

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
 Data File : BF080328.D
 Acq On : 3 Jul 2015 7:04
 Operator : TP/IZ
 Sample : IDOC-04-S-UM
 Misc : IDOC-SOIL
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Jul 03 08:40:17 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 13:33:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	32932	20.00	ng	-0.03
21) Naphthalene-d8	8.53	136	126533	20.00	ng	-0.03
38) Acenaphthene-d10	10.30	164	63664	20.00	ng	-0.02
63) Phenanthrene-d10	11.80	188	132118	20.00	ng	-0.03
75) Chrysene-d12	14.75	240	139526	20.00	ng	0.00
86) Perylene-d12	16.60	264	134019	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.85	112	169635	89.20	ng	-0.03
7) Phenol-d6	6.84	99	212366	83.19	ng	-0.03
23) Nitrobenzene-d5	7.80	82	196249	85.39	ng	-0.02
41) 2,4,6-Tribromophenol	11.09	330	58592	96.65	ng	-0.03
44) 2-Fluorobiphenyl	9.61	172	420597	95.09	ng	-0.03
78) Terphenyl-d14	13.48	244	474209	79.61	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.06	88	29190	127.91	ng	# 100
3) Pyridine	3.89	79	100423	42.66	ng	96
4) n-Nitrosodimethylamine	3.80	42	46820	44.66	ng	96
6) Aniline	6.90	93	105418	30.88	ng	91
8) 2-Chlorophenol	7.02	128	97836	46.83	ng	95
9) Benzaldehyde	6.78	77	43665	31.30	ng	95
10) Phenol	6.86	94	112331	39.78	ng	85
11) bis(2-Chloroethyl)ether	6.96	93	86958	40.71	ng	94
12) 1,3-Dichlorobenzene	7.18	146	110132	43.19	ng	98
13) 1,4-Dichlorobenzene	7.18	146	110132	43.38	ng	96
14) 1,2-Dichlorobenzene	7.41	146	106976	42.41	ng	98
15) Benzyl Alcohol	7.37	79	83328	42.40	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.50	45	140776	42.96	ng	99
17) 2-Methylphenol	7.48	107	74177	41.07	ng	# 94
18) Hexachloroethane	7.77	117	33023	41.66	ng	# 61
19) n-Nitroso-di-n-propylamine	7.63	70	64504	38.00	ng	89
20) 3+4-Methylphenols	7.63	107	102655	42.79	ng	89
22) Acetophenone	7.64	105	141236	47.78	ng	# 94
24) Nitrobenzene	7.81	77	98868	41.49	ng	93
25) Isophorone	8.05	82	188563	42.22	ng	95
26) 2-Nitrophenol	8.14	139	43215	41.53	ng	# 75
27) 2,4-Dimethylphenol	8.17	122	86014	45.03	ng	92
28) bis(2-Chloroethoxy)methane	8.26	93	117881	43.97	ng	99
29) 2,4-Dichlorophenol	8.38	162	78645	44.57	ng	89
30) 1,2,4-Trichlorobenzene	8.48	180	81461	39.58	ng	# 93
31) Naphthalene	8.56	128	285573	44.30	ng	99
32) Benzoic acid	8.24	122	30326	69.37	ng	90
33) 4-Chloroaniline	8.59	127	75806	27.72	ng	# 95
34) Hexachlorobutadiene	8.67	225	51878	40.01	ng	98
35) Caprolactam	8.93	113	24016	44.86	ng	# 77
36) 4-Chloro-3-methylphenol	9.06	107	81536	42.68	ng	89
37) 2-Methylnaphthalene	9.24	142	180311	40.85	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.41	216	85549	40.38	ng	# 98
40) Hexachlorocyclopentadiene	9.40	237	73260	87.06	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

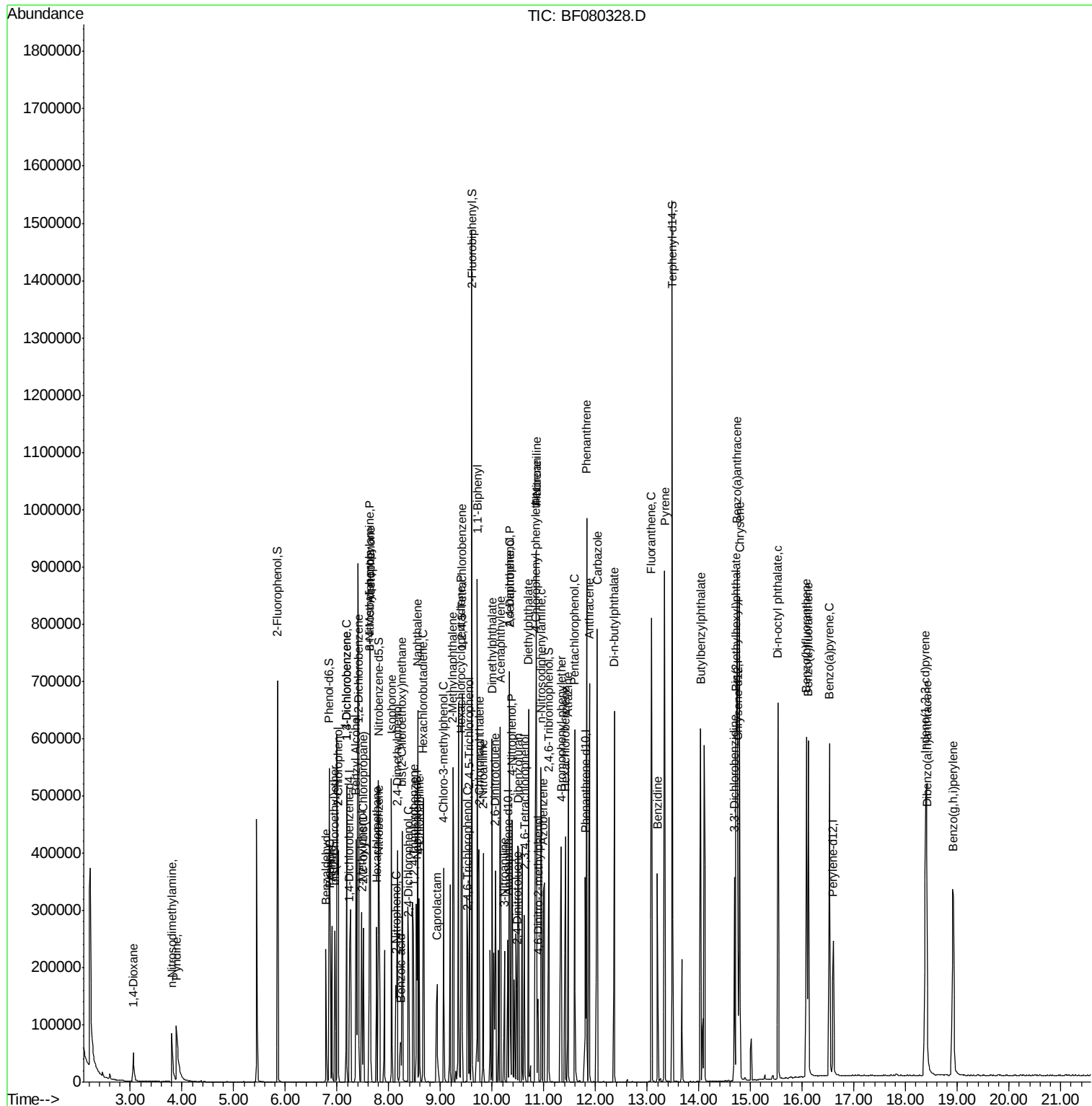
42) 2,4,6-Trichlorophenol	9.53	196	53668	40.02	ng	100
43) 2,4,5-Trichlorophenol	9.56	196	65875	45.59	ng #	93
45) 1,1'-Biphenyl	9.71	154	246006	45.44	ng	98
46) 2-Chloronaphthalene	9.74	162	173365	41.37	ng #	91
47) 2-Nitroaniline	9.82	65	57522	47.73	ng #	81
48) Acenaphthylene	10.16	152	288557	39.65	ng	99
49) Dimethylphthalate	10.00	163	218062	44.84	ng	99
50) 2,6-Dinitrotoluene	10.06	165	48060	48.34	ng #	73
51) Acenaphthene	10.34	154	188033	44.87	ng	86
52) 3-Nitroaniline	10.24	138	37756	33.11	ng	91
53) 2,4-Dinitrophenol	10.34	184	39772	90.85	ng #	44
54) Dibenzofuran	10.51	168	260602	44.07	ng	90
55) 4-Nitrophenol	10.38	139	83697	99.29	ng #	73
56) 2,4-Dinitrotoluene	10.48	165	58317	45.24	ng #	62
57) Fluorene	10.85	166	220345	44.92	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.62	232	51469	45.71	ng #	96
59) Diethylphthalate	10.70	149	227219	49.16	ng	94
60) 4-Chlorophenyl-phenylether	10.84	204	97542	43.98	ng #	79
61) 4-Nitroaniline	10.85	138	48450	41.80	ng	80
62) Azobenzene	10.99	77	196450	41.32	ng	93
64) 4,6-Dinitro-2-methylphenol	10.89	198	28554	49.70	ng #	47
65) n-Nitrosodiphenylamine	10.94	169	173229	39.90	ng	98
66) 4-Bromophenyl-phenylether	11.33	248	63694	44.61	ng #	92
67) Hexachlorobenzene	11.41	284	68139	44.52	ng #	92
68) Atrazine	11.47	200	59867	45.61	ng	97
69) Pentachlorophenol	11.60	266	67912	81.63	ng	98
70) Phenanthrene	11.83	178	343594	43.40	ng	100
71) Anthracene	11.88	178	330144	43.47	ng	99
72) Carbazole	12.03	167	311055	43.80	ng	98
73) Di-n-butylphthalate	12.36	149	336432	44.15	ng	99
74) Fluoranthene	13.08	202	359323	43.94	ng	98
76) Benzidine	13.20	184	152122	37.23	ng	99
77) Pyrene	13.33	202	369392	41.36	ng	99
79) Butylbenzylphthalate	14.03	149	146421	42.76	ng	93
80) Benzo(a)anthracene	14.74	228	359167	42.60	ng	97
81) 3,3'-Dichlorobenzidine	14.68	252	86147	31.30	ng	98
82) Chrysene	14.79	228	339717	43.70	ng	98
83) Bis(2-ethylhexyl)phthalate	14.72	149	210291	43.63	ng #	95
84) Di-n-octyl phthalate	15.53	149	347312	42.76	ng	99
85) Indeno(1,2,3-cd)pyrene	18.39	276	392450	44.91	ng	98
87) Benzo(b)fluoranthene	16.08	252	361909	42.75	ng	100
88) Benzo(k)fluoranthene	16.11	252	339385	42.57	ng	99
89) Benzo(a)pyrene	16.52	252	343065	44.47	ng	100
90) Dibenzo(a,h)anthracene	18.41	278	331549	45.81	ng #	95
91) Benzo(g,h,i)perylene	18.92	276	333202	44.12	ng	97

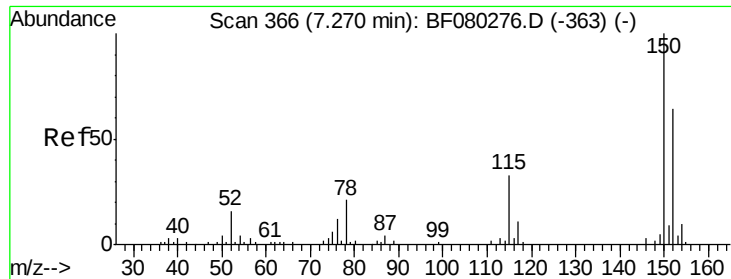
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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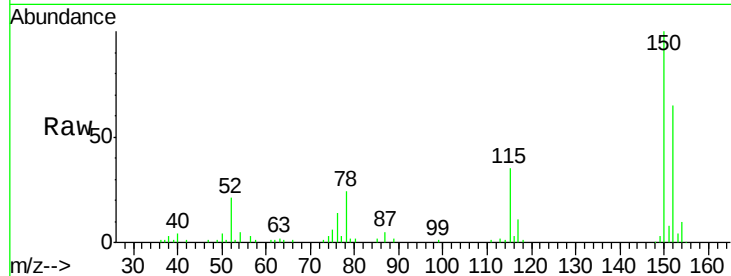




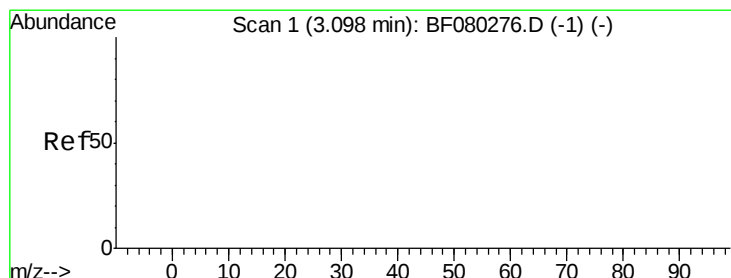
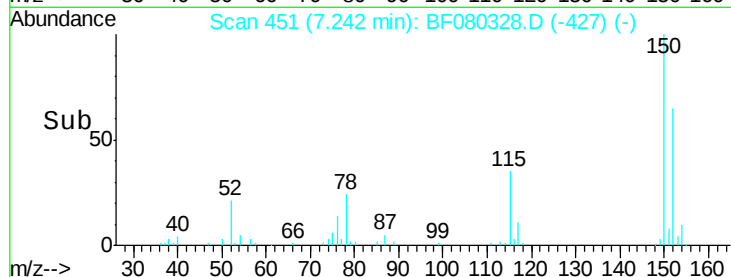
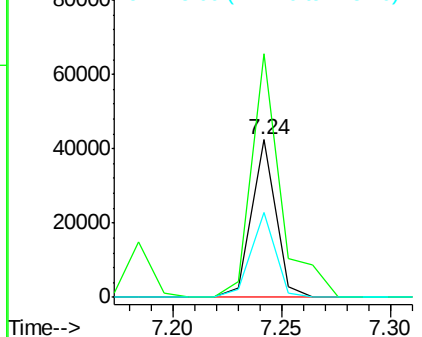
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.24 min Scan# 451
 Delta R.T. -0.03 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

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

Tgt Ion:152 Resp: 32932
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.7 187.1
 115 54.1 41.0 61.6

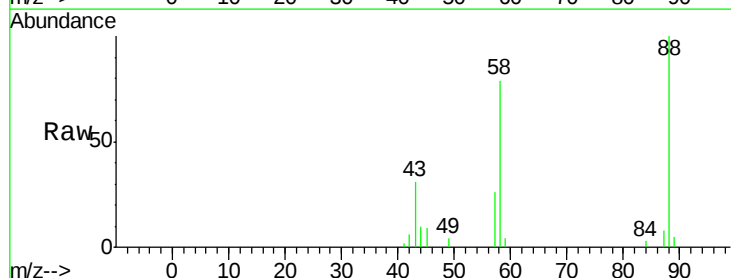


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

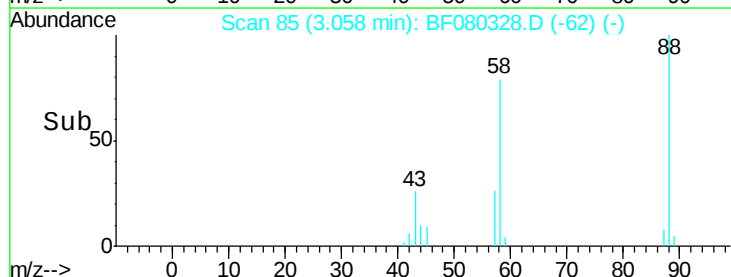
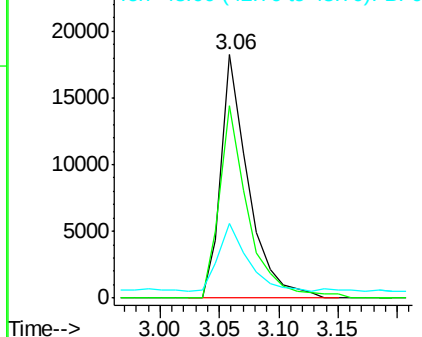


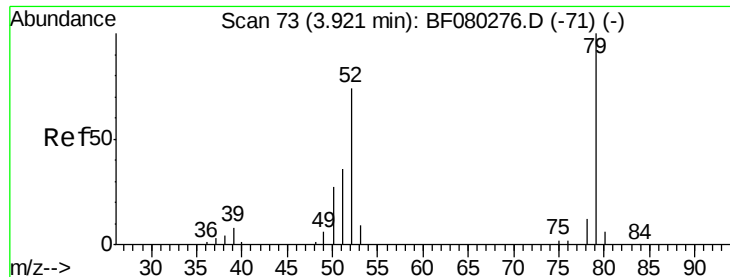
#2
 1,4-Dioxane
 Concen: 127.91 ng
 RT: 3.06 min Scan# 85
 Delta R.T. -0.04 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

Tgt Ion: 88 Resp: 29190
 Ion Ratio Lower Upper
 88 100
 58 82.8 0.0 0.0#
 43 29.5 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: 42.66 ng

RT: 3.89 min Scan# 158

Delta R.T. -0.03 min

Lab File: BF080328.D

Acq: 3 Jul 2015 7:04

Instrument :

BNA_F

ClientSampleId :

IDOC-04-S-UM

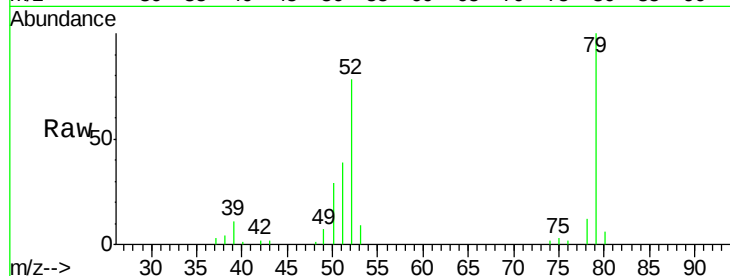
Tgt Ion: 79 Resp: 100423

Ion Ratio Lower Upper

79 100

52 77.5 59.3 88.9

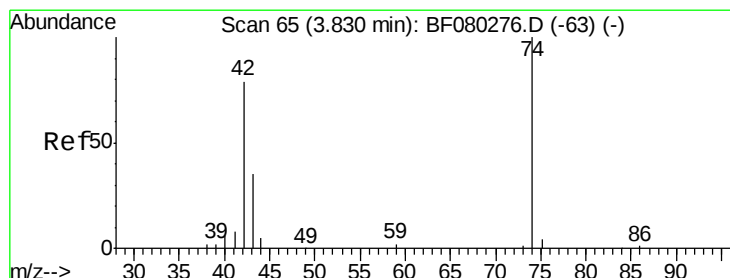
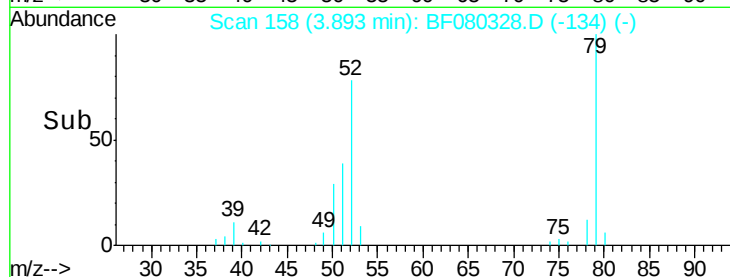
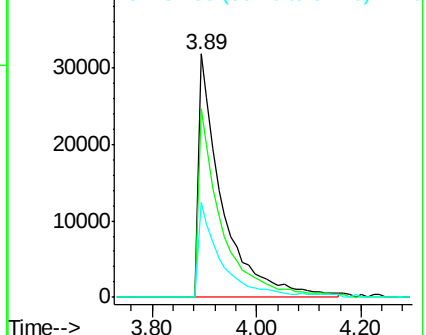
51 39.1 29.0 43.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 44.66 ng

RT: 3.80 min Scan# 150

Delta R.T. -0.03 min

Lab File: BF080328.D

Acq: 3 Jul 2015 7:04

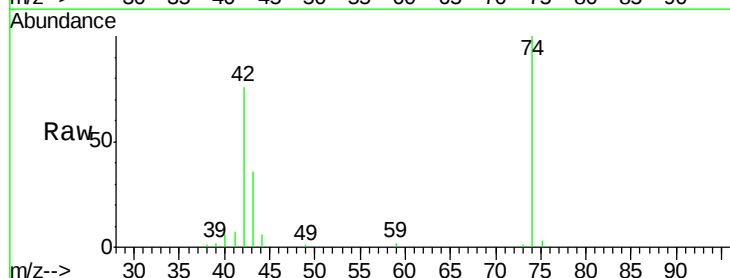
Tgt Ion: 42 Resp: 46820

Ion Ratio Lower Upper

42 100

74 131.6 101.4 152.2

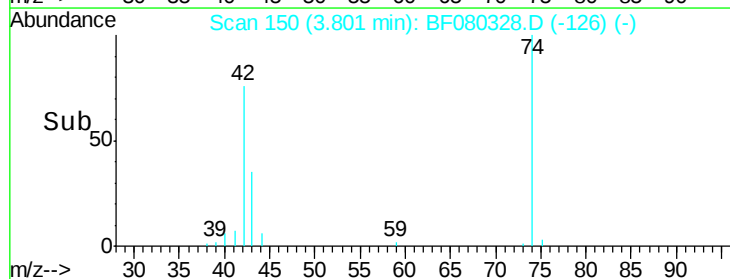
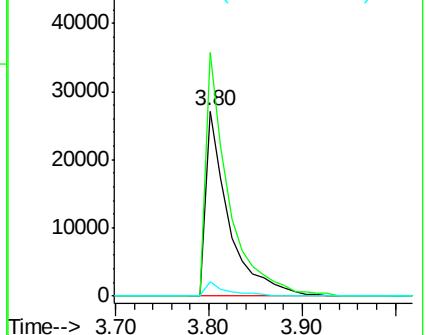
44 7.6 6.3 9.5

