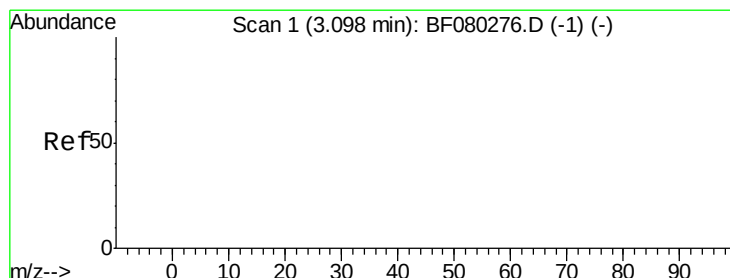
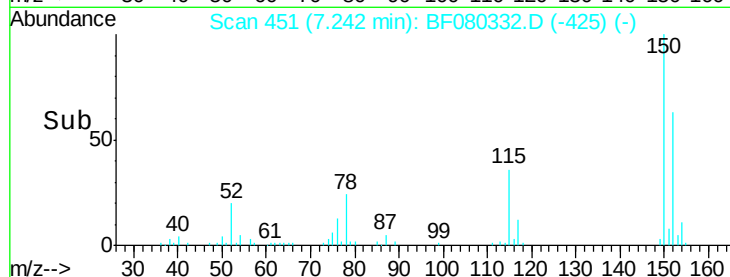
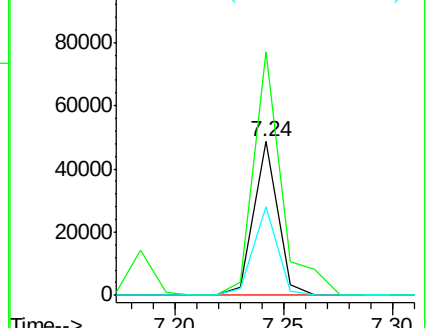
115 57.4 41.0 61.6



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: 111.39 ng

RT: 3.06 min Scan# 85

Delta R.T. 0.03 min

Lab File: BF080332.D

Acq: 3 Jul 2015 8:59

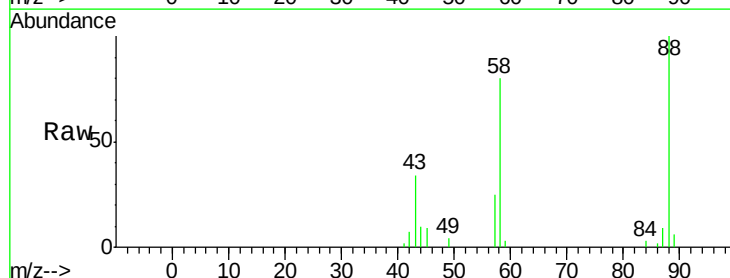
Tgt Ion: 88 Resp: 28987

Ion Ratio Lower Upper

88 100

58 89.0 0.0 0.0#

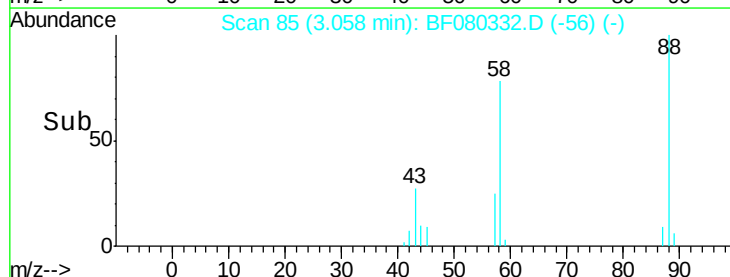
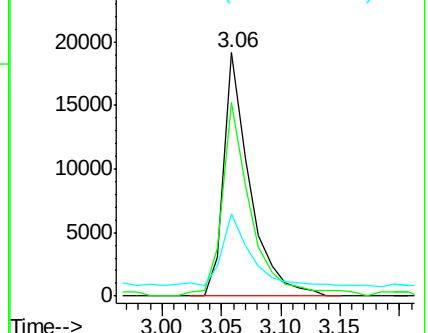
43 34.2 0.0 0.0#

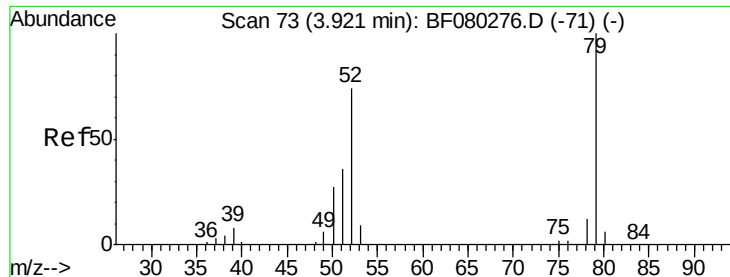


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 30.51 ng

RT: 3.90 min Scan# 159

Delta R.T. 0.02 min

Lab File: BF080332.D

Acq: 3 Jul 2015 8:59

Instrument :

BNA_F

ClientSampleId :

IDOC-04-W-UM

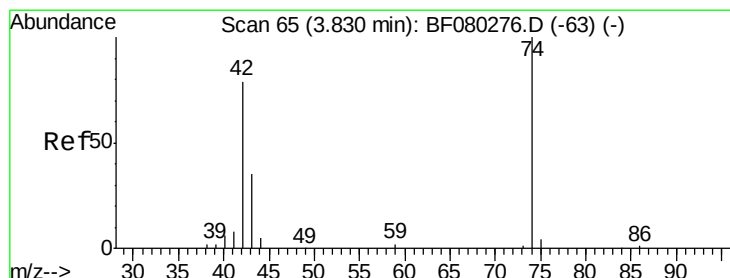
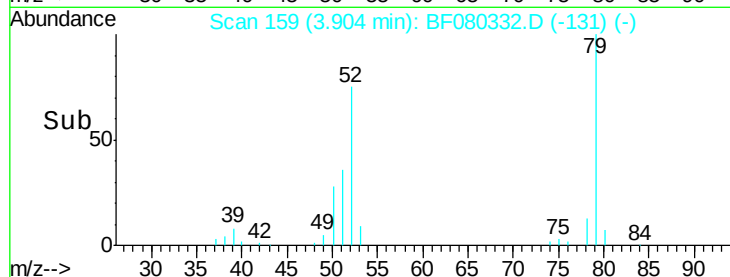
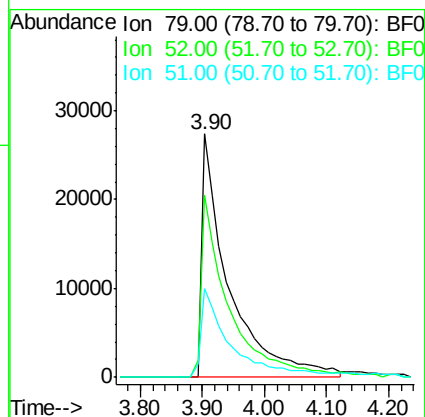
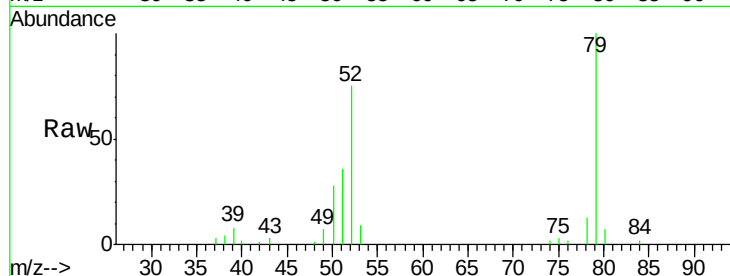
Tgt Ion: 79 Resp: 81880

Ion Ratio Lower Upper

79 100

52 74.9 59.3 88.9

51 36.4 29.0 43.6



#4

n-Nitrosodimethylamine

Concen: 38.09 ng

RT: 3.80 min Scan# 150

Delta R.T. 0.01 min

Lab File: BF080332.D

Acq: 3 Jul 2015 8:59

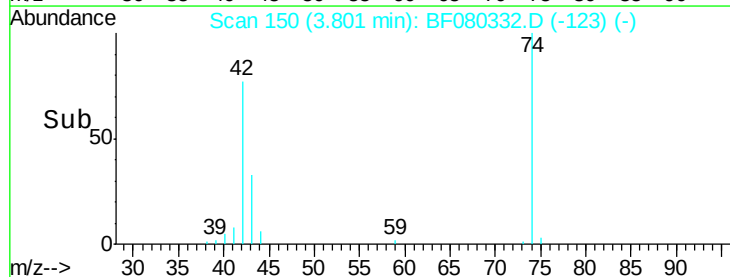
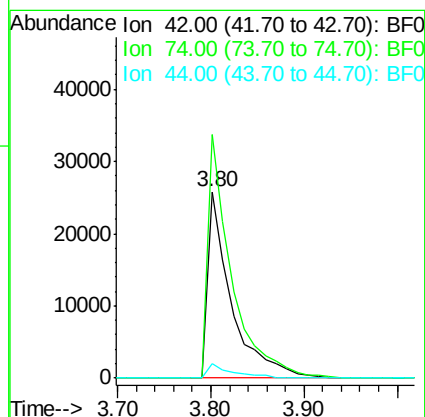
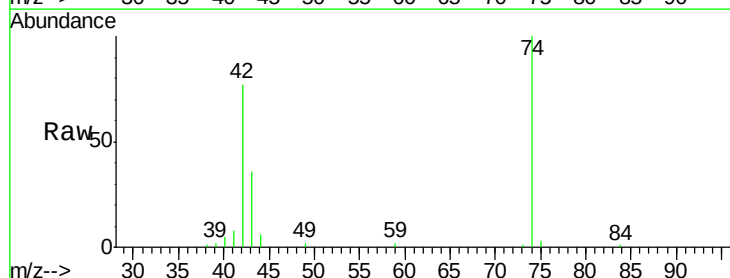
Tgt Ion: 42 Resp: 45542

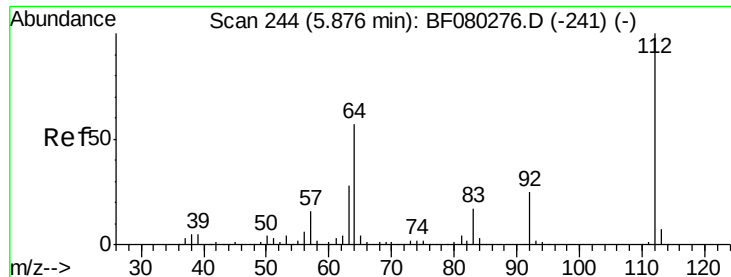
Ion Ratio Lower Upper

42 100

74 130.7 101.4 152.2

44 7.6 6.3 9.5





#5

2-Fluorophenol

Concen: 118.34 ng

RT: 5.85 min Scan# 329

Delta R.T. 0.00 min

Lab File: BF080332.D

Acq: 3 Jul 2015 8:59

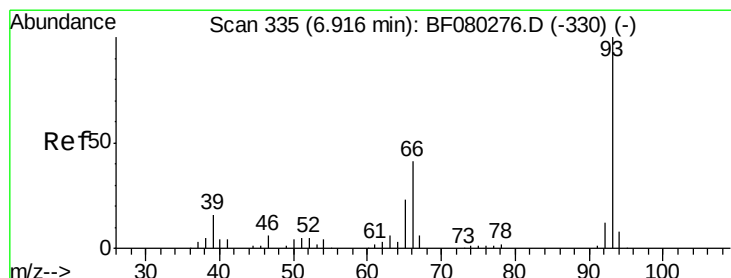
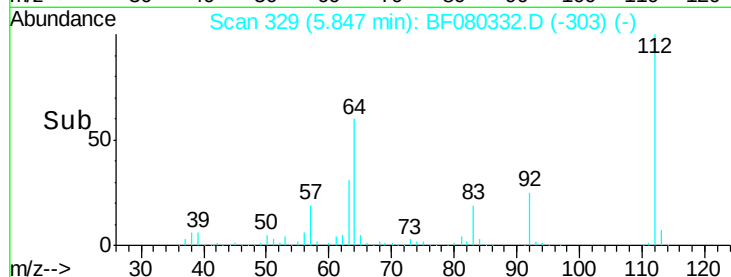
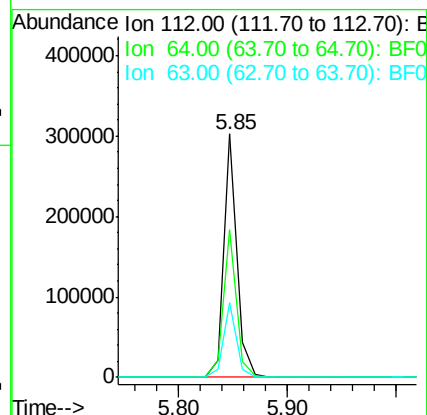
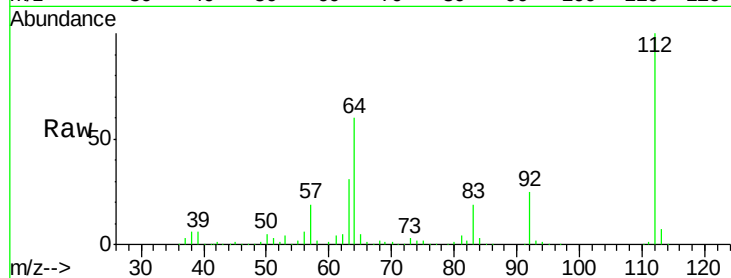
Instrument :

BNA_F

ClientSampleId :

IDOC-04-W-UM

Tgt Ion:	112	Resp:	256629
Ion	Ratio	Lower	Upper
112	100		
64	60.5	45.5	68.3
63	30.6	22.4	33.6



#6

Aniline

Concen: 19.26 ng

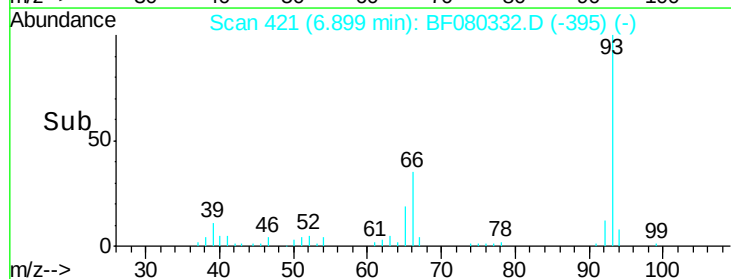
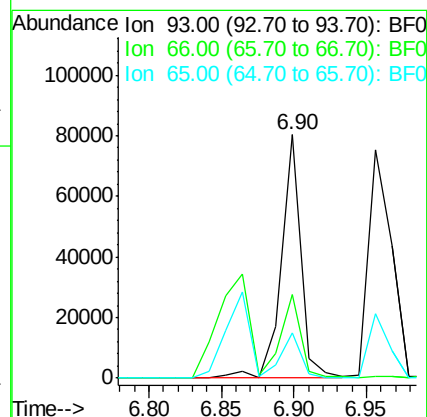
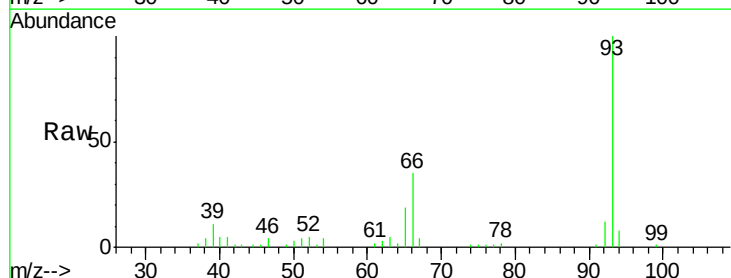
RT: 6.90 min Scan# 421

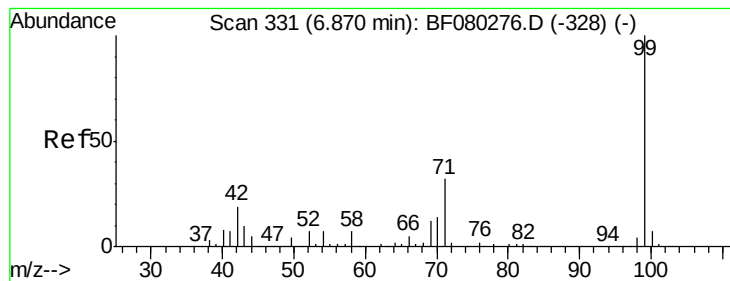
Delta R.T. 0.00 min

Lab File: BF080332.D

Acq: 3 Jul 2015 8:59

Tgt Ion:	93	Resp:	74996
Ion	Ratio	Lower	Upper
93	100		
66	34.5	33.7	50.5
65	18.5	18.3	27.5





#7

Phenol-d6

Concen: 111.27 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF080332.D

Acq: 3 Jul 2015 8:59

Instrument :

BNA_F

ClientSampleId :

IDOC-04-W-UM

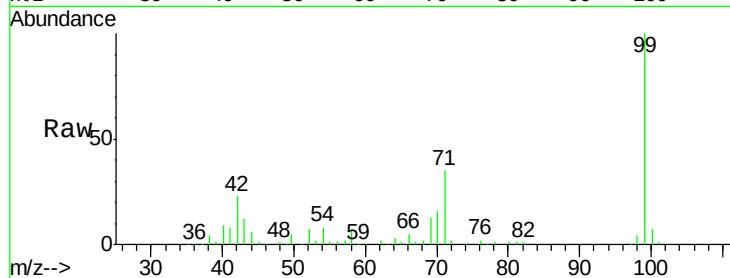
Tgt Ion: 99 Resp: 323919

Ion Ratio Lower Upper

99 100

42 22.8 15.4 23.2

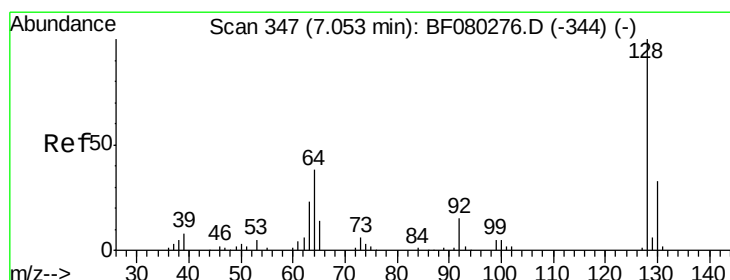
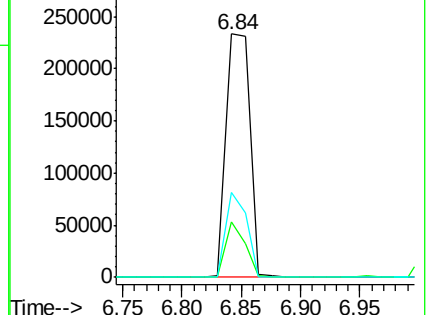
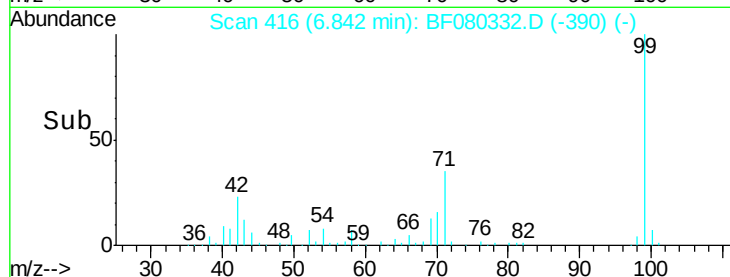
71 34.9 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.53 ng

RT: 7.02 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF080332.D

Acq: 3 Jul 2015 8:59

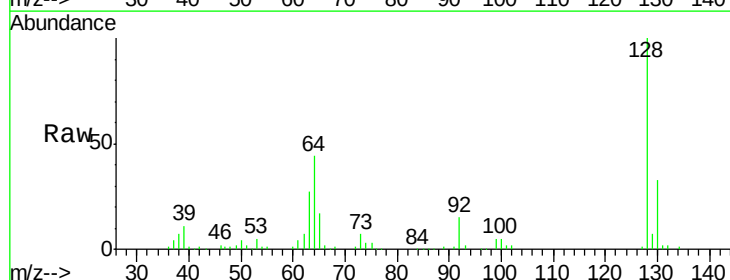
Tgt Ion: 128 Resp: 96545

Ion Ratio Lower Upper

128 100

130 32.5 13.4 53.4

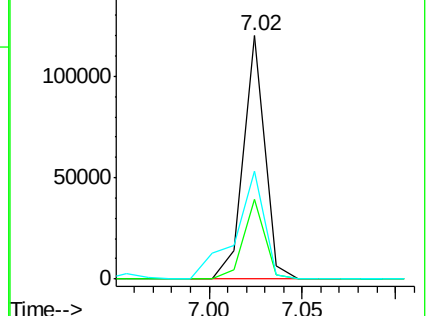
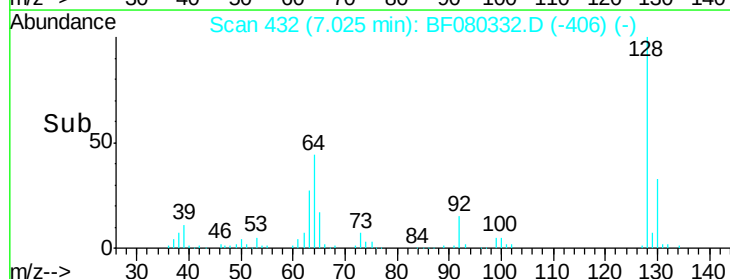
64 44.4 18.5 58.5

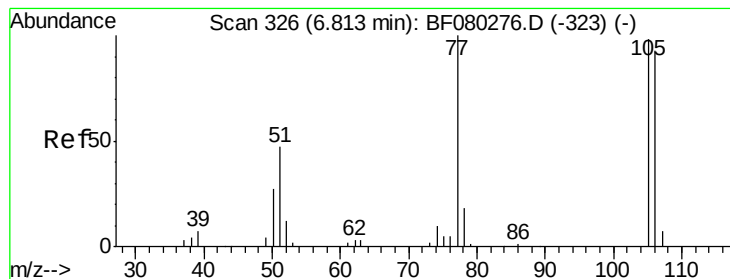


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 23.10 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF080332.D

Acq: 3 Jul 2015 8:59

Instrument :

BNA_F

ClientSampleId :

IDOC-04-W-UM

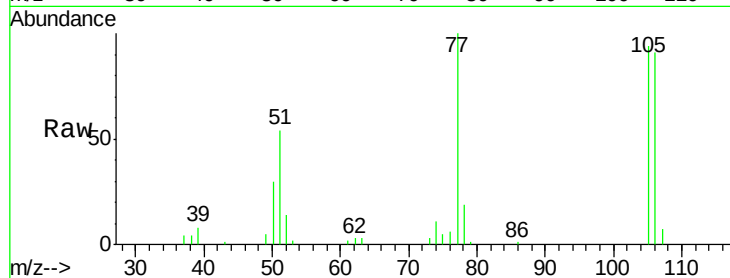
Tgt Ion: 77 Resp: 36752

Ion Ratio Lower Upper

77 100

105 93.7 78.2 118.2

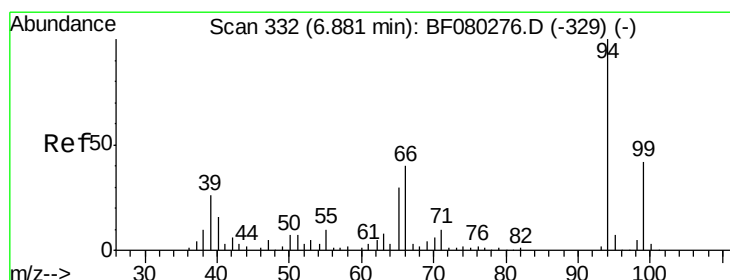
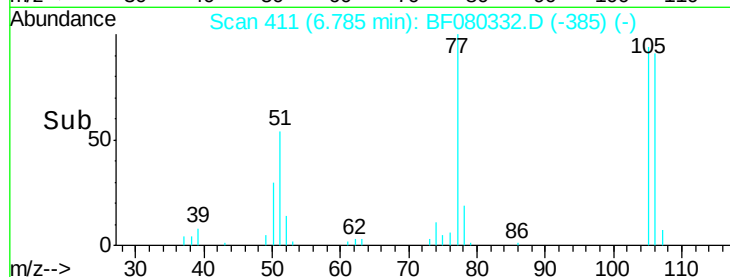
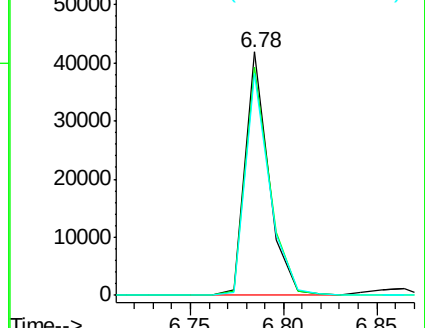
106 91.1 72.5 112.5



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: 34.74 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.01 min

Lab File: BF080332.D

Acq: 3 Jul 2015 8:59

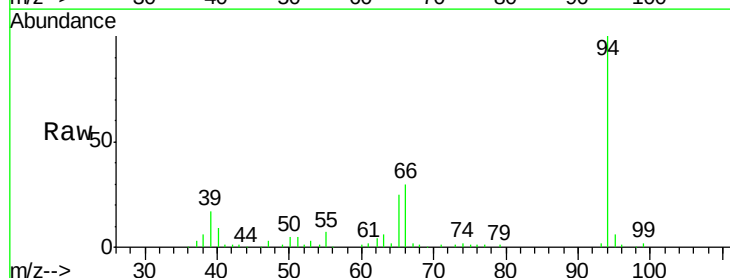
Tgt Ion: 94 Resp: 111844

Ion Ratio Lower Upper

94 100

65 24.7 9.6 49.6

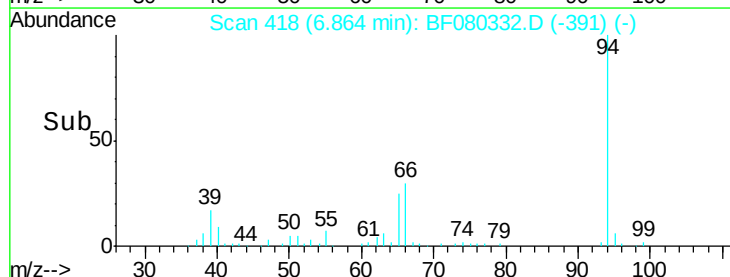
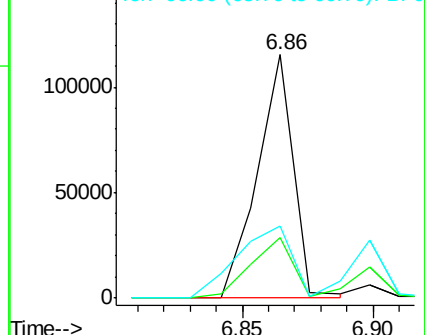
66 29.6 19.7 59.7

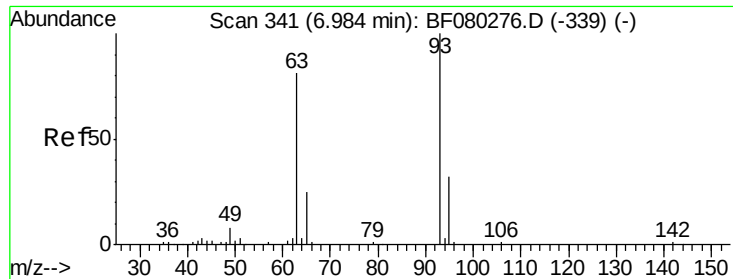


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 34.05 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF080332.D

Acq: 3 Jul 2015 8:59

Instrument :

BNA_F

ClientSampleId :

IDOC-04-W-UM

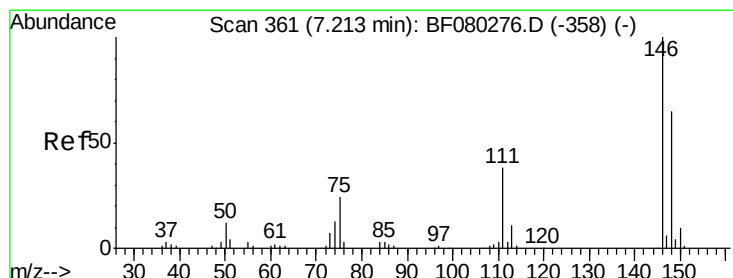
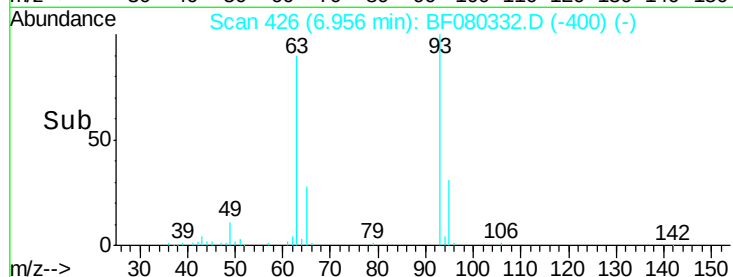
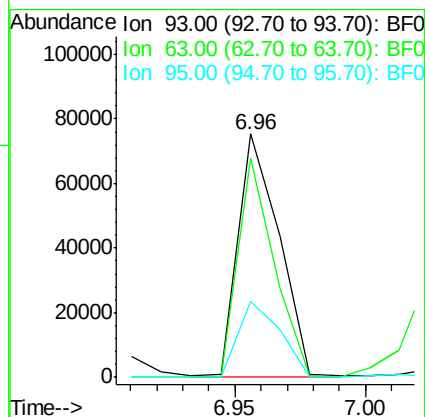
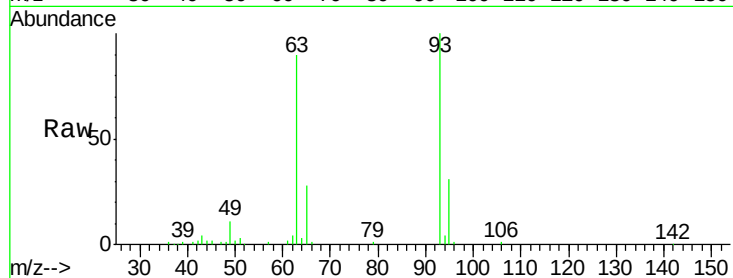
Tgt Ion: 93 Resp: 82921

Ion Ratio Lower Upper

93 100

63 90.0 61.0 101.0

95 31.1 12.0 52.0



#12

1,3-Dichlorobenzene

Concen: 37.45 ng

RT: 7.18 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF080332.D

Acq: 3 Jul 2015 8:59

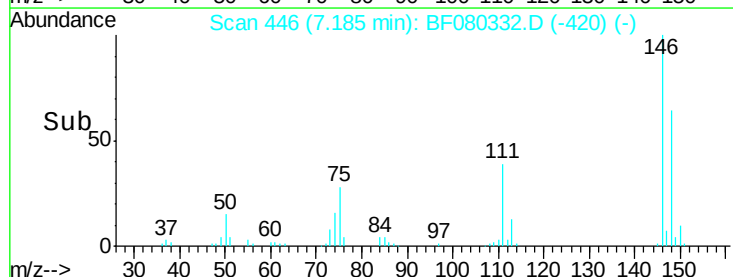
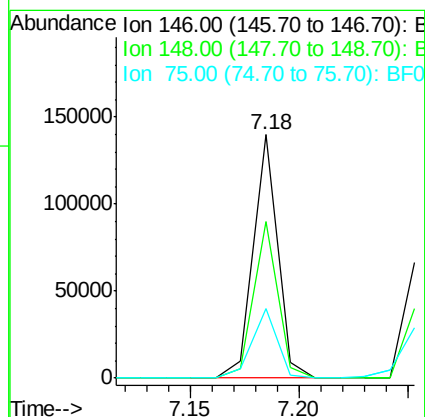
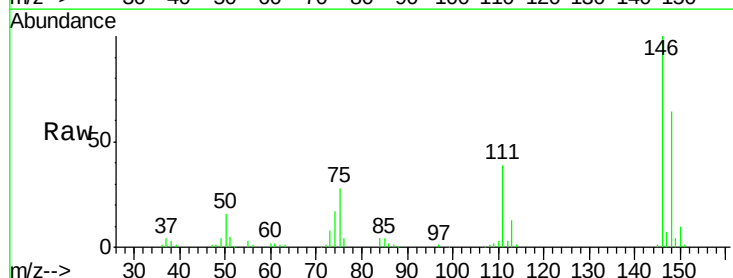
Tgt Ion: 146 Resp: 108897