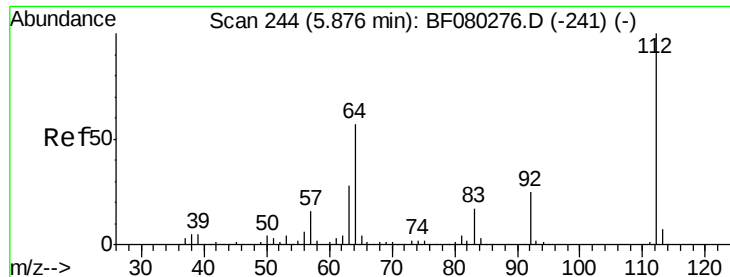


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 89.20 ng

RT: 5.85 min Scan# 329

Delta R.T. -0.03 min

Lab File: BF080328.D

Acq: 3 Jul 2015 7:04

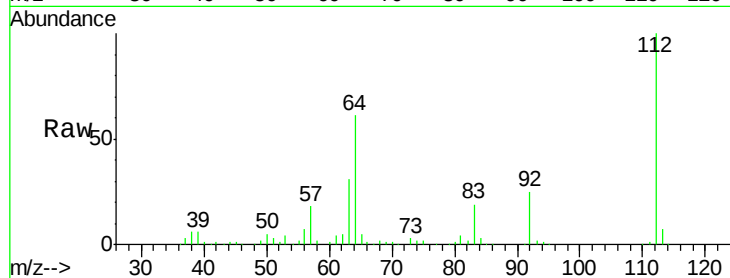
Instrument :

BNA_F

ClientSampleId :

IDOC-04-S-UM

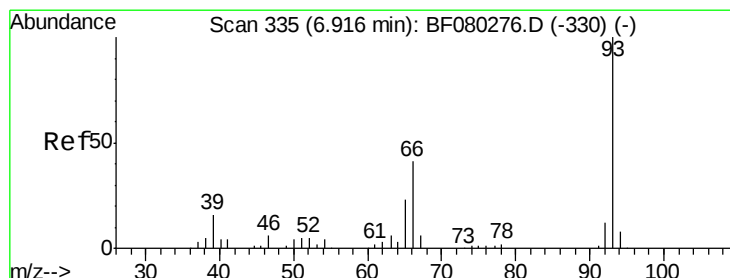
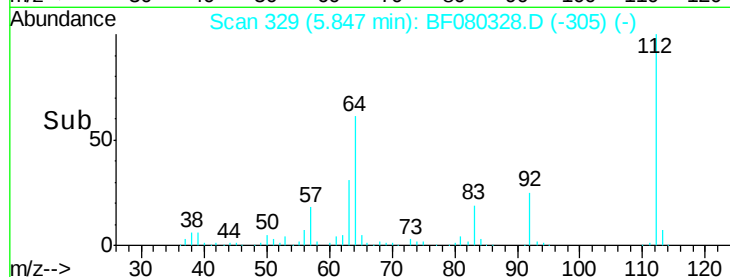
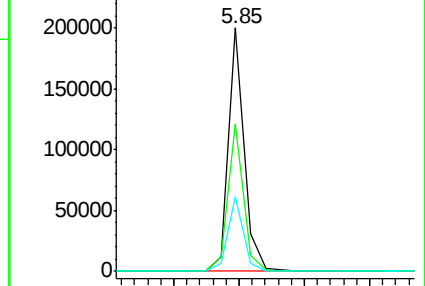
Tgt Ion:	112	Resp:	169635
Ion	Ratio	Lower	Upper
112	100		
64	60.9	45.5	68.3
63	30.8	22.4	33.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 30.88 ng

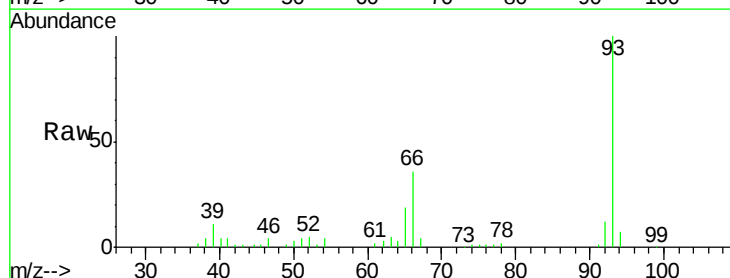
RT: 6.90 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF080328.D

Acq: 3 Jul 2015 7:04

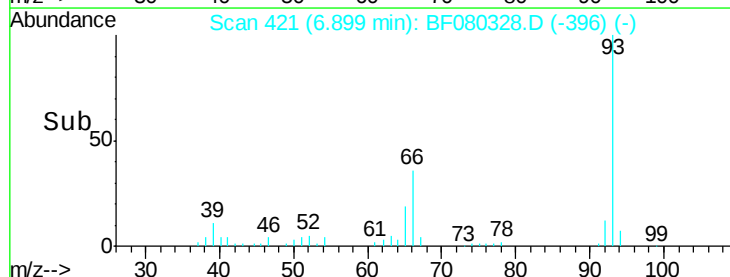
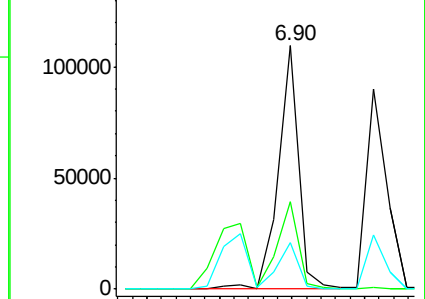
Tgt Ion:	93	Resp:	105418
Ion	Ratio	Lower	Upper
93	100		
66	35.7	33.7	50.5
65	19.1	18.3	27.5

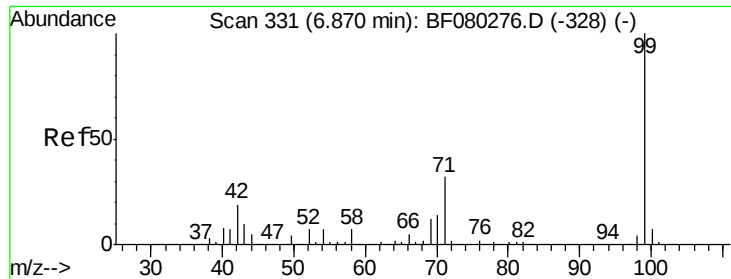


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 83.19 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.03 min

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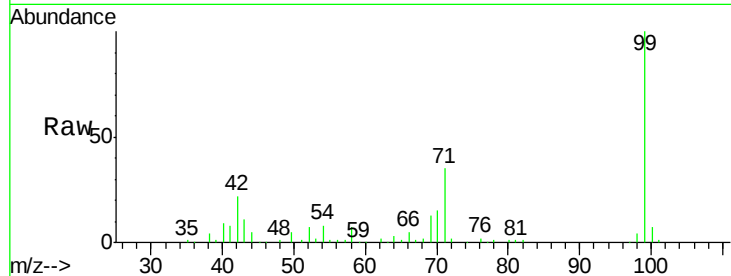
Tgt Ion: 99 Resp: 212366

Ion Ratio Lower Upper

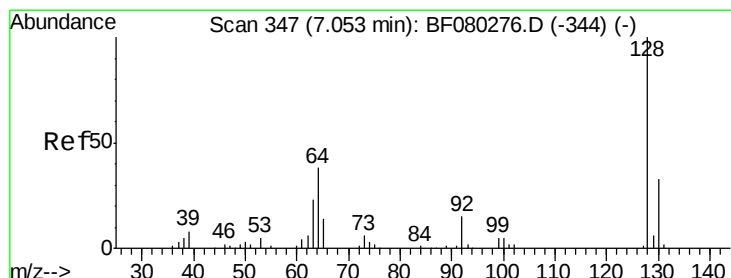
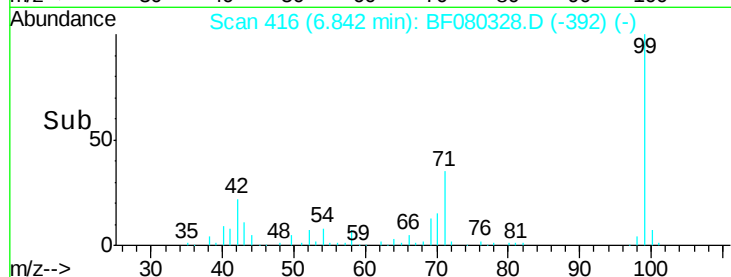
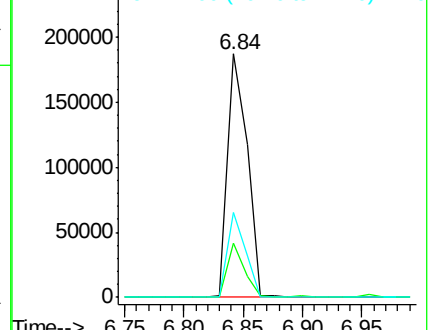
99 100

42 22.4 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: 46.83 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.03 min

Lab File: BF080328.D

Acq: 3 Jul 2015 7:04

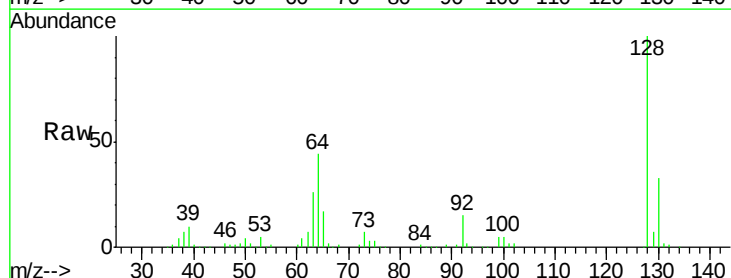
Tgt Ion: 128 Resp: 97836

Ion Ratio Lower Upper

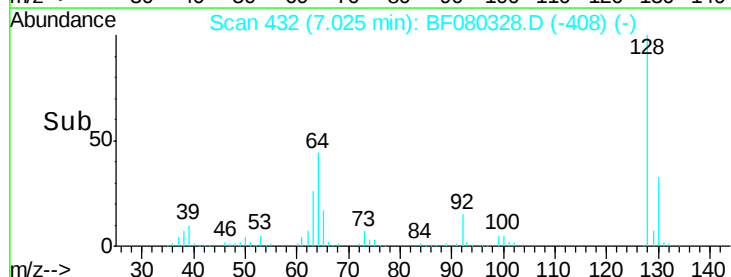
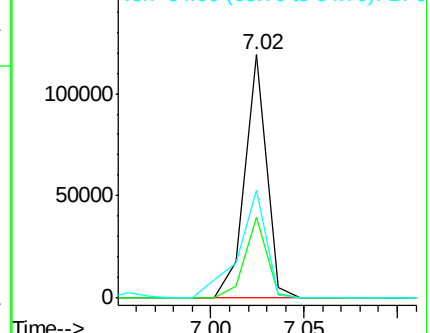
128 100

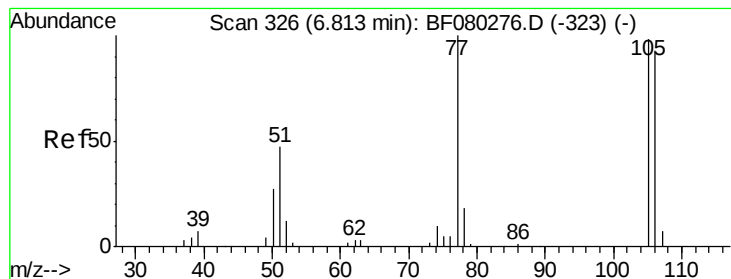
130 33.1 13.4 53.4

64 44.1 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: 31.30 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.03 min

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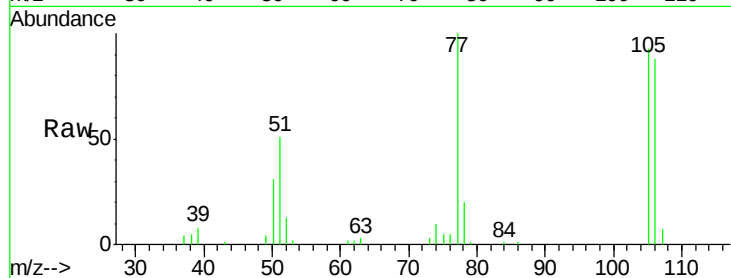
Tgt Ion: 77 Resp: 43665

Ion Ratio Lower Upper

77 100

105 92.7 78.2 118.2

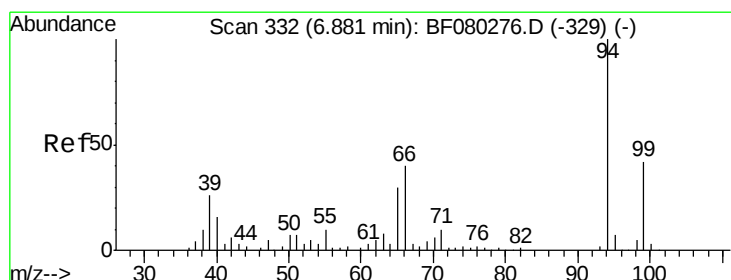
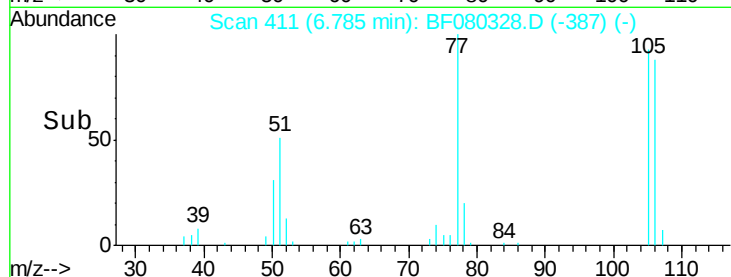
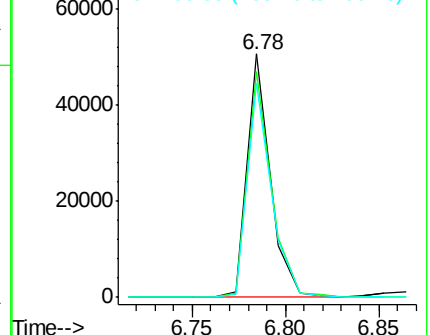
106 88.2 72.5 112.5



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: 39.78 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF080328.D

Acq: 3 Jul 2015 7:04

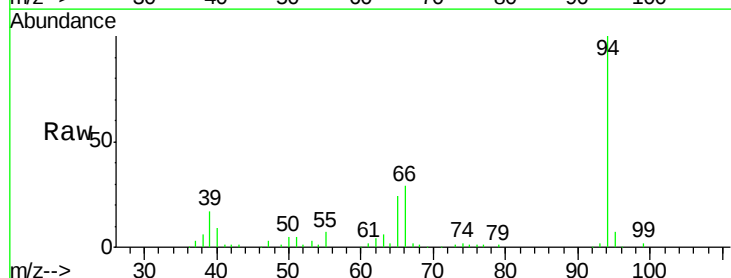
Tgt Ion: 94 Resp: 112331

Ion Ratio Lower Upper

94 100

65 24.0 9.6 49.6

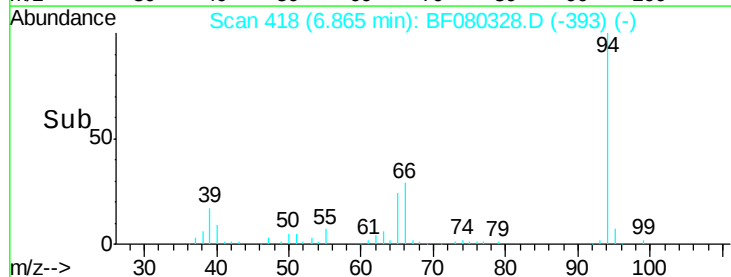
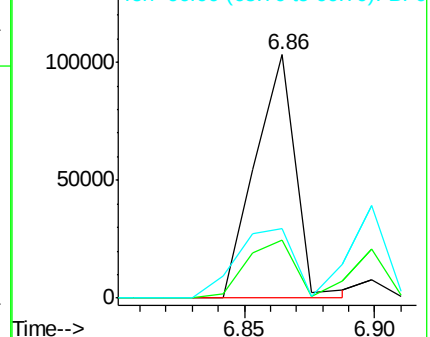
66 28.7 19.7 59.7

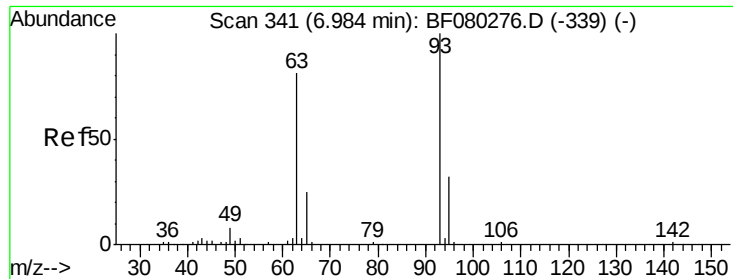


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.71 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.03 min

Lab File: BF080328.D

Acq: 3 Jul 2015 7:04

Instrument :

BNA_F

ClientSampleId :

IDOC-04-S-UM

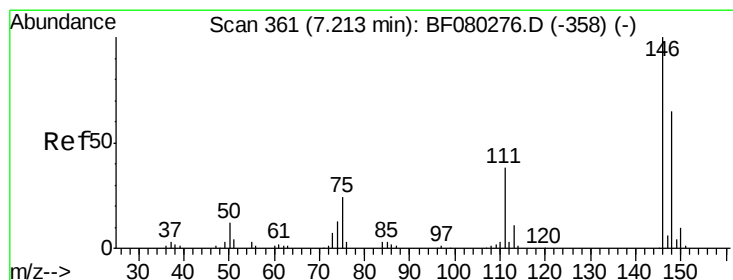
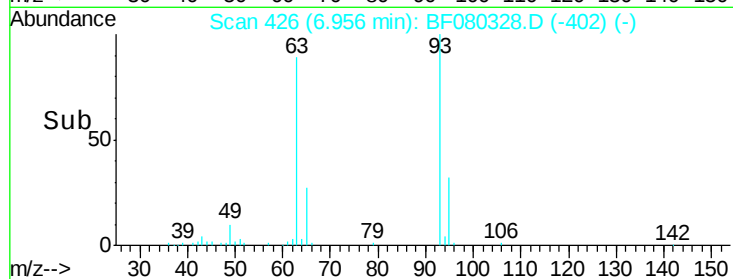
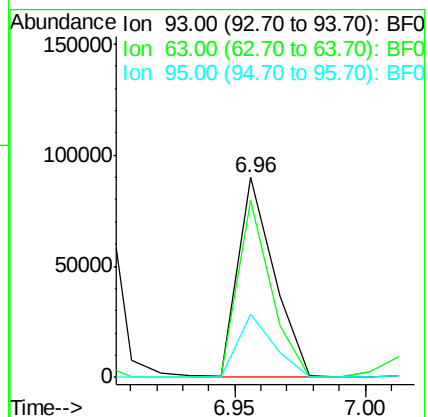
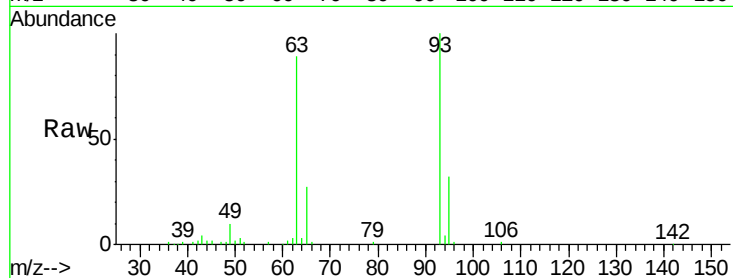
Tgt Ion: 93 Resp: 86958

Ion Ratio Lower Upper

93 100

63 88.5 61.0 101.0

95 31.5 12.0 52.0



#12

1,3-Dichlorobenzene

Concen: 43.19 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.03 min

Lab File: BF080328.D

Acq: 3 Jul 2015 7:04

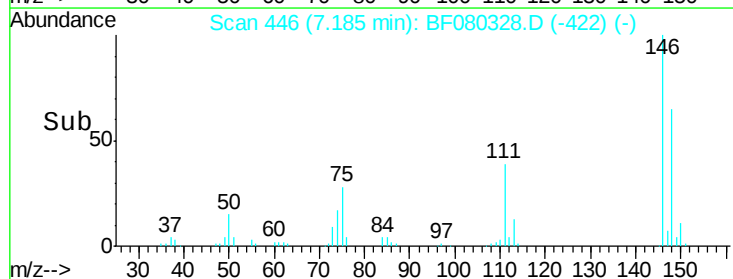
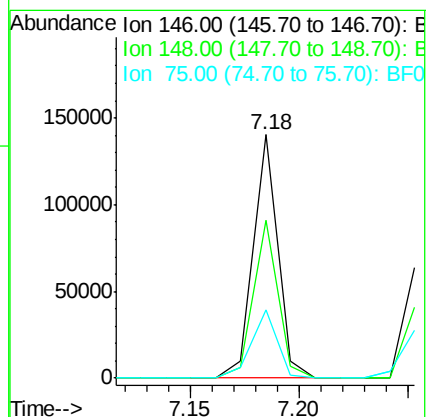
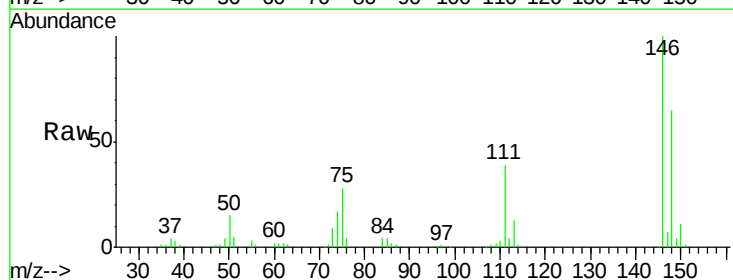
Tgt Ion: 146 Resp: 110132

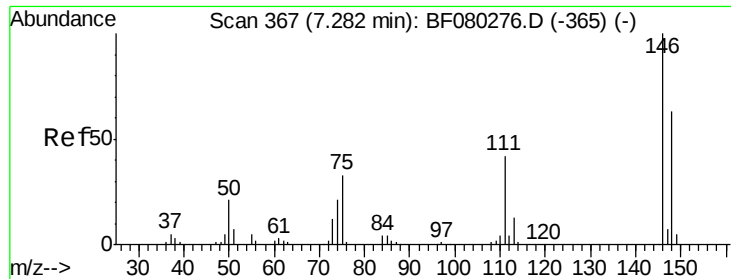
Ion Ratio Lower Upper

146 100

148 64.7 51.8 77.6

75 28.3 19.4 29.2

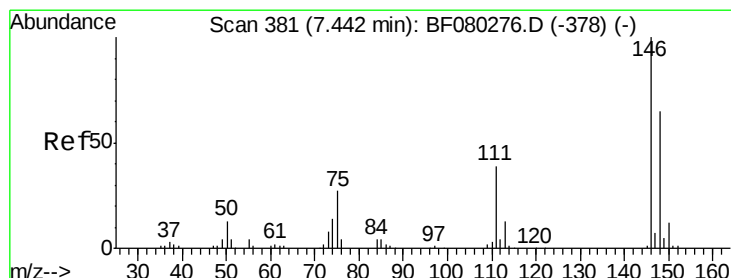
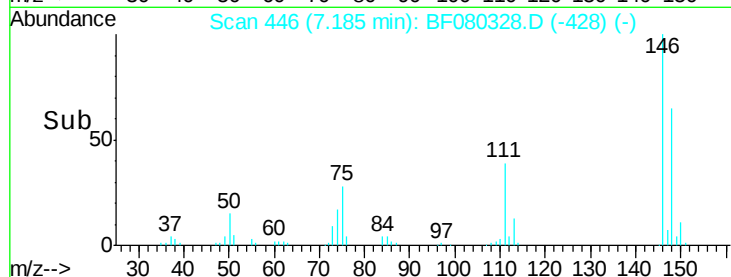
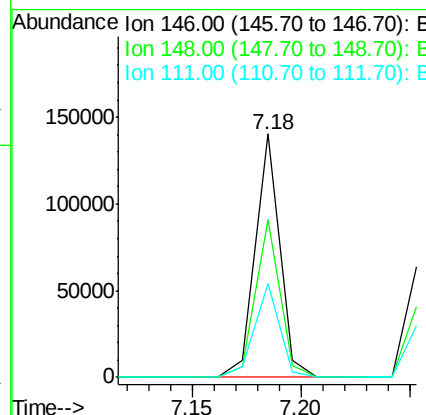
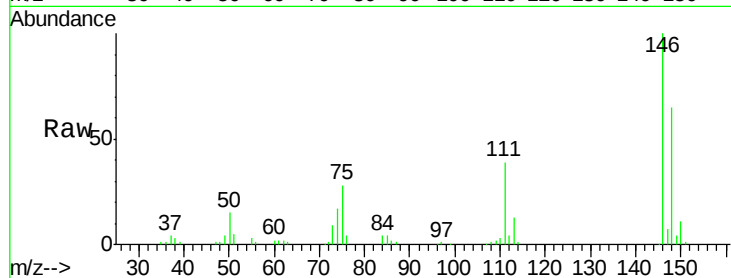




#13
 1,4-Dichlorobenzene
 Concen: 43.38 ng
 RT: 7.18 min Scan# 446
 Delta R.T. -0.10 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

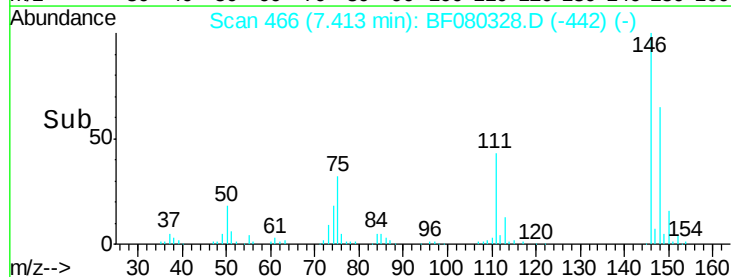
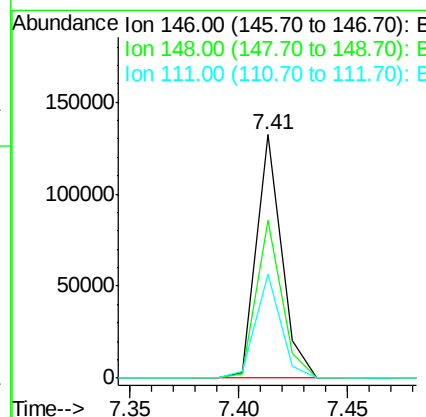
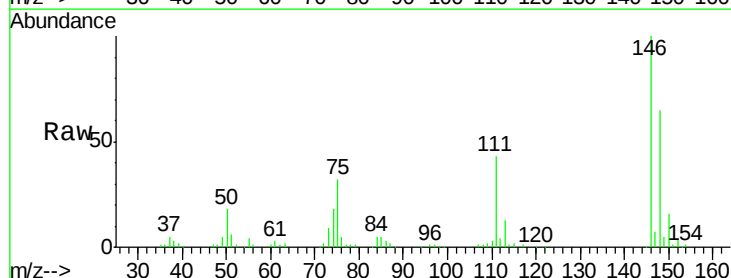
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04-S-UM

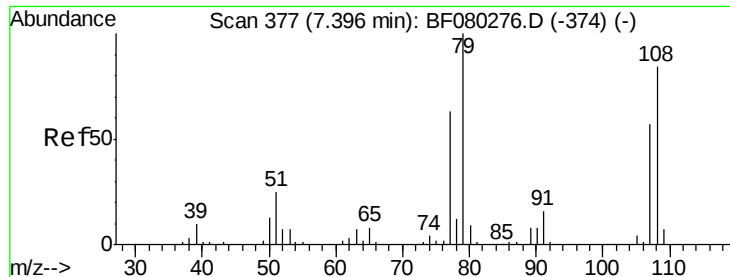
Tgt Ion:146 Resp: 110132
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.2 75.2
 111 38.7 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 42.41 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.03 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

Tgt Ion:146 Resp: 106976
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.2 78.4
 111 42.6 31.6 47.4





#15

Benzyl Alcohol

Concen: 42.40 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.03 min

Lab File: BF080328.D

Acq: 3 Jul 2015 7:04

Instrument :

BNA_F

ClientSampleId :

IDOC-04-S-UM

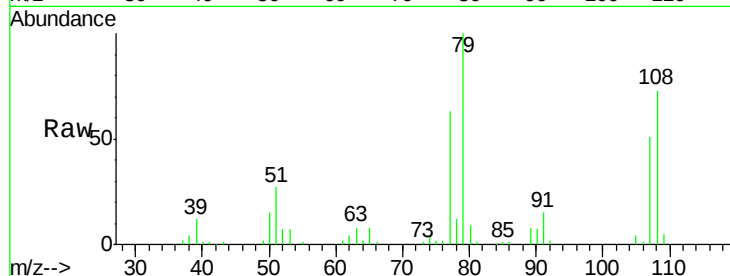
Tgt Ion: 79 Resp: 83328

Ion Ratio Lower Upper

79 100

108 73.3 67.1 100.7

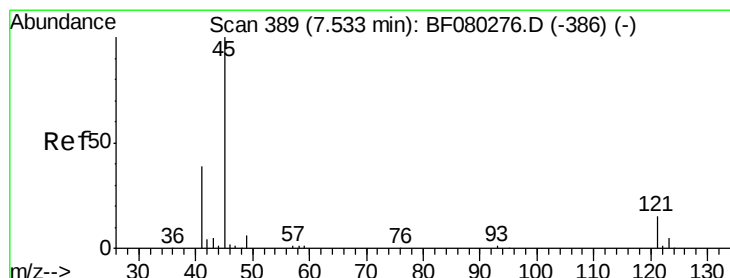
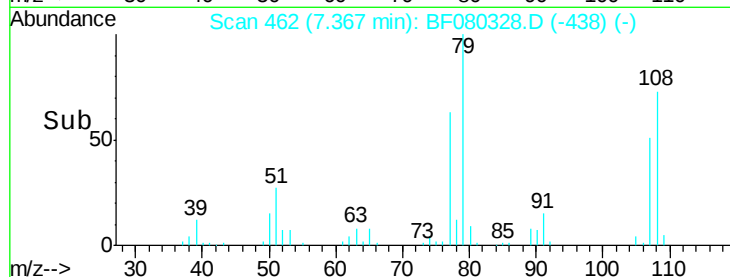
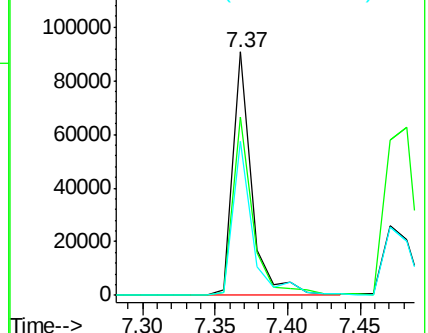
77 63.2 50.7 76.1



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: 42.96 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.03 min

Lab File: BF080328.D

Acq: 3 Jul 2015 7:04

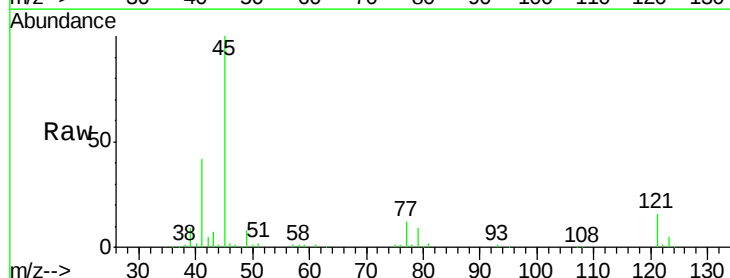
Tgt Ion: 45 Resp: 140776

Ion Ratio Lower Upper

45 100

77 12.3 0.0 32.0

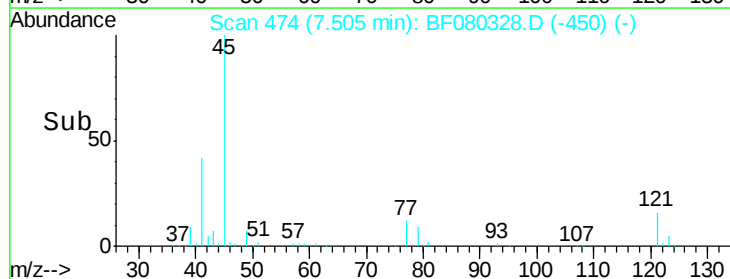
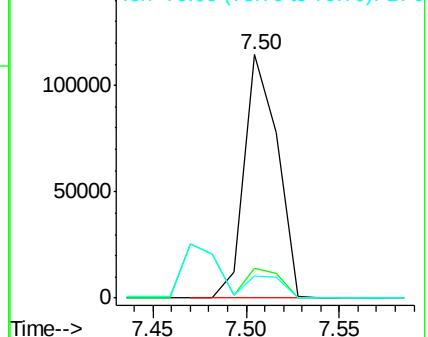
79 9.1 0.0 29.3

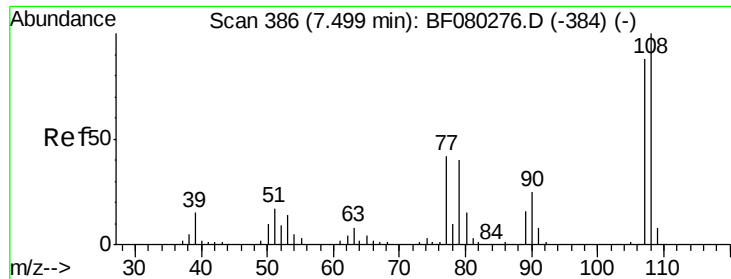


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

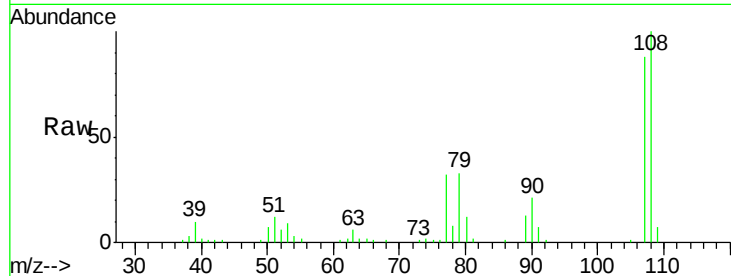




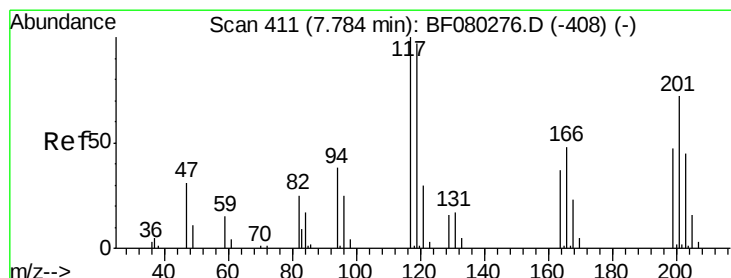
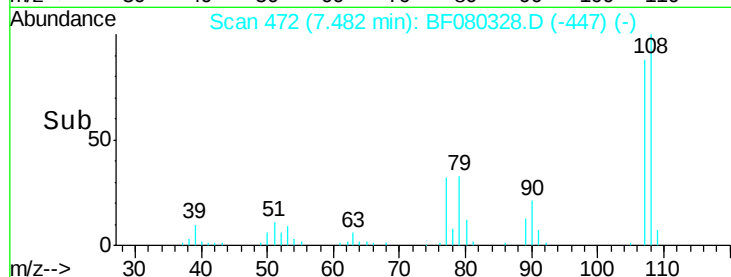
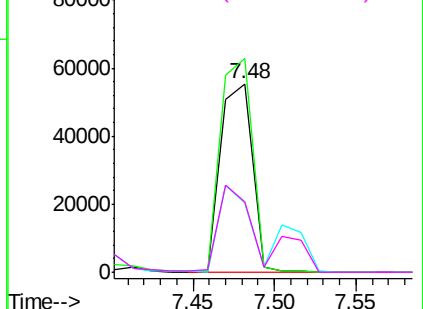
#17
2-Methylphenol
Concen: 41.07 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

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

Tgt Ion:107 Resp: 74177
Ion Ratio Lower Upper
107 100
108 113.5 90.6 136.0
77 36.9 38.0 57.0#
79 37.7 36.4 54.6

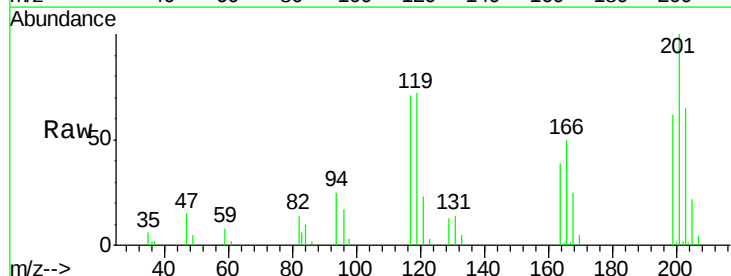


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

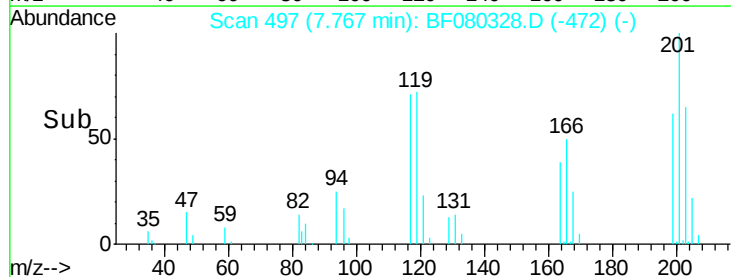
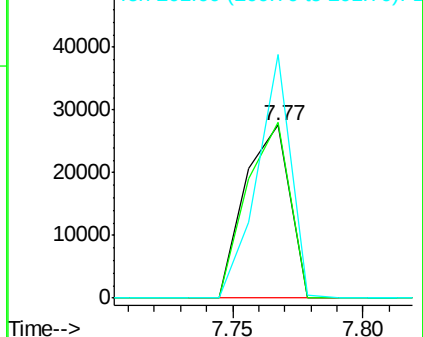


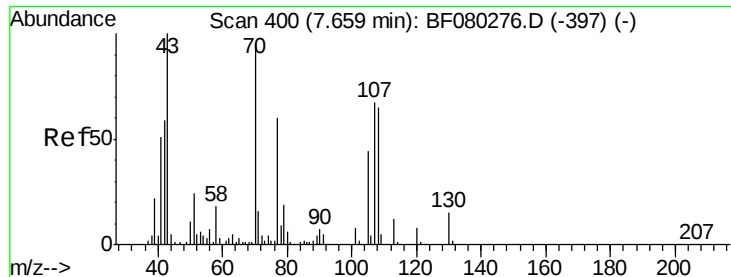
#18
Hexachloroethane
Concen: 41.66 ng
RT: 7.77 min Scan# 497
Delta R.T. -0.02 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

Tgt Ion:117 Resp: 33023
Ion Ratio Lower Upper
117 100
119 102.0 77.3 115.9
201 141.0 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

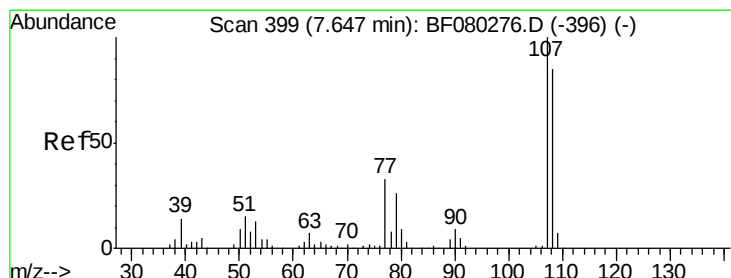
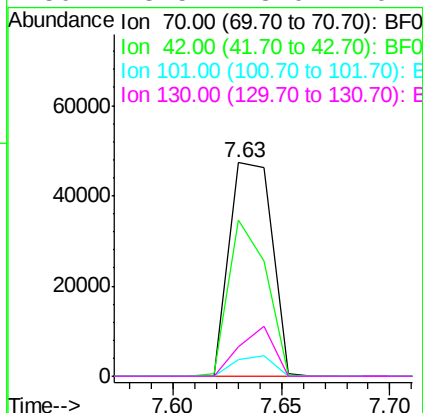
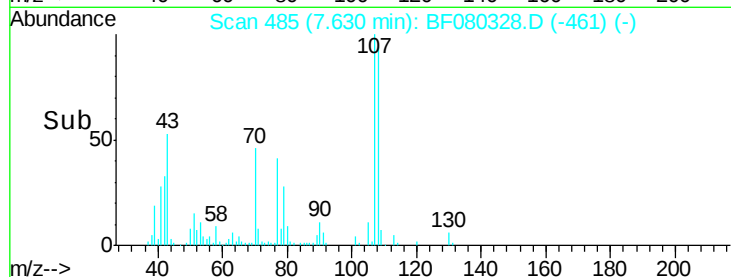
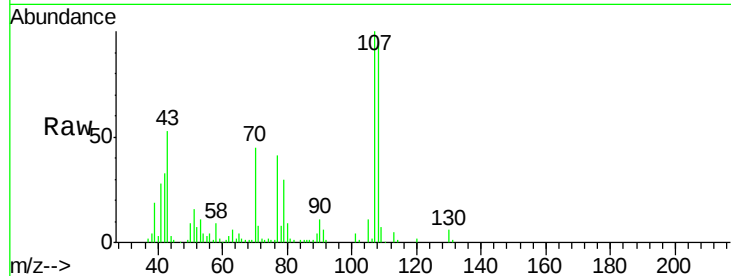




#19
n-Nitroso-di-n-propylamine
Concen: 38.00 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.03 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

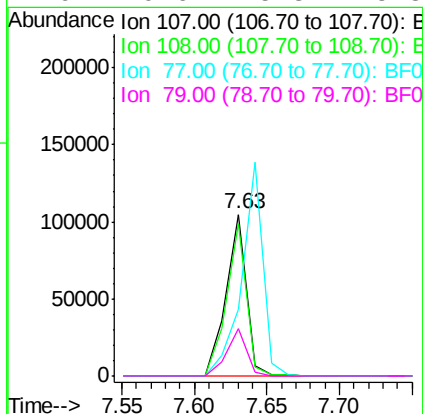
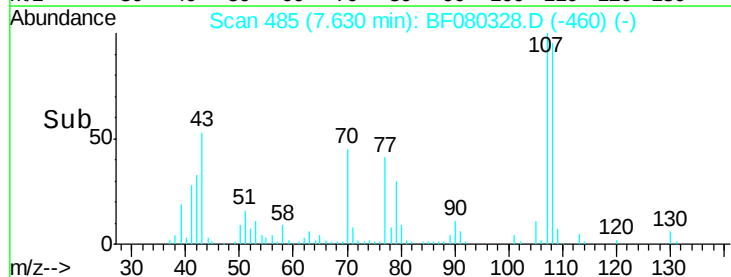
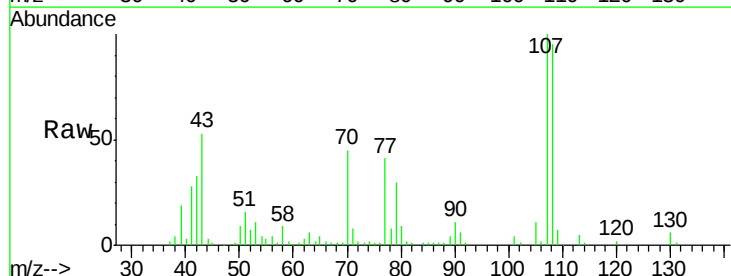
Instrument :
BNA_F
ClientSampleId :
IDOC-04-S-UM