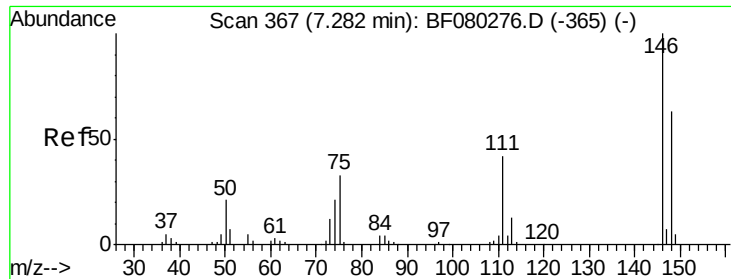
Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.6

75 28.3 19.4 29.2

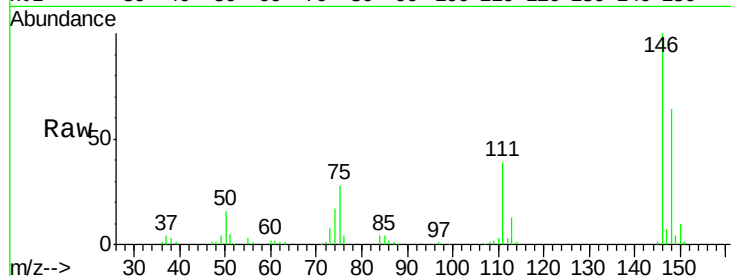




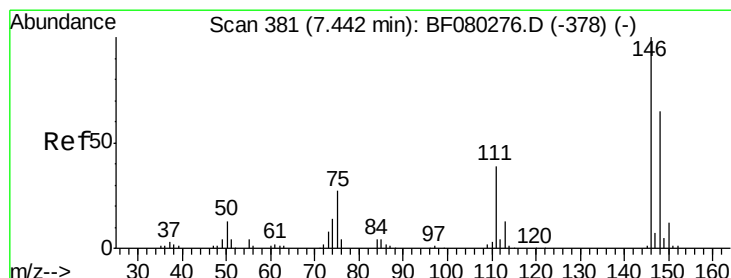
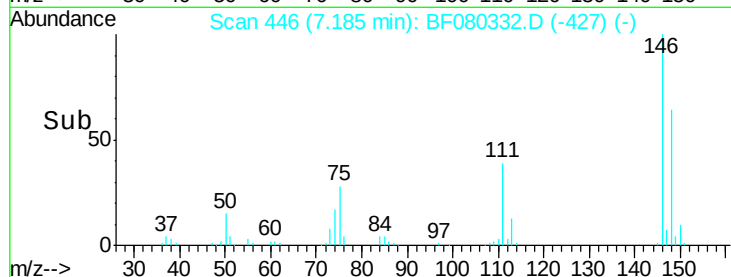
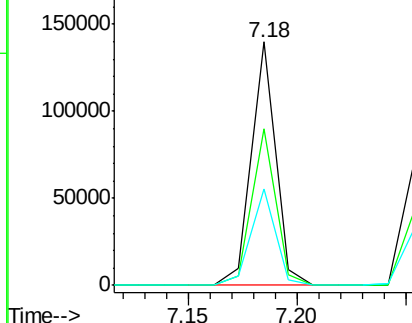
#13
 1,4-Dichlorobenzene
 Concen: 37.62 ng
 RT: 7.18 min Scan# 446
 Delta R.T. -0.08 min
 Lab File: BF080332.D
 Acq: 3 Jul 2015 8:59

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04-W-UM

Tgt Ion:146 Resp: 108897
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.2 75.2
 111 39.5 33.8 50.8

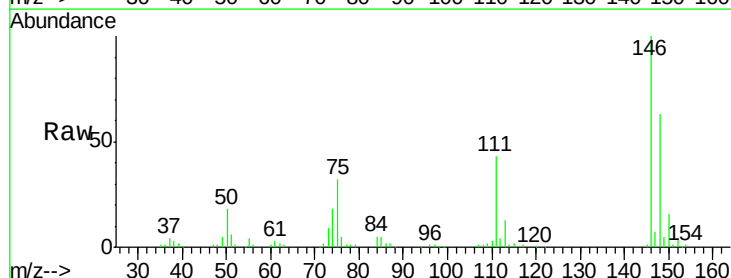


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

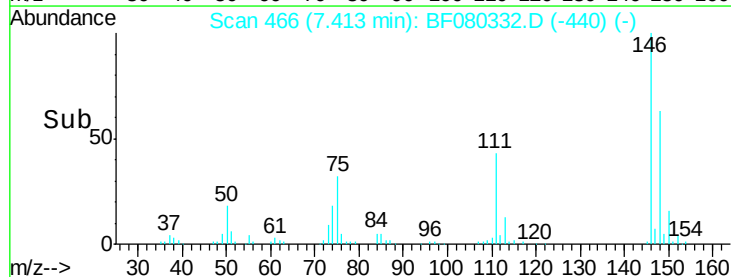
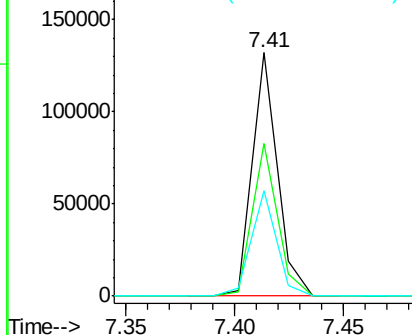


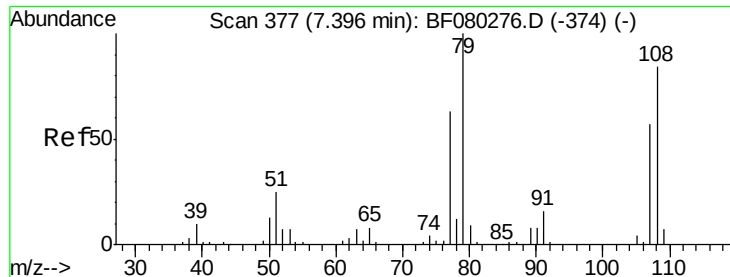
#14
 1,2-Dichlorobenzene
 Concen: 36.73 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF080332.D
 Acq: 3 Jul 2015 8:59

Tgt Ion:146 Resp: 105633
 Ion Ratio Lower Upper
 146 100
 148 62.8 52.2 78.4
 111 43.2 31.6 47.4



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

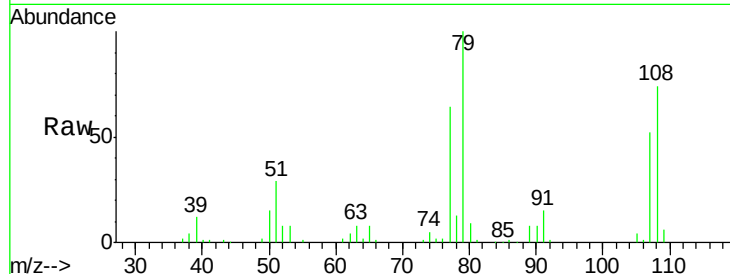




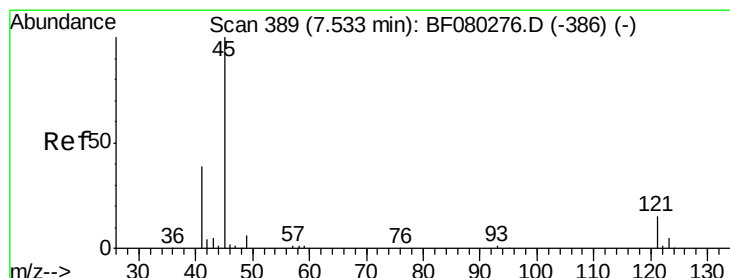
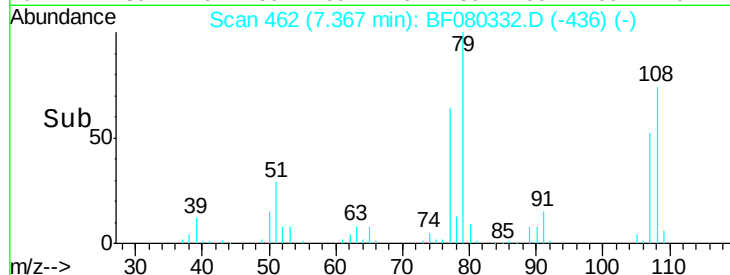
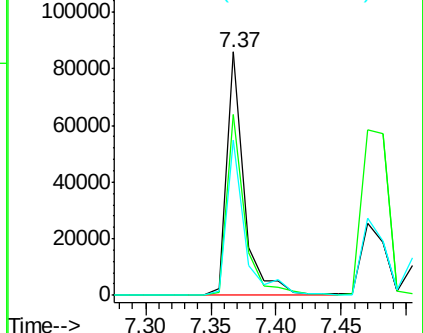
#15
Benzyl Alcohol
Concen: 36.27 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF080332.D
Acq: 3 Jul 2015 8:59

Instrument :
BNA_F
ClientSampleId :
IDOC-04-W-UM

Tgt Ion: 79 Resp: 81279
Ion Ratio Lower Upper
79 100
108 74.1 67.1 100.7
77 63.6 50.7 76.1

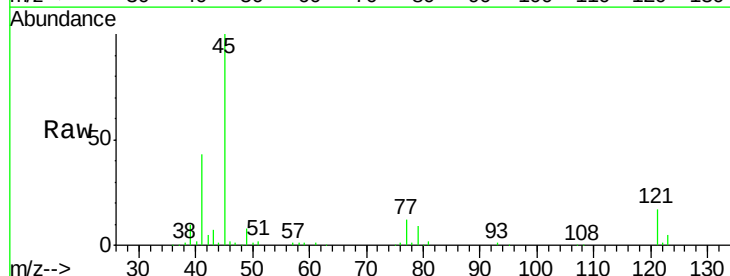


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

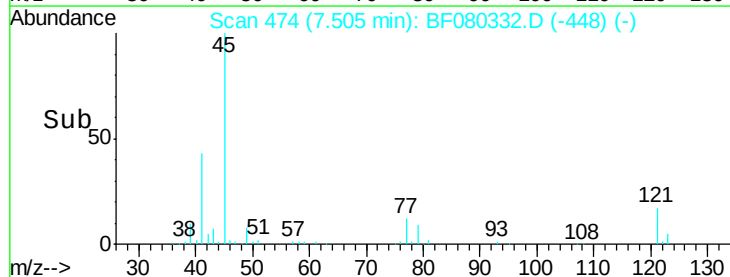
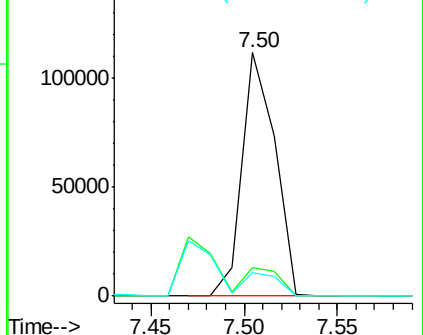


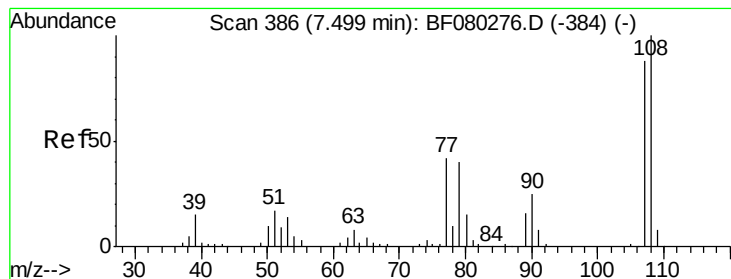
#16
2,2'-oxybis(1-chloropropane)
Concen: 36.48 ng
RT: 7.50 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF080332.D
Acq: 3 Jul 2015 8:59

Tgt Ion: 45 Resp: 136316
Ion Ratio Lower Upper
45 100
77 12.0 0.0 32.0
79 9.5 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: 34.33 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.01 min

Lab File: BF080332.D

Acq: 3 Jul 2015 8:59

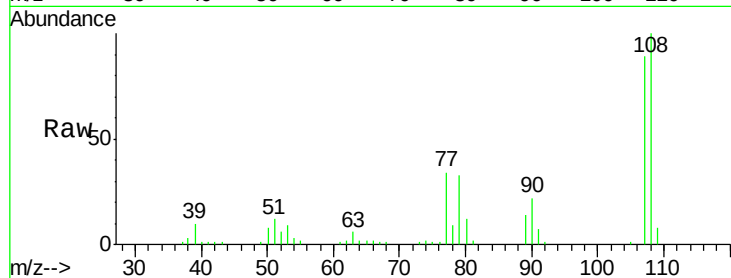
Instrument :

BNA_F

ClientSampleId :

IDOC-04-W-UM

Tgt Ion:	107	Resp:	70704
Ion	Ratio	Lower	Upper
107	100		
108	112.1	90.6	136.0
77	37.9	38.0	57.0#
79	36.7	36.4	54.6

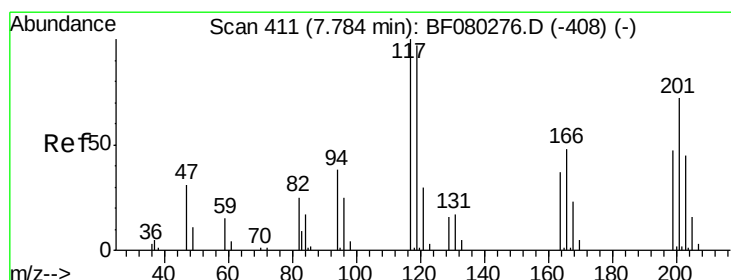
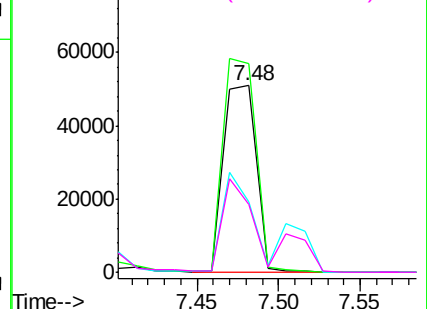
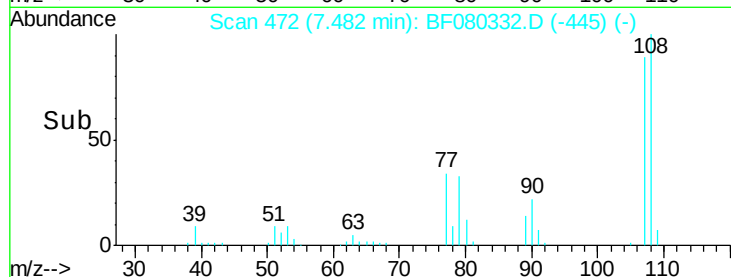


Abundance Ion 107.00 (106.70 to 107.70): E

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: 35.89 ng

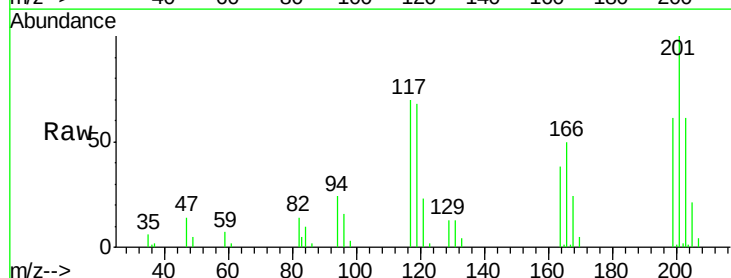
RT: 7.77 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF080332.D

Acq: 3 Jul 2015 8:59

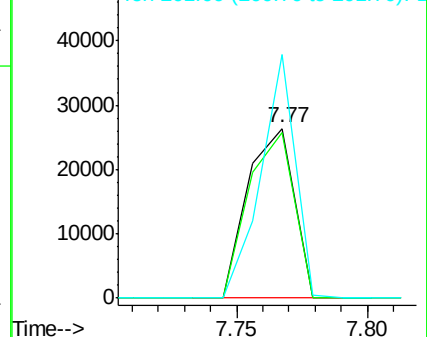
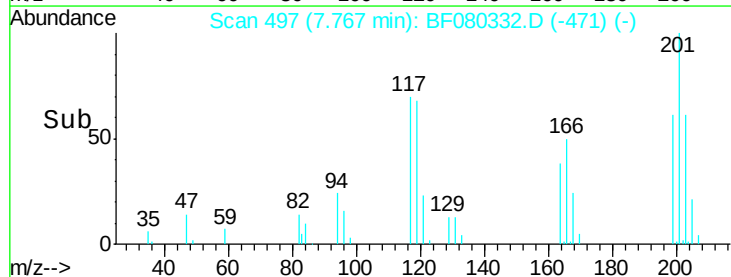
Tgt Ion:	117	Resp:	32441
Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.3	115.9
201	143.2	57.5	86.3#

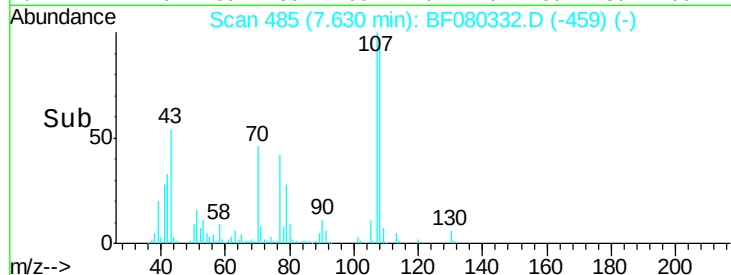
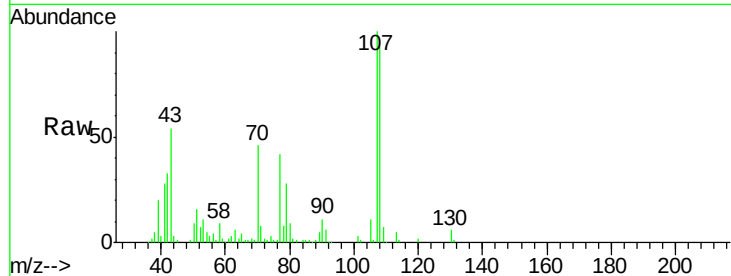
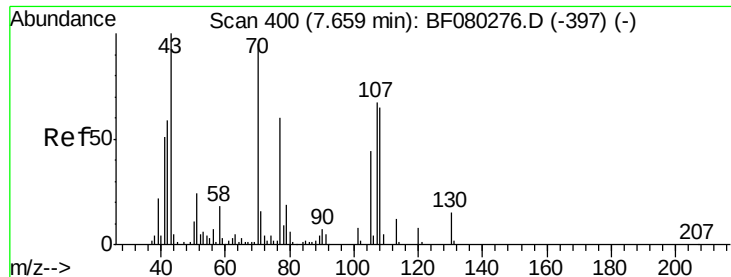


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

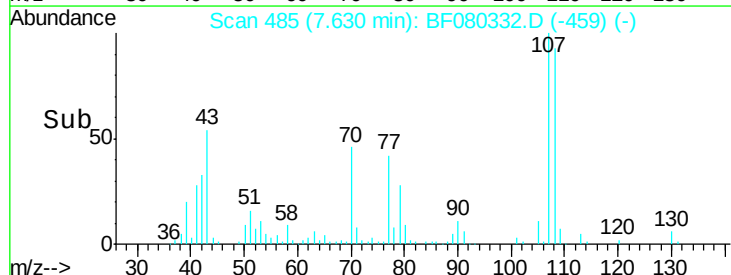
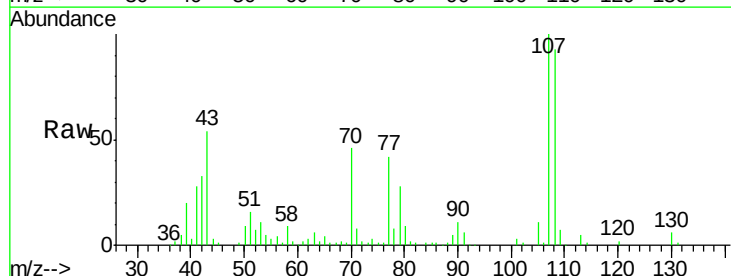
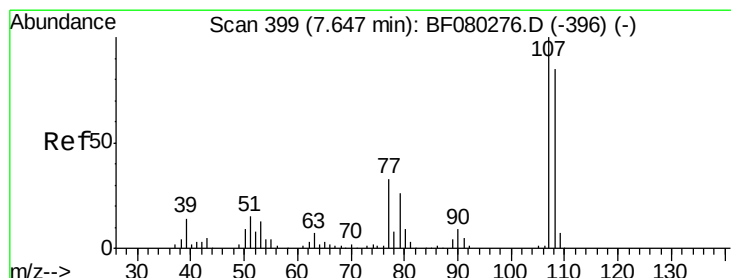
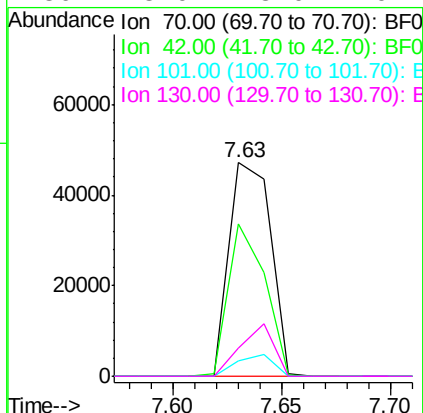




#19
n-Nitroso-di-n-propylamine
Concen: 32.32 ng
RT: 7.63 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF080332.D
Acq: 3 Jul 2015 8:59

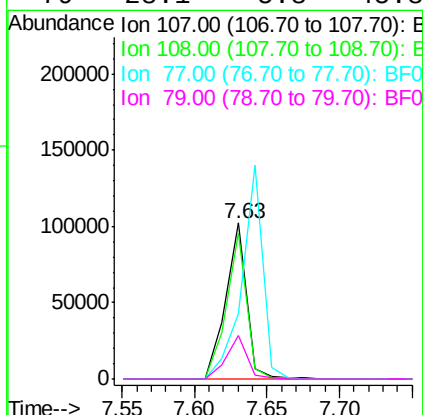
Instrument :
BNA_F
ClientSampleId :
IDOC-04-W-UM

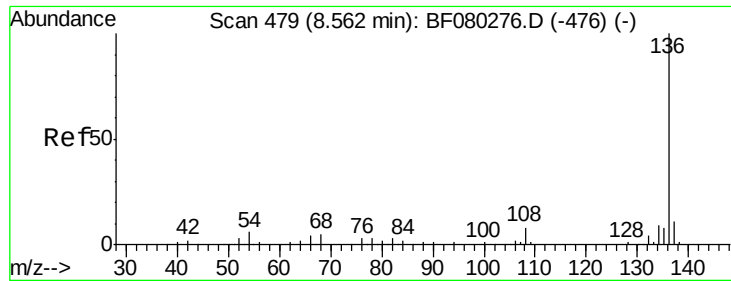
Tgt Ion:	70	Resp:	62551
Ion	Ratio	Lower	Upper
70	100		
42	71.5	49.8	74.8
101	7.1	6.8	10.2
130	13.0	13.0	19.4



#20
3+4-Methylphenols
Concen: 37.20 ng
RT: 7.63 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF080332.D
Acq: 3 Jul 2015 8:59

Tgt Ion:	107	Resp:	101767
Ion	Ratio	Lower	Upper
107	100		
108	93.4	64.9	104.9
77	41.8	12.9	52.9
79	28.1	5.8	45.8

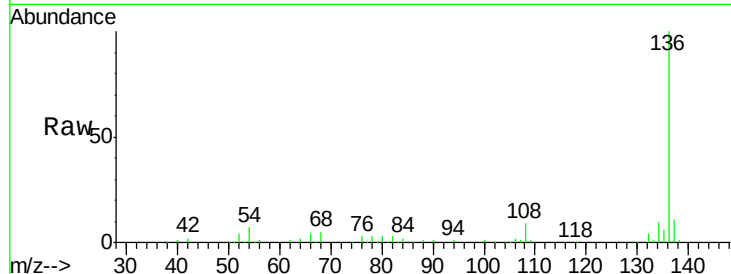




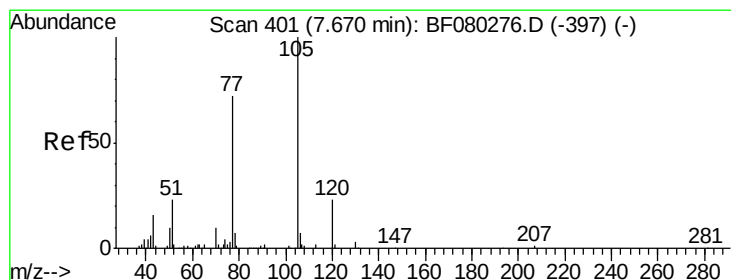
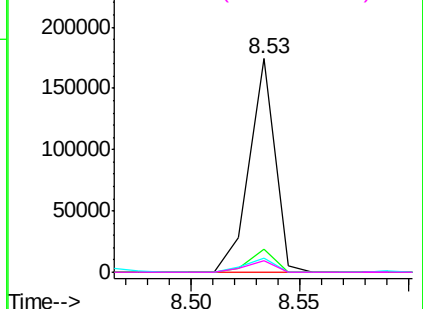
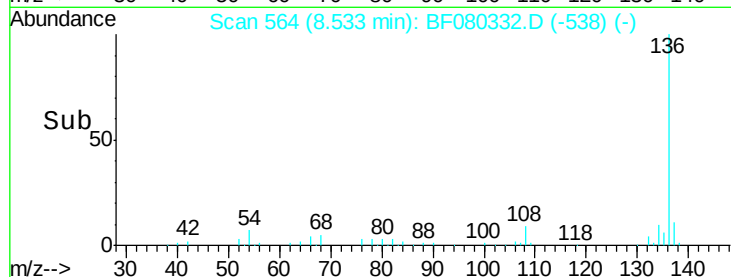
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.53 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF080332.D
Acq: 3 Jul 2015 8:59

Instrument :
BNA_F
ClientSampleId :
IDOC-04-W-UM

Tgt Ion:	136	Resp:	142550
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	6.8	4.9	7.3
68	5.3	4.0	6.0

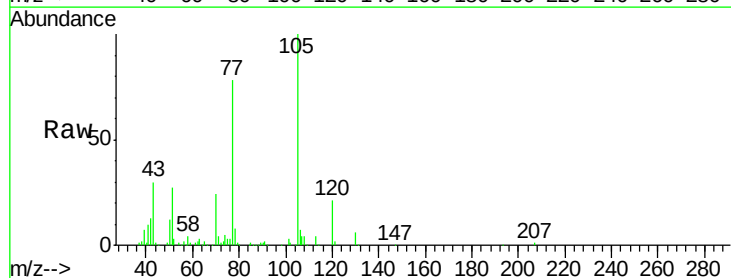


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

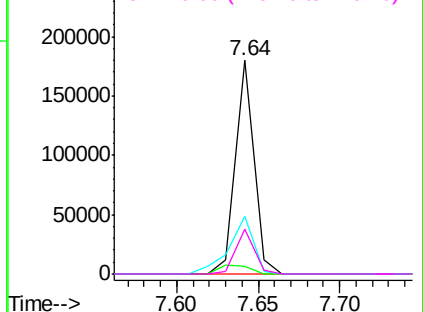
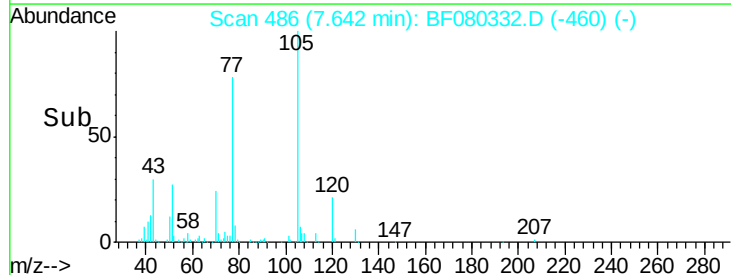


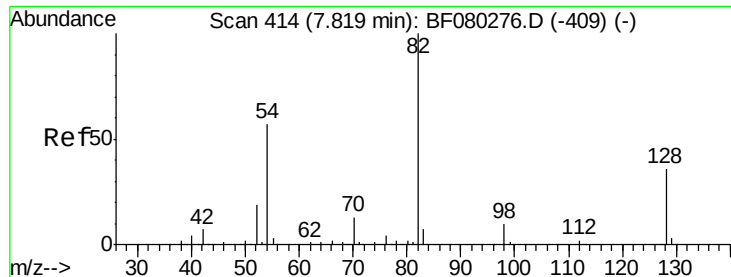
#22
Acetophenone
Concen: 42.02 ng
RT: 7.64 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF080332.D
Acq: 3 Jul 2015 8:59

Tgt Ion:	105	Resp:	139943
Ion	Ratio	Lower	Upper
105	100		
71	3.8	1.4	2.0#
51	27.3	18.5	27.7
120	21.0	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

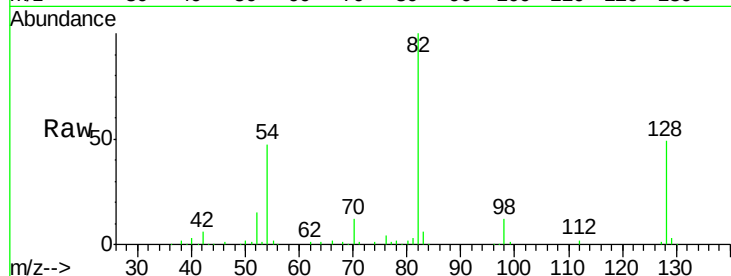




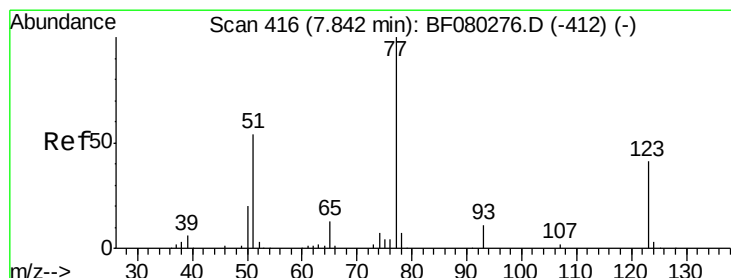
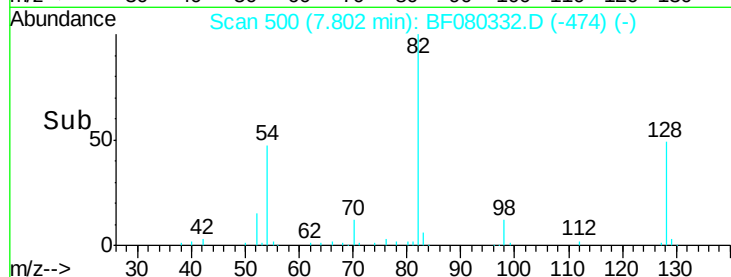
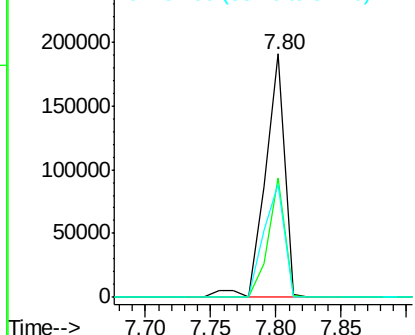
#23
Nitrobenzene-d5
Concen: 76.88 ng
RT: 7.80 min Scan# 500
Delta R.T. 0.00 min
Lab File: BF080332.D
Acq: 3 Jul 2015 8:59

Instrument :
BNA_F
ClientSampleId :
IDOC-04-W-UM

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.2	29.0	43.4#
54	46.5	45.3	67.9

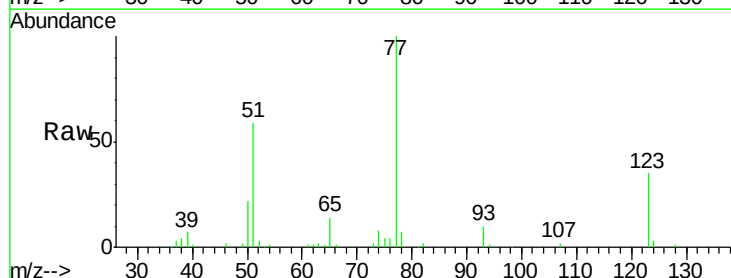


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

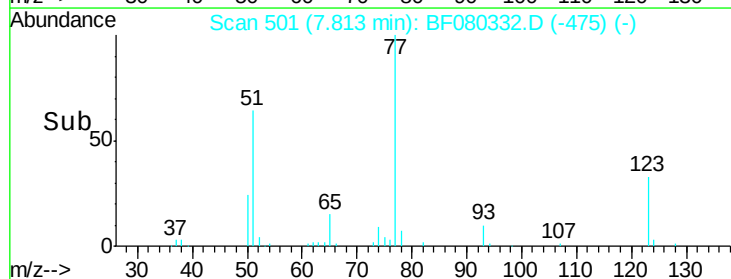
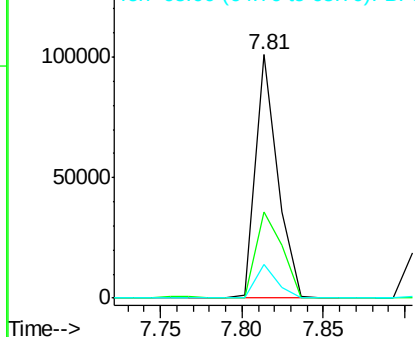


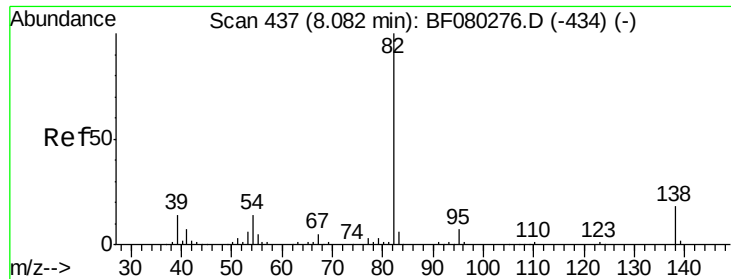
#24
Nitrobenzene
Concen: 35.57 ng
RT: 7.81 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF080332.D
Acq: 3 Jul 2015 8:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.4	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: 36.30 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF080332.D

Acq: 3 Jul 2015 8:59

Instrument :

BNA_F

ClientSampleId :

IDOC-04-W-UM

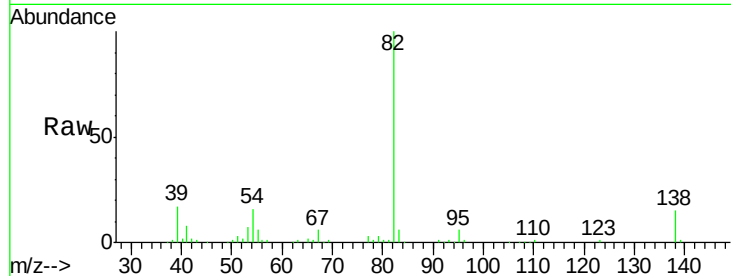
Tgt Ion: 82 Resp: 182648

Ion Ratio Lower Upper

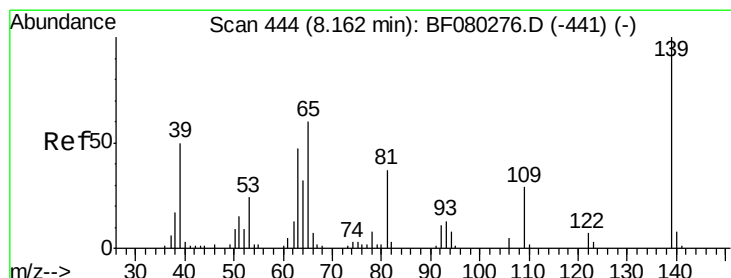
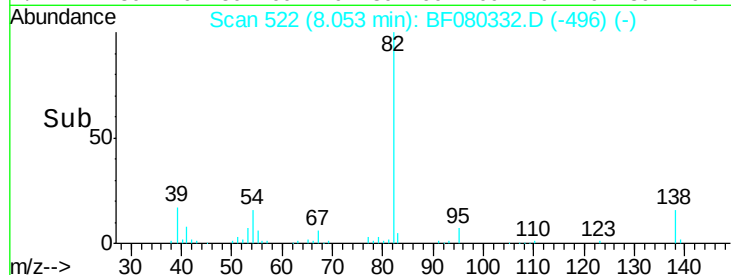
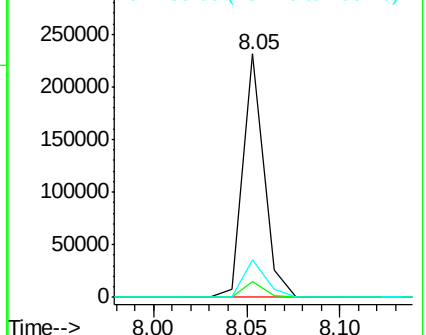
82 100

95 6.5 5.3 7.9

138 15.5 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: 35.82 ng

RT: 8.14 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF080332.D

Acq: 3 Jul 2015 8:59

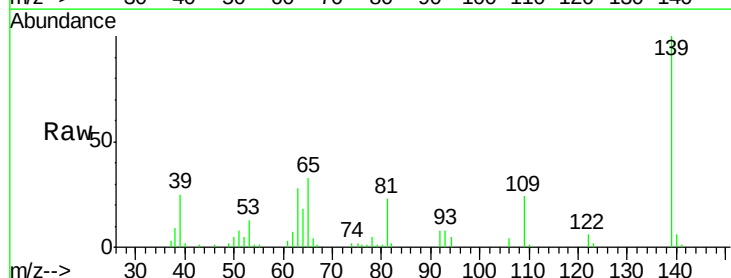
Tgt Ion: 139 Resp: 41997

Ion Ratio Lower Upper

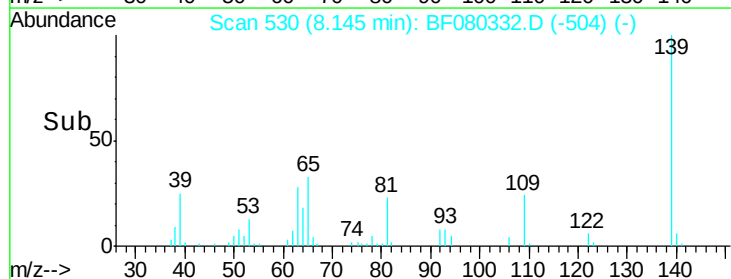
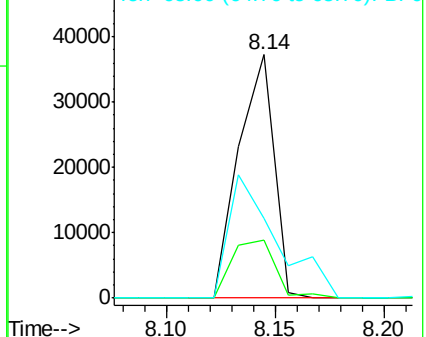
139 100

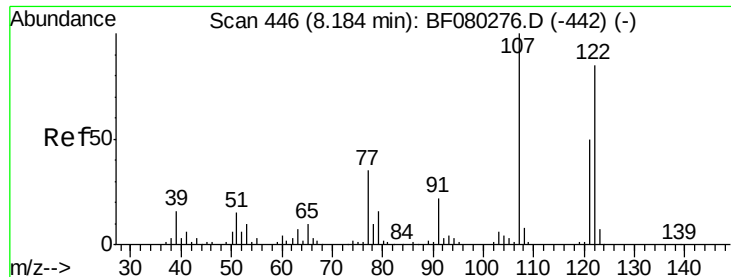
109 23.9 23.1 34.7

65 32.8 47.6 71.4#



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





#27

2,4-Dimethylphenol

Concen: 38.24 ng

RT: 8.17 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF080332.D

Acq: 3 Jul 2015 8:59

Instrument :

BNA_F

ClientSampleId :

IDOC-04-W-UM

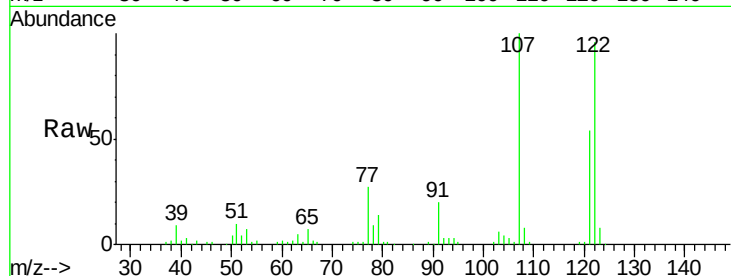
Tgt Ion: 122 Resp: 82302

Ion Ratio Lower Upper

122 100

107 104.0 93.7 140.5

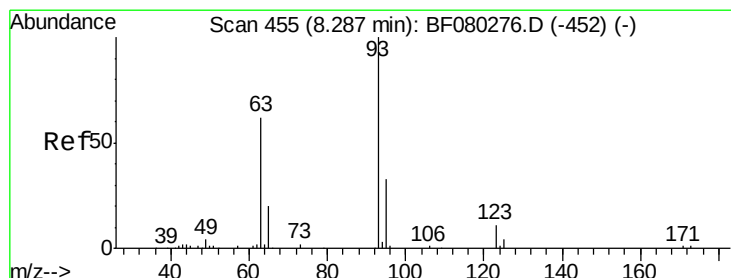
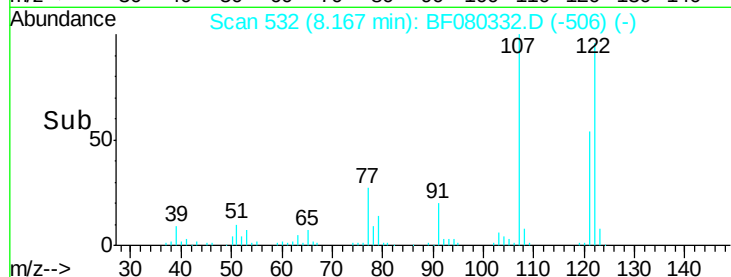
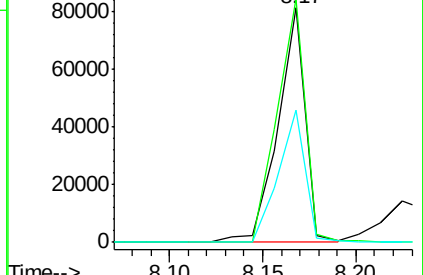
121 56.5 46.9 70.3



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: 39.72 ng

RT: 8.26 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF080332.D

Acq: 3 Jul 2015 8:59

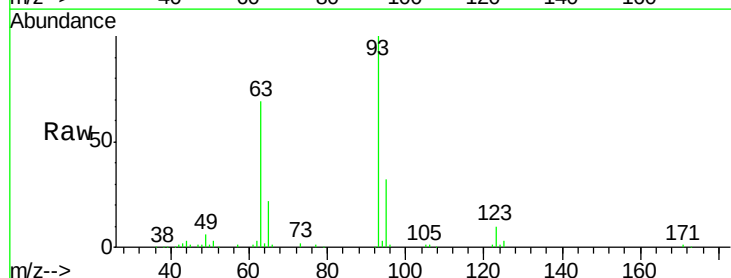
Tgt Ion: 93 Resp: 119950

Ion Ratio Lower Upper

93 100

95 31.5 26.6 39.8

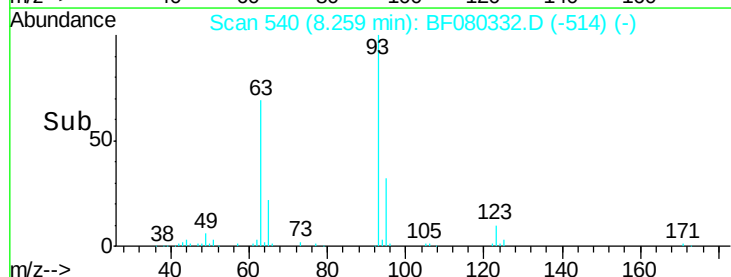
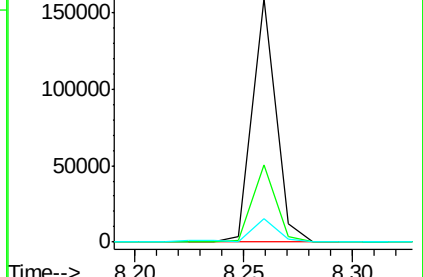
123 9.9 9.2 13.8

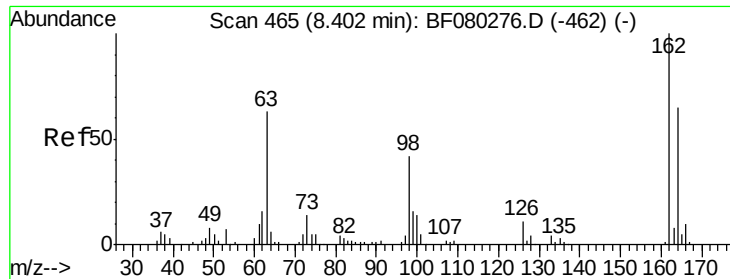


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

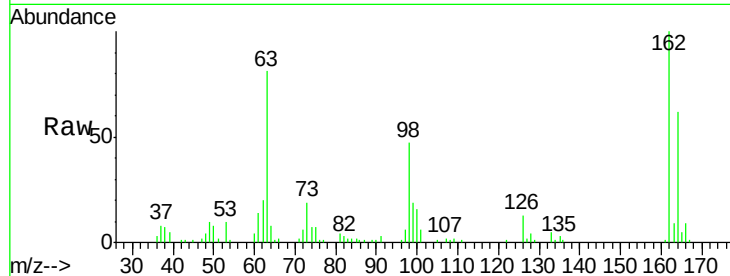




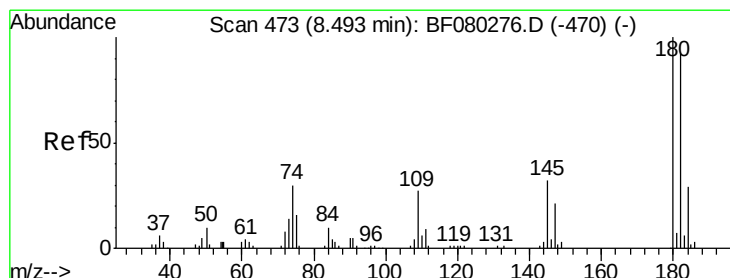
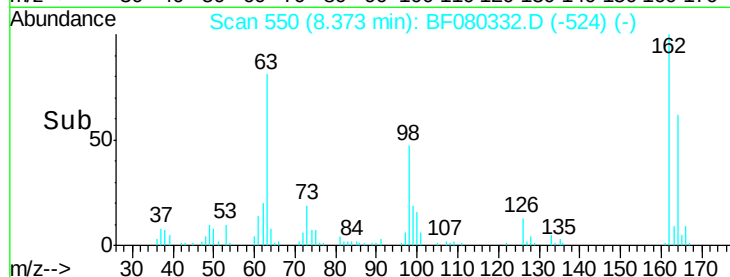
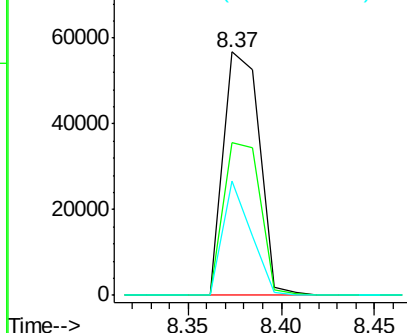
#29
 2,4-Dichlorophenol
 Concen: 38.74 ng
 RT: 8.37 min Scan# 550
 Delta R.T. 0.00 min
 Lab File: BF080332.D
 Acq: 3 Jul 2015 8:59

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04-W-UM

Tgt Ion:162 Resp: 77008
 Ion Ratio Lower Upper
 162 100
 164 62.5 44.6 84.6
 98 47.0 21.7 61.7

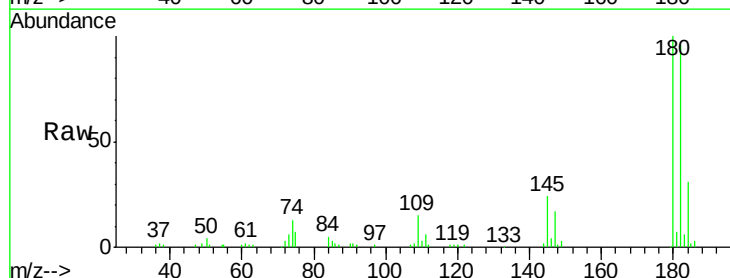


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

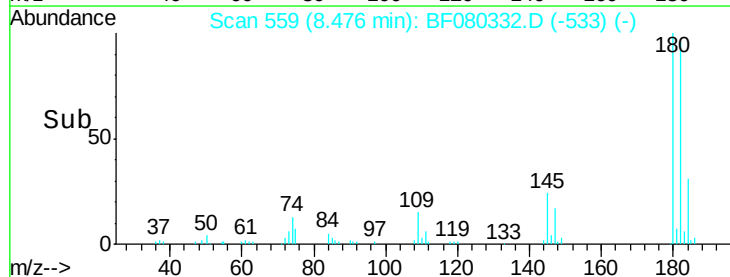
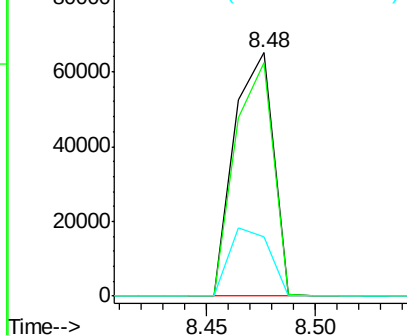


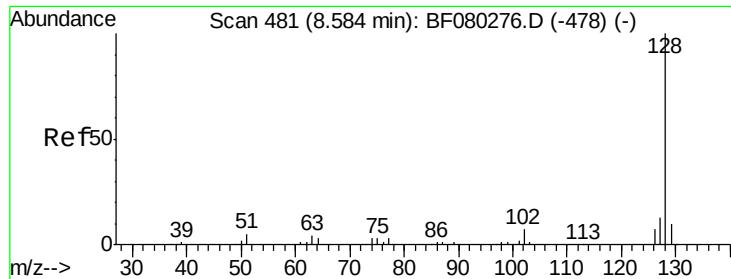
#30
 1,2,4-Trichlorobenzene
 Concen: 34.90 ng
 RT: 8.48 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: BF080332.D
 Acq: 3 Jul 2015 8:59

Tgt Ion:180 Resp: 80930
 Ion Ratio Lower Upper
 180 100
 182 96.0 73.8 110.6
 145 24.3 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

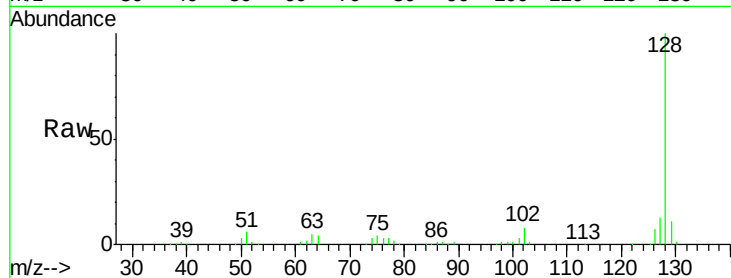




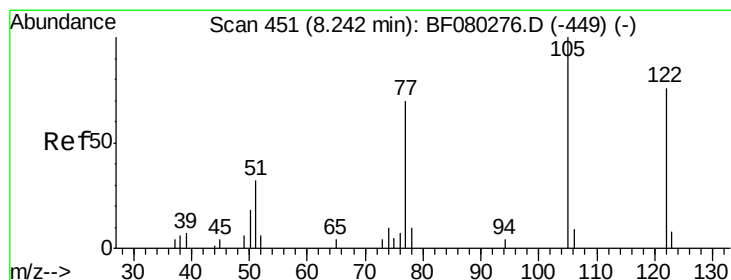
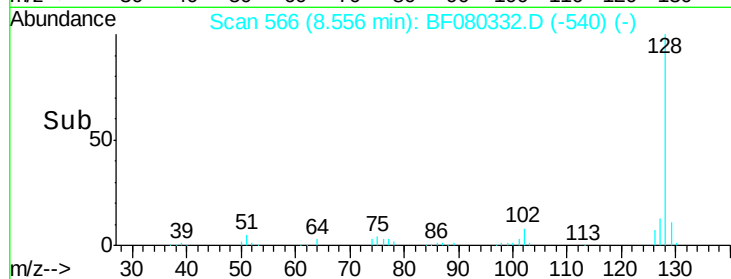
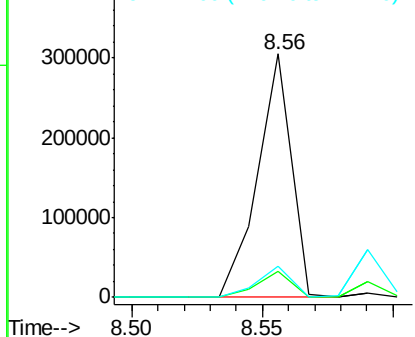
#31
Naphthalene
Concen: 37.68 ng
RT: 8.56 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF080332.D
Acq: 3 Jul 2015 8:59

Instrument :
BNA_F
ClientSampleId :
IDOC-04-W-UM

Tgt Ion:128 Resp: 273602
Ion Ratio Lower Upper
128 100
129 10.5 8.2 12.4
127 12.7 10.4 15.6

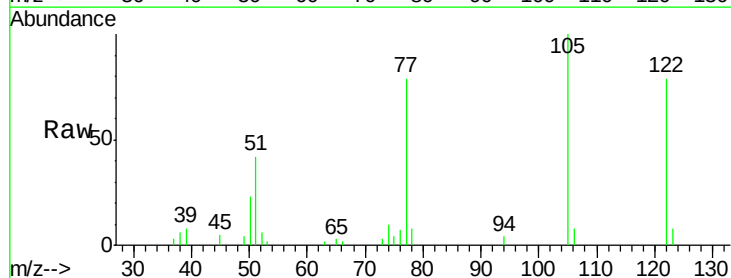


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

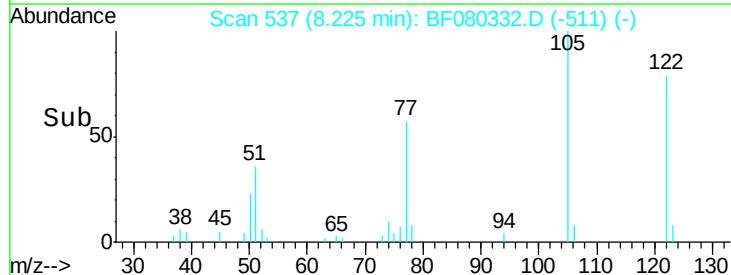
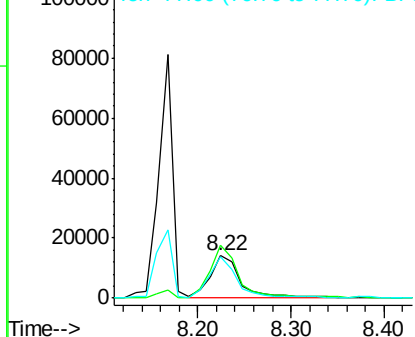


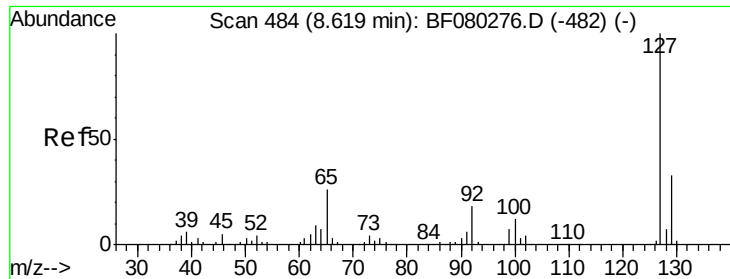
#32
Benzoic acid
Concen: 65.32 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF080332.D
Acq: 3 Jul 2015 8:59

Tgt Ion:122 Resp: 32170
Ion Ratio Lower Upper
122 100
105 126.1 103.3 143.3
77 99.0 71.5 111.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

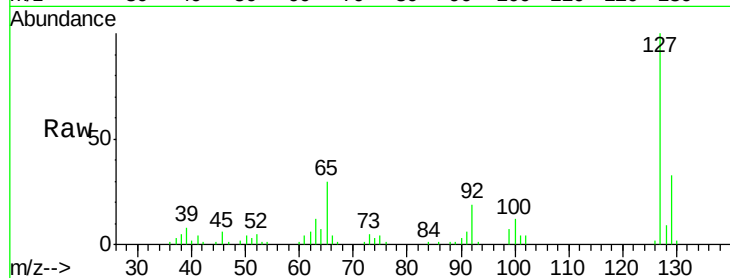




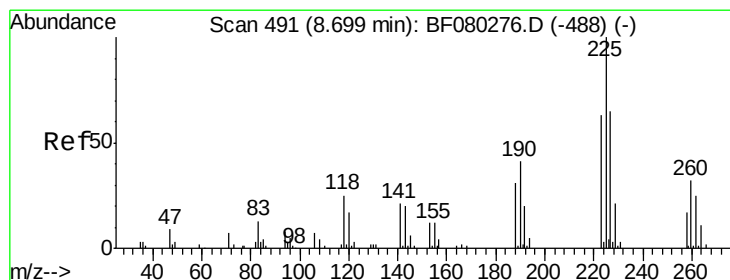
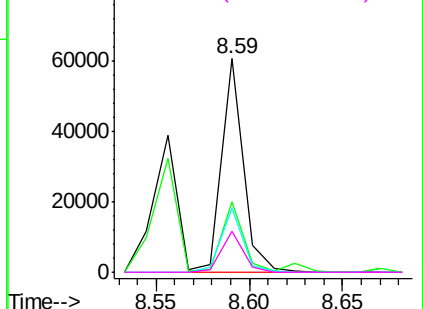
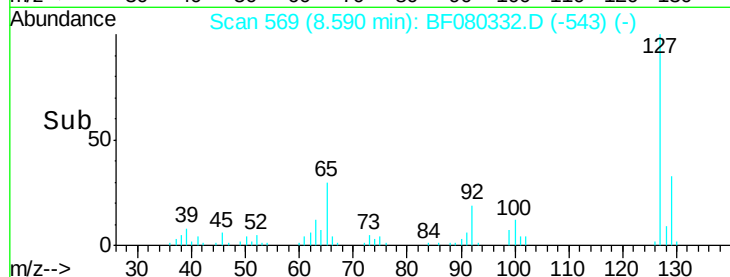
#33
 4-Chloroaniline
 Concen: 16.02 ng
 RT: 8.59 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: BF080332.D
 Acq: 3 Jul 2015 8:59

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04-W-UM

Tgt Ion:	127	Resp:	49350
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.4	39.6
65	30.2	21.0	31.6
92	19.4	14.1	21.1

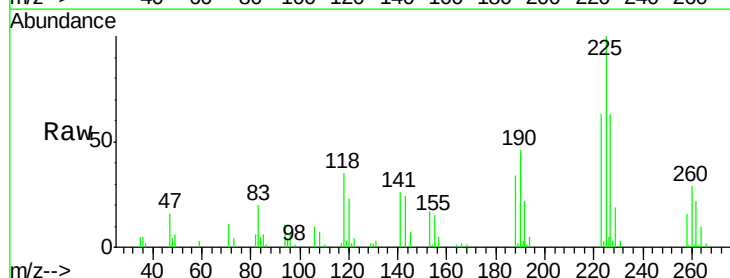


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

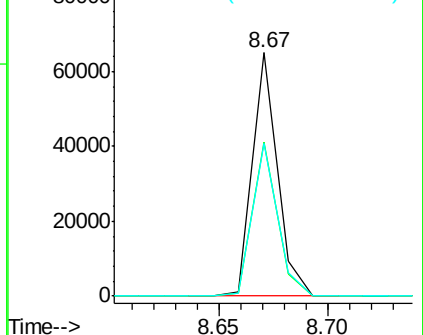
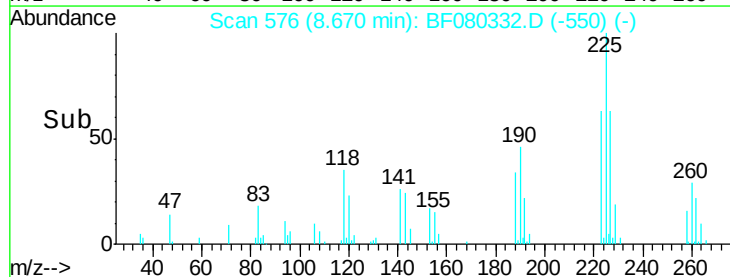


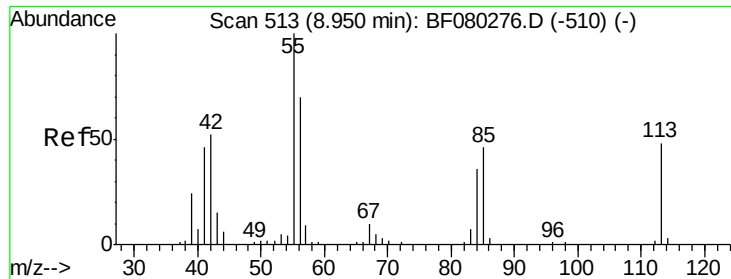
#34
 Hexachlorobutadiene
 Concen: 35.46 ng
 RT: 8.67 min Scan# 576
 Delta R.T. 0.00 min
 Lab File: BF080332.D
 Acq: 3 Jul 2015 8:59

Tgt Ion:	225	Resp:	51790
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.5	75.7
227	62.9	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