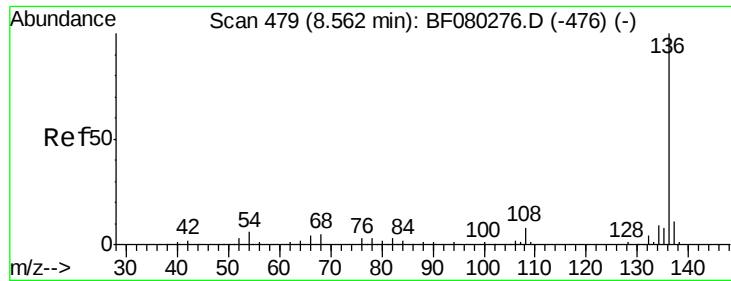
Tgt Ion:	70	Resp:	64504
Ion	Ratio	Lower	Upper
70	100		
42	73.0	49.8	74.8
101	8.0	6.8	10.2
130	13.5	13.0	19.4



#20
3+4-Methylphenols
Concen: 42.79 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.02 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

Tgt Ion:	107	Resp:	102655
Ion	Ratio	Lower	Upper
107	100		
108	94.8	64.9	104.9
77	41.4	12.9	52.9
79	29.6	5.8	45.8

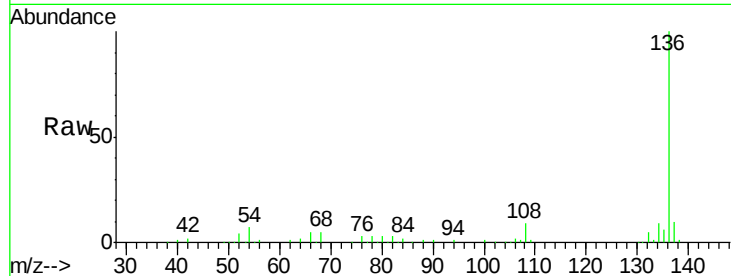




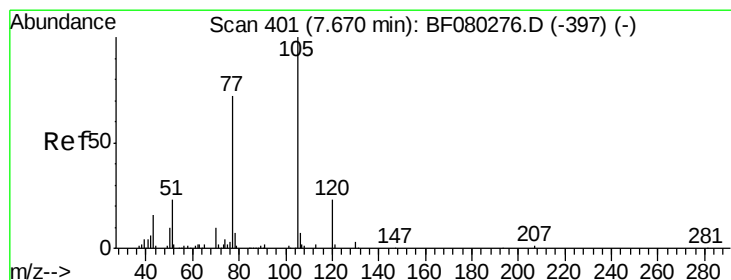
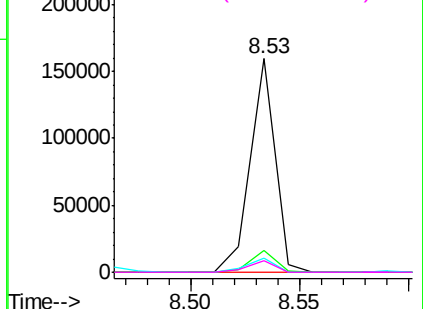
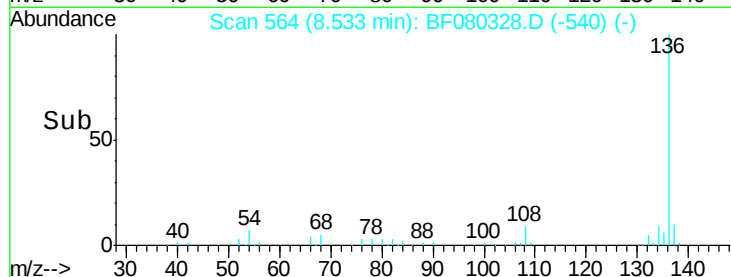
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.53 min Scan# 564
Delta R.T. -0.03 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

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

Tgt Ion:	136	Resp:	126533
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.4	12.6
54	6.9	4.9	7.3
68	5.4	4.0	6.0

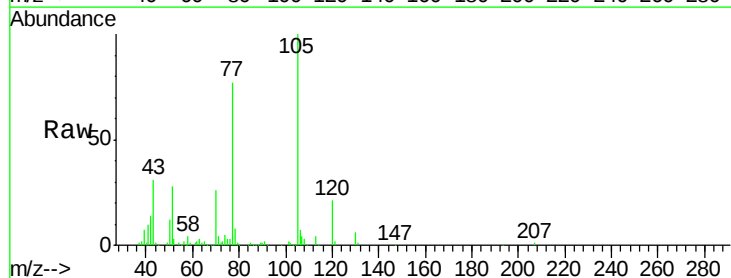


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

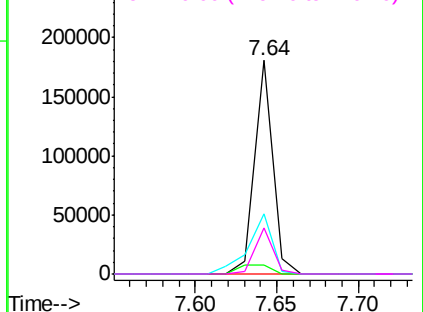
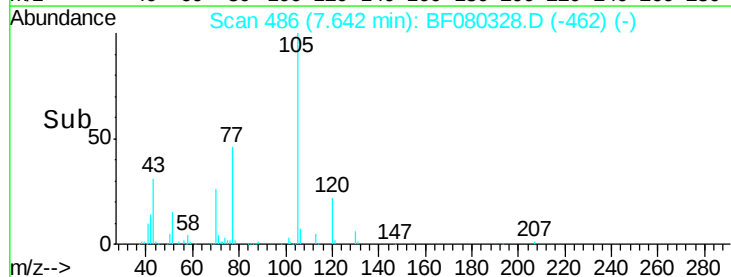


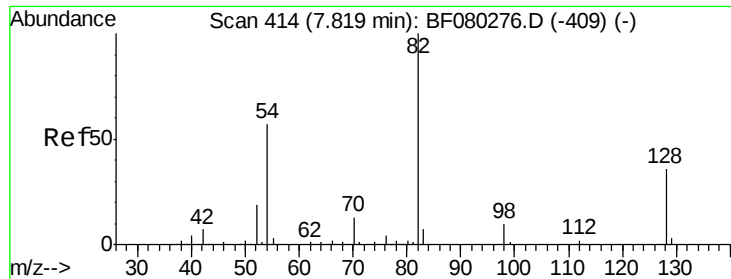
#22
Acetophenone
Concen: 47.78 ng
RT: 7.64 min Scan# 486
Delta R.T. -0.03 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

Tgt Ion:	105	Resp:	141236
Ion Ratio	Lower	Upper	
105	100		
71	4.1	1.4	2.0#
51	28.1	18.5	27.7#
120	21.4	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

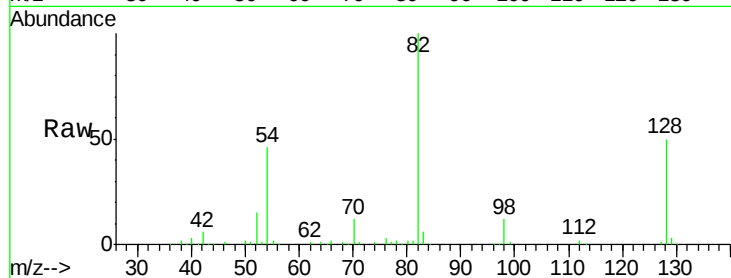




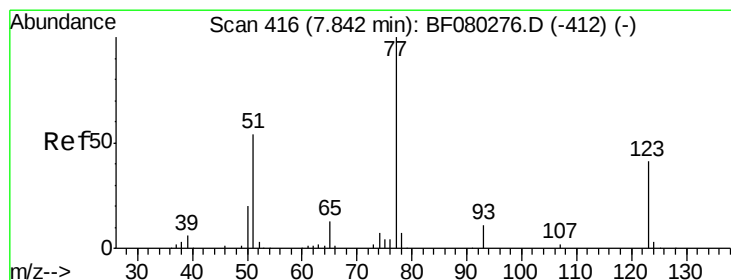
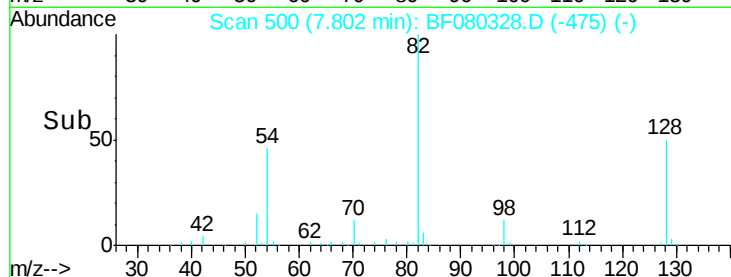
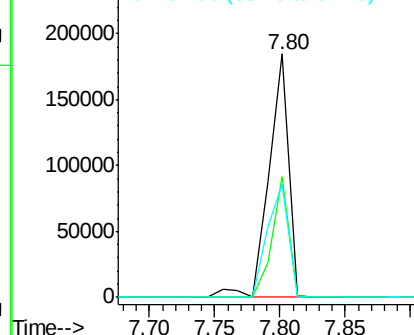
#23
 Nitrobenzene-d5
 Concen: 85.39 ng
 RT: 7.80 min Scan# 500
 Delta R.T. -0.02 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

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

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.6	29.0	43.4#
54	46.3	45.3	67.9

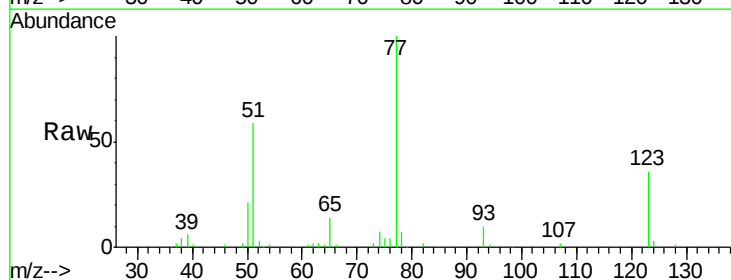


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

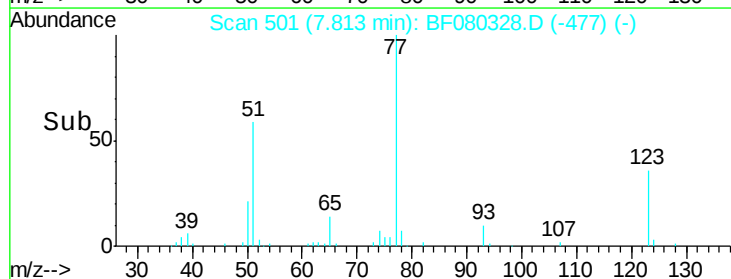
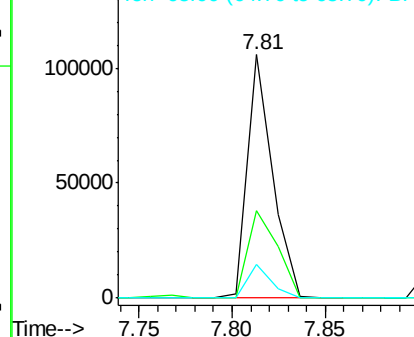


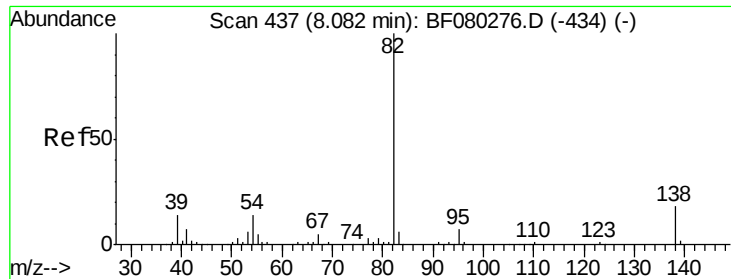
#24
 Nitrobenzene
 Concen: 41.49 ng
 RT: 7.81 min Scan# 501
 Delta R.T. -0.03 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.9	33.0	49.6
65	14.0	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: 42.22 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.03 min

Lab File: BF080328.D

Acq: 3 Jul 2015 7:04

Instrument :

BNA_F

ClientSampleId :

IDOC-04-S-UM

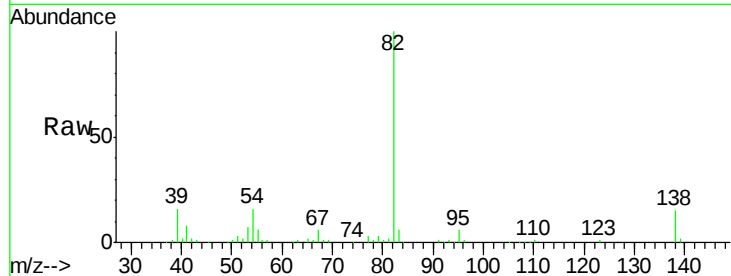
Tgt Ion: 82 Resp: 188563

Ion Ratio Lower Upper

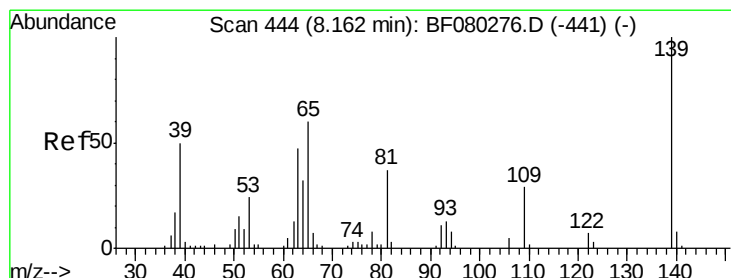
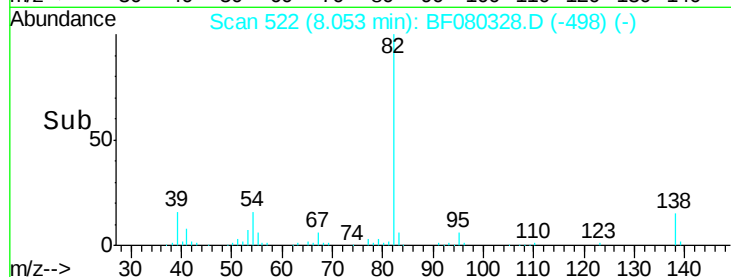
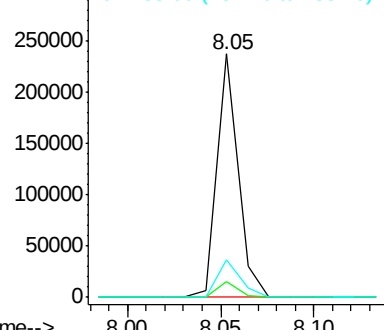
82 100

95 6.5 5.3 7.9

138 15.3 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: 41.53 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF080328.D

Acq: 3 Jul 2015 7:04

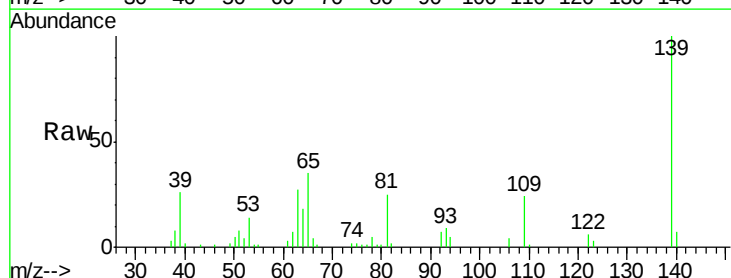
Tgt Ion: 139 Resp: 43215

Ion Ratio Lower Upper

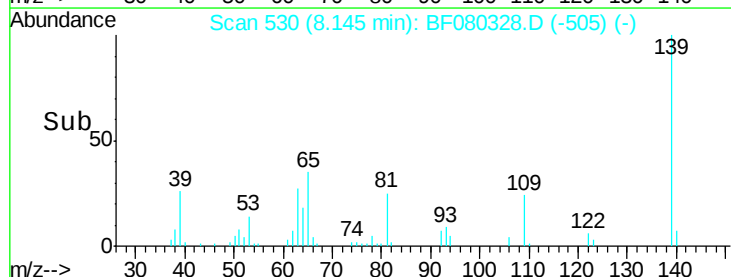
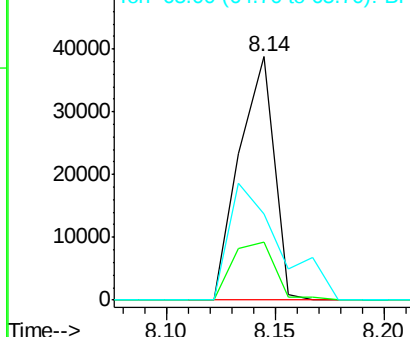
139 100

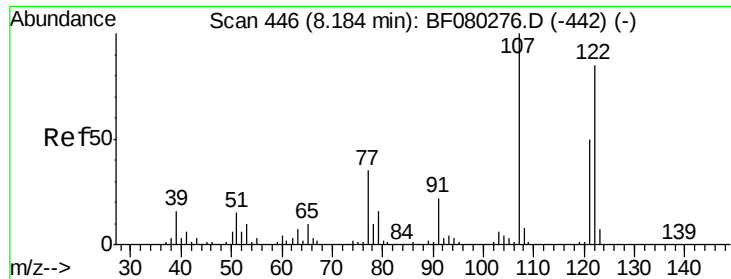
109 23.9 23.1 34.7

65 35.1 47.6 71.4#



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

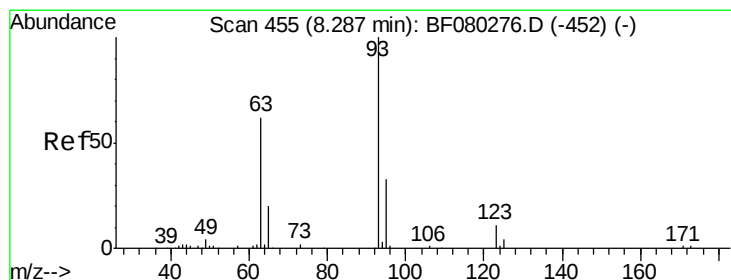
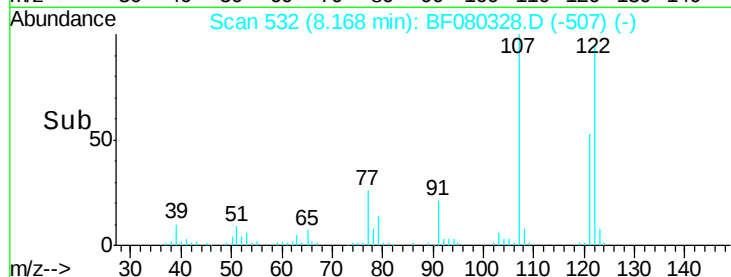
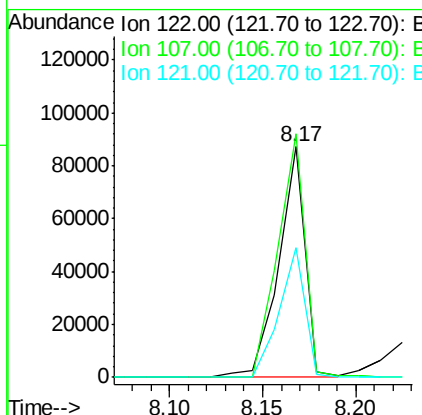
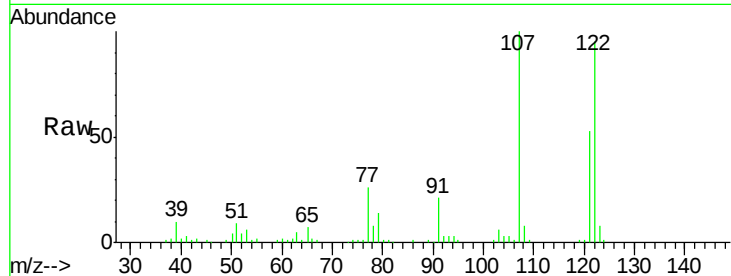




#27
 2,4-Dimethylphenol
 Concen: 45.03 ng
 RT: 8.17 min Scan# 532
 Delta R.T. -0.02 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

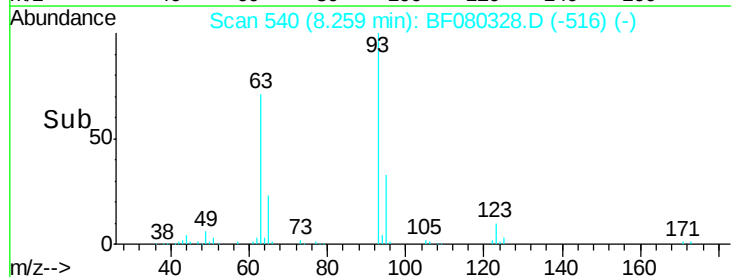
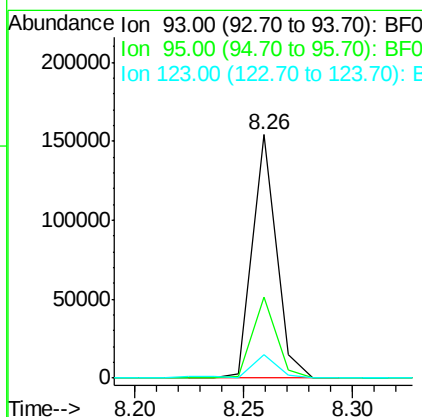
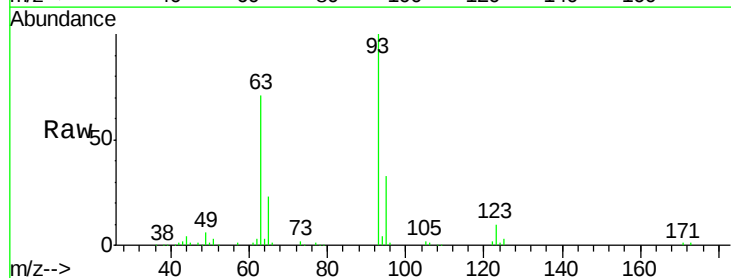
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04-S-UM