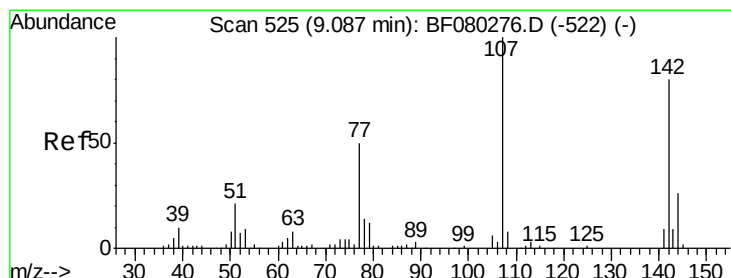
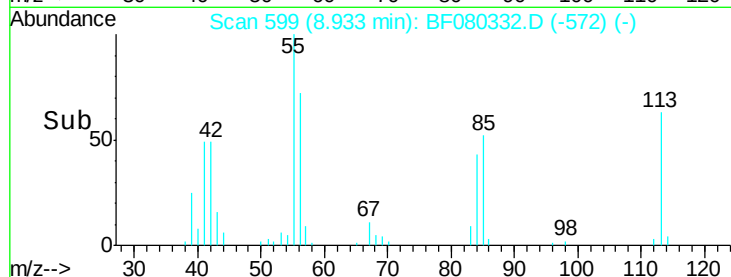
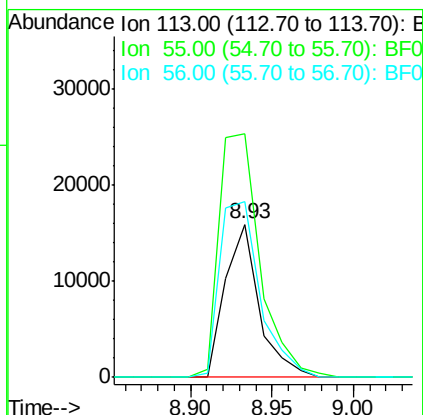
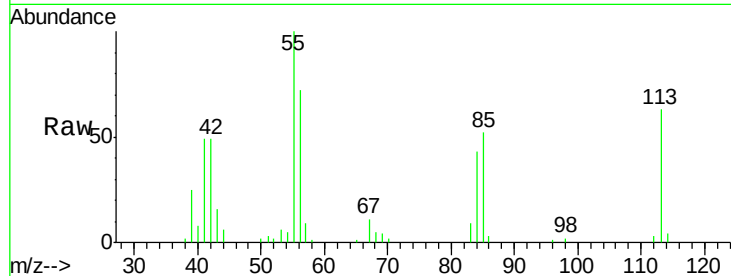




#35
 Caprolactam
 Concen: 37.68 ng
 RT: 8.93 min Scan# 599
 Delta R.T. 0.01 min
 Lab File: BF080332.D
 Acq: 3 Jul 2015 8:59

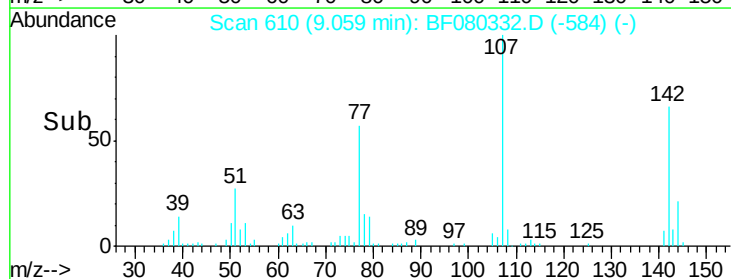
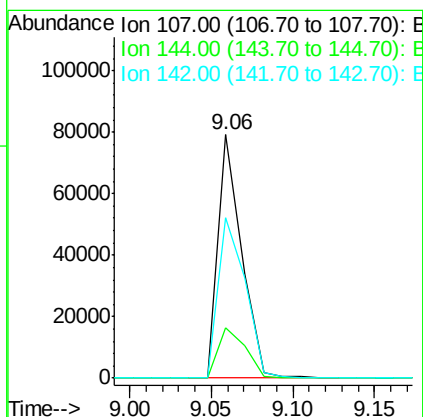
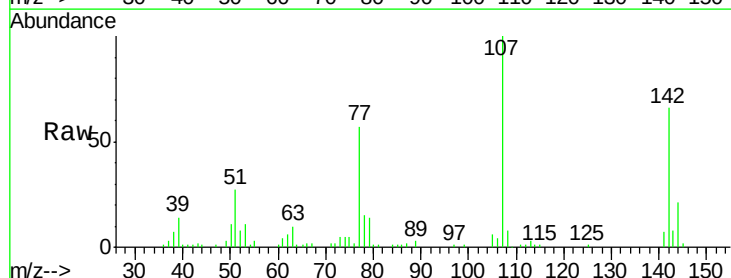
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04-W-UM

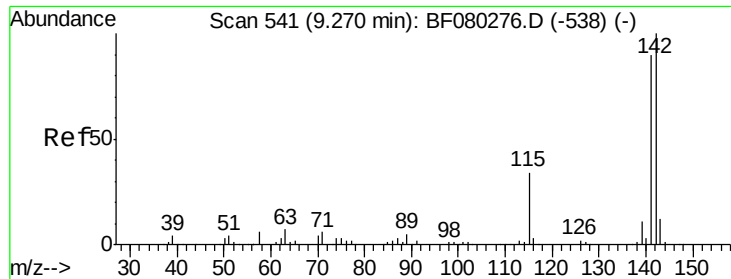
Tgt Ion:113 Resp: 22724
 Ion Ratio Lower Upper
 113 100
 55 159.4 189.7 229.7#
 56 115.3 127.2 167.2#



#36
 4-Chloro-3-methylphenol
 Concen: 36.98 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF080332.D
 Acq: 3 Jul 2015 8:59

Tgt Ion:107 Resp: 79579
 Ion Ratio Lower Upper
 107 100
 144 20.9 20.4 30.6
 142 65.9 63.8 95.6

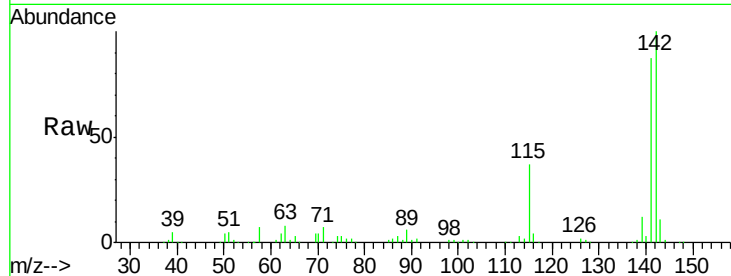




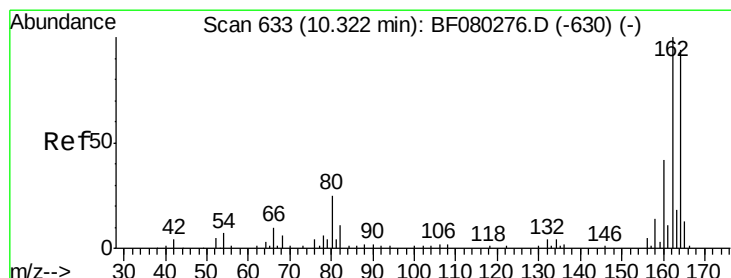
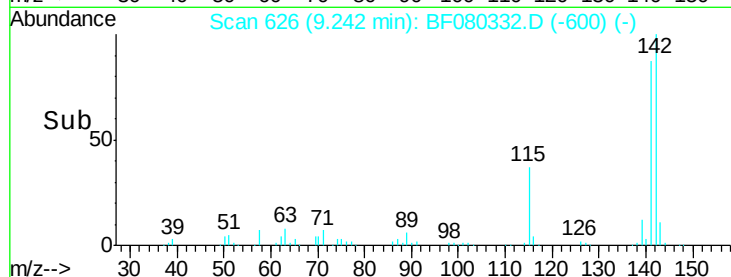
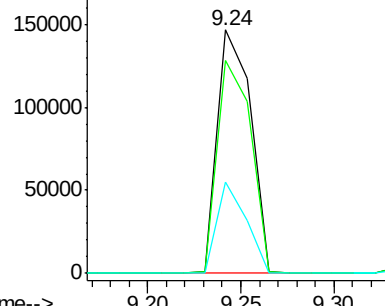
#37
 2-Methylnaphthalene
 Concen: 36.66 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF080332.D
 Acq: 3 Jul 2015 8:59

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04-W-UM

Tgt Ion:142 Resp: 182297
 Ion Ratio Lower Upper
 142 100
 141 87.3 71.8 107.6
 115 37.2 27.4 41.2

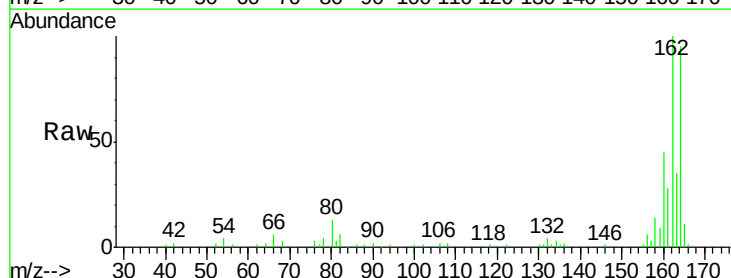


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

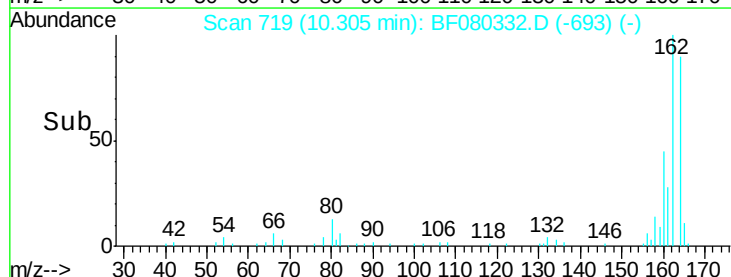
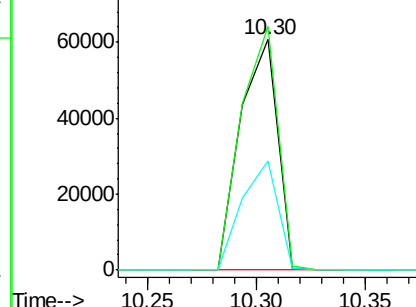


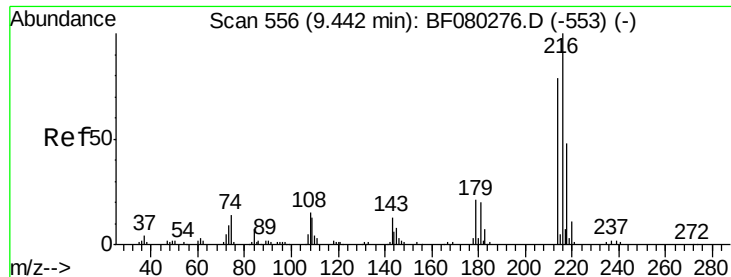
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.30 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: BF080332.D
 Acq: 3 Jul 2015 8:59

Tgt Ion:164 Resp: 71873
 Ion Ratio Lower Upper
 164 100
 162 105.5 84.8 127.2
 160 47.4 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: 35.36 ng

RT: 9.41 min Scan# 641

Delta R.T. 0.00 min

Lab File: BF080332.D

Acq: 3 Jul 2015 8:59

Instrument :

BNA_F

ClientSampleId :

IDOC-04-W-UM

Tgt Ion:216 Resp: 84567

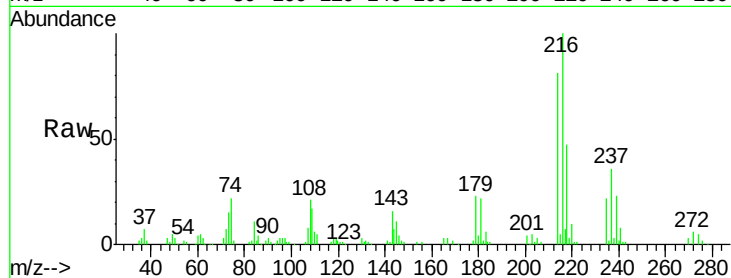
Ion Ratio Lower Upper

216 100

214 80.2 63.0 94.6

179 21.4 16.8 25.2

108 21.2 13.8 20.8#

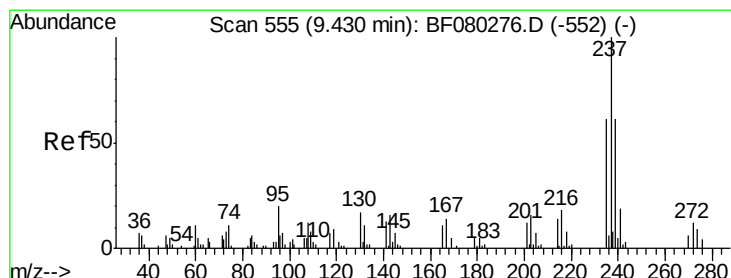
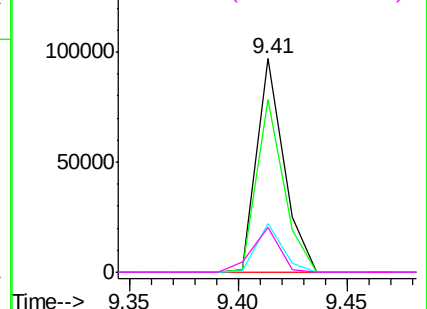
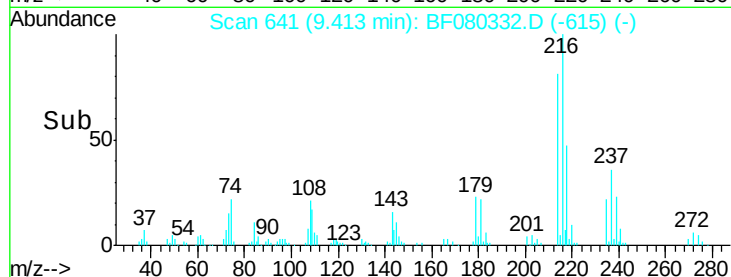


Abundance Ion 216.00 (215.70 to 216.70): E

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: 77.03 ng

RT: 9.40 min Scan# 640

Delta R.T. 0.00 min

Lab File: BF080332.D

Acq: 3 Jul 2015 8:59

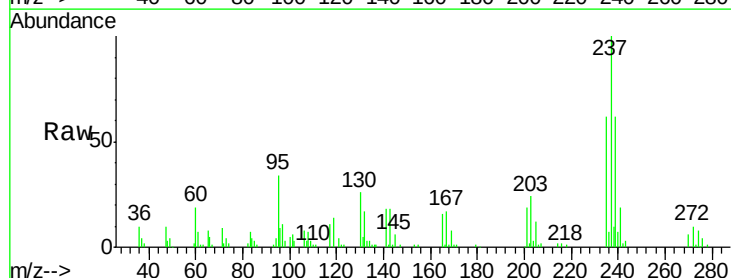
Tgt Ion:237 Resp: 72279

Ion Ratio Lower Upper

237 100

235 62.2 41.3 81.3

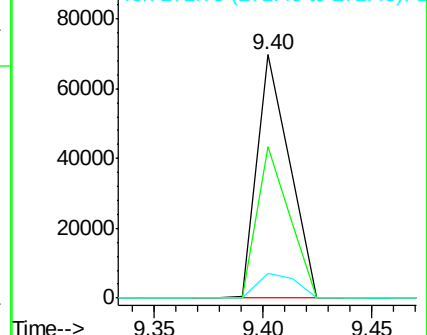
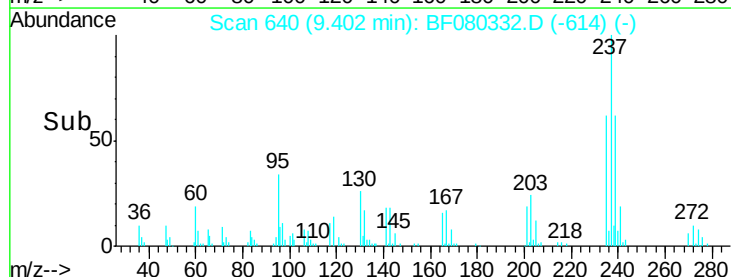
272 10.1 0.0 31.8

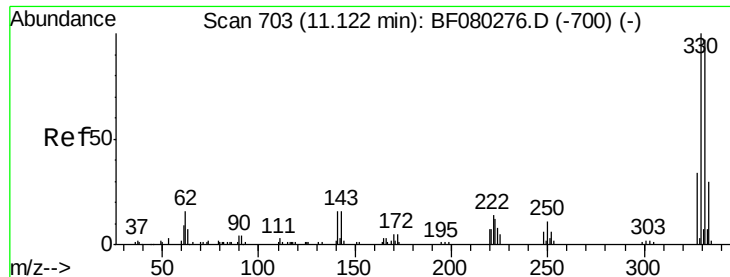


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

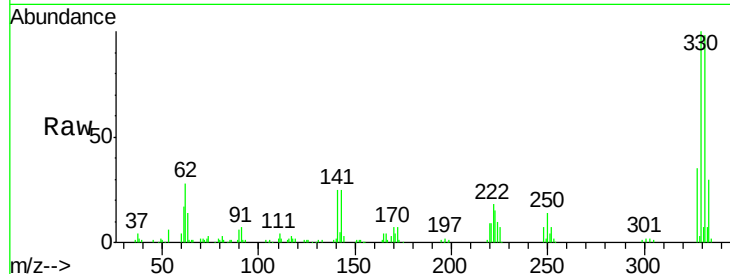




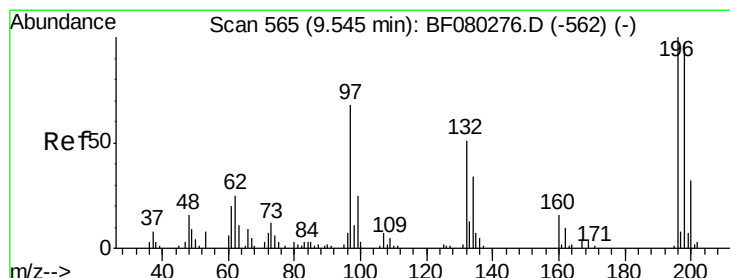
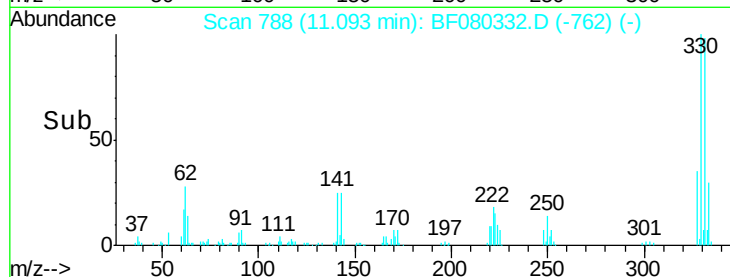
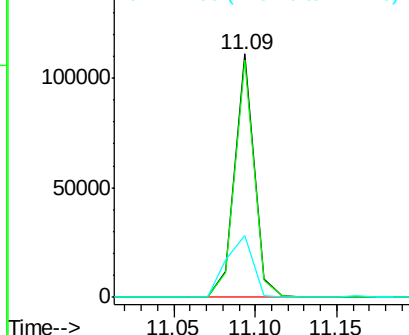
#41
 2,4,6-Tribromophenol
 Concen: 132.46 ng
 RT: 11.09 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF080332.D
 Acq: 3 Jul 2015 8:59

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04-W-UM

Tgt Ion:330 Resp: 90648
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 35.2 28.0 42.0

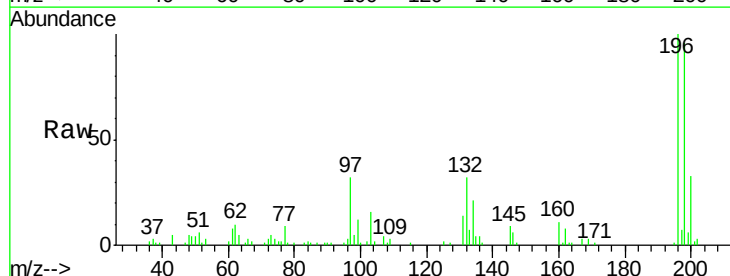


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

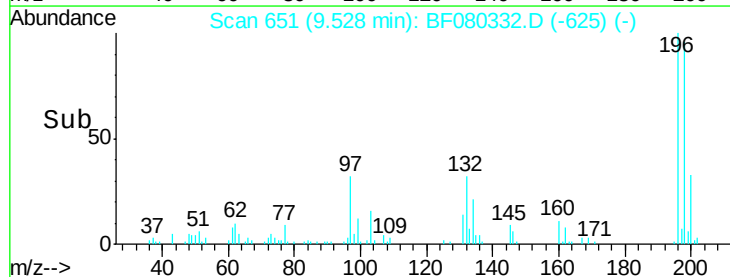
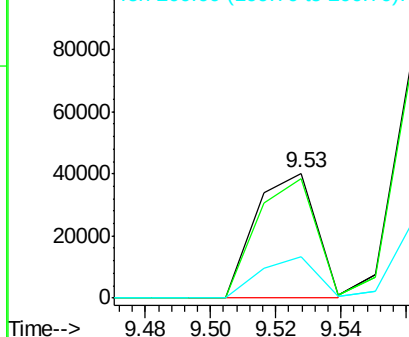


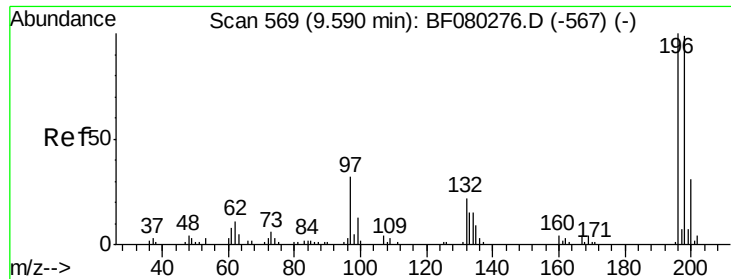
#42
 2,4,6-Trichlorophenol
 Concen: 33.99 ng
 RT: 9.53 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF080332.D
 Acq: 3 Jul 2015 8:59

Tgt Ion:196 Resp: 51466
 Ion Ratio Lower Upper
 196 100
 198 96.2 77.7 116.5
 200 33.0 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

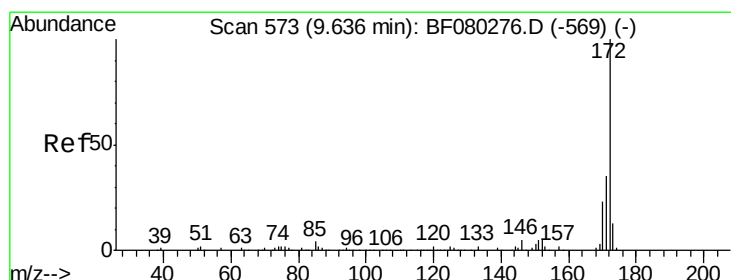
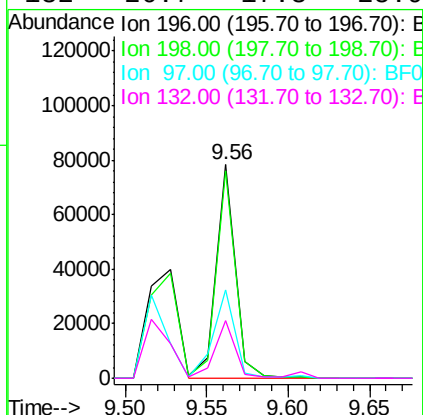
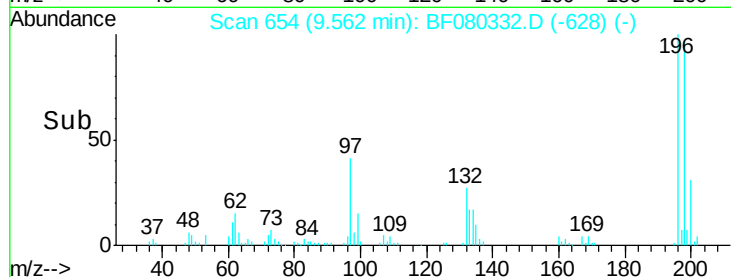
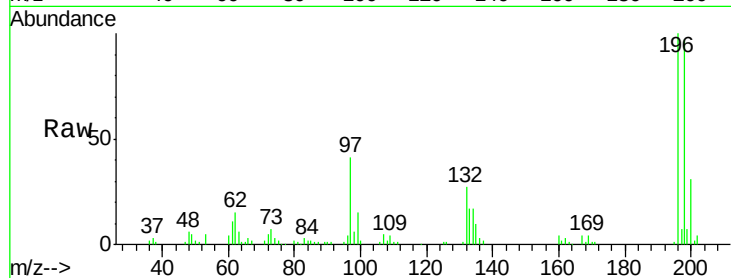




#43
 2,4,5-Trichlorophenol
 Concen: 39.51 ng
 RT: 9.56 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF080332.D
 Acq: 3 Jul 2015 8:59

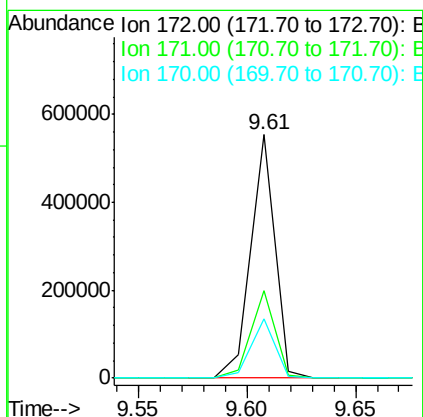
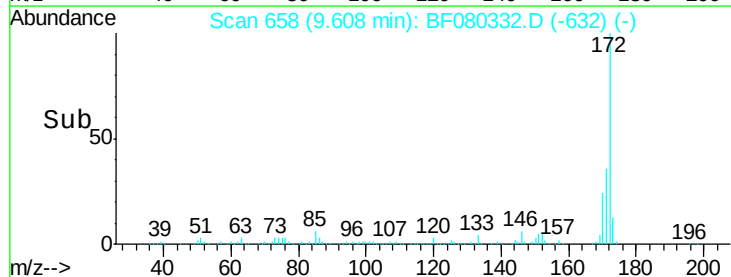
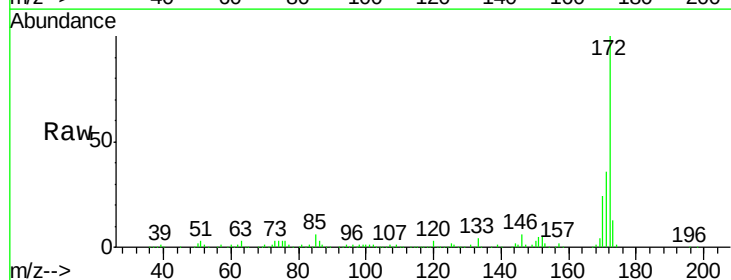
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04-W-UM

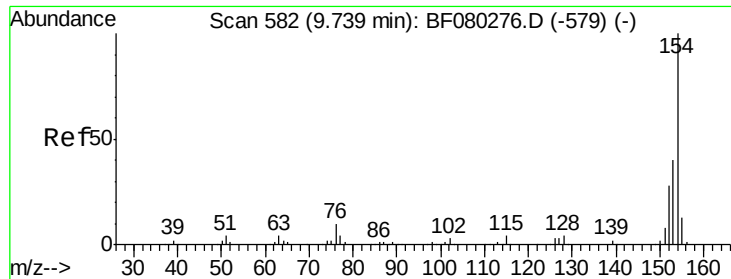
Tgt Ion:196 Resp: 64447
 Ion Ratio Lower Upper
 196 100
 198 97.3 79.4 119.2
 97 41.5 25.9 38.9#
 132 26.7 17.3 25.9#



#44
 2-Fluorobiphenyl
 Concen: 85.74 ng
 RT: 9.61 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF080332.D
 Acq: 3 Jul 2015 8:59

Tgt Ion:172 Resp: 428133
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.1 42.1
 170 24.2 18.6 28.0

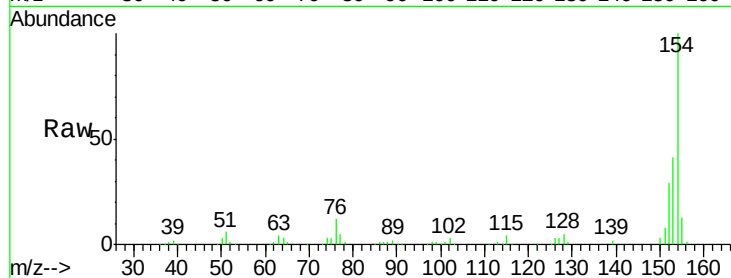




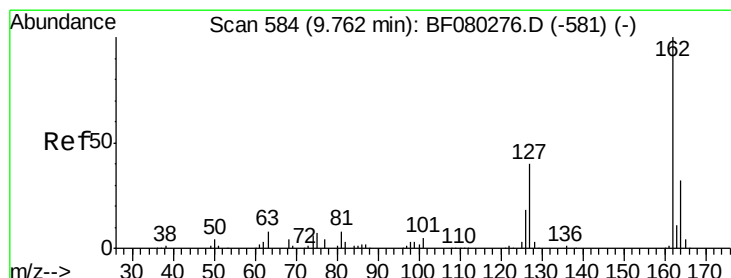
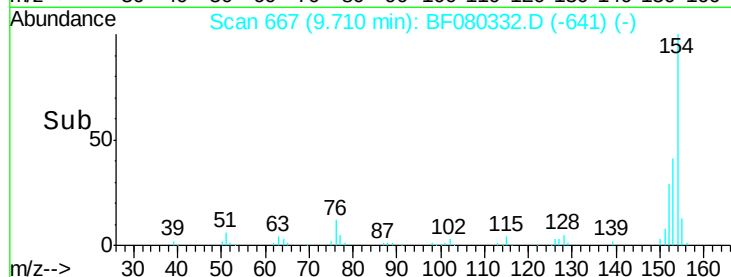
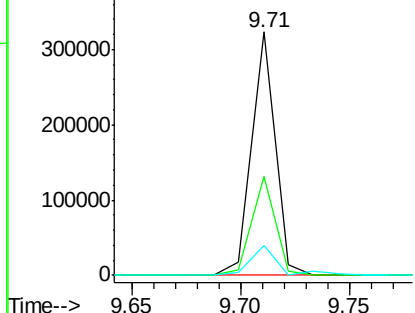
#45
 1,1'-Biphenyl
 Concen: 39.82 ng
 RT: 9.71 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: BF080332.D
 Acq: 3 Jul 2015 8:59

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04-W-UM

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.3	60.3
76	12.2	0.0	30.3

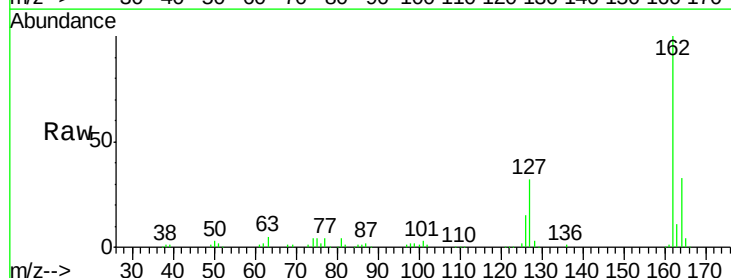


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

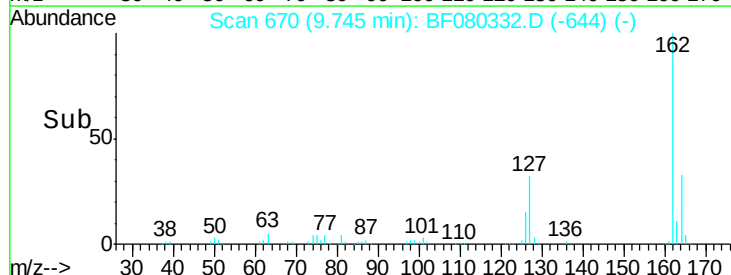
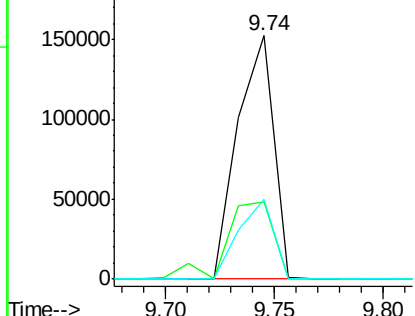