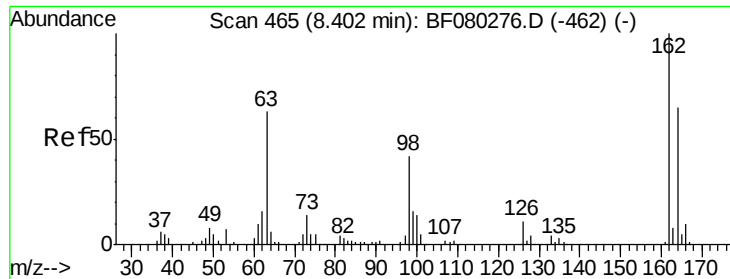
Tgt Ion: 122 Resp: 86014
 Ion Ratio Lower Upper
 122 100
 107 105.6 93.7 140.5
 121 56.2 46.9 70.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.97 ng
 RT: 8.26 min Scan# 540
 Delta R.T. -0.03 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

Tgt Ion: 93 Resp: 117881
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.6 39.8
 123 9.6 9.2 13.8

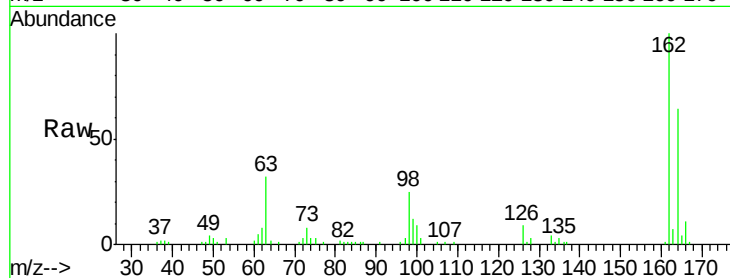




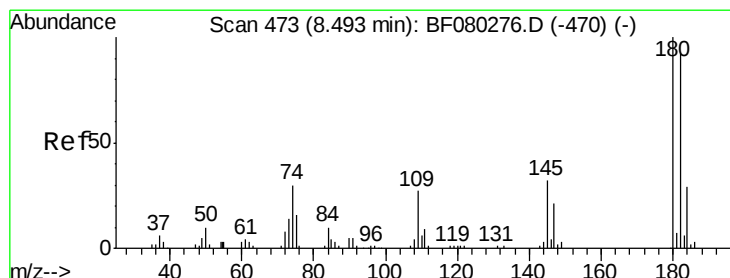
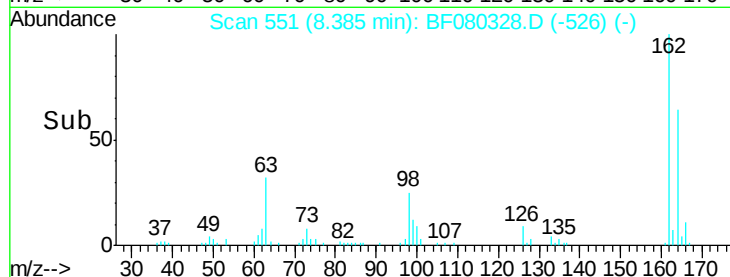
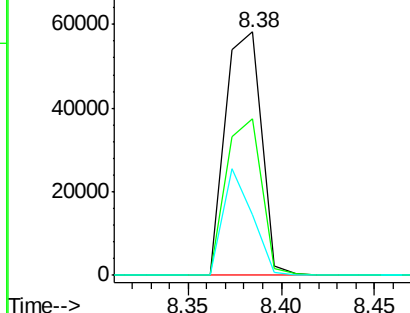
#29
 2,4-Dichlorophenol
 Concen: 44.57 ng
 RT: 8.38 min Scan# 551
 Delta R.T. -0.02 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

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

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.6	84.6
98	24.8	21.7	61.7

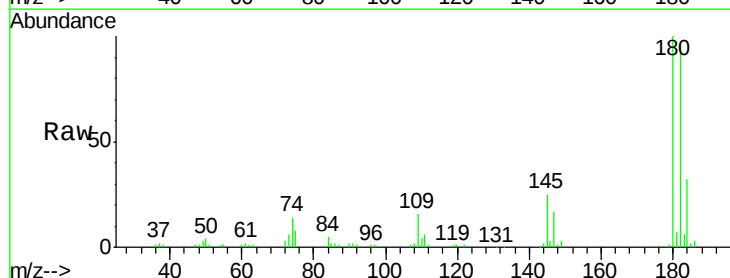


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

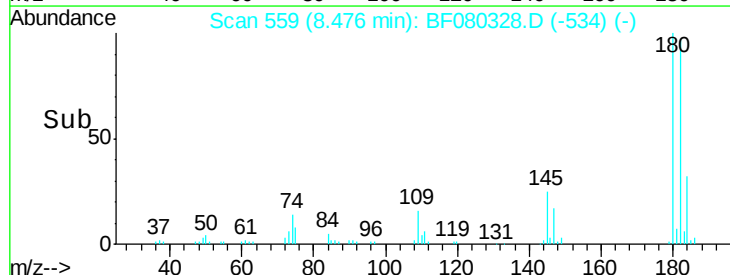
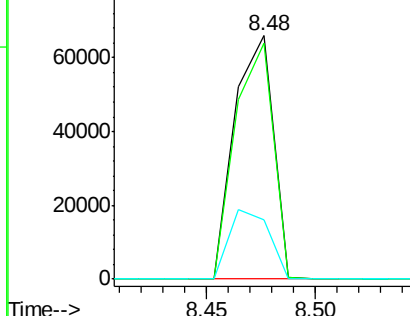


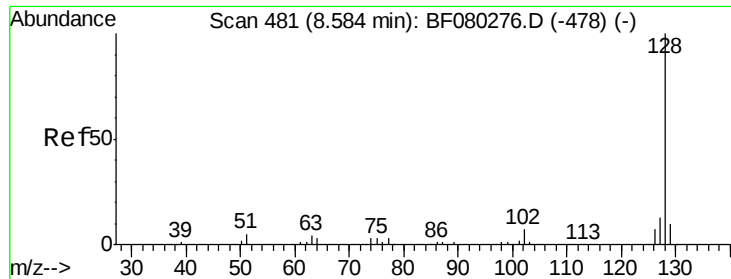
#30
 1,2,4-Trichlorobenzene
 Concen: 39.58 ng
 RT: 8.48 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	73.8	110.6
145	24.5	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

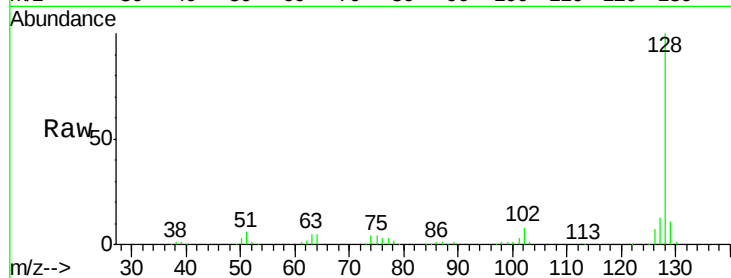




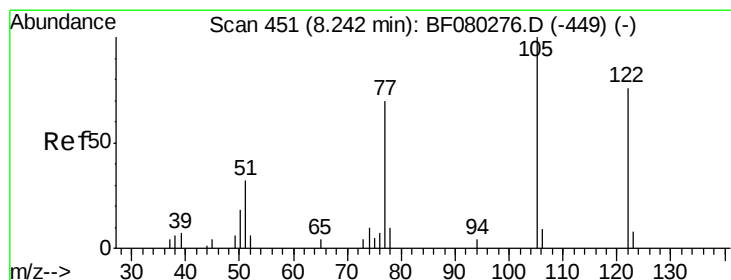
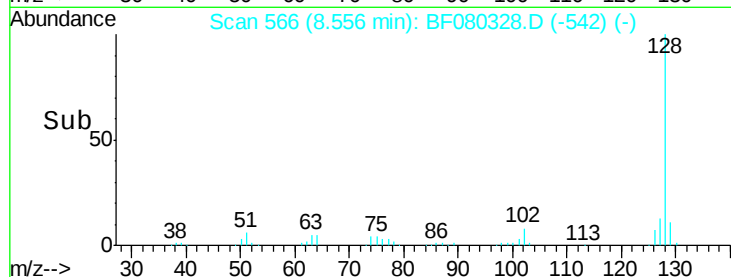
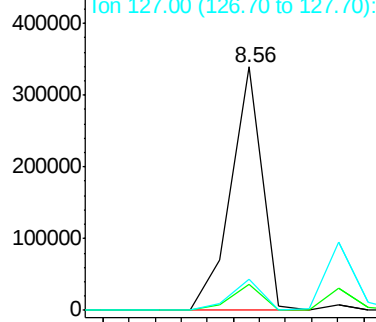
#31
Naphthalene
Concen: 44.30 ng
RT: 8.56 min Scan# 566
Delta R.T. -0.03 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

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

Tgt Ion:128 Resp: 285573
Ion Ratio Lower Upper
128 100
129 10.9 8.2 12.4
127 12.6 10.4 15.6

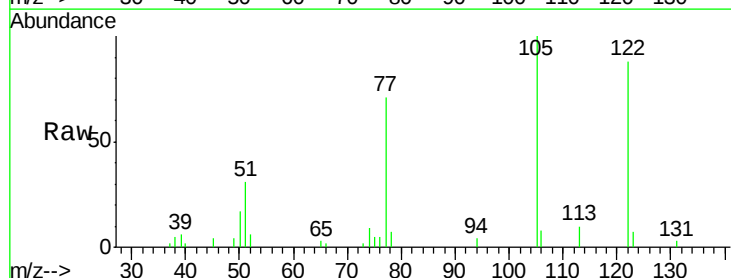


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

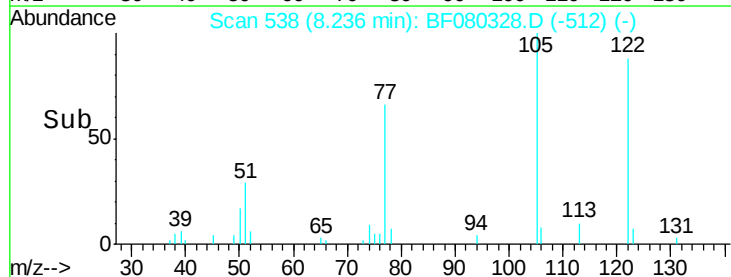
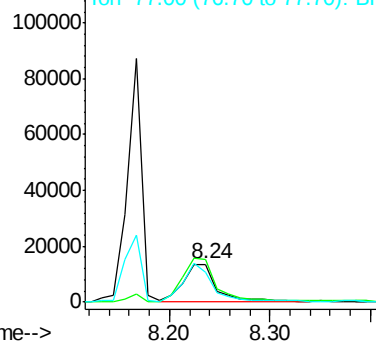


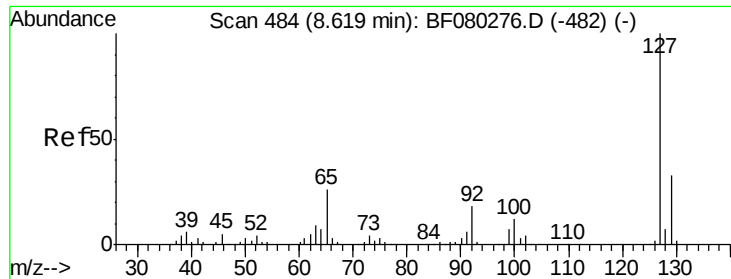
#32
Benzoic acid
Concen: 69.37 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

Tgt Ion:122 Resp: 30326
Ion Ratio Lower Upper
122 100
105 113.9 103.3 143.3
77 80.3 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

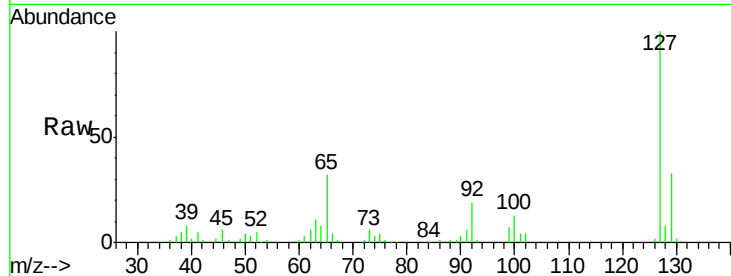




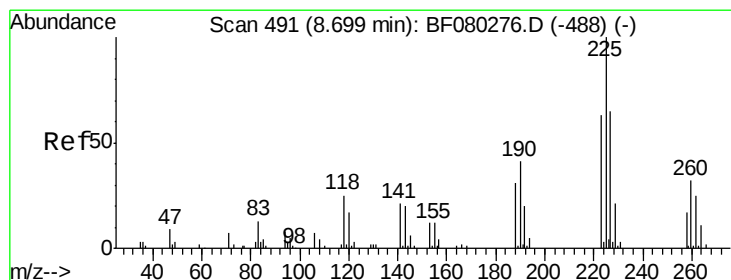
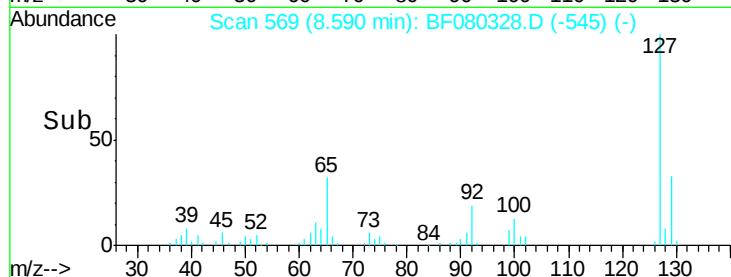
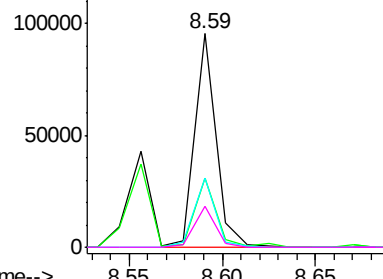
#33
 4-Chloroaniline
 Concen: 27.72 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.03 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

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

Tgt Ion:	127	Resp:	75806
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.4	39.6
65	32.2	21.0	31.6
92	19.4	14.1	21.1

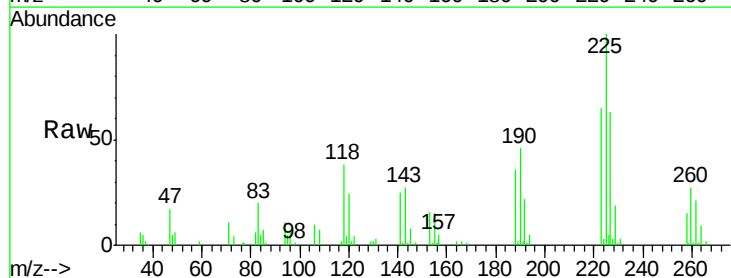


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

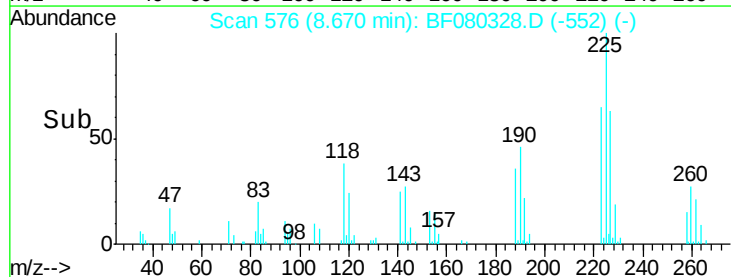
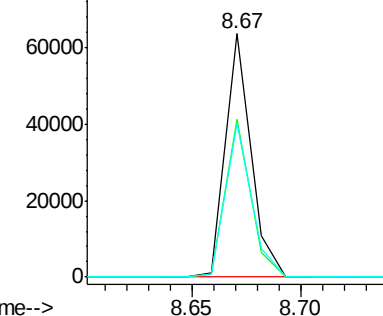


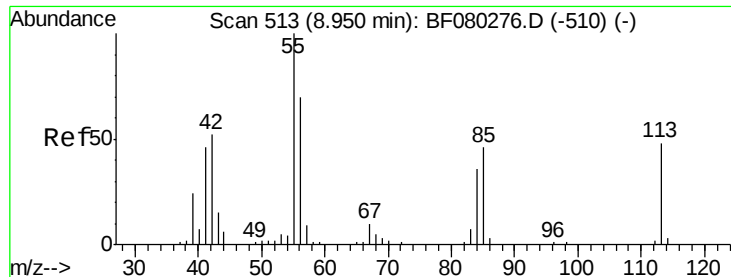
#34
 Hexachlorobutadiene
 Concen: 40.01 ng
 RT: 8.67 min Scan# 576
 Delta R.T. -0.03 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

Tgt Ion:	225	Resp:	51878
Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.5	75.7
227	63.4	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

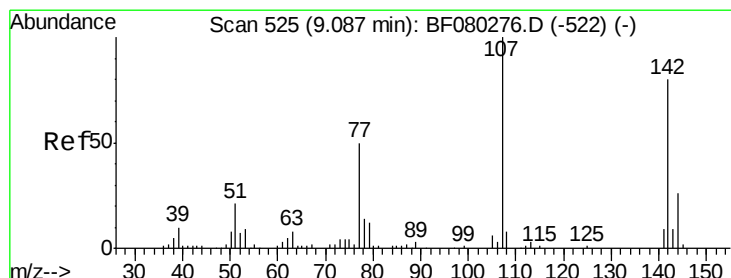
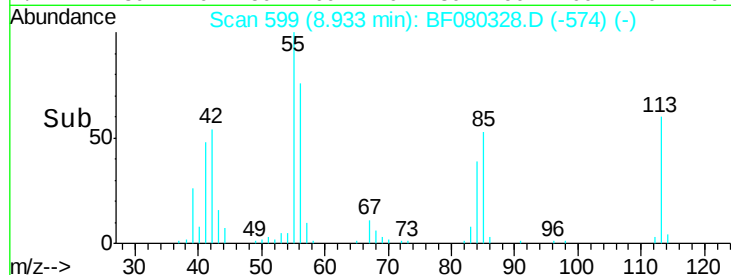
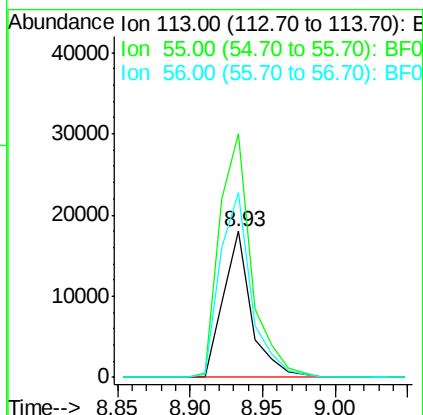
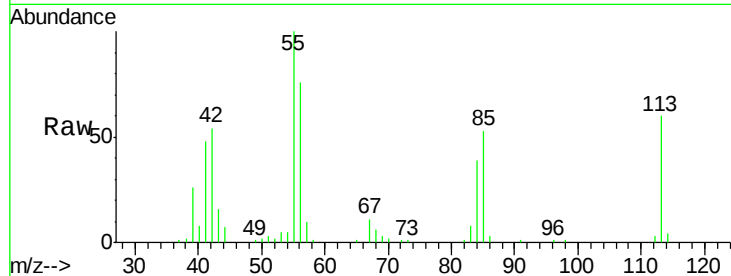




#35
 Caprolactam
 Concen: 44.86 ng
 RT: 8.93 min Scan# 599
 Delta R.T. -0.02 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

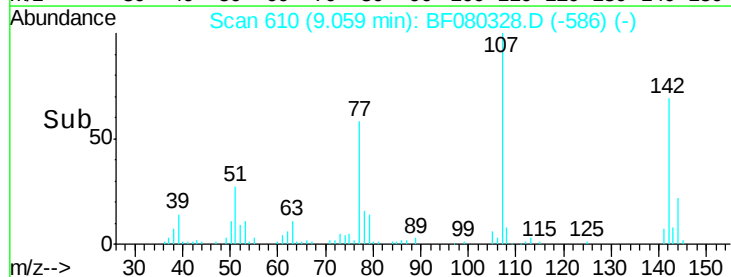
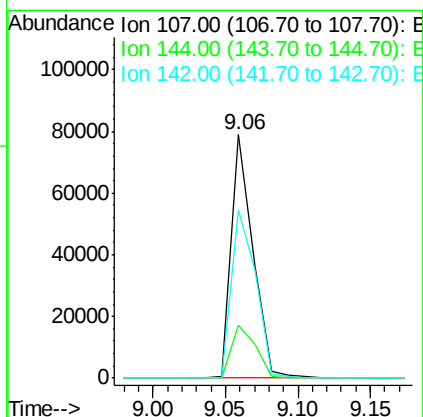
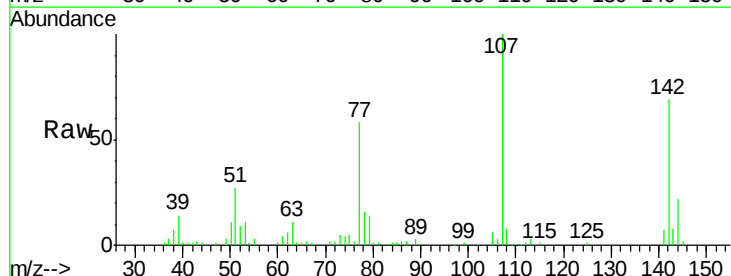
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04-S-UM

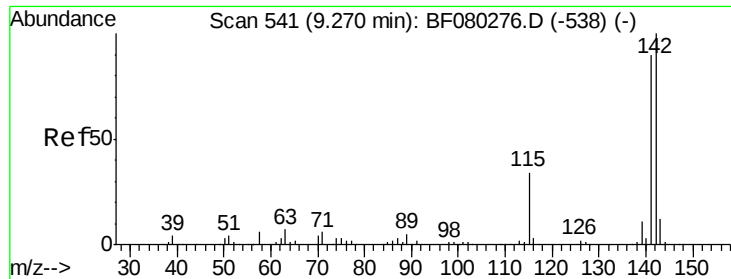
Tgt Ion:113 Resp: 24016
 Ion Ratio Lower Upper
 113 100
 55 166.7 189.7 229.7#
 56 126.9 127.2 167.2#



#36
 4-Chloro-3-methylphenol
 Concen: 42.68 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.03 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

Tgt Ion:107 Resp: 81536
 Ion Ratio Lower Upper
 107 100
 144 21.9 20.4 30.6
 142 68.8 63.8 95.6

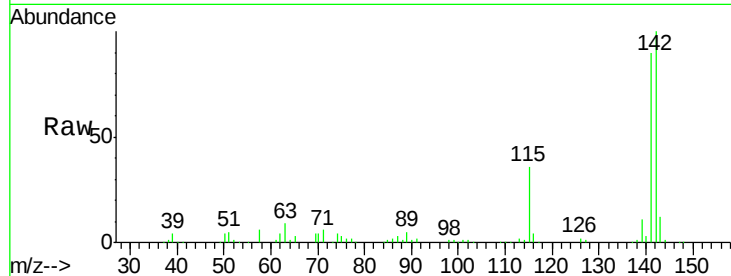




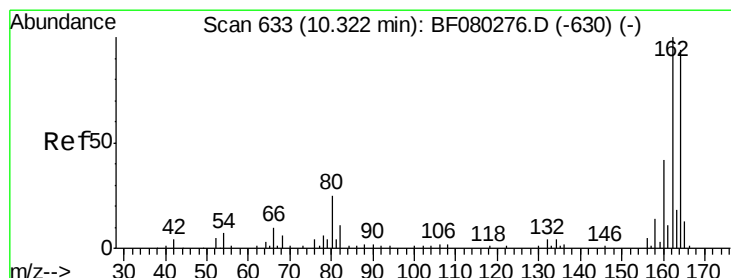
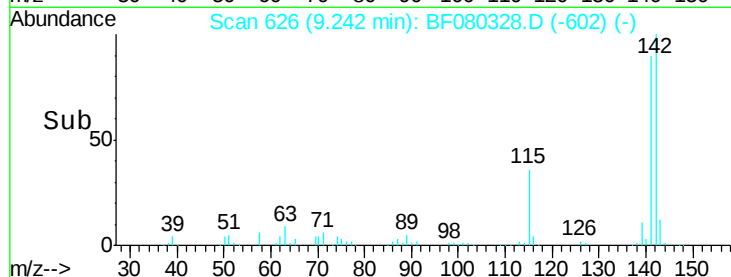
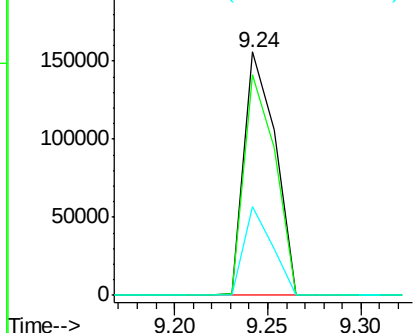
#37
 2-Methylnaphthalene
 Concen: 40.85 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.03 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

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

Tgt Ion:142 Resp: 180311
 Ion Ratio Lower Upper
 142 100
 141 90.5 71.8 107.6
 115 36.4 27.4 41.2

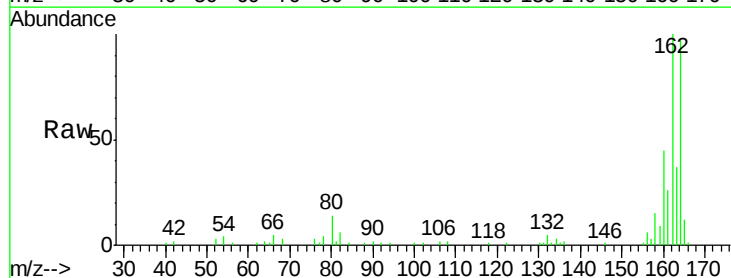


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

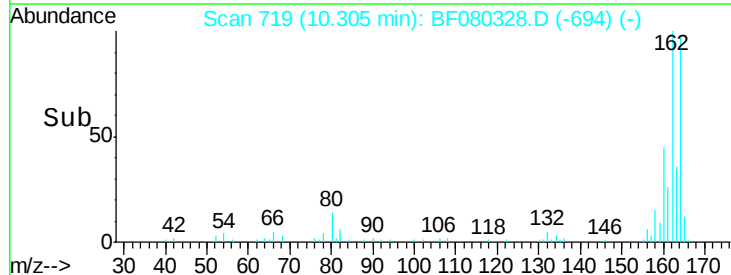
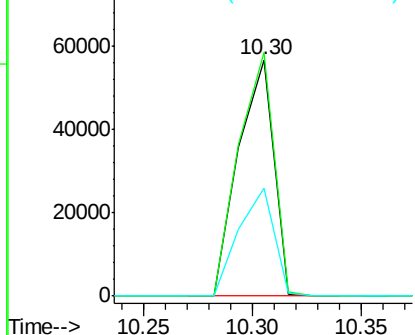


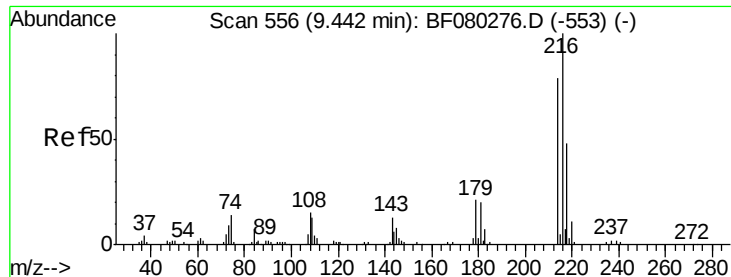
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.30 min Scan# 719
 Delta R.T. -0.02 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

Tgt Ion:164 Resp: 63664
 Ion Ratio Lower Upper
 164 100
 162 103.0 84.8 127.2
 160 45.9 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: 40.38 ng

RT: 9.41 min Scan# 641

Delta R.T. -0.03 min

Lab File: BF080328.D

Acq: 3 Jul 2015 7:04

Instrument :

BNA_F

ClientSampleId :

IDOC-04-S-UM

Tgt Ion:216 Resp: 85549

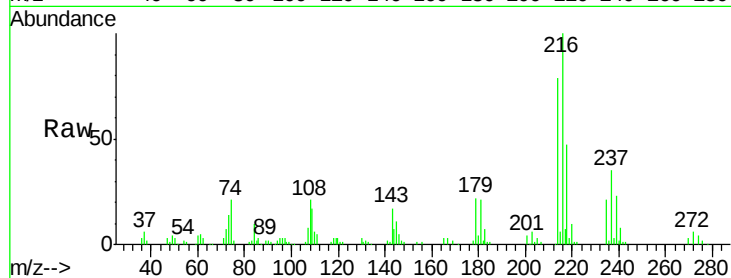
Ion Ratio Lower Upper

216 100

214 78.7 63.0 94.6

179 20.6 16.8 25.2

108 21.4 13.8 20.8#

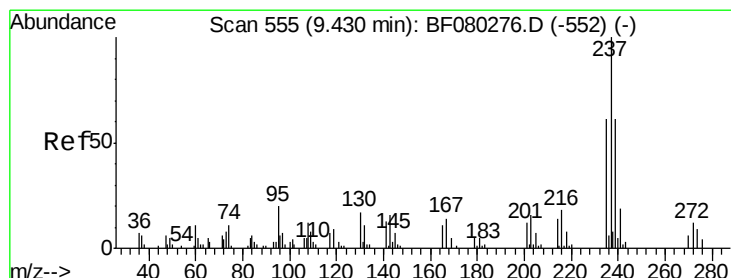
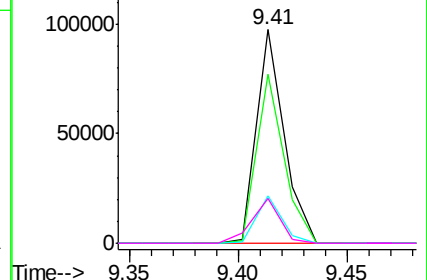
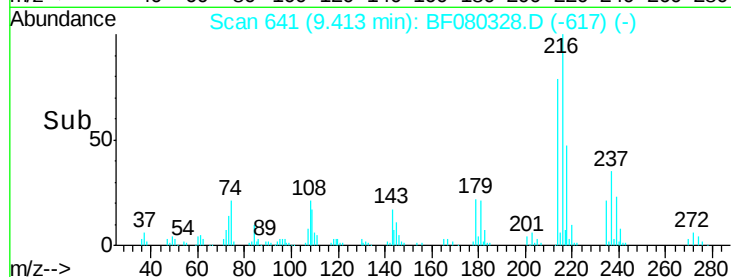


Abundance Ion 216.00 (215.70 to 216.70): E

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: 87.06 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.03 min

Lab File: BF080328.D

Acq: 3 Jul 2015 7:04

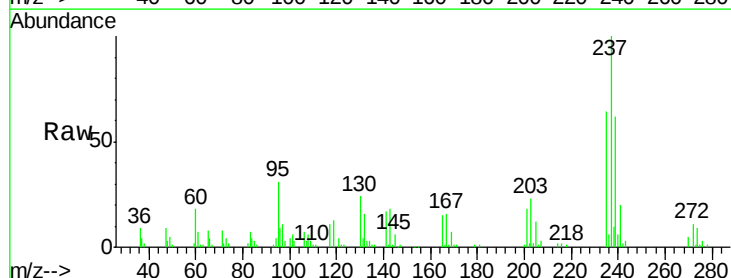
Tgt Ion:237 Resp: 73260

Ion Ratio Lower Upper

237 100

235 64.3 41.3 81.3

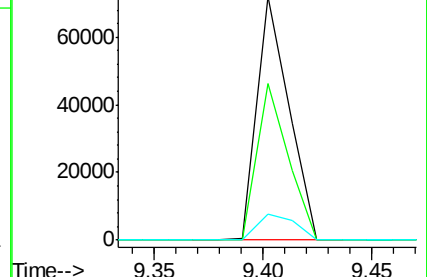
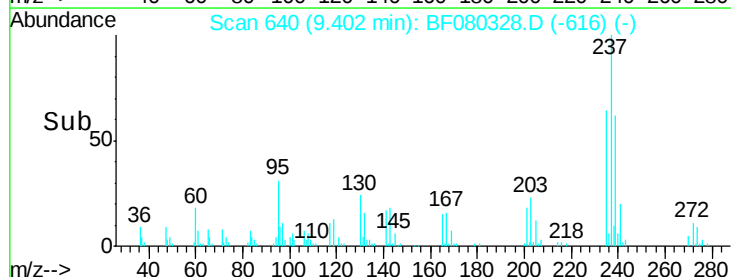
272 10.5 0.0 31.8

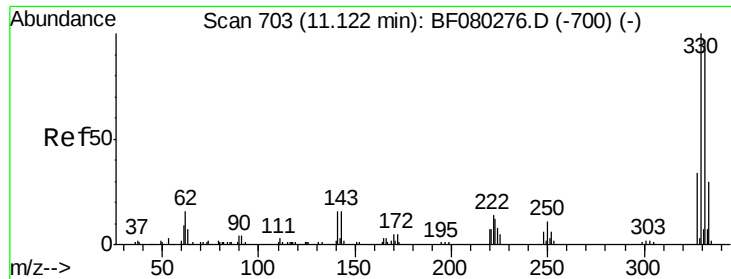


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

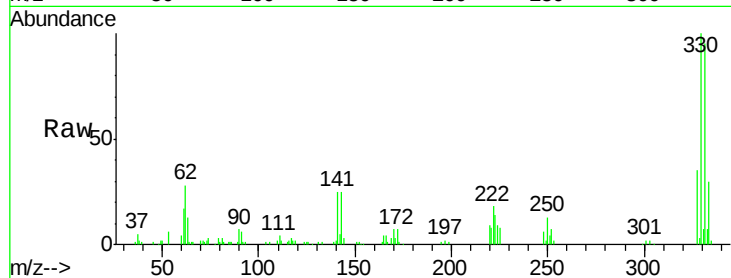




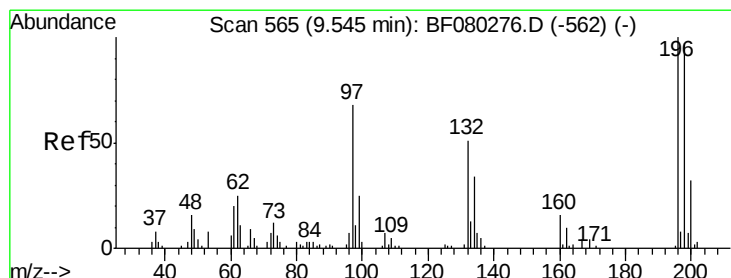
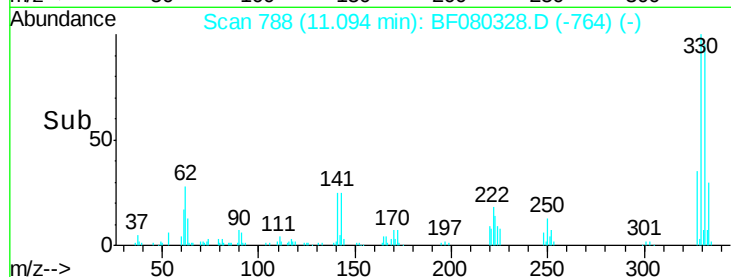
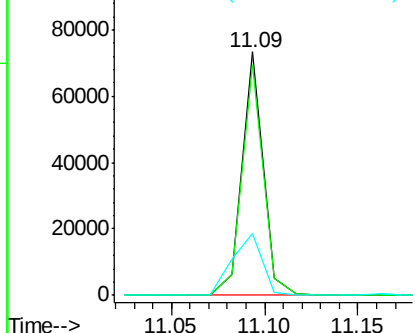
#41
 2,4,6-Tribromophenol
 Concen: 96.65 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.03 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

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

Tgt Ion:330 Resp: 58592
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.4 116.2
 141 35.3 28.0 42.0

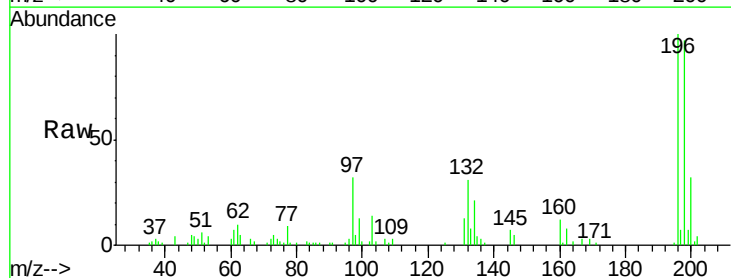


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

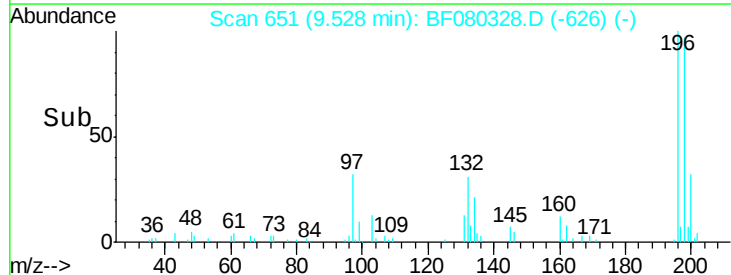
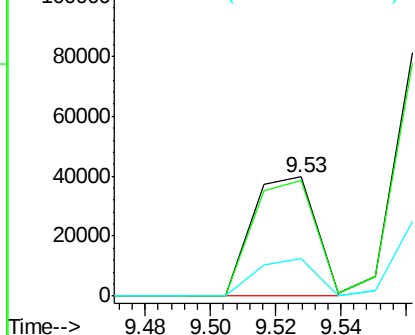


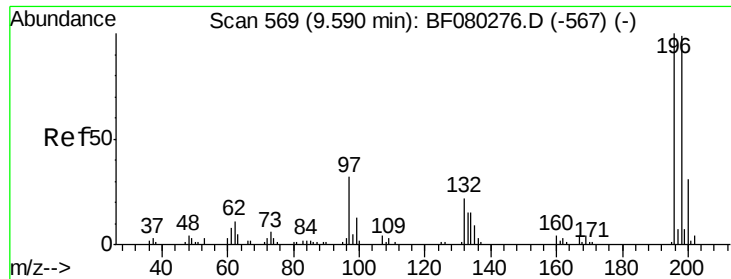
#42
 2,4,6-Trichlorophenol
 Concen: 40.02 ng
 RT: 9.53 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

Tgt Ion:196 Resp: 53668
 Ion Ratio Lower Upper
 196 100
 198 96.7 77.7 116.5
 200 32.0 25.6 38.4



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

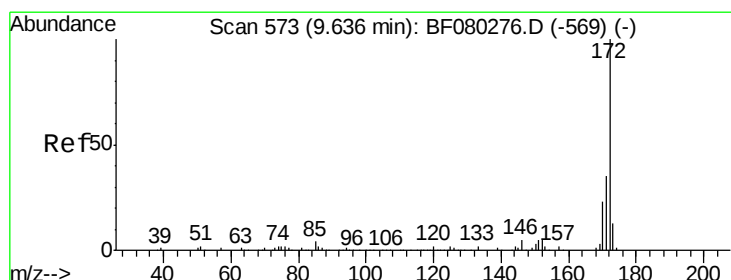
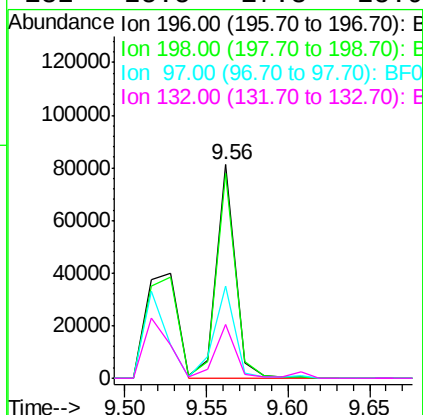
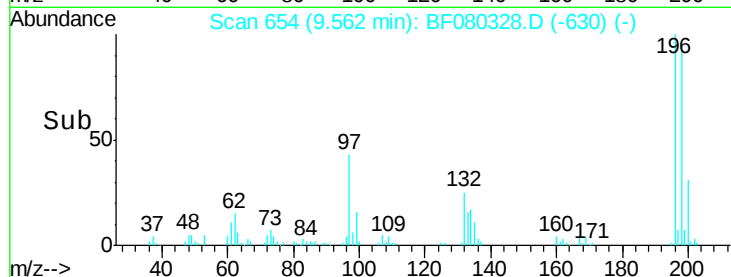
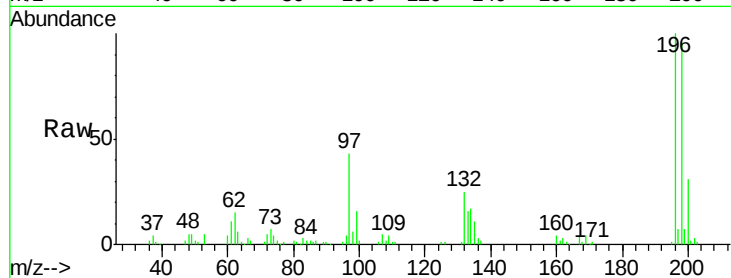




#43
 2,4,5-Trichlorophenol
 Concen: 45.59 ng
 RT: 9.56 min Scan# 654
 Delta R.T. -0.03 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

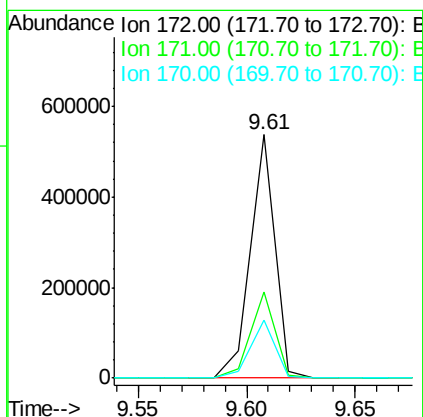
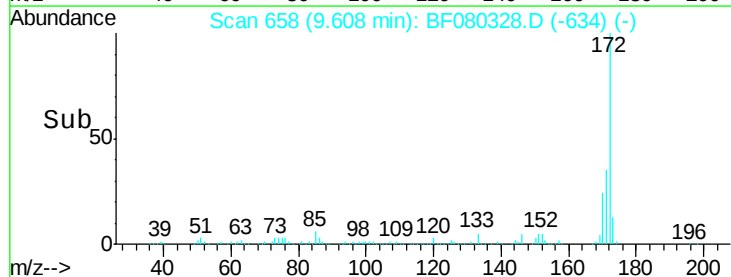
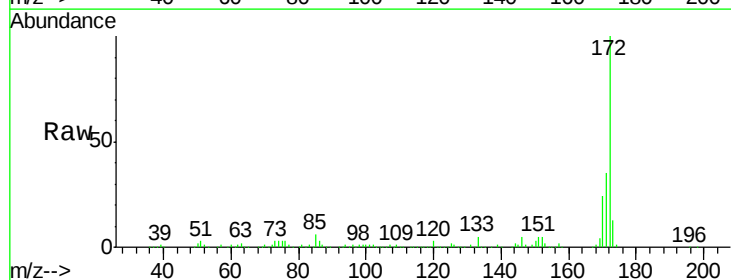
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04-S-UM