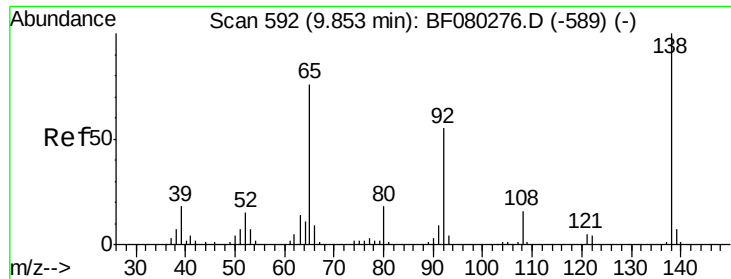
#46
 2-Chloronaphthalene
 Concen: 36.99 ng
 RT: 9.74 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF080332.D
 Acq: 3 Jul 2015 8:59

Tgt Ion	Ratio	Lower	Upper
162	100		
127	31.8	33.4	50.0#
164	32.6	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

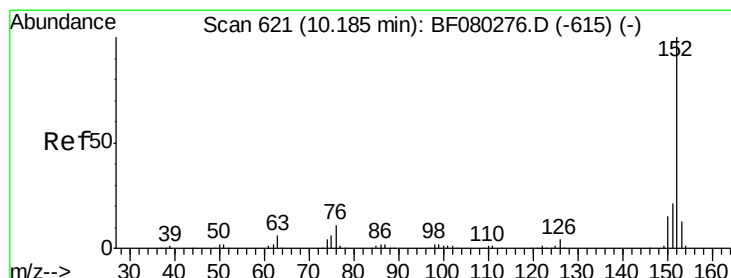
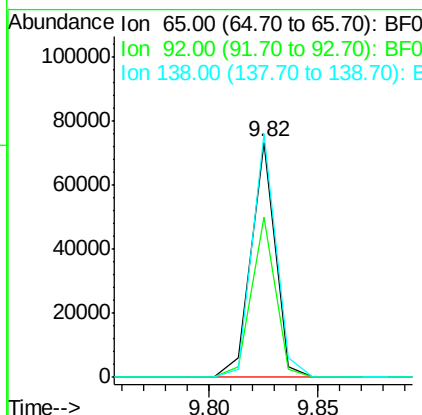
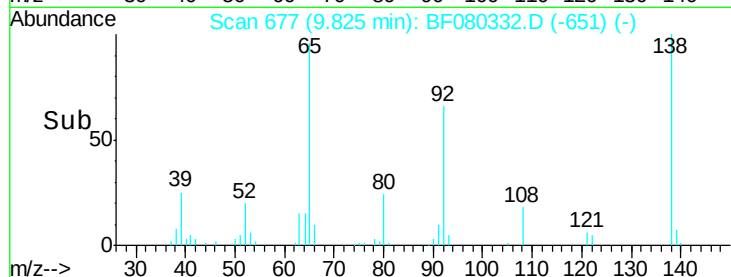
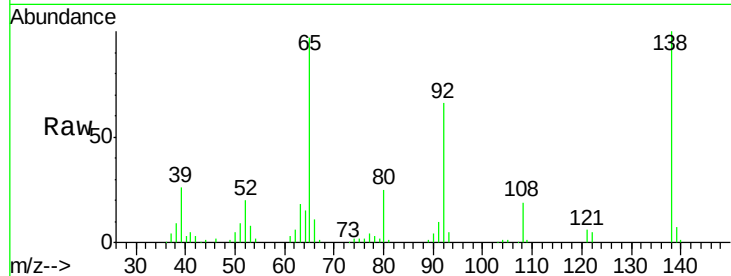




#47
 2-Nitroaniline
 Concen: 41.79 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF080332.D
 Acq: 3 Jul 2015 8:59

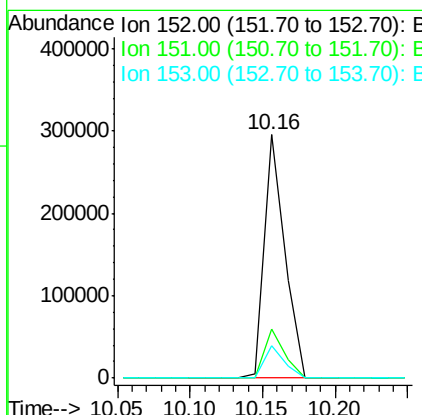
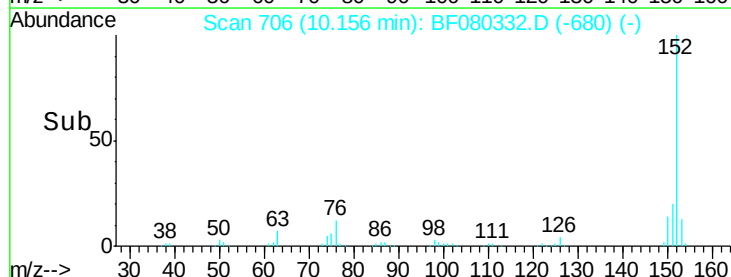
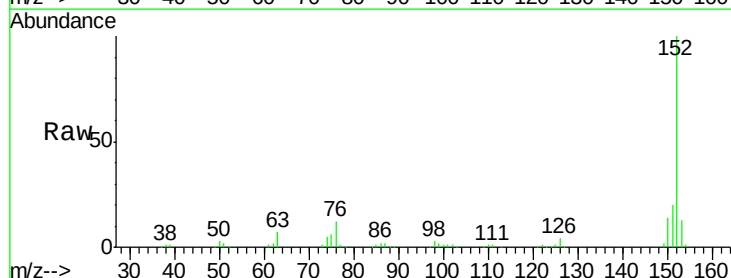
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04-W-UM

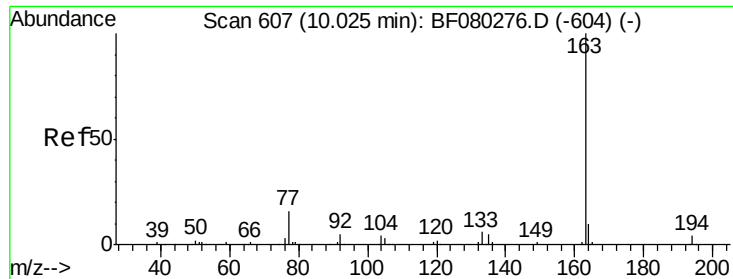
Tgt Ion: 65 Resp: 56863
 Ion Ratio Lower Upper
 65 100
 92 68.3 58.0 87.0
 138 103.6 104.8 157.2#



#48
 Acenaphthylene
 Concen: 35.10 ng
 RT: 10.16 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF080332.D
 Acq: 3 Jul 2015 8:59

Tgt Ion: 152 Resp: 288383
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.7 25.1
 153 13.4 10.7 16.1

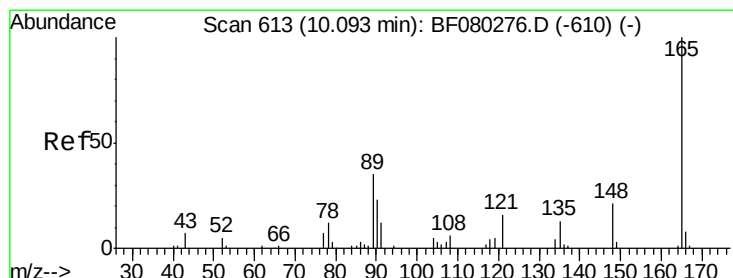
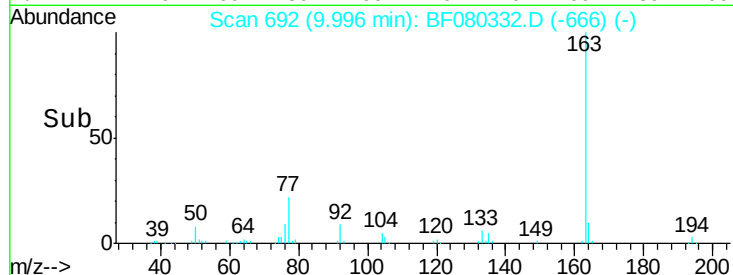
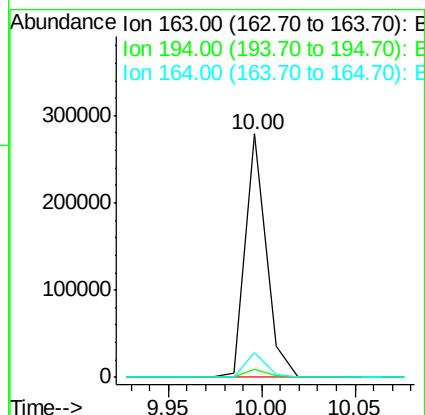
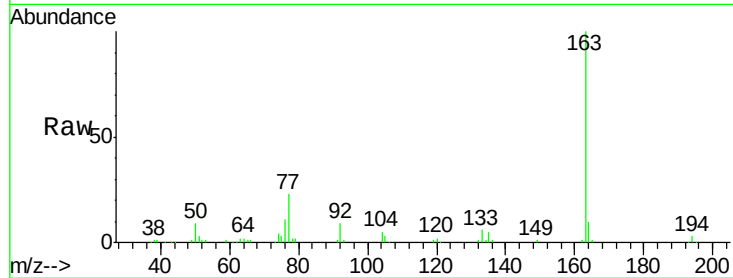




#49
Dimethylphthalate
Concen: 39.99 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF080332.D
Acq: 3 Jul 2015 8:59

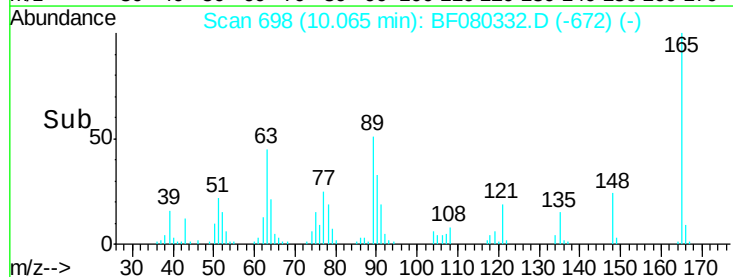
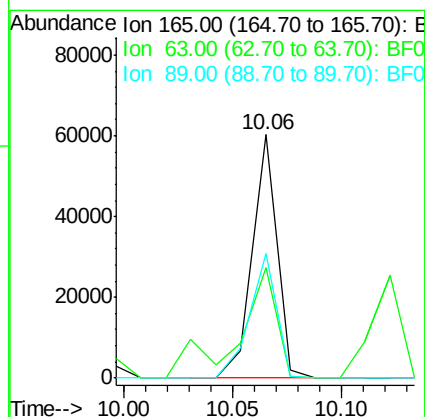
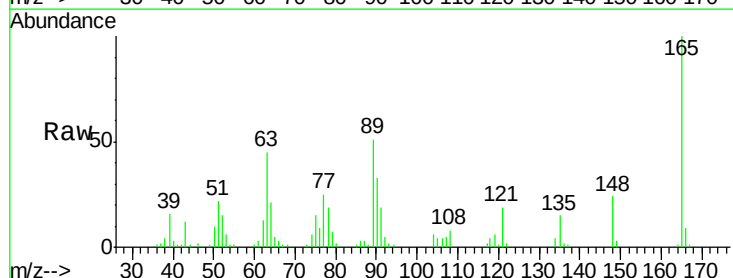
Instrument :
BNA_F
ClientSampleId :
IDOC-04-W-UM

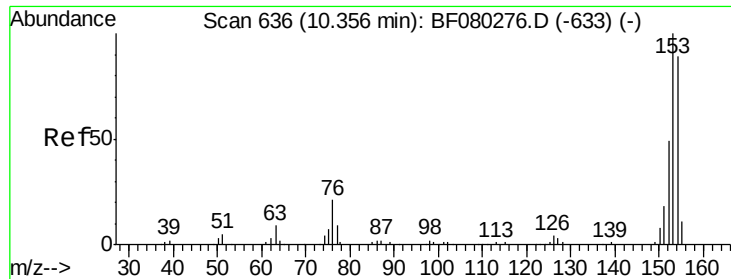
Tgt Ion:163 Resp: 219579
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.2 7.9 11.9



#50
2,6-Dinitrotoluene
Concen: 42.23 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF080332.D
Acq: 3 Jul 2015 8:59

Tgt Ion:165 Resp: 47402
Ion Ratio Lower Upper
165 100
63 45.3 23.4 35.0#
89 51.0 27.7 41.5#





#51

Acenaphthene

Concen: 39.03 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF080332.D

Acq: 3 Jul 2015 8:59

Instrument :

BNA_F

ClientSampleId :

IDOC-04-W-UM

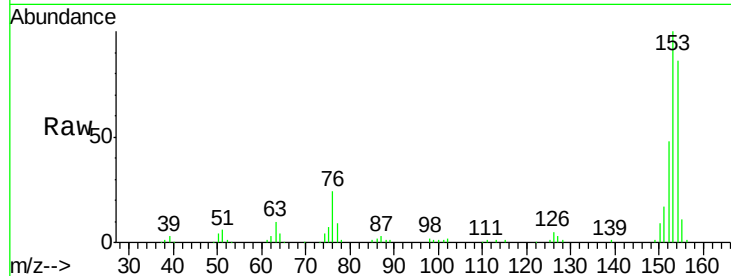
Tgt Ion:154 Resp: 184616

Ion Ratio Lower Upper

154 100

153 115.7 90.4 135.6

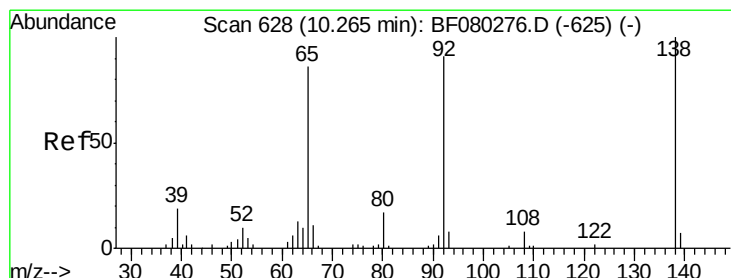
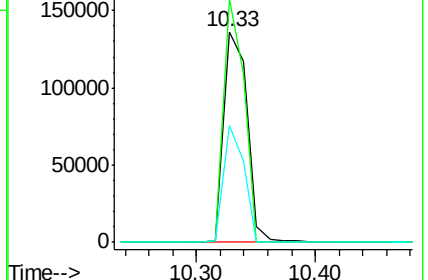
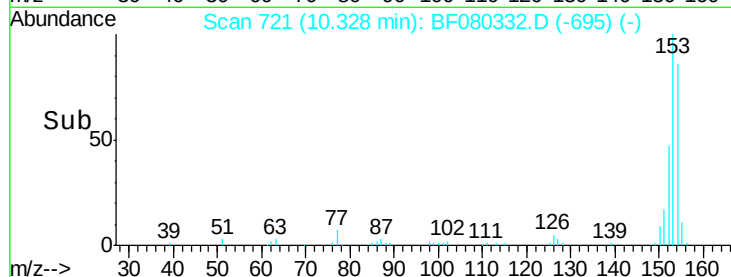
152 55.7 43.9 65.9



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: 22.44 ng

RT: 10.24 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF080332.D

Acq: 3 Jul 2015 8:59

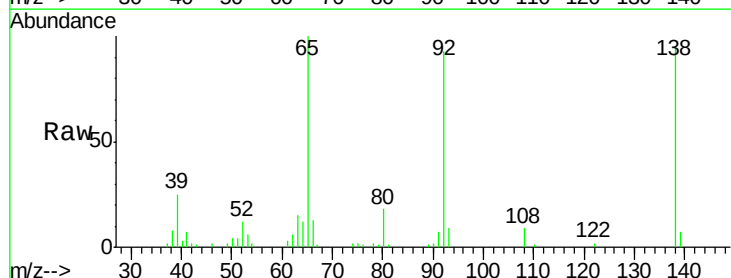
Tgt Ion:138 Resp: 28896

Ion Ratio Lower Upper

138 100

108 9.5 6.7 10.1

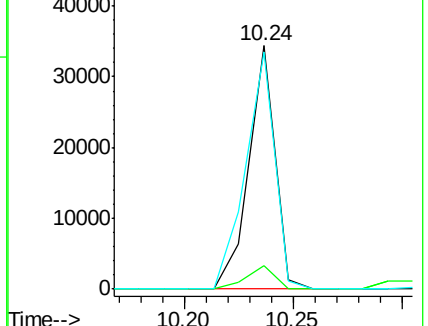
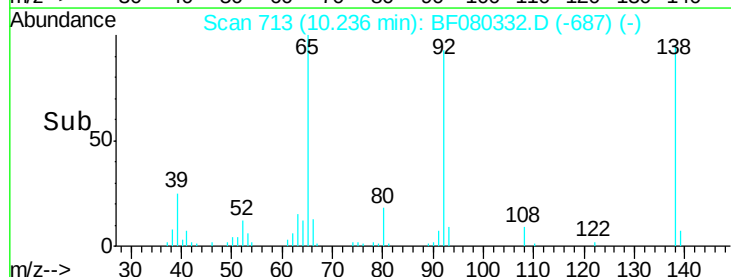
92 97.6 72.6 109.0

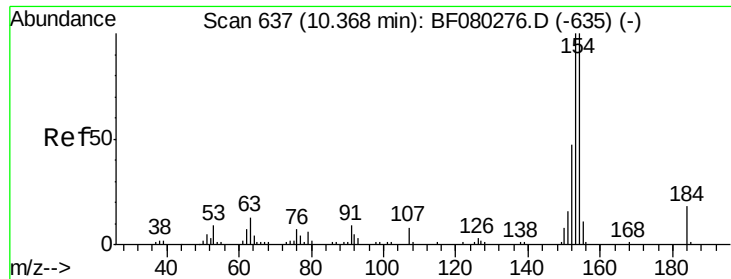


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

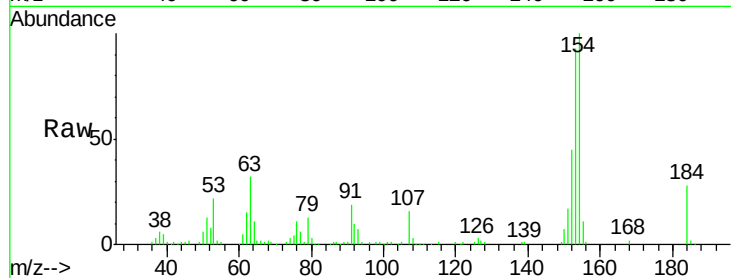




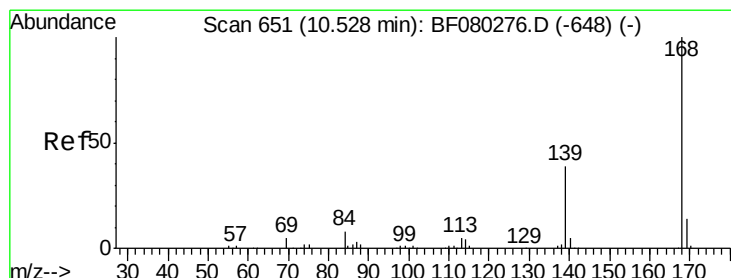
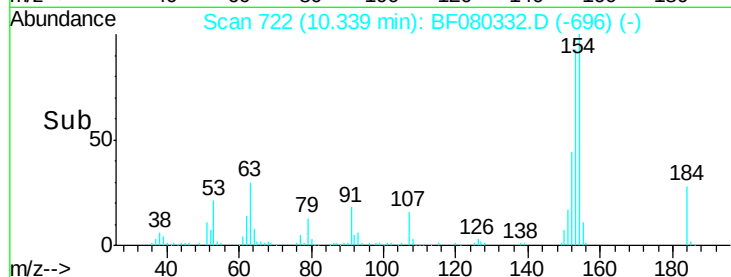
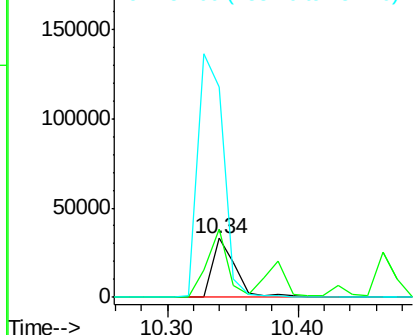
#53
2,4-Dinitrophenol
Concen: 85.51 ng
RT: 10.34 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF080332.D
Acq: 3 Jul 2015 8:59

Instrument :
BNA_F
ClientSampleId :
IDOC-04-W-UM

Tgt Ion:184 Resp: 40590
Ion Ratio Lower Upper
184 100
63 114.9 65.0 97.6#
154 354.1 473.1 709.7#

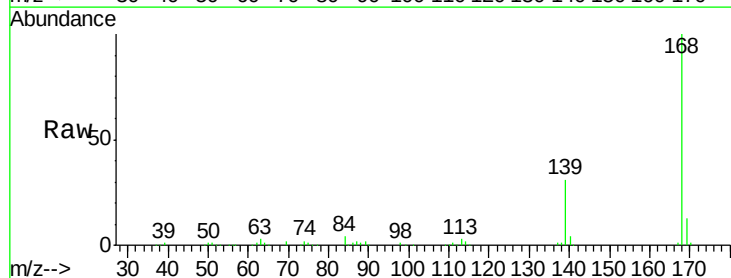


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

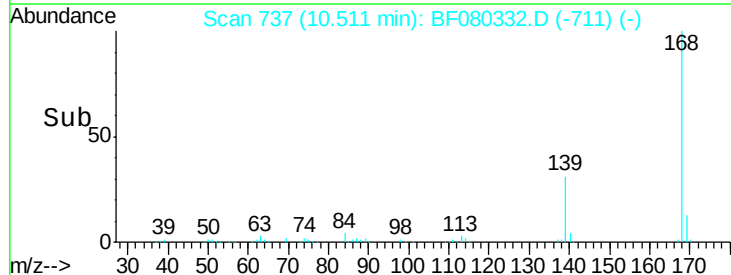
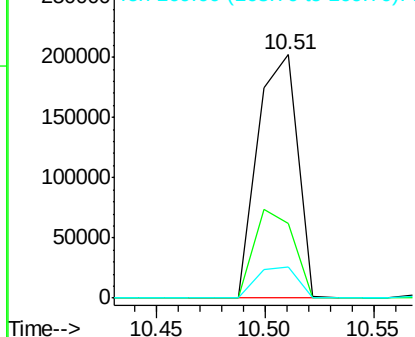


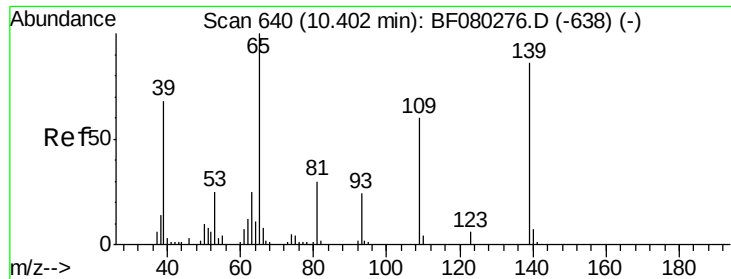
#54
Dibenzofuran
Concen: 38.95 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF080332.D
Acq: 3 Jul 2015 8:59

Tgt Ion:168 Resp: 260062
Ion Ratio Lower Upper
168 100
139 30.9 31.5 47.3#
169 12.6 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

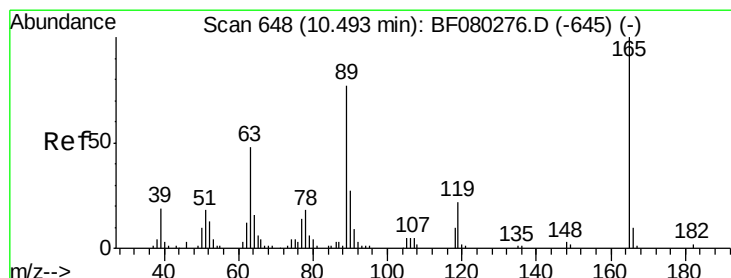
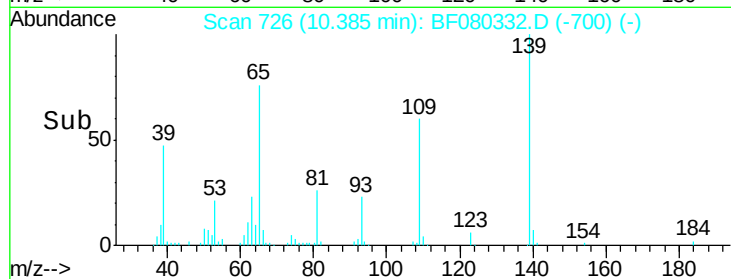
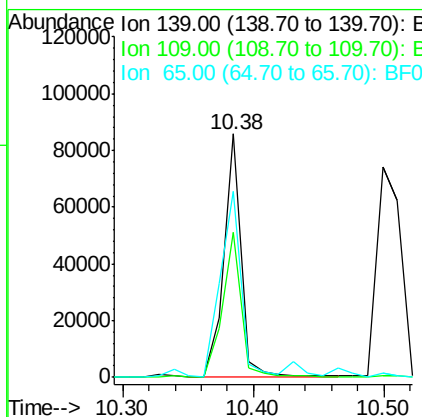
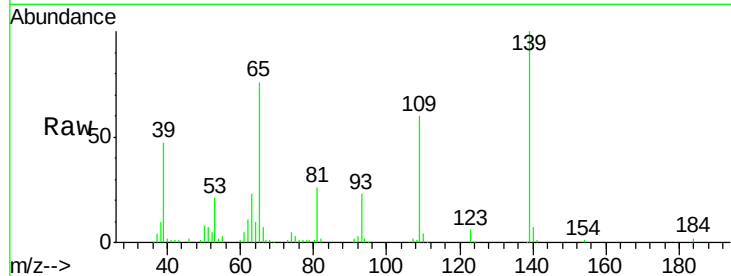




#55
4-Nitrophenol
Concen: 84.63 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF080332.D
Acq: 3 Jul 2015 8:59

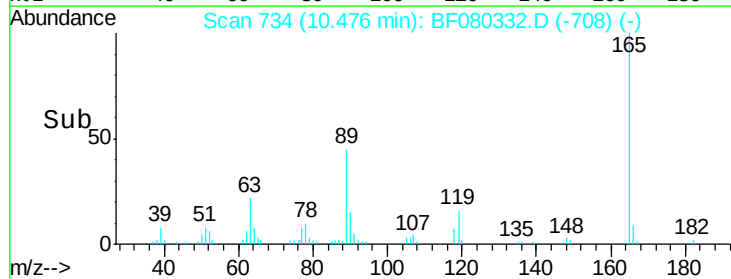
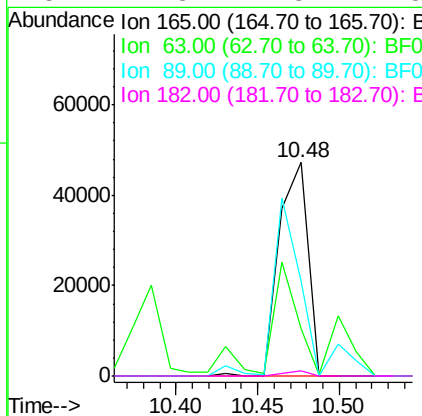
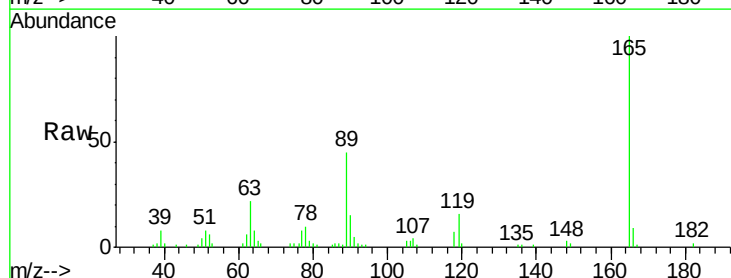
Instrument :
BNA_F
ClientSampleId :
IDOC-04-W-UM

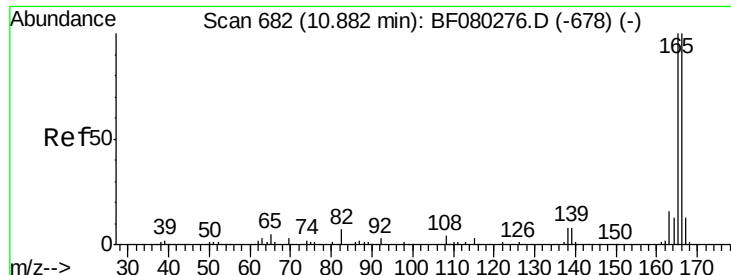
Tgt Ion:139 Resp: 80544
Ion Ratio Lower Upper
139 100
109 59.8 50.2 90.2
65 76.4 96.7 136.7#



#56
2,4-Dinitrotoluene
Concen: 39.99 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF080332.D
Acq: 3 Jul 2015 8:59

Tgt Ion:165 Resp: 58198
Ion Ratio Lower Upper
165 100
63 22.0 38.7 58.1#
89 44.6 62.0 93.0#
182 2.3 1.8 2.8

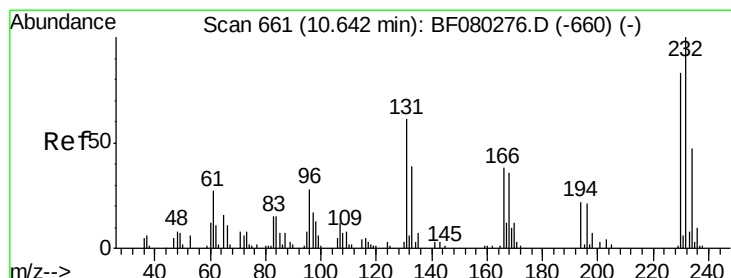
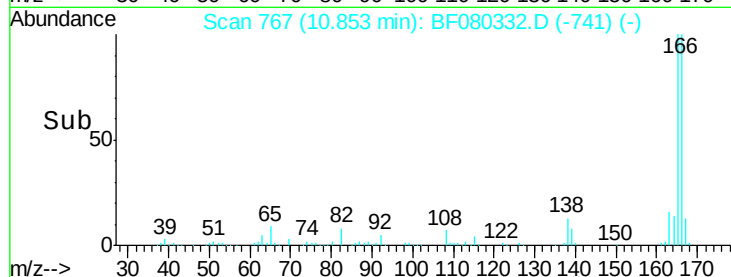
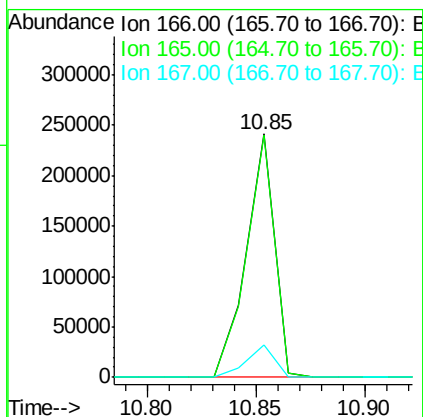
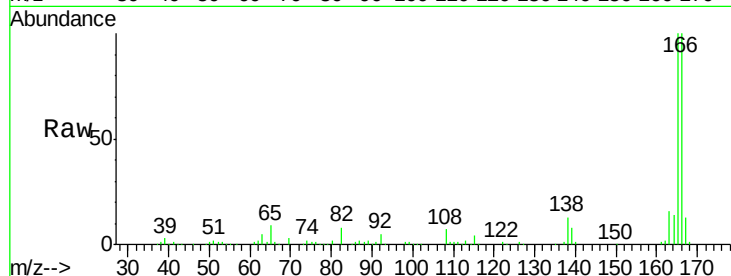