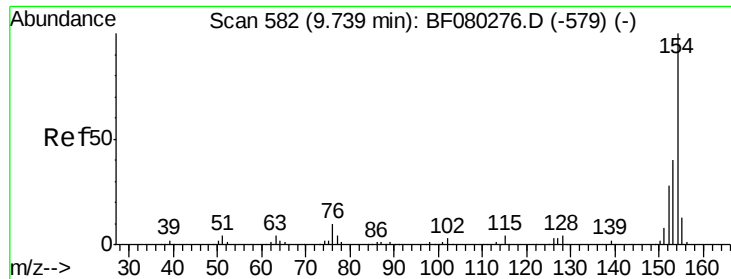
Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	79.4	119.2
97	43.0	25.9	38.9
132	25.5	17.3	25.9



#44
 2-Fluorobiphenyl
 Concen: 95.09 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.03 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.1	42.1
170	24.0	18.6	28.0

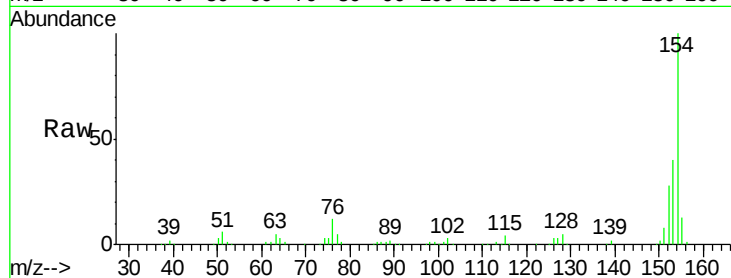




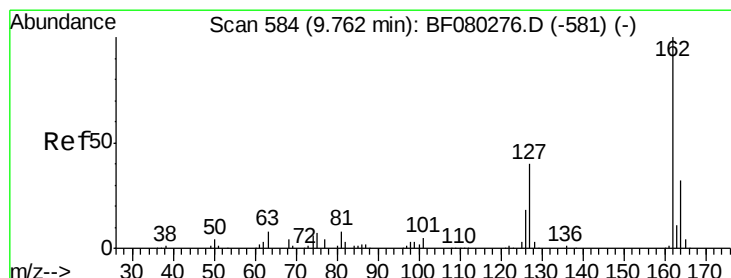
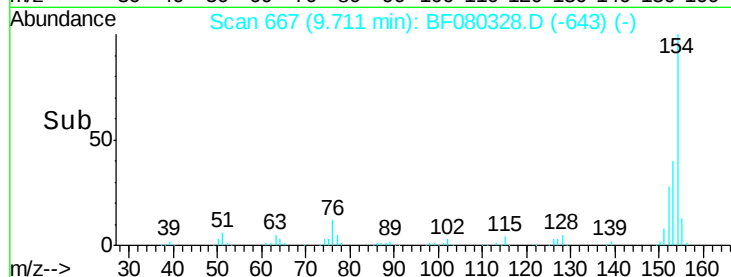
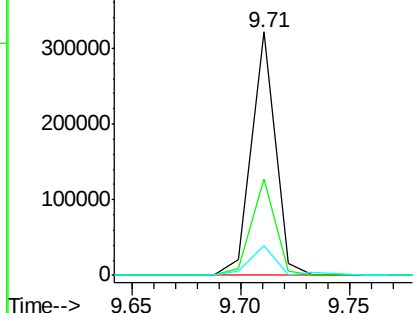
#45
 1,1'-Biphenyl
 Concen: 45.44 ng
 RT: 9.71 min Scan# 667
 Delta R.T. -0.03 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

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

Tgt Ion:	154	Resp:	246006
Ion Ratio	Lower	Upper	
154	100		
153	39.6	20.3	60.3
76	12.4	0.0	30.3

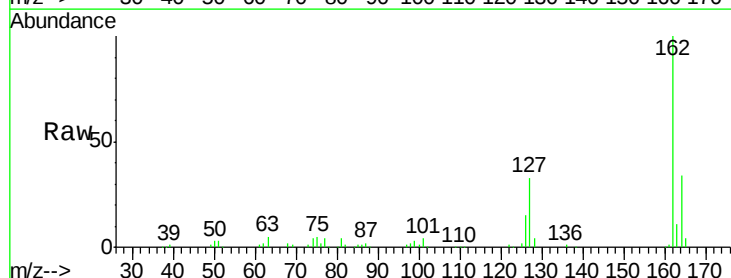


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

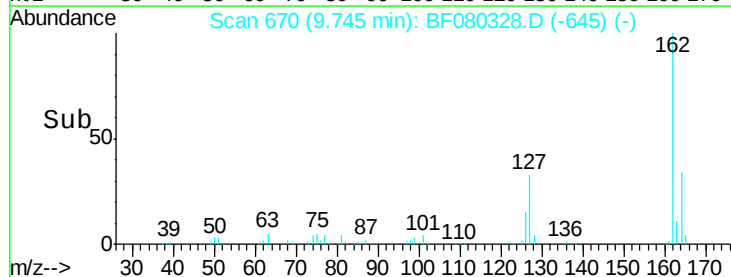
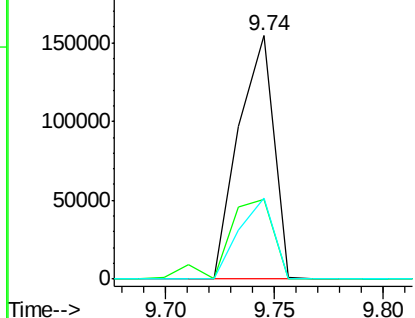


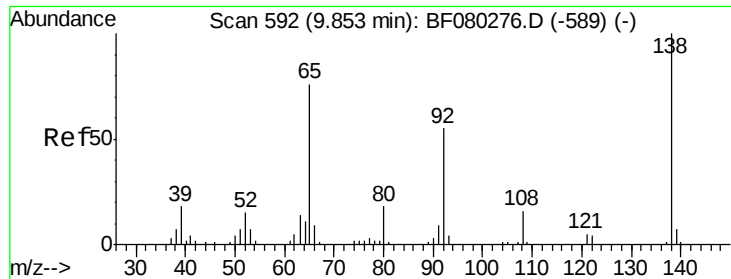
#46
 2-Chloronaphthalene
 Concen: 41.37 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.02 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

Tgt Ion:	162	Resp:	173365
Ion Ratio	Lower	Upper	
162	100		
127	32.9	33.4	50.0#
164	33.5	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

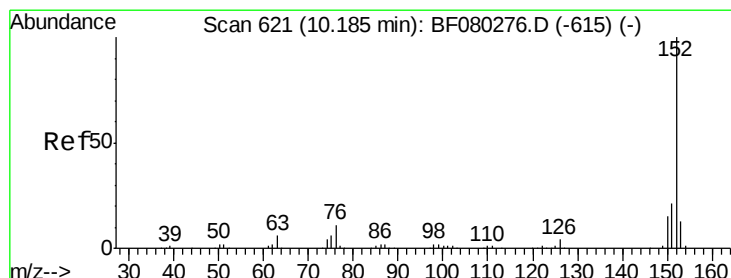
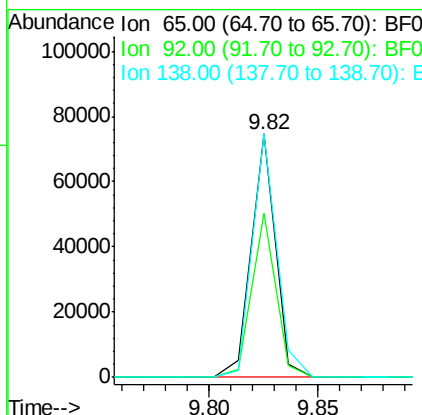
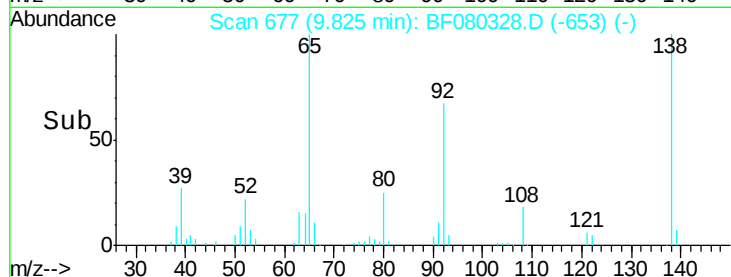
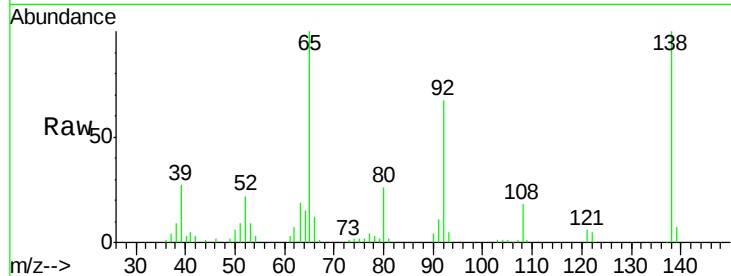




#47
 2-Nitroaniline
 Concen: 47.73 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.03 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

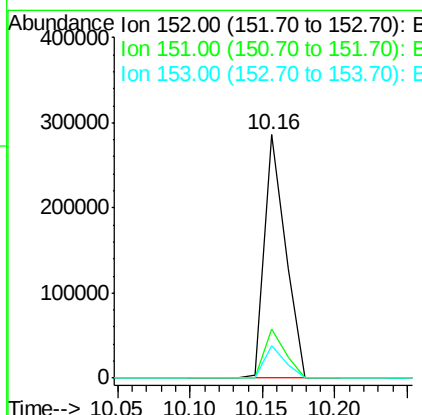
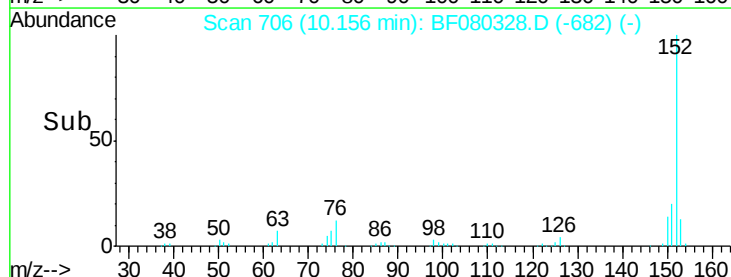
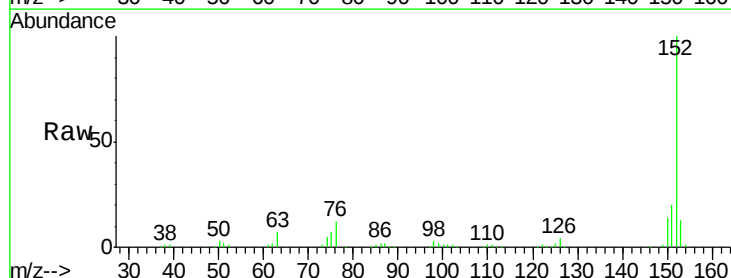
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04-S-UM

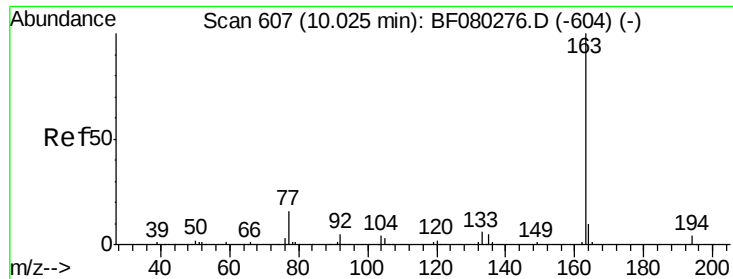
Tgt Ion: 65 Resp: 57522
 Ion Ratio Lower Upper
 65 100
 92 67.5 58.0 87.0
 138 99.9 104.8 157.2#



#48
 Acenaphthylene
 Concen: 39.65 ng
 RT: 10.16 min Scan# 706
 Delta R.T. -0.03 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

Tgt Ion: 152 Resp: 288557
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.7 25.1
 153 13.3 10.7 16.1

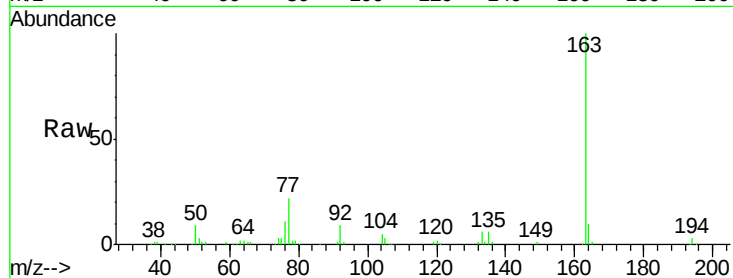




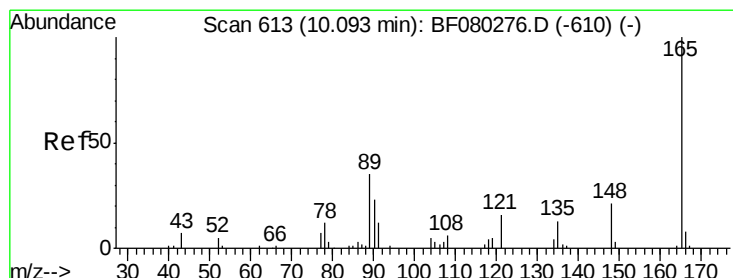
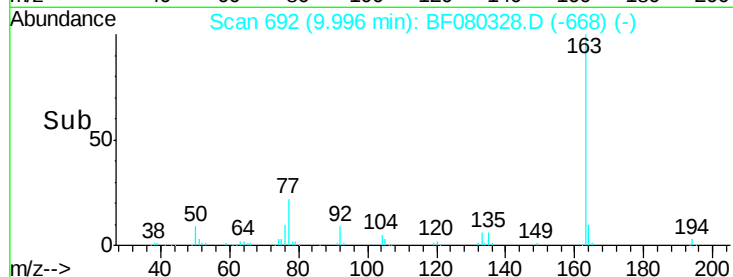
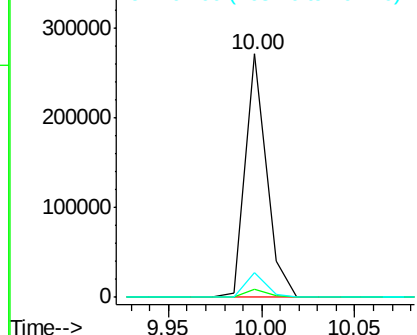
#49
Dimethylphthalate
Concen: 44.84 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.03 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

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

Tgt Ion:163 Resp: 218062
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.2 7.9 11.9

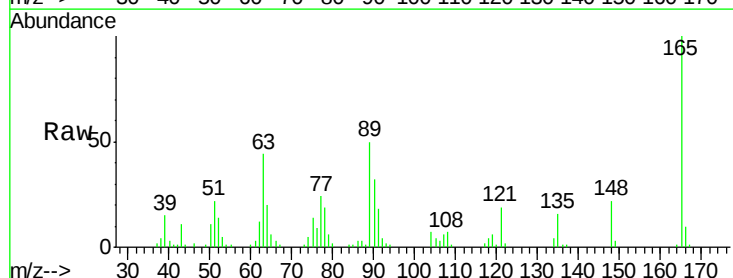


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

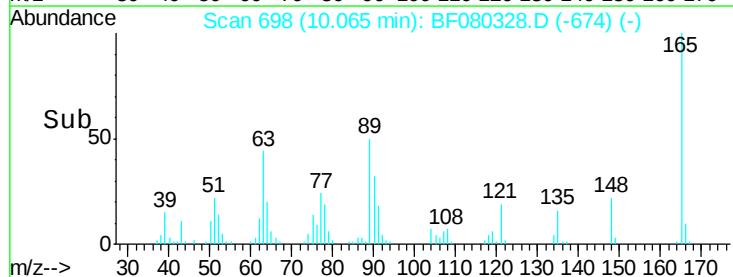
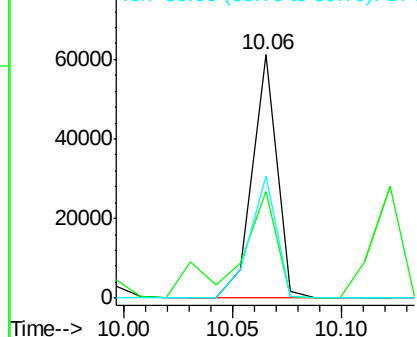


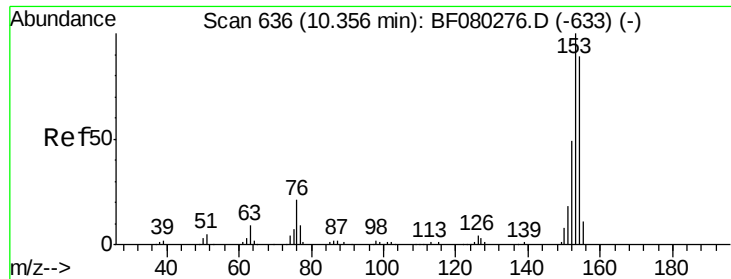
#50
2,6-Dinitrotoluene
Concen: 48.34 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.03 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

Tgt Ion:165 Resp: 48060
Ion Ratio Lower Upper
165 100
63 44.0 23.4 35.0#
89 49.9 27.7 41.5#



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





#51

Acenaphthene

Concen: 44.87 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF080328.D

Acq: 3 Jul 2015 7:04

Instrument :

BNA_F

ClientSampleId :

IDOC-04-S-UM

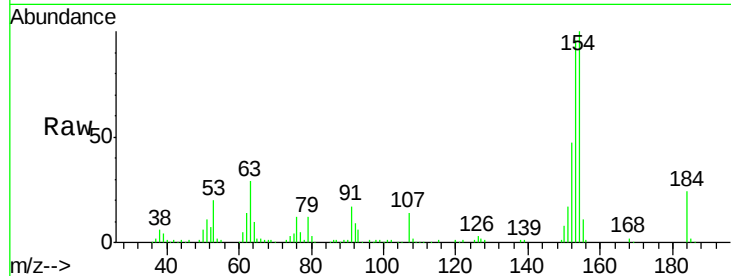
Tgt Ion:154 Resp: 188033

Ion Ratio Lower Upper

154 100

153 95.9 90.4 135.6

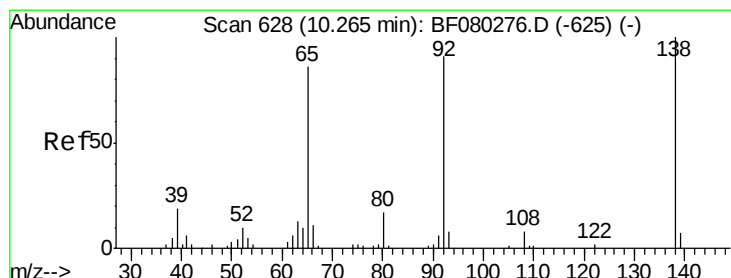
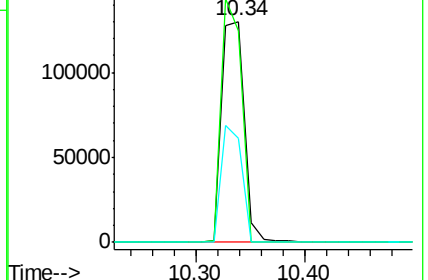
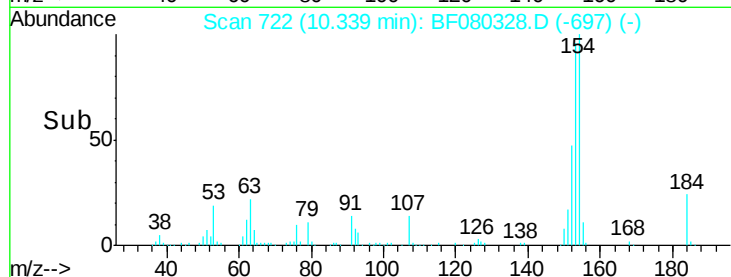
152 46.9 43.9 65.9



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: 33.11 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.03 min

Lab File: BF080328.D

Acq: 3 Jul 2015 7:04

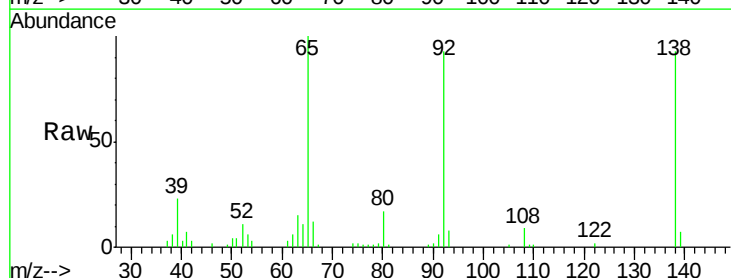
Tgt Ion:138 Resp: 37756

Ion Ratio Lower Upper

138 100

108 9.6 6.7 10.1

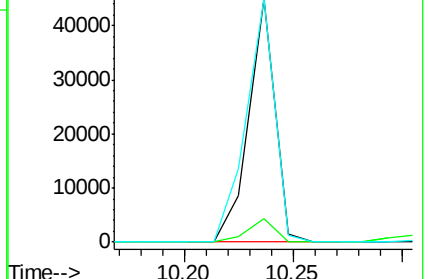
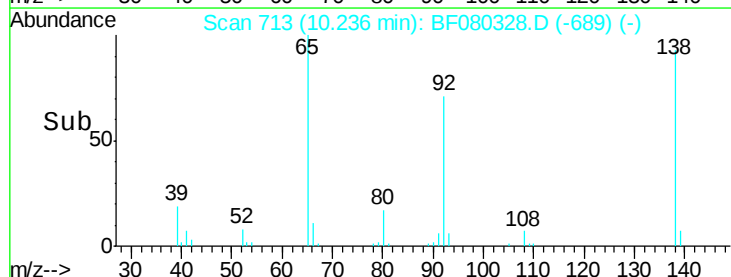
92 100.2 72.6 109.0