#57
Fluorene
Concen: 39.16 ng
RT: 10.85 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF080332.D
Acq: 3 Jul 2015 8:59

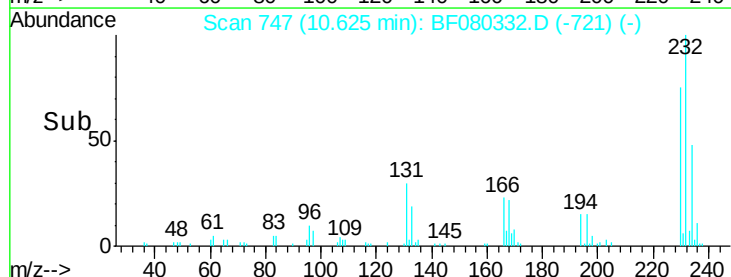
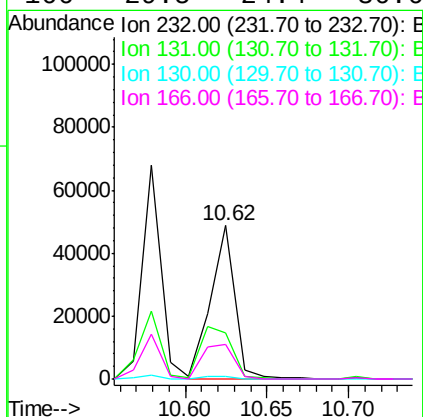
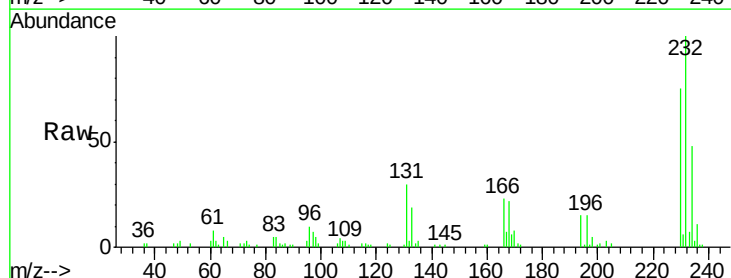
Instrument :
BNA_F
ClientSampleId :
IDOC-04-W-UM

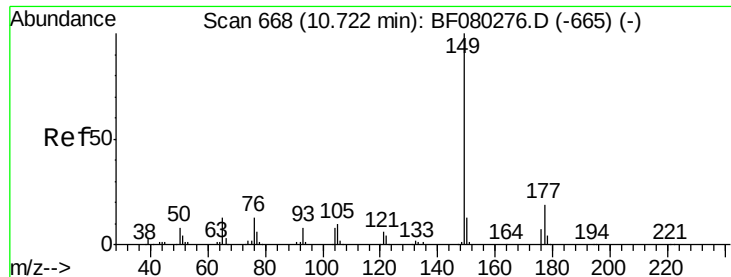
Tgt Ion:166 Resp: 216861
Ion Ratio Lower Upper
166 100
165 99.5 79.9 119.9
167 13.5 10.3 15.5



#58
2,3,4,6-Tetrachlorophenol
Concen: 40.05 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF080332.D
Acq: 3 Jul 2015 8:59

Tgt Ion:232 Resp: 50913
Ion Ratio Lower Upper
232 100
131 44.2 37.0 55.6
130 2.2 1.5 2.3
166 29.5 24.4 36.6

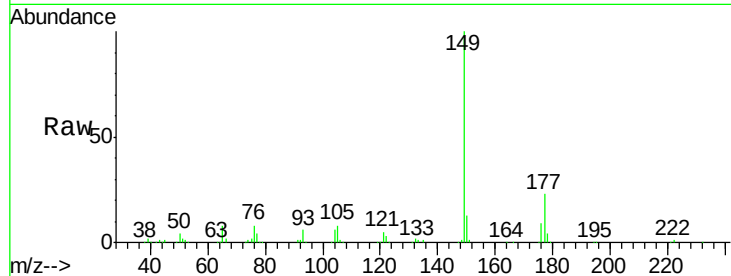




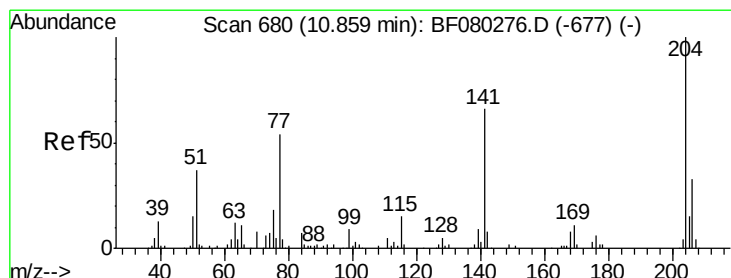
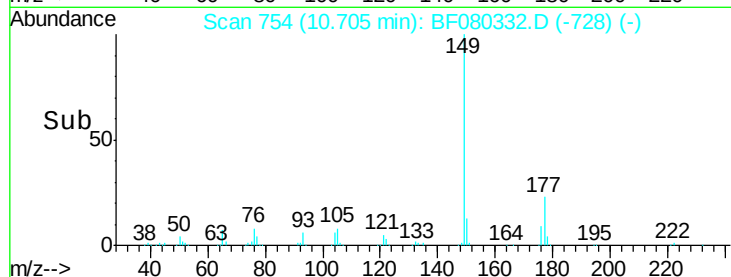
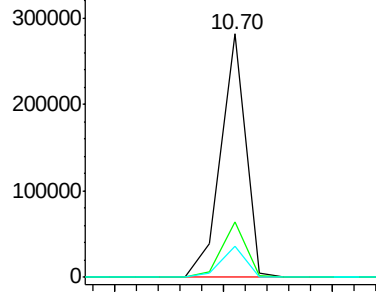
#59
Diethylphthalate
Concen: 42.77 ng
RT: 10.70 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF080332.D
Acq: 3 Jul 2015 8:59

Instrument :
BNA_F
ClientSampleId :
IDOC-04-W-UM

Tgt Ion:149 Resp: 223180
Ion Ratio Lower Upper
149 100
177 22.9 15.4 23.0
150 12.5 10.5 15.7

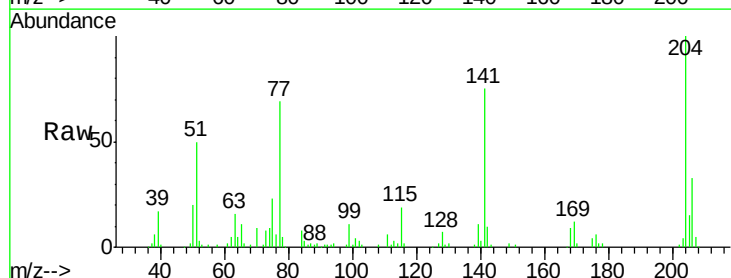


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

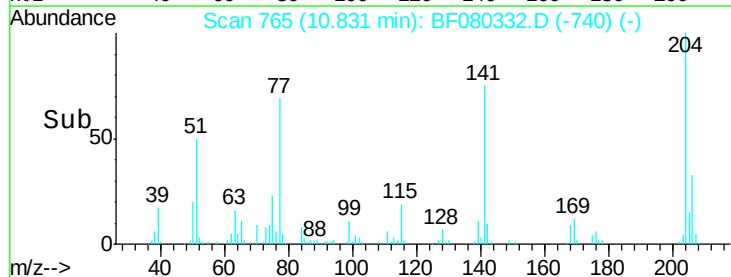
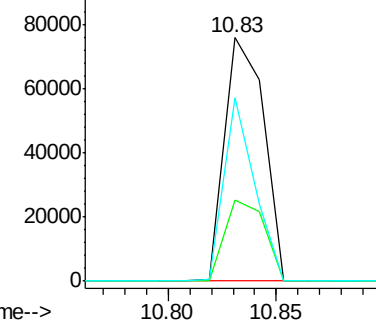


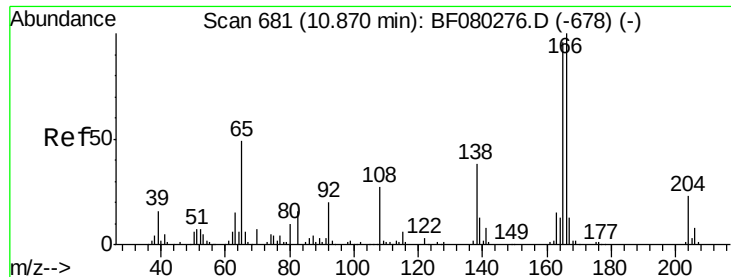
#60
4-Chlorophenyl-phenylether
Concen: 38.05 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF080332.D
Acq: 3 Jul 2015 8:59

Tgt Ion:204 Resp: 95278
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 75.5 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

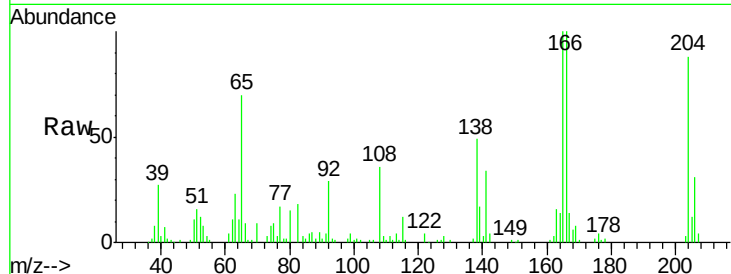




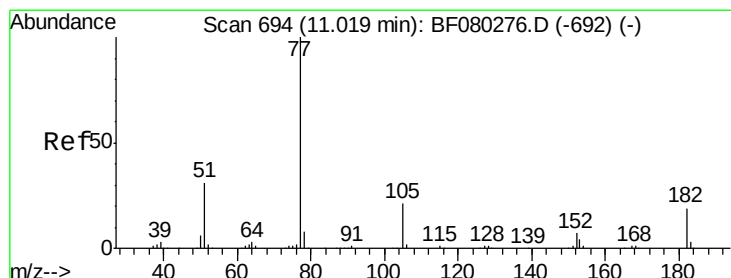
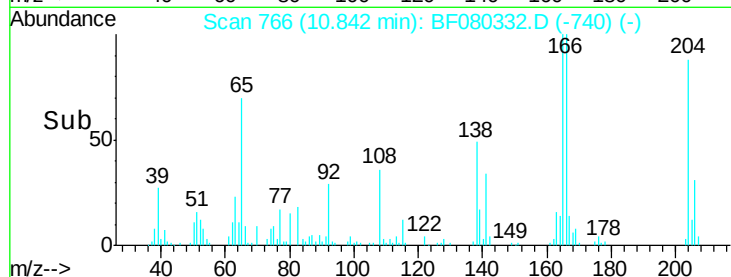
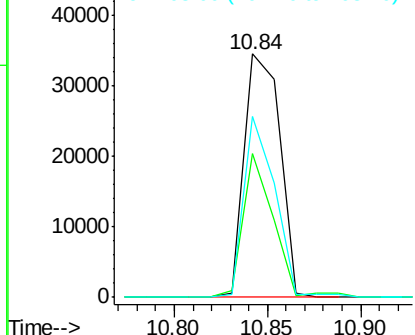
#61
4-Nitroaniline
Concen: 34.96 ng
RT: 10.84 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF080332.D
Acq: 3 Jul 2015 8:59

Instrument :
BNA_F
ClientSampleId :
IDOC-04-W-UM

Tgt Ion:138 Resp: 45743
Ion Ratio Lower Upper
138 100
92 58.9 32.7 72.7
108 74.4 49.6 89.6

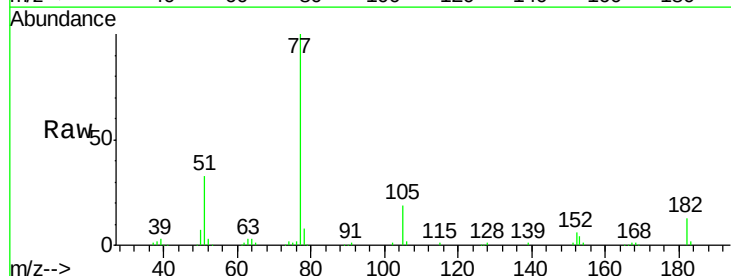


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

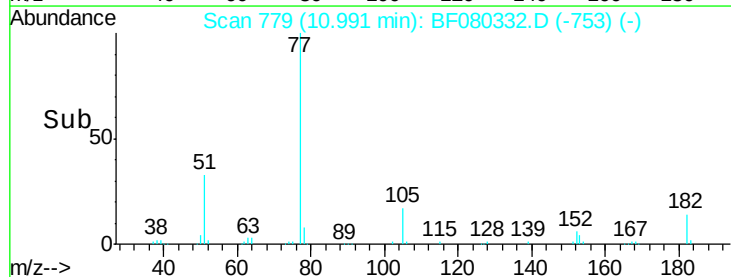
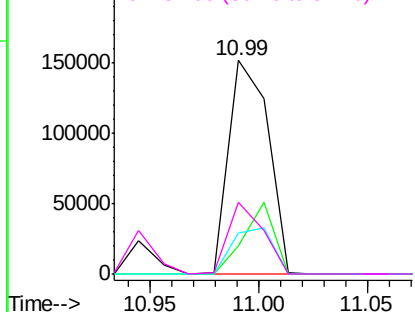


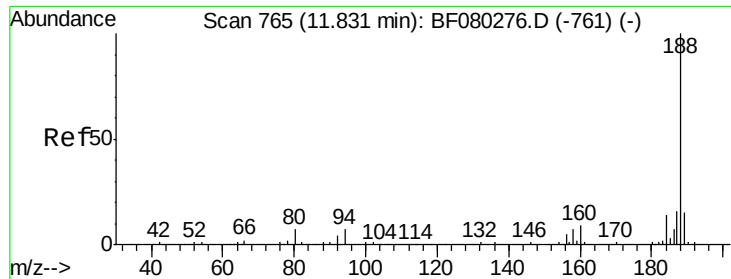
#62
Azobenzene
Concen: 35.55 ng
RT: 10.99 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF080332.D
Acq: 3 Jul 2015 8:59

Tgt Ion: 77 Resp: 190853
Ion Ratio Lower Upper
77 100
182 13.4 0.0 38.9
105 19.5 1.3 41.3
51 33.4 11.1 51.1



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

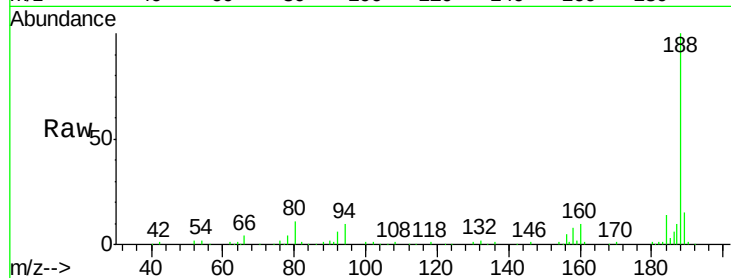




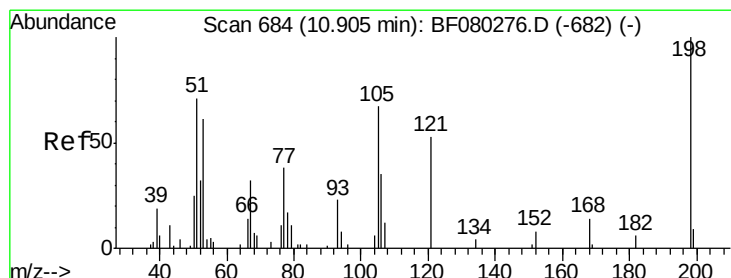
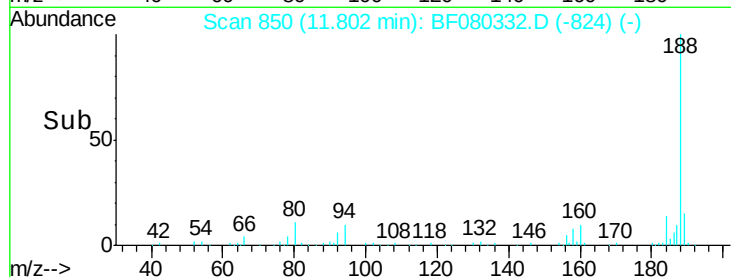
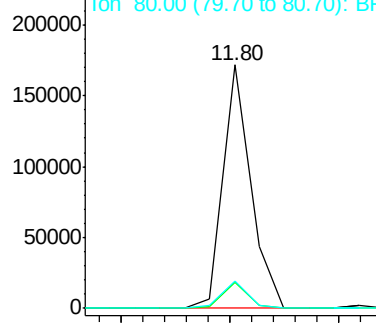
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.80 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF080332.D
Acq: 3 Jul 2015 8:59

Instrument :
BNA_F
ClientSampleId :
IDOC-04-W-UM

Tgt Ion:188 Resp: 152756
Ion Ratio Lower Upper
188 100
94 10.4 5.4 8.0#
80 11.3 5.8 8.6#

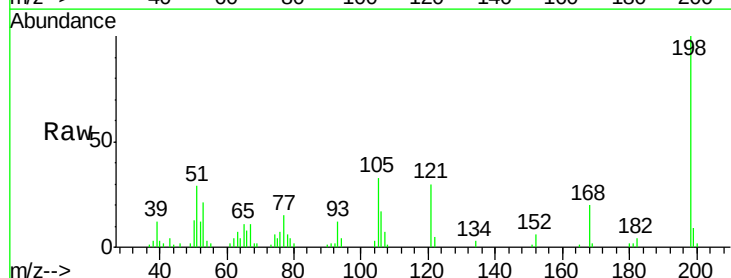


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

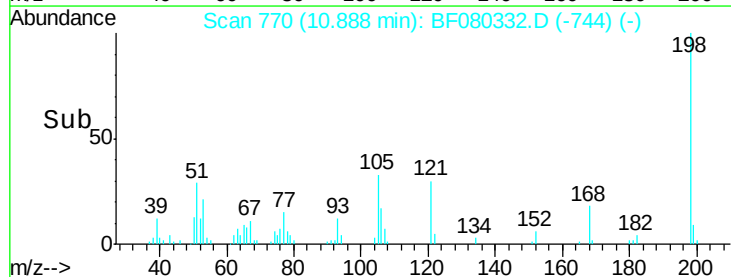
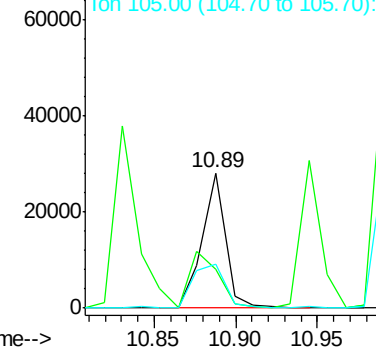


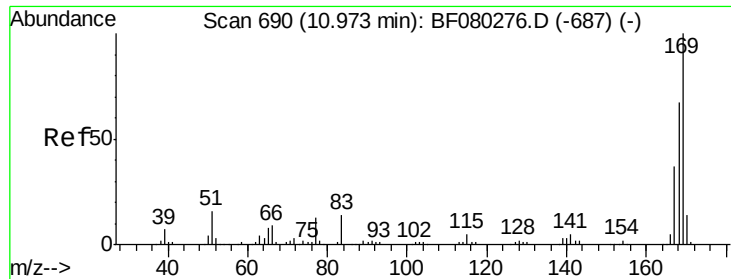
#64
4,6-Dinitro-2-methylphenol
Concen: 44.75 ng
RT: 10.89 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF080332.D
Acq: 3 Jul 2015 8:59

Tgt Ion:198 Resp: 27789
Ion Ratio Lower Upper
198 100
51 29.1 63.7 103.7#
105 32.7 46.9 86.9#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

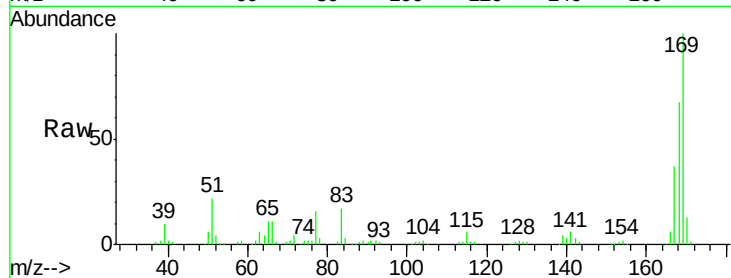




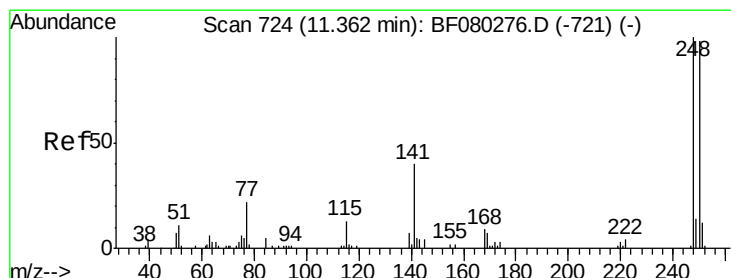
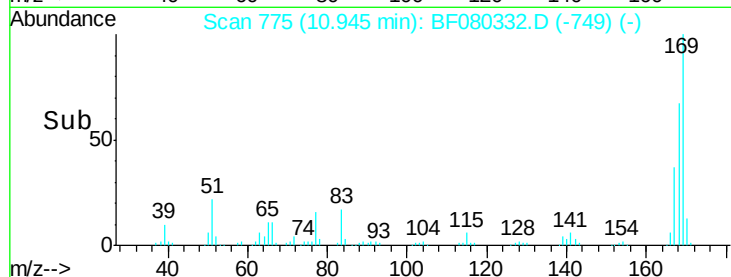
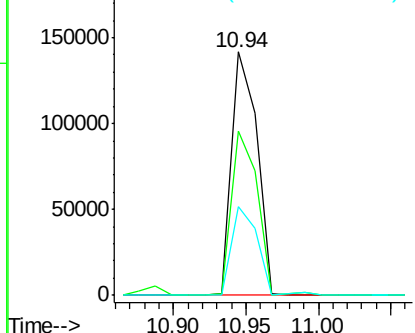
#65
 n-Nitrosodiphenylamine
 Concen: 34.17 ng
 RT: 10.94 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF080332.D
 Acq: 3 Jul 2015 8:59

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04-W-UM

Tgt Ion:169 Resp: 171532
 Ion Ratio Lower Upper
 169 100
 168 67.4 53.6 80.4
 167 36.7 29.9 44.9

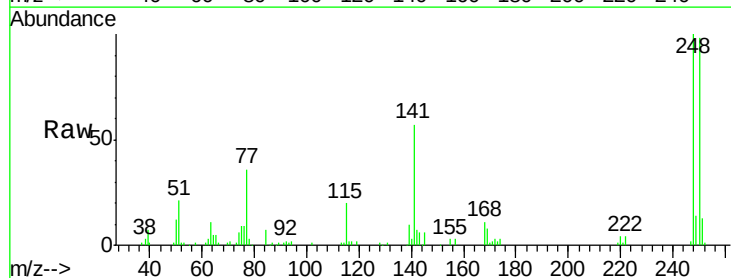


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

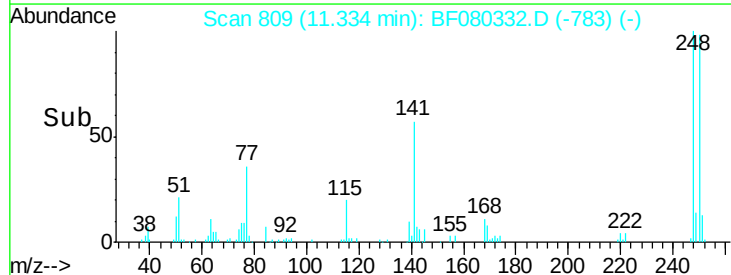
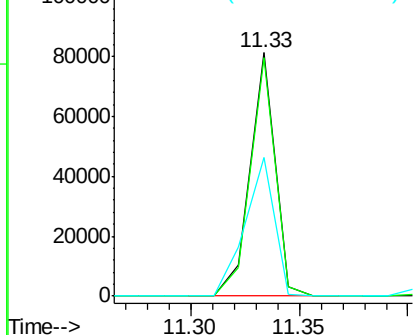


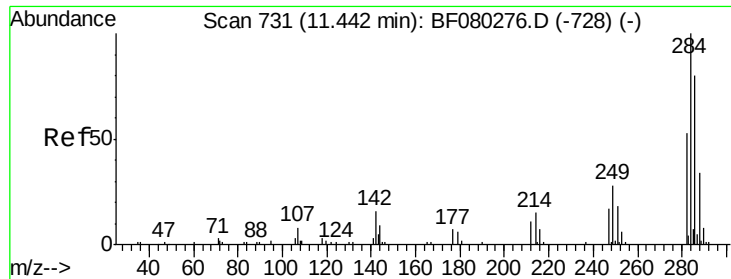
#66
 4-Bromophenyl-phenylether
 Concen: 39.42 ng
 RT: 11.33 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF080332.D
 Acq: 3 Jul 2015 8:59

Tgt Ion:248 Resp: 65082
 Ion Ratio Lower Upper
 248 100
 250 98.0 78.2 117.4
 141 57.0 31.9 47.9#



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





#67

Hexachlorobenzene

Concen: 38.22 ng

RT: 11.41 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF080332.D

Acq: 3 Jul 2015 8:59

Instrument :

BNA_F

ClientSampleId :

IDOC-04-W-UM

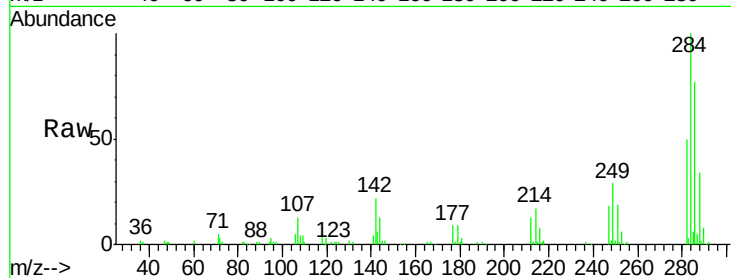
Tgt Ion:284 Resp: 67624

Ion Ratio Lower Upper

284 100

142 22.4 12.5 18.7#

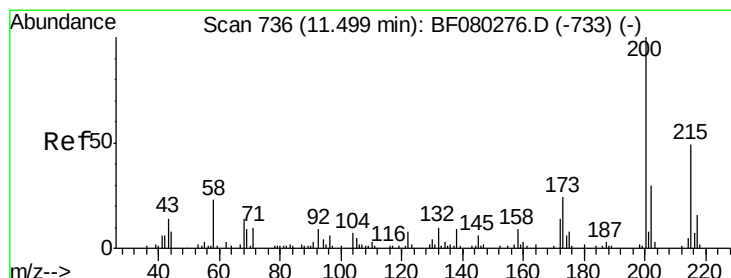
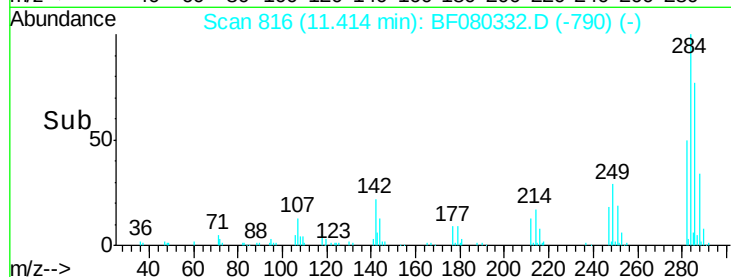
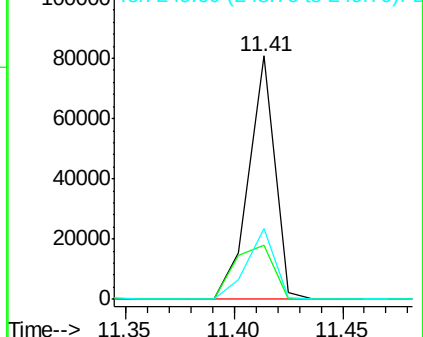
249 29.2 22.4 33.6



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: 36.31 ng

RT: 11.47 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF080332.D

Acq: 3 Jul 2015 8:59

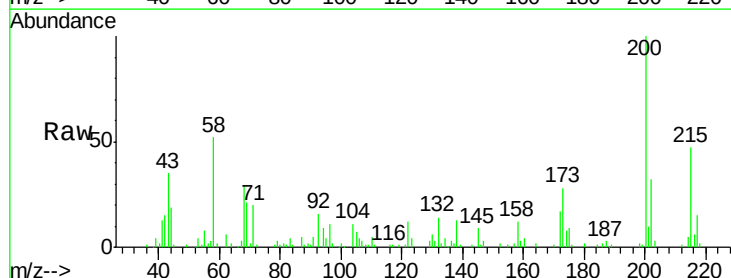
Tgt Ion:200 Resp: 55101

Ion Ratio Lower Upper

200 100

173 28.4 3.5 43.5

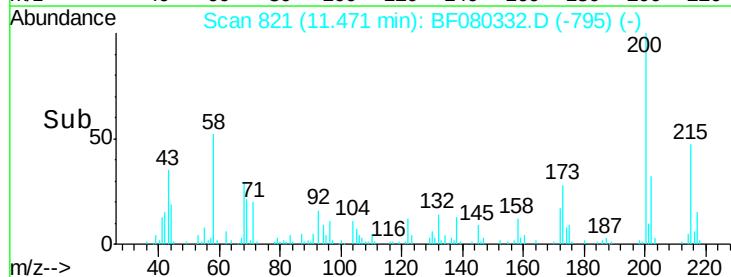
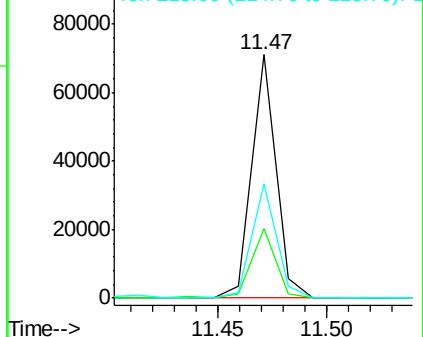
215 46.8 28.6 68.6

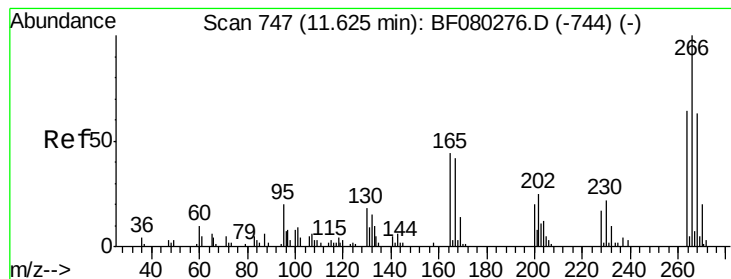


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 69.71 ng

RT: 11.60 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF080332.D

Acq: 3 Jul 2015 8:59

Instrument :

BNA_F

ClientSampleId :

IDOC-04-W-UM

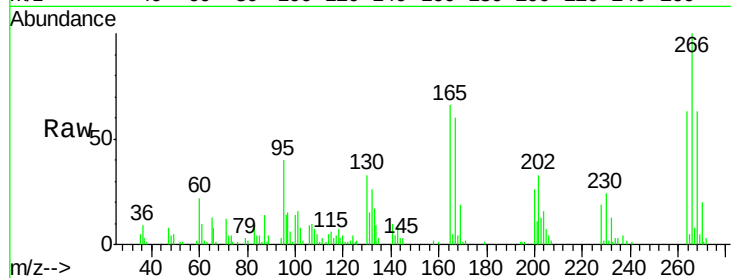
Tgt Ion:266 Resp: 66037

Ion Ratio Lower Upper

266 100

268 63.4 50.7 76.1

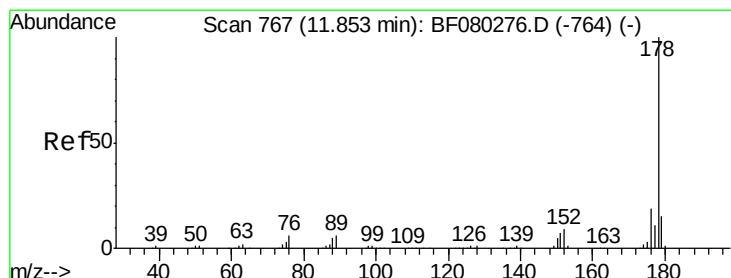
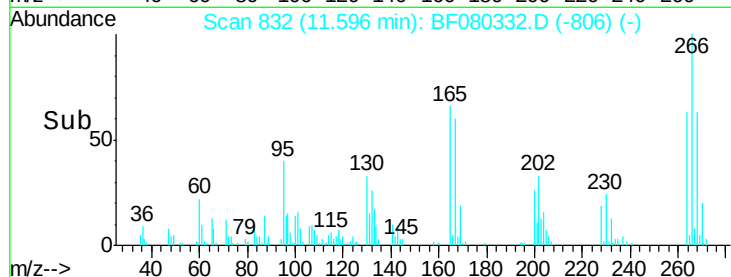
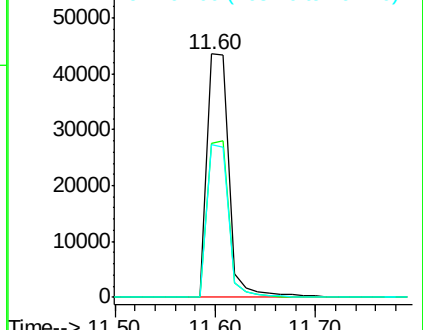
264 62.7 51.3 76.9



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: 34.45 ng

RT: 11.82 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF080332.D

Acq: 3 Jul 2015 8:59

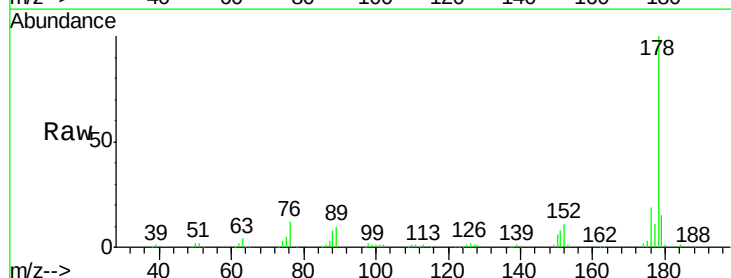
Tgt Ion:178 Resp: 315300

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

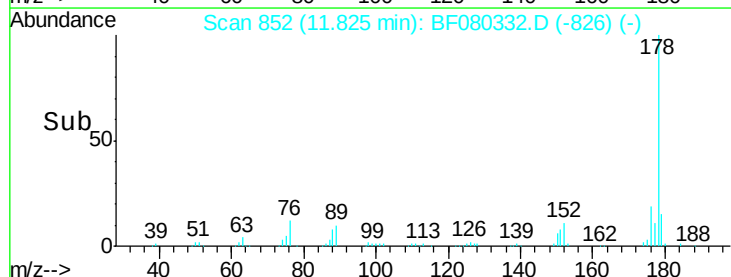
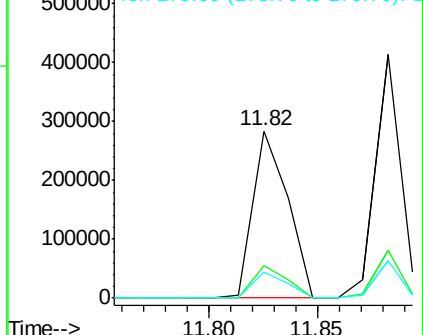
179 15.4 12.2 18.2

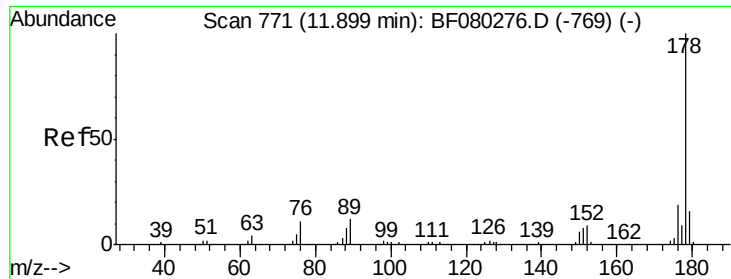


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

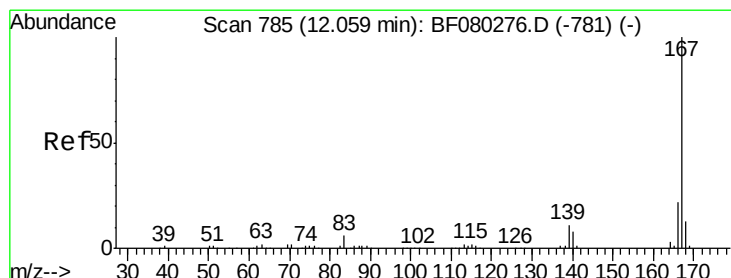
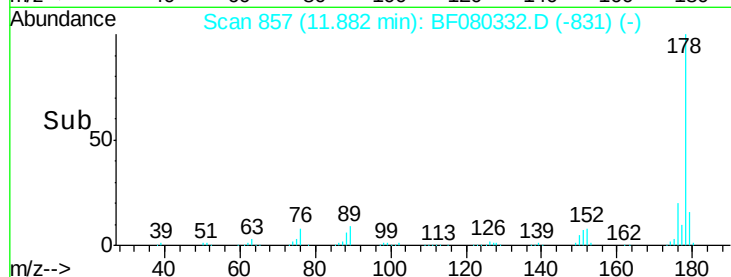
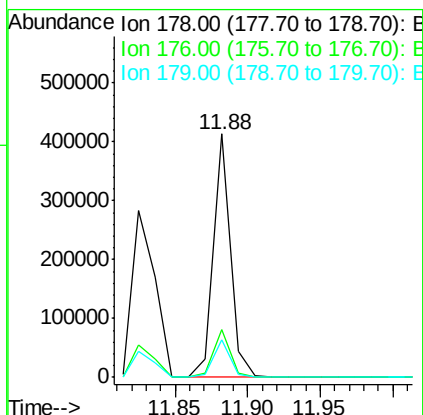
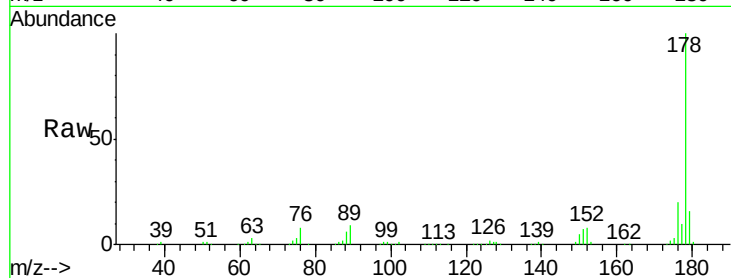




#71
 Anthracene
 Concen: 38.49 ng
 RT: 11.88 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF080332.D
 Acq: 3 Jul 2015 8:59

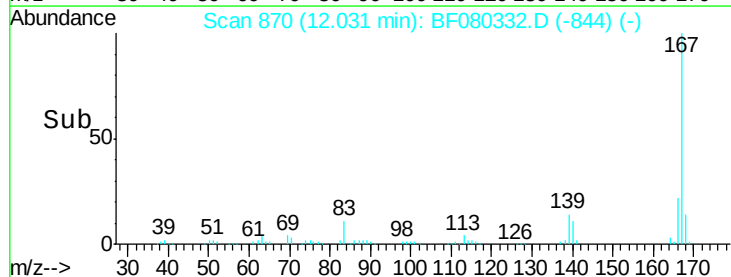
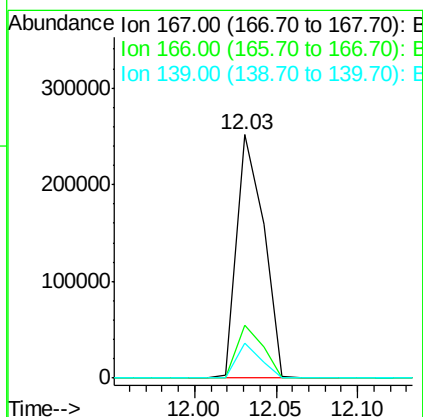
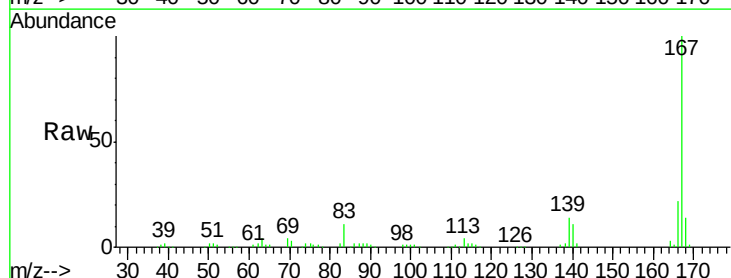
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04-W-UM

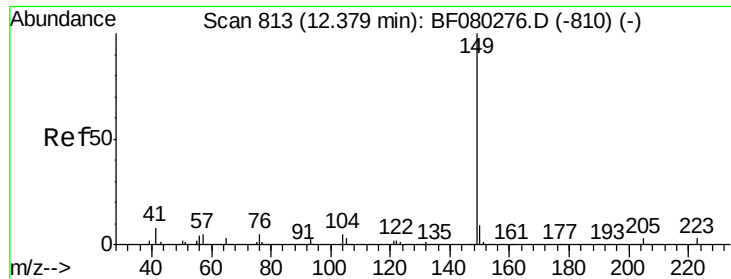
Tgt Ion:178 Resp: 337978
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.2 22.8
 179 15.6 12.6 18.8



#72
 Carbazole
 Concen: 34.83 ng
 RT: 12.03 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: BF080332.D
 Acq: 3 Jul 2015 8:59

Tgt Ion:167 Resp: 286025
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.3 25.9
 139 14.2 8.6 13.0#





#73

Di-n-butylphthalate

Concen: 38.91 ng

RT: 12.37 min Scan# 900

Delta R.T. 0.02 min

Lab File: BF080332.D

Acq: 3 Jul 2015 8:59

Instrument :

BNA_F

ClientSampleId :

IDOC-04-W-UM

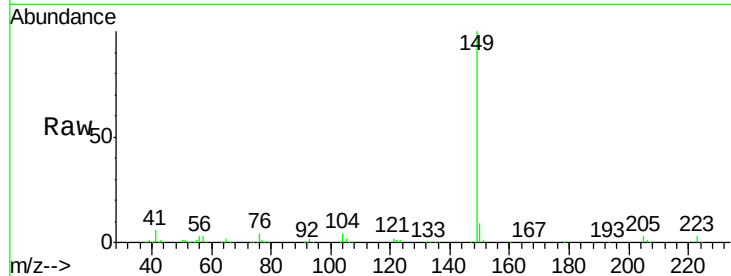
Tgt Ion:149 Resp: 342772

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

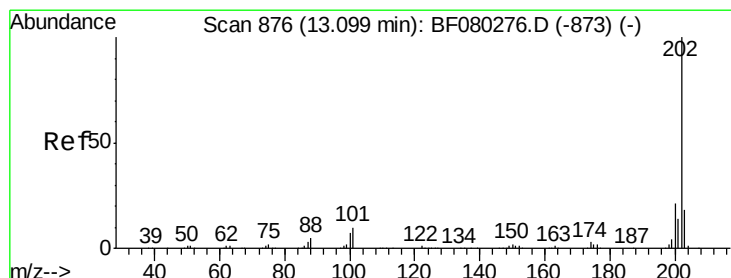
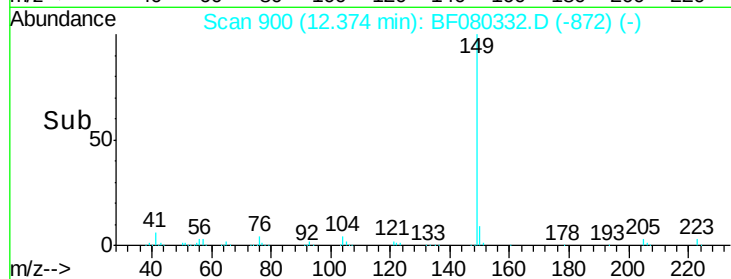
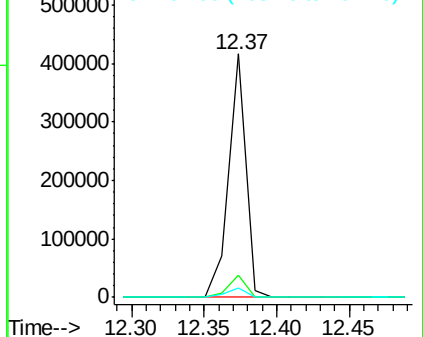
104 4.1 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.85 ng

RT: 13.11 min Scan# 964

Delta R.T. 0.03 min

Lab File: BF080332.D

Acq: 3 Jul 2015 8:59

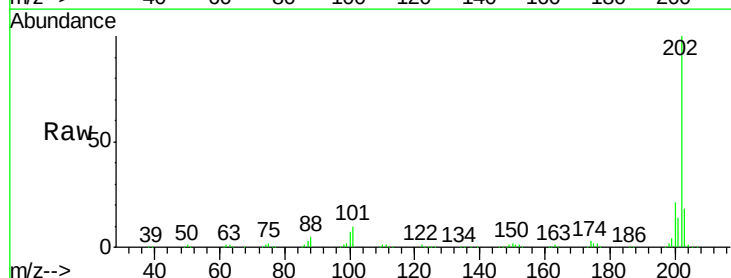
Tgt Ion:202 Resp: 357870

Ion Ratio Lower Upper

202 100

101 9.5 0.0 30.4

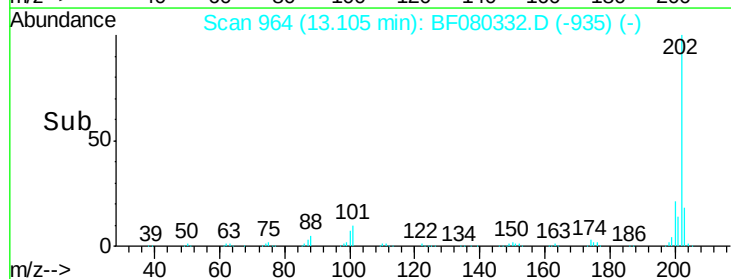
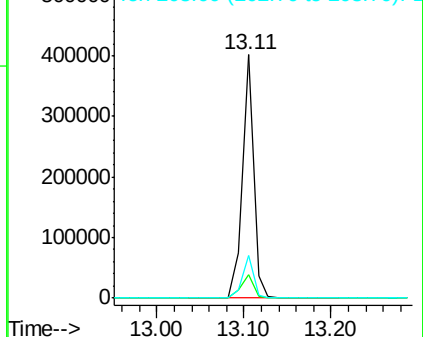
203 17.7 0.0 37.5

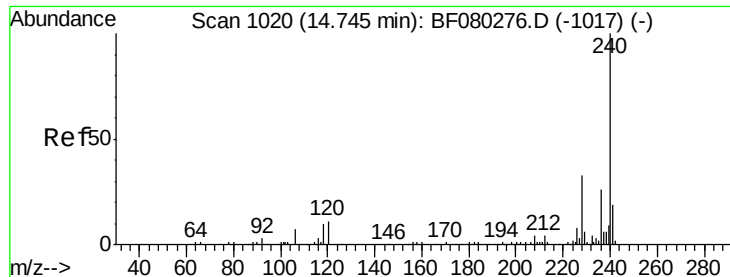


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.82 min Scan# 1114

Delta R.T. 0.10 min

Lab File: BF080332.D

Acq: 3 Jul 2015 8:59

Instrument :

BNA_F

ClientSampleId :

IDOC-04-W-UM

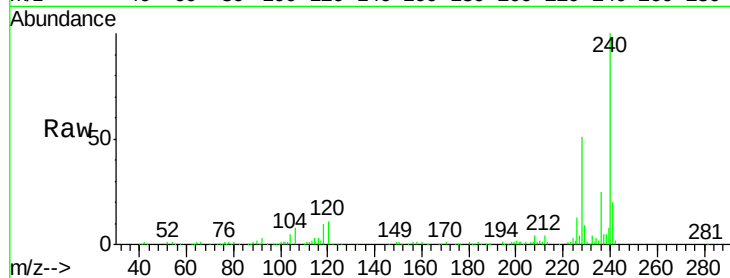
Tgt Ion:240 Resp: 162643

Ion Ratio Lower Upper

240 100

120 11.2 8.7 13.1

236 25.5 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

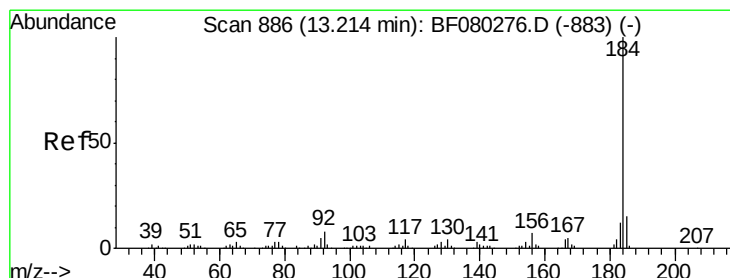
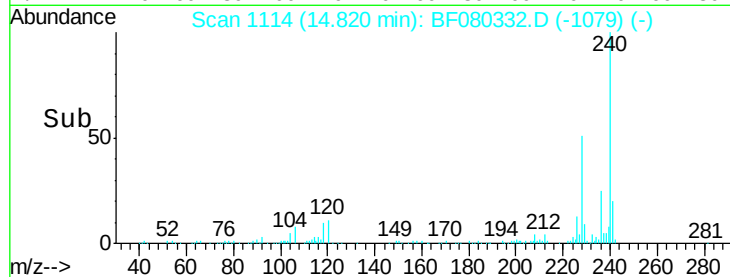
0

14.82

14.80

14.90

Time-->



#76

Benzidine

Concen: 22.15 ng

RT: 13.23 min Scan# 975

Delta R.T. 0.05 min

Lab File: BF080332.D

Acq: 3 Jul 2015 8:59

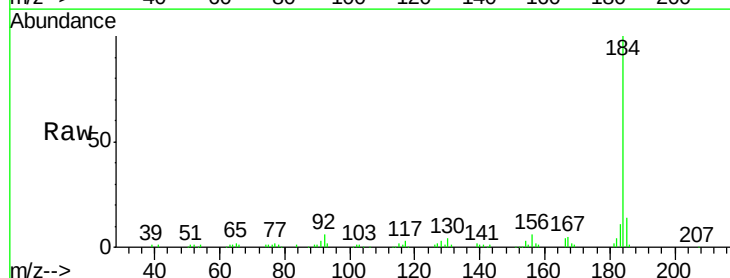
Tgt Ion:184 Resp: 105499

Ion Ratio Lower Upper

184 100

185 13.9 11.8 17.6

183 11.1 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

100000

50000

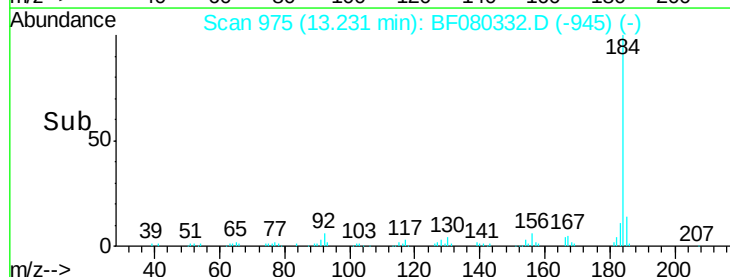
0

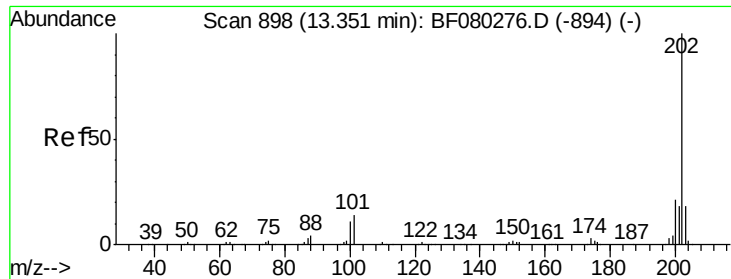
13.23

13.20

13.30

Time-->

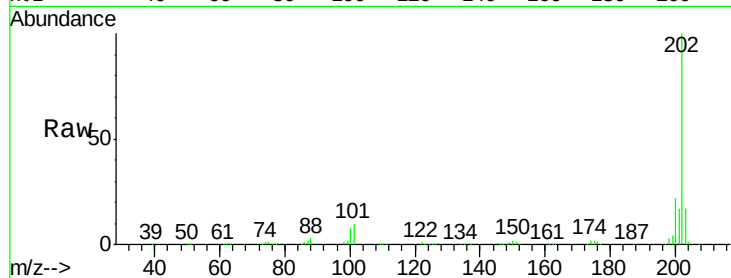




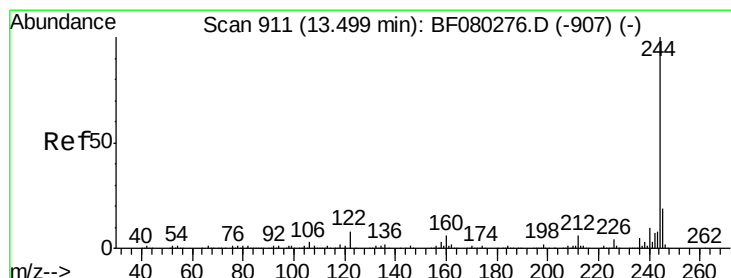
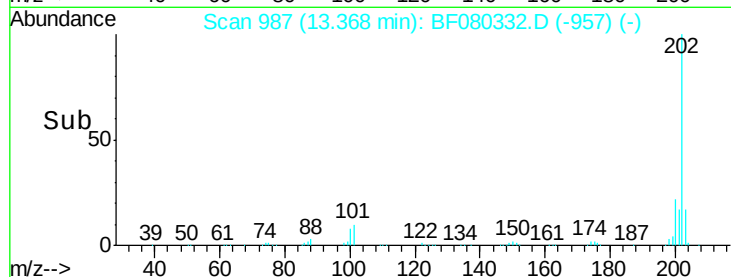
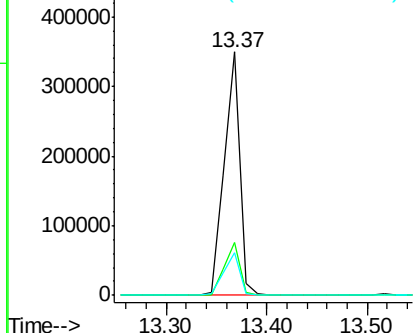
#77
 Pyrene
 Concen: 36.11 ng
 RT: 13.37 min Scan# 987
 Delta R.T. 0.05 min
 Lab File: BF080332.D
 Acq: 3 Jul 2015 8:59

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04-W-UM

Tgt Ion: 202 Resp: 375955
 Ion Ratio Lower Upper
 202 100
 200 21.7 17.0 25.6
 203 17.5 14.0 21.0

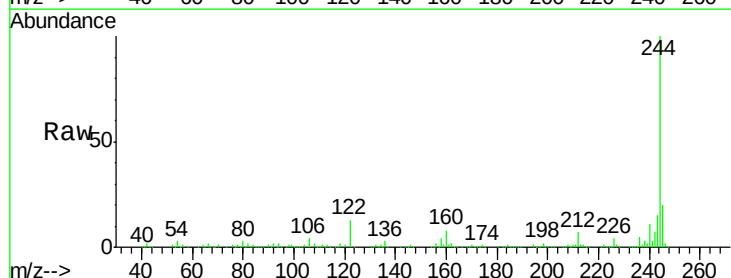


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

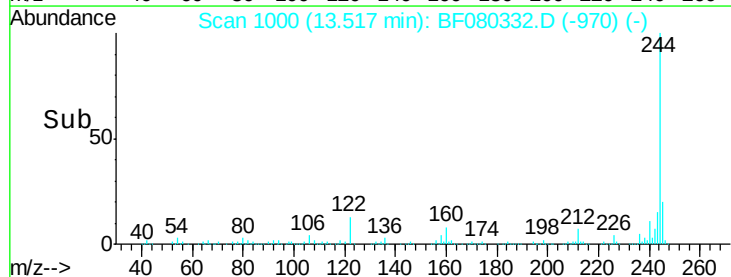
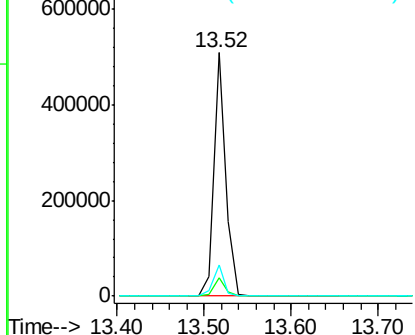


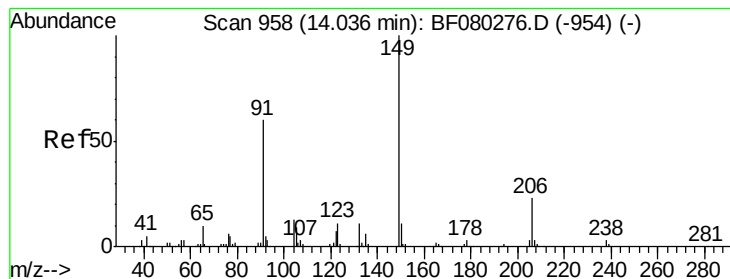
#78
 Terphenyl-d14
 Concen: 70.50 ng
 RT: 13.52 min Scan# 1000
 Delta R.T. 0.05 min
 Lab File: BF080332.D
 Acq: 3 Jul 2015 8:59

Tgt Ion: 244 Resp: 489516
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.0 7.6
 122 12.9 6.6 9.8#



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





#79

Butylbenzylphthalate

Concen: 36.00 ng

RT: 14.08 min Scan# 1049

Delta R.T. 0.07 min

Lab File: BF080332.D

Acq: 3 Jul 2015 8:59

Instrument :

BNA_F

ClientSampleId :

IDOC-04-W-UM

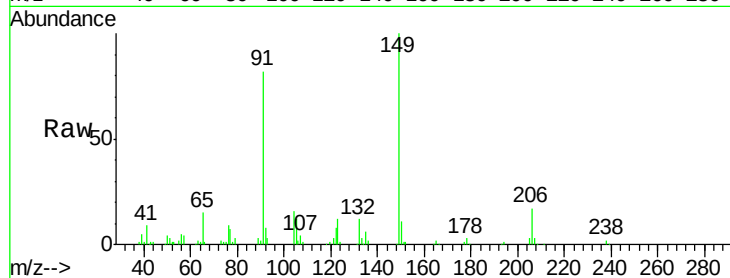
Tgt Ion:149 Resp: 143701

Ion Ratio Lower Upper

149 100

91 81.6 48.1 72.1#

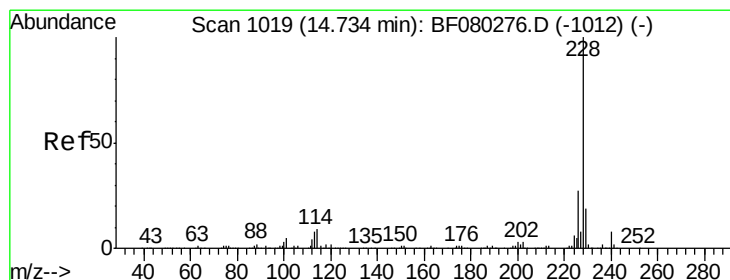
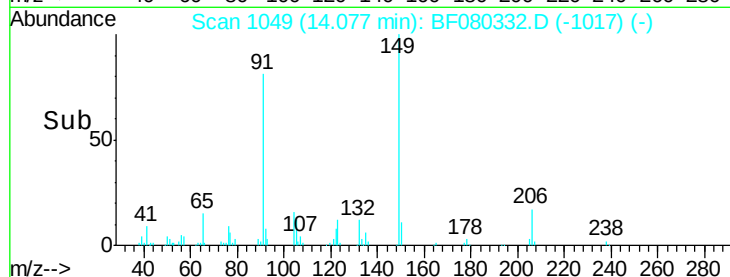
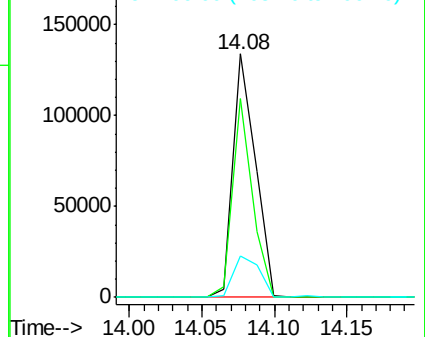
206 16.9 18.1 27.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 36.52 ng

RT: 14.81 min Scan# 1113

Delta R.T. 0.10 min

Lab File: BF080332.D

Acq: 3 Jul 2015 8:59

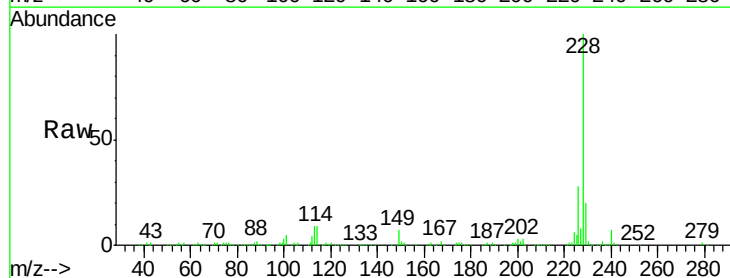
Tgt Ion:228 Resp: 358931

Ion Ratio Lower Upper

228 100

226 28.0 21.7 32.5

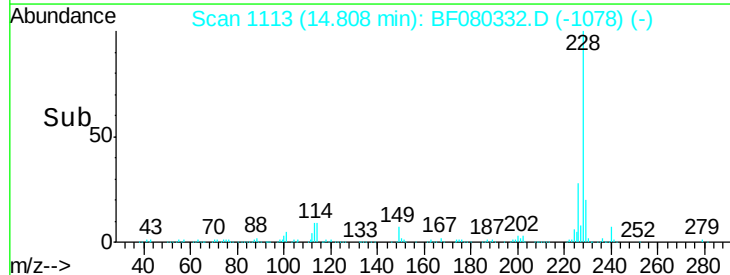
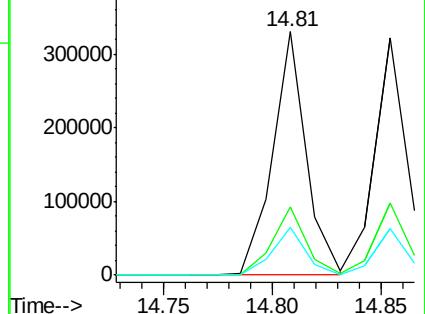
229 19.9 15.5 23.3

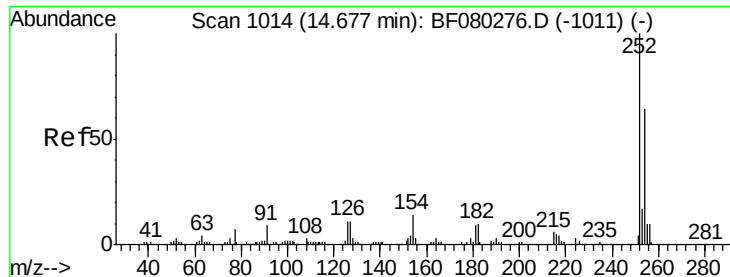


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

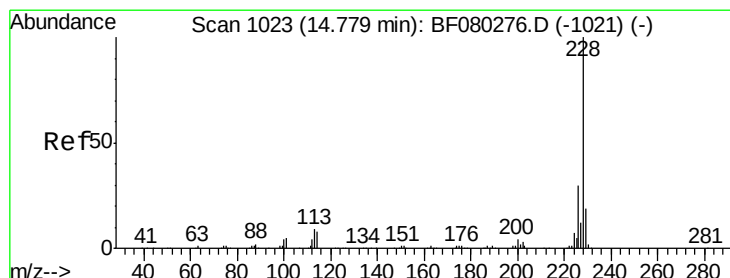
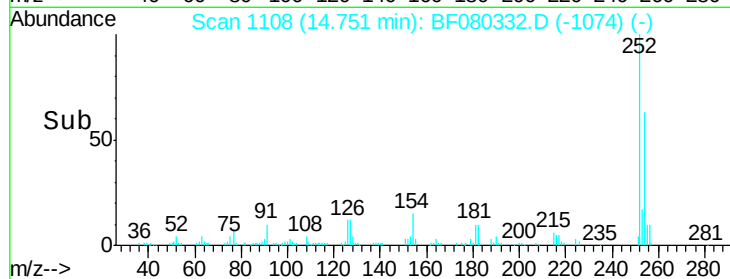
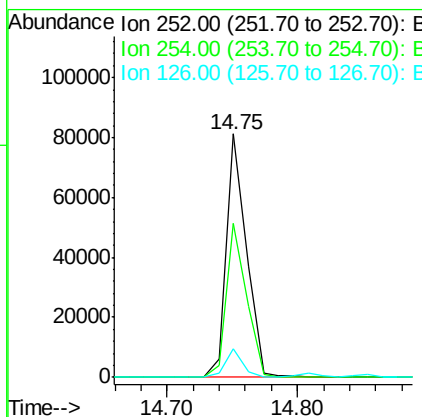
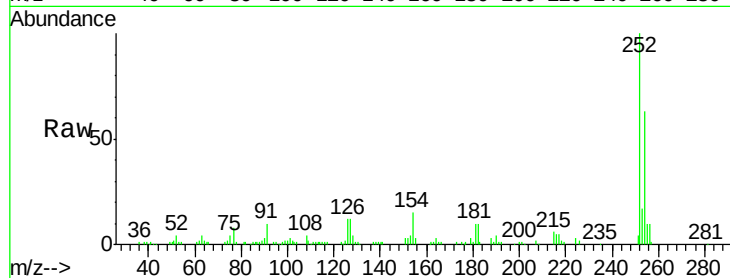




#81
 3,3'-Dichlorobenzidine
 Concen: 27.19 ng
 RT: 14.75 min Scan# 1108
 Delta R.T. 0.09 min
 Lab File: BF080332.D
 Acq: 3 Jul 2015 8:59

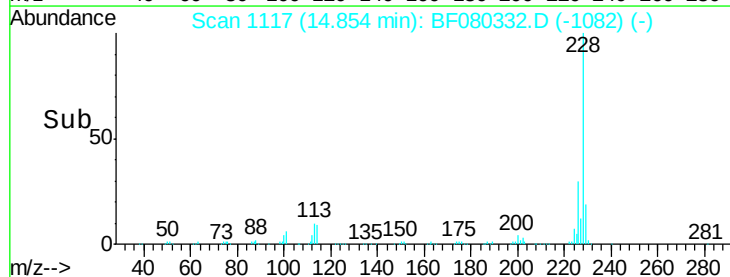
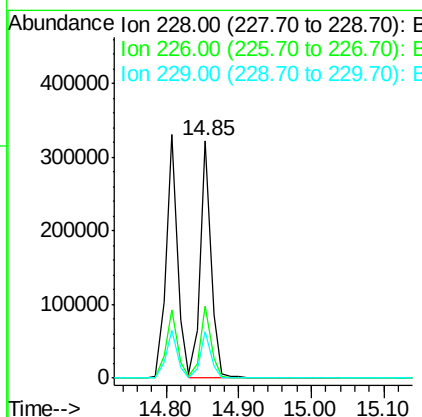
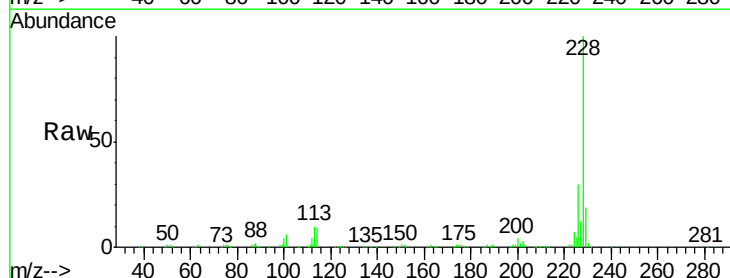
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04-W-UM

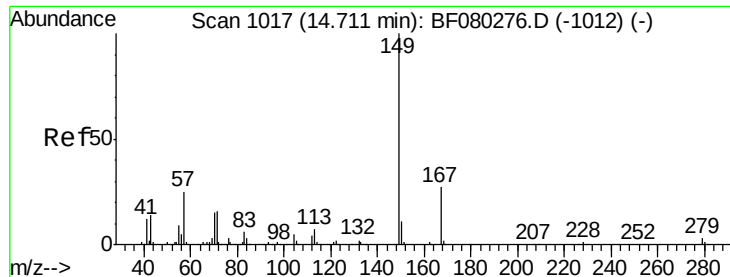
Tgt Ion:252 Resp: 87237
 Ion Ratio Lower Upper
 252 100
 254 63.2 50.8 76.2
 126 11.6 9.0 13.6



#82
 Chrysene
 Concen: 37.13 ng
 RT: 14.85 min Scan# 1117
 Delta R.T. 0.10 min
 Lab File: BF080332.D
 Acq: 3 Jul 2015 8:59

Tgt Ion:228 Resp: 336420
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.0 36.0
 229 19.4 15.4 23.0

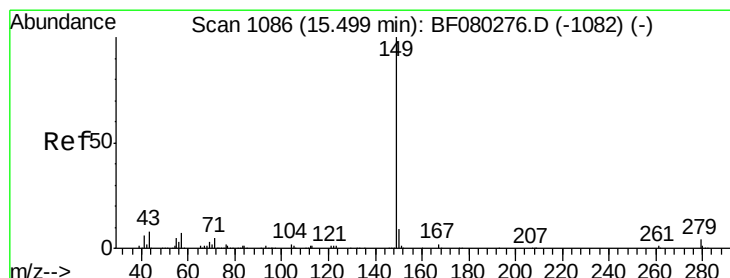
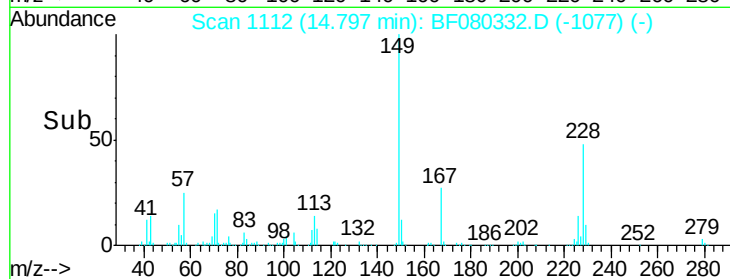
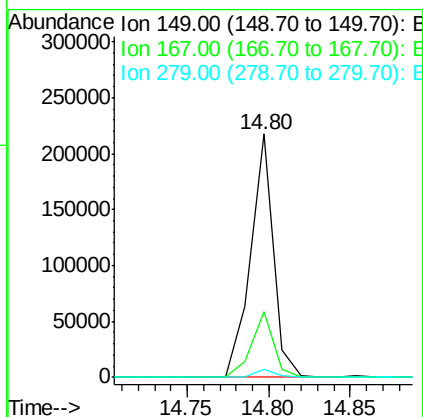
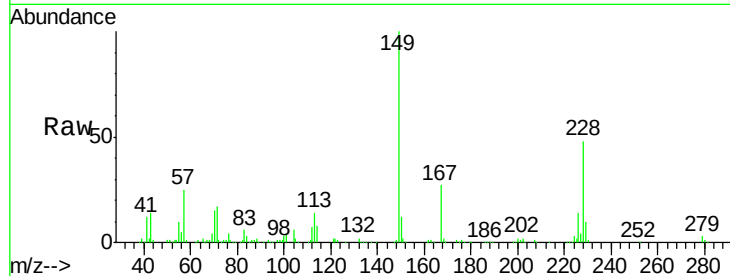




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.58 ng
 RT: 14.80 min Scan# 1112
 Delta R.T. 0.10 min
 Lab File: BF080332.D
 Acq: 3 Jul 2015 8:59

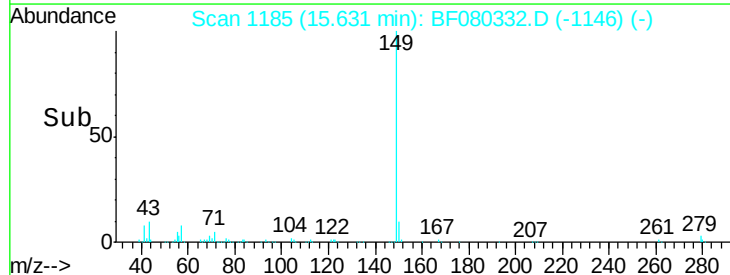
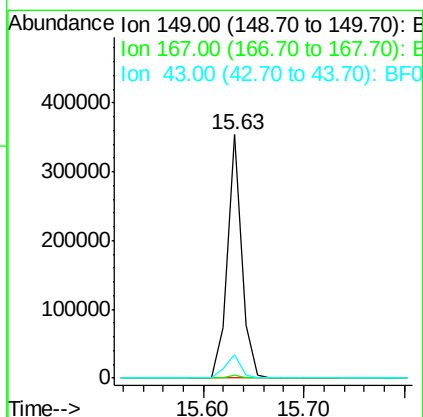
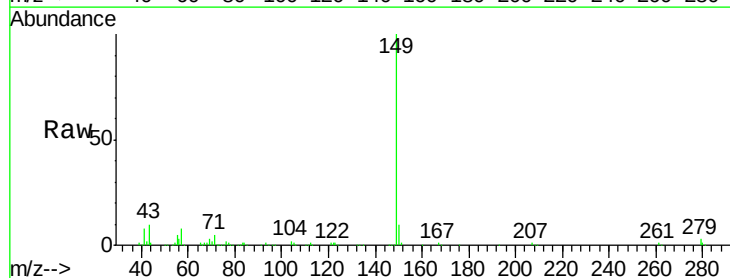
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04-W-UM

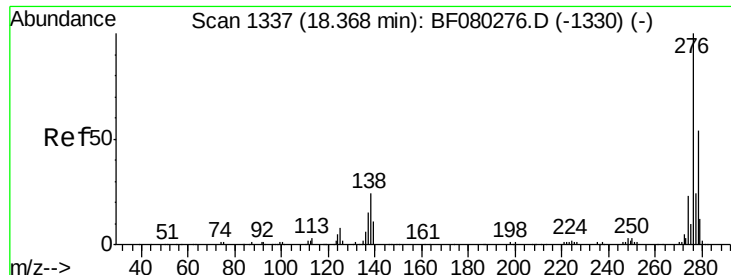
Tgt Ion:149 Resp: 211164
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.7 32.5
 279 3.3 2.7 4.1



#84
 Di-n-octyl phthalate
 Concen: 37.17 ng
 RT: 15.63 min Scan# 1185
 Delta R.T. 0.15 min
 Lab File: BF080332.D
 Acq: 3 Jul 2015 8:59

Tgt Ion:149 Resp: 351901
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 11.0 8.3 12.5

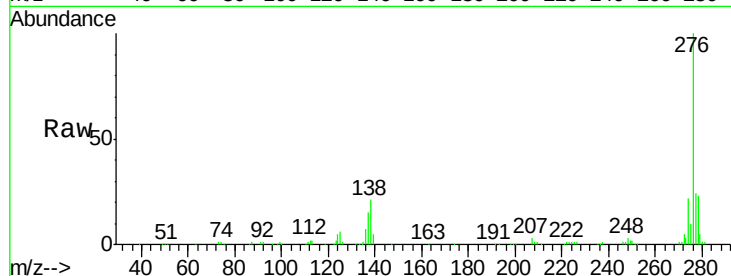




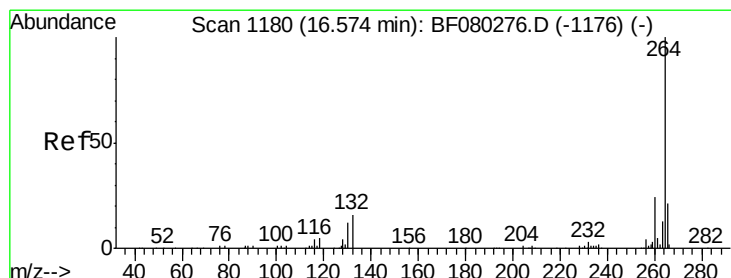
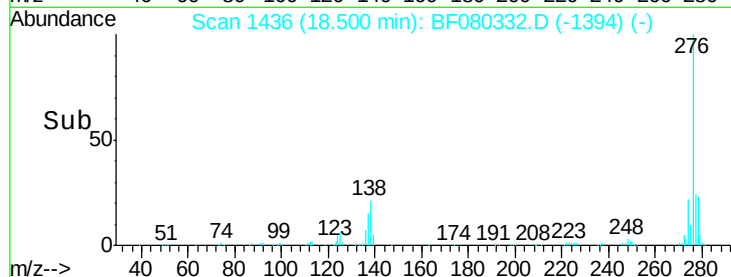
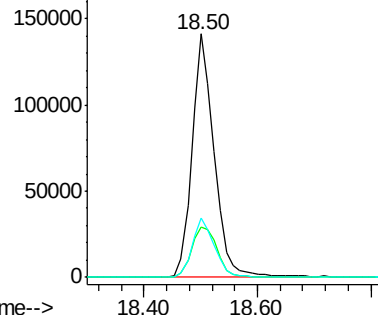
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.66 ng
 RT: 18.50 min Scan# 1436
 Delta R.T. 0.18 min
 Lab File: BF080332.D
 Acq: 3 Jul 2015 8:59

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04-W-UM

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.6	21.0	31.6
277	24.7	19.4	29.0

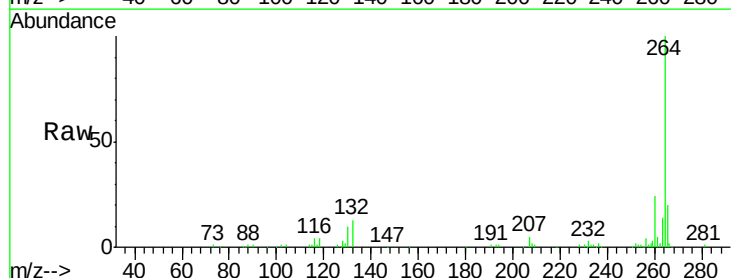


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

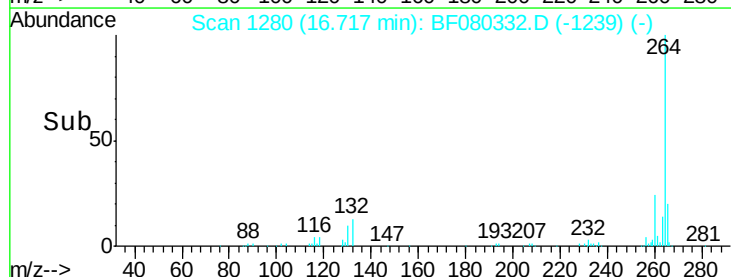
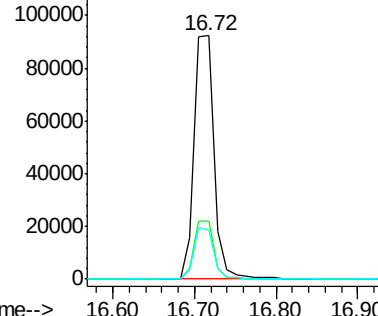


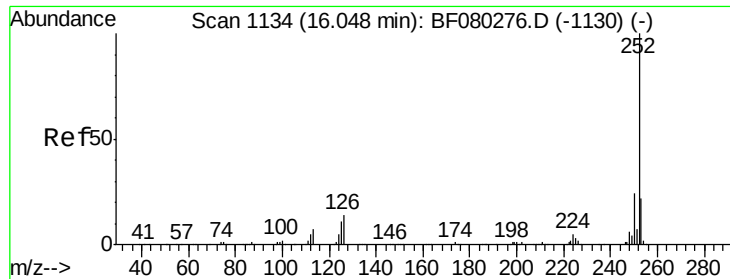
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.72 min Scan# 1280
 Delta R.T. 0.17 min
 Lab File: BF080332.D
 Acq: 3 Jul 2015 8:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.3	16.9	25.3



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





#87

Benzo(b)fluoranthene

Concen: 36.46 ng

RT: 16.23 min Scan# 1237

Delta R.T. 0.19 min

Lab File: BF080332.D

Acq: 3 Jul 2015 8:59

Instrument :

BNA_F

ClientSampleId :

IDOC-04-W-UM

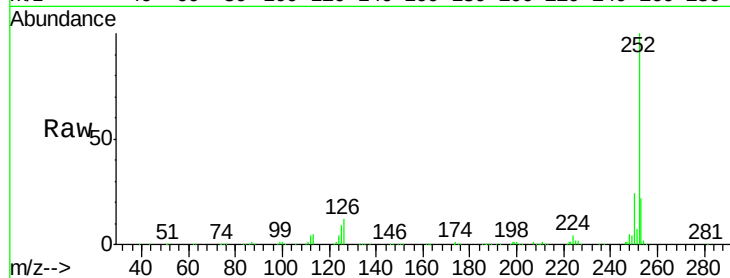
Tgt Ion:252 Resp: 359623

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

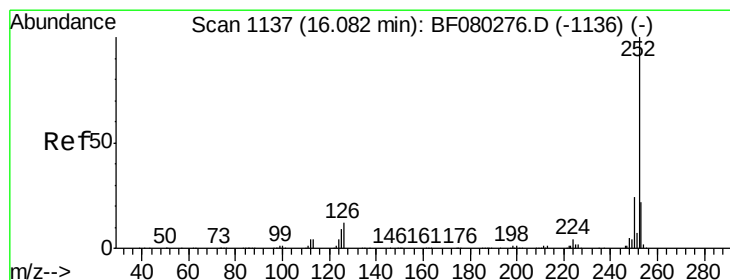
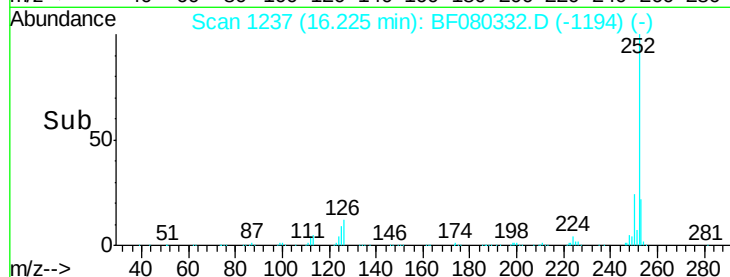
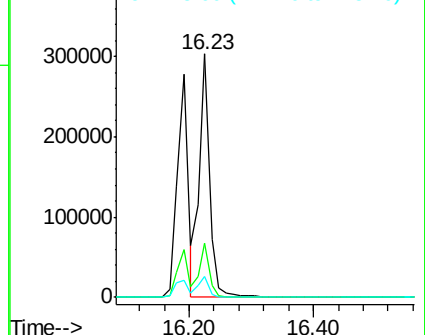
125 8.6 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 38.73 ng

RT: 16.23 min Scan# 1237

Delta R.T. 0.16 min

Lab File: BF080332.D

Acq: 3 Jul 2015 8:59

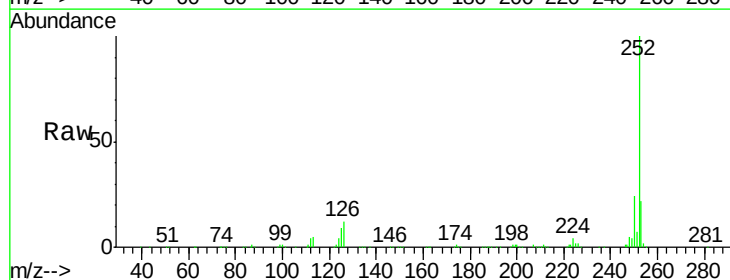
Tgt Ion:252 Resp: 359837

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

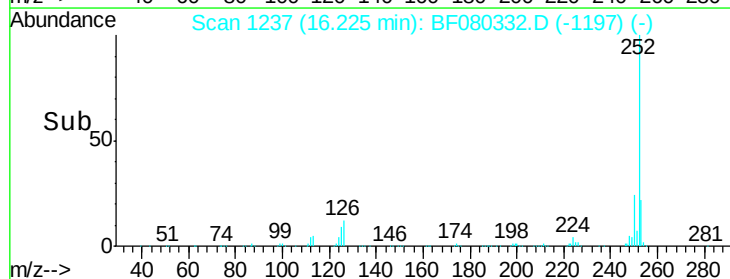
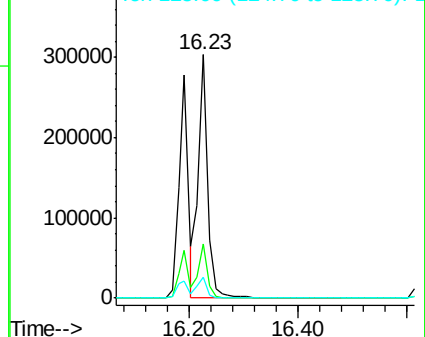
125 8.6 8.4 12.6

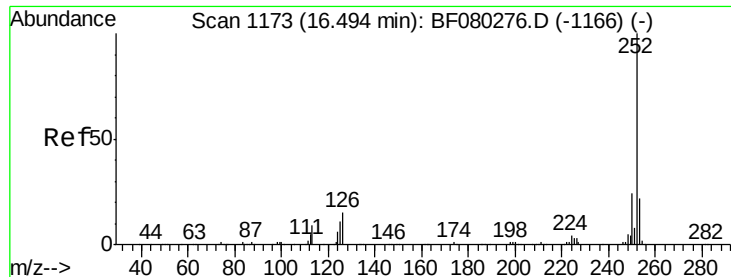


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.26 ng

RT: 16.64 min Scan# 1273

Delta R.T. 0.17 min

Lab File: BF080332.D

Acq: 3 Jul 2015 8:59

Instrument :

BNA_F

ClientSampleId :

IDOC-04-W-UM

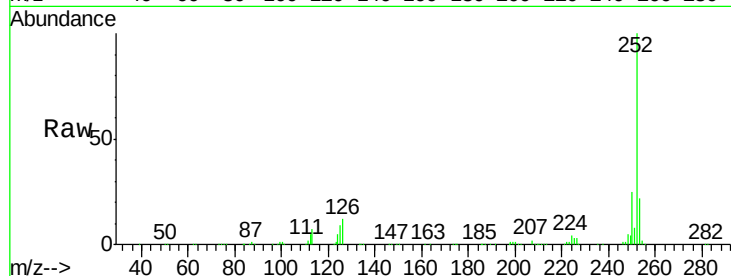
Tgt Ion:252 Resp: 343973

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

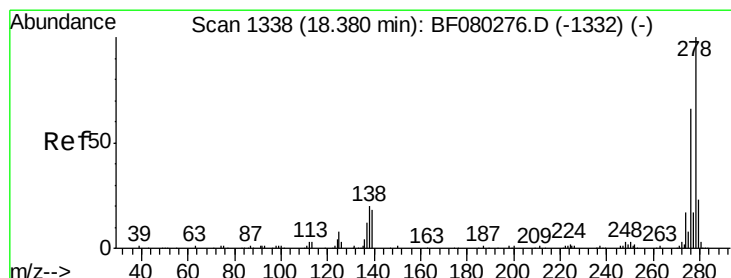
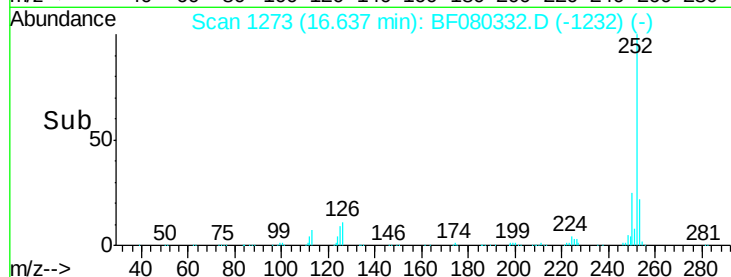
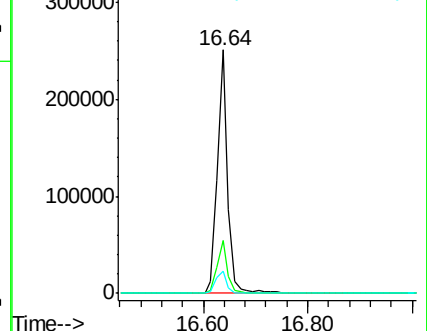
125 9.3 9.0 13.4



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: 38.99 ng

RT: 18.52 min Scan# 1438

Delta R.T. 0.18 min

Lab File: BF080332.D

Acq: 3 Jul 2015 8:59

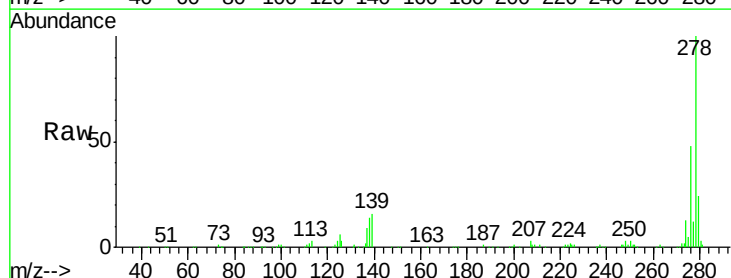
Tgt Ion:278 Resp: 328860

Ion Ratio Lower Upper

278 100

139 15.9 14.6 21.8

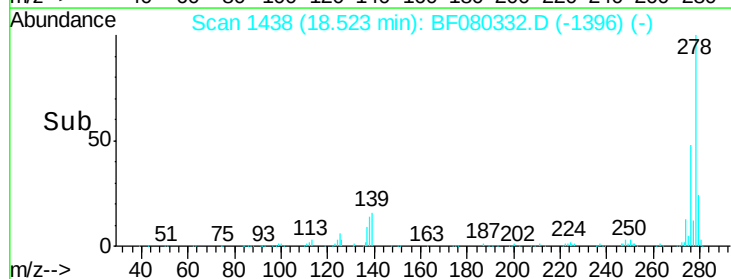
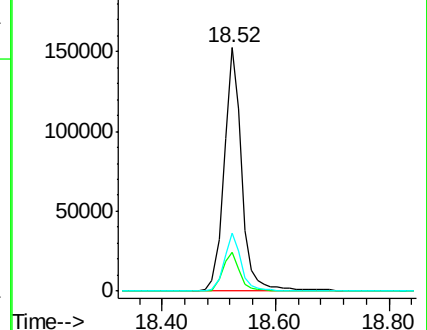
279 24.1 18.7 28.1

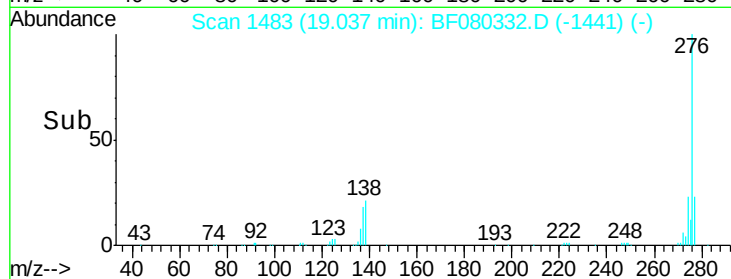
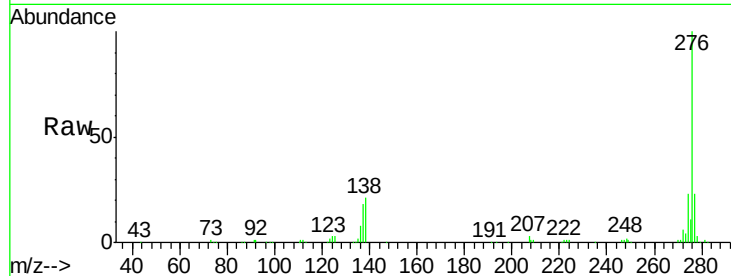
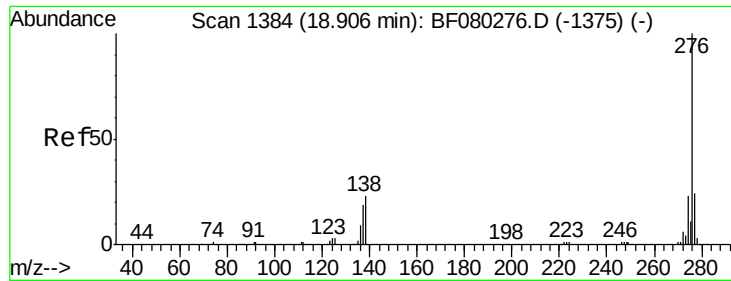


Abundance Ion 278.00 (277.70 to 278.70): E

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: 37.03 ng

RT: 19.04 min Scan# 1483

Delta R.T. 0.18 min

Lab File: BF080332.D

Acq: 3 Jul 2015 8:59

Instrument :

BNA_F

ClientSampleId :

IDOC-04-W-UM

Tgt Ion: 276 Resp: 325848

Ion Ratio Lower Upper

276 100

277 22.8 19.0 28.6

138 21.2 18.1 27.1