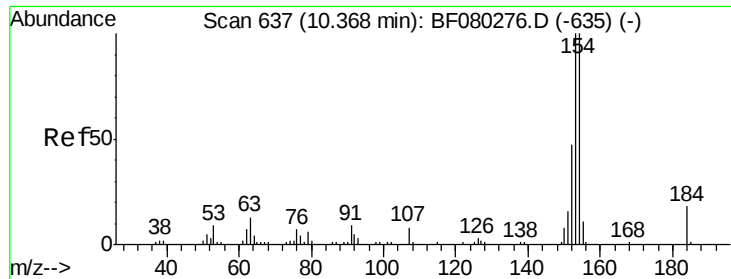


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

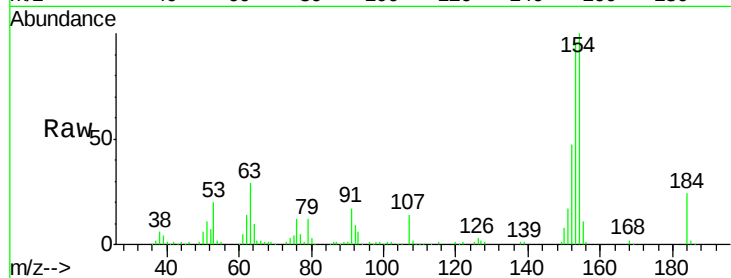




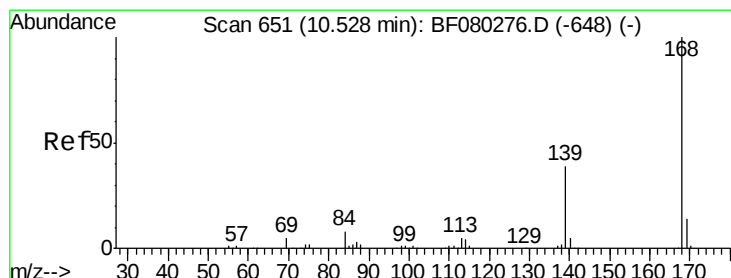
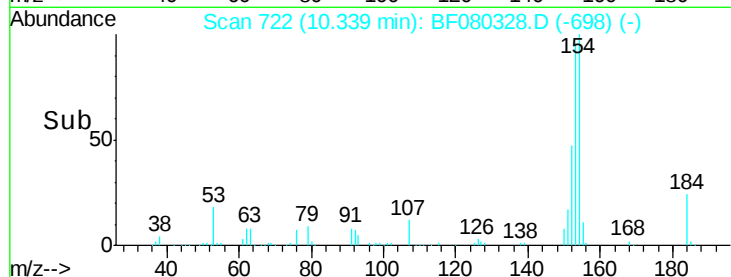
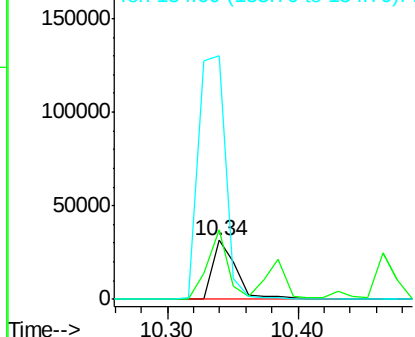
#53
2,4-Dinitrophenol
Concen: 90.85 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.03 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

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

Tgt Ion:184 Resp: 39772
Ion Ratio Lower Upper
184 100
63 118.5 65.0 97.6#
154 412.7 473.1 709.7#

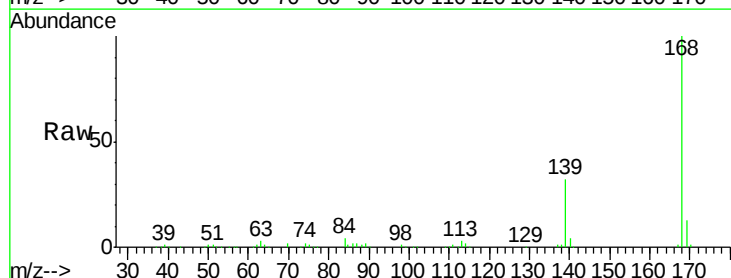


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

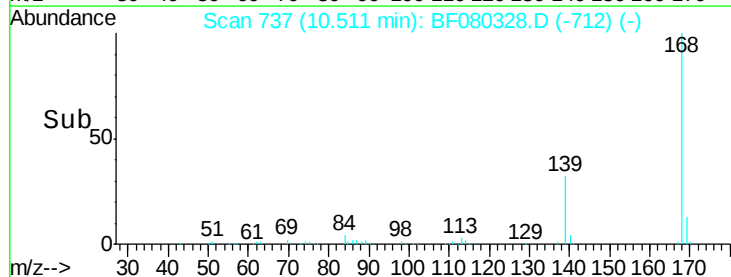
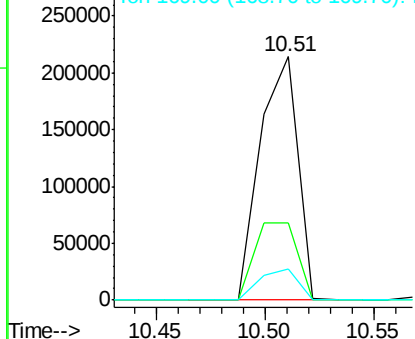


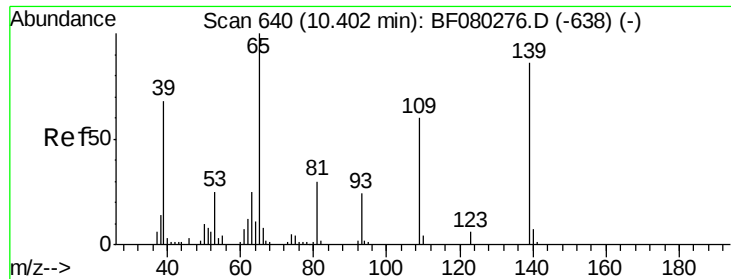
#54
Dibenzofuran
Concen: 44.07 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

Tgt Ion:168 Resp: 260602
Ion Ratio Lower Upper
168 100
139 32.0 31.5 47.3
169 12.7 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

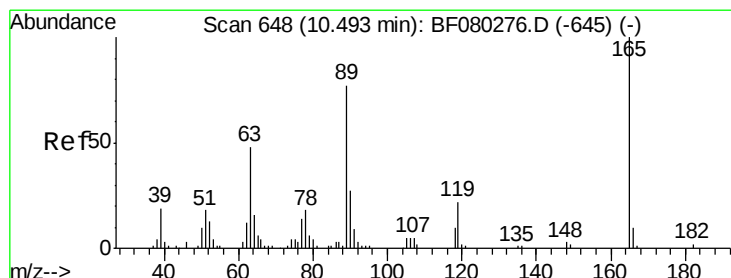
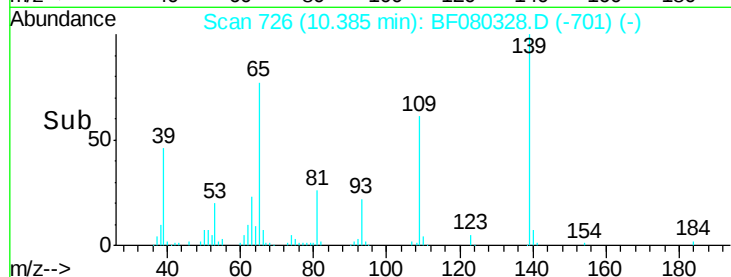
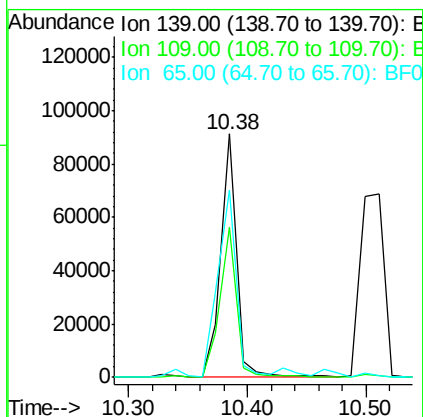
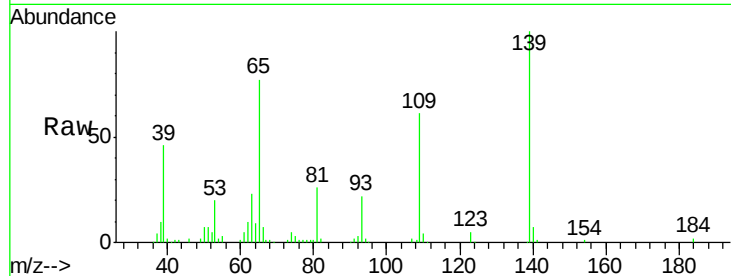




#55
4-Nitrophenol
Concen: 99.29 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

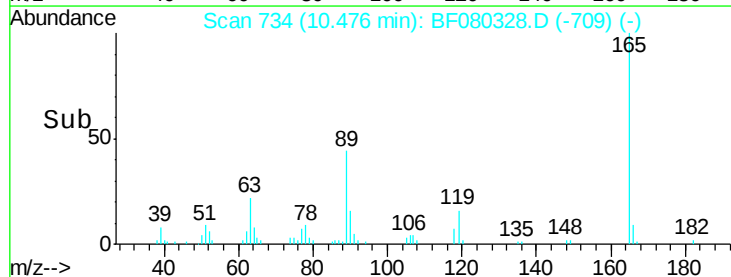
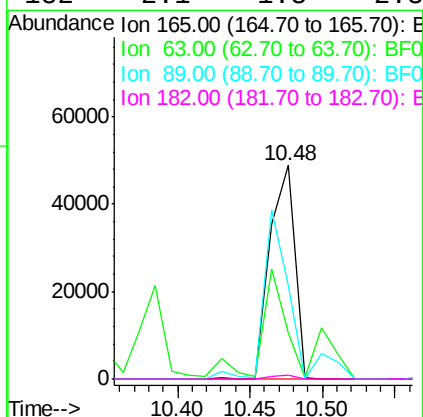
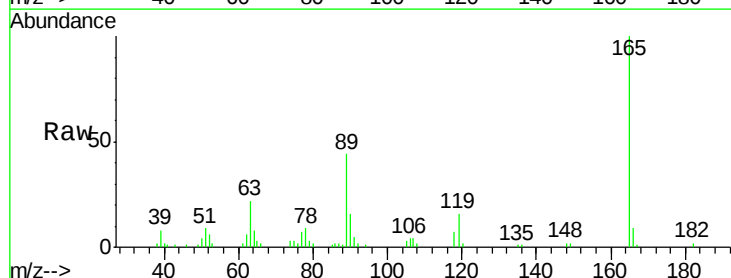
Instrument :
BNA_F
ClientSampleId :
IDOC-04-S-UM

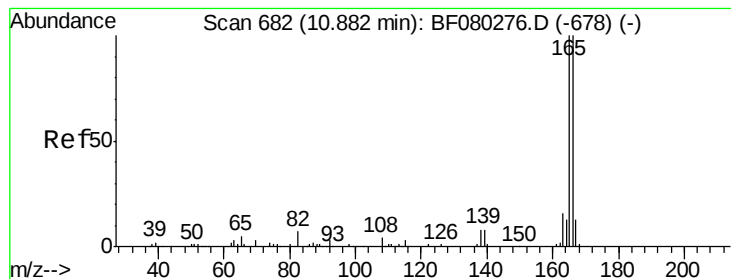
Tgt Ion:139 Resp: 83697
Ion Ratio Lower Upper
139 100
109 61.5 50.2 90.2
65 77.0 96.7 136.7#



#56
2,4-Dinitrotoluene
Concen: 45.24 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

Tgt Ion:165 Resp: 58317
Ion Ratio Lower Upper
165 100
63 21.7 38.7 58.1#
89 44.0 62.0 93.0#
182 2.1 1.8 2.8





#57

Fluorene

Concen: 44.92 ng

RT: 10.85 min Scan# 767

Delta R.T. -0.03 min

Lab File: BF080328.D

Acq: 3 Jul 2015 7:04

Instrument :

BNA_F

ClientSampleId :

IDOC-04-S-UM

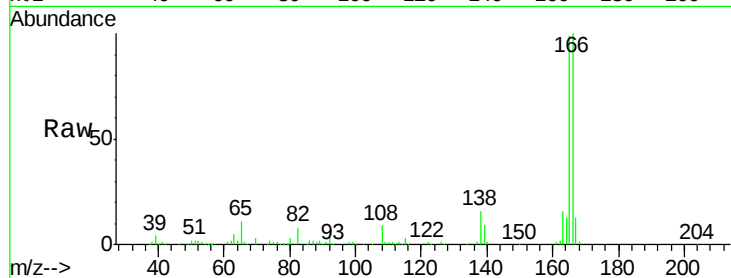
Tgt Ion:166 Resp: 220345

Ion Ratio Lower Upper

166 100

165 98.9 79.9 119.9

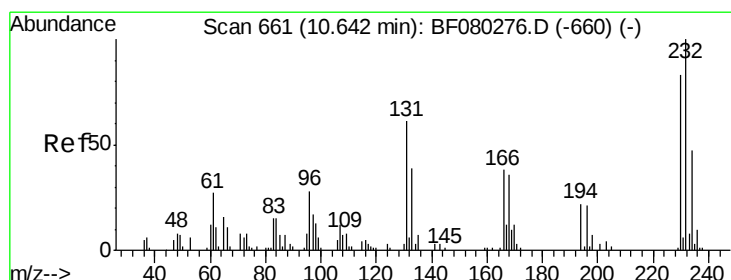
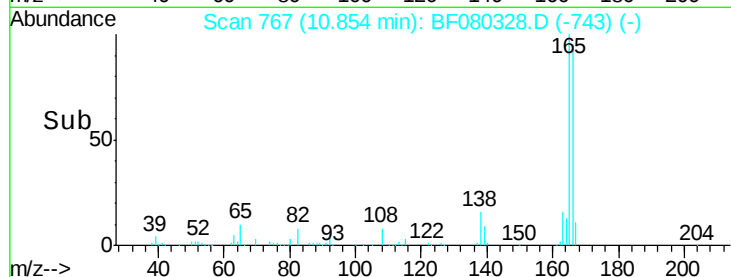
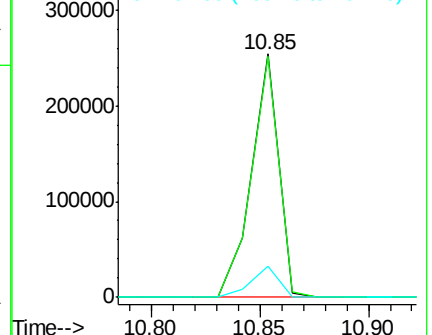
167 12.8 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.71 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF080328.D

Acq: 3 Jul 2015 7:04

Tgt Ion:232 Resp: 51469

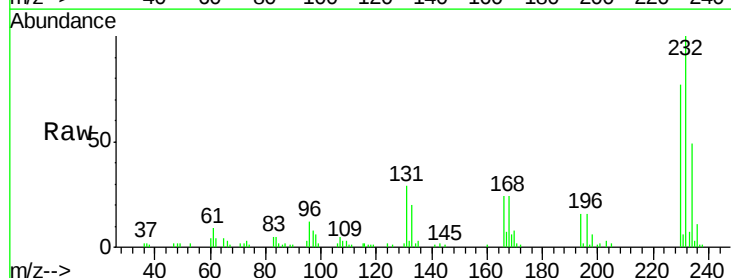
Ion Ratio Lower Upper

232 100

131 43.5 37.0 55.6

130 2.3 1.5 2.3#

166 29.1 24.4 36.6

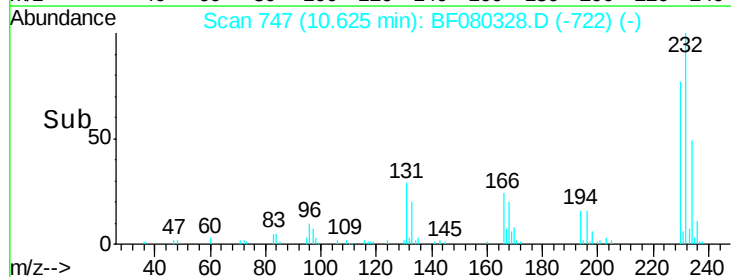
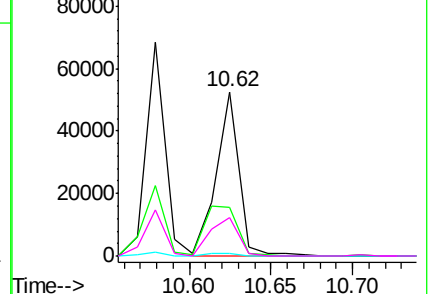


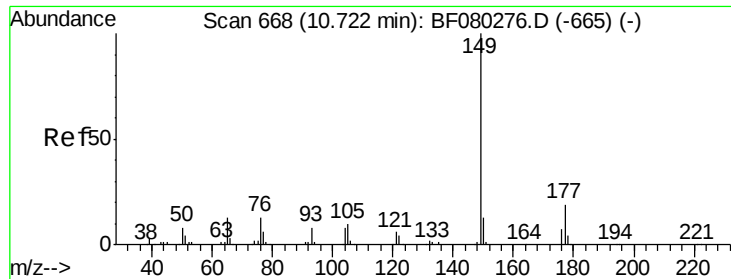
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

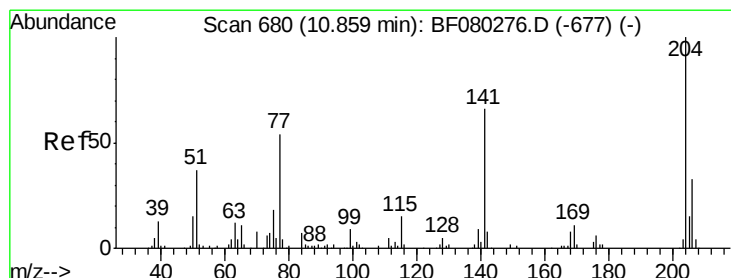
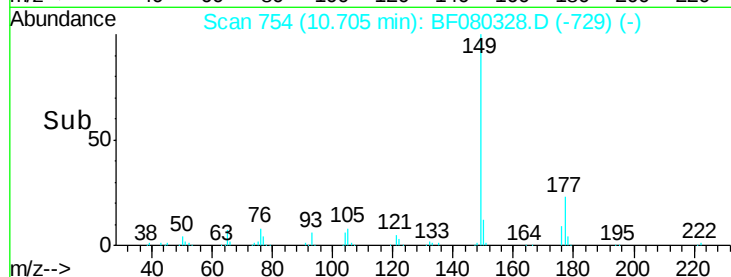
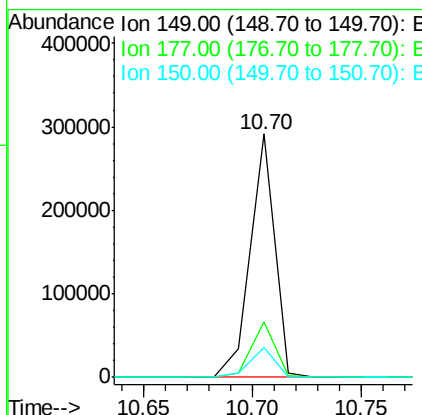
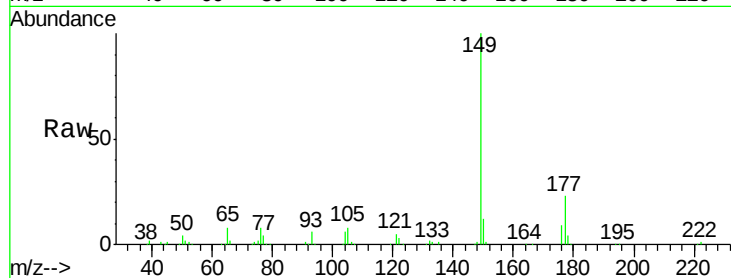




#59
Diethylphthalate
Concen: 49.16 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.02 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

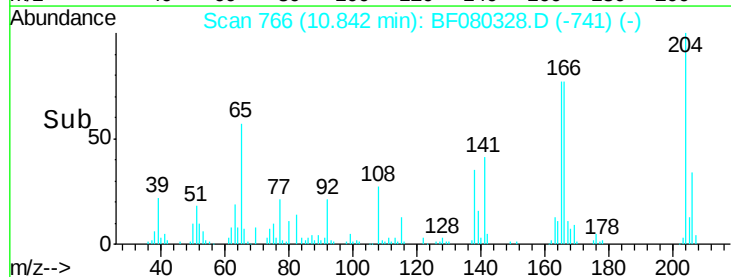
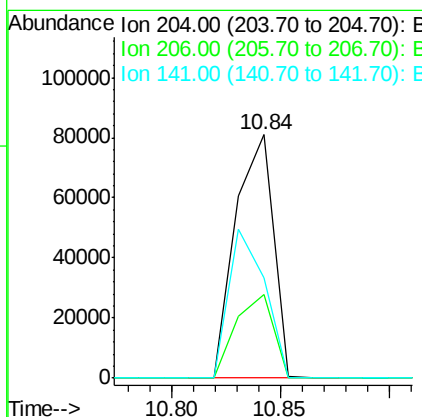
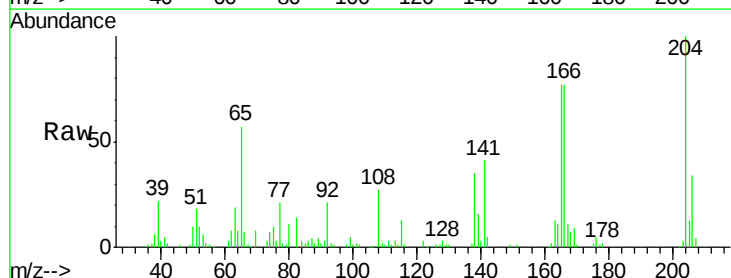
Instrument :
BNA_F
ClientSampleId :
IDOC-04-S-UM

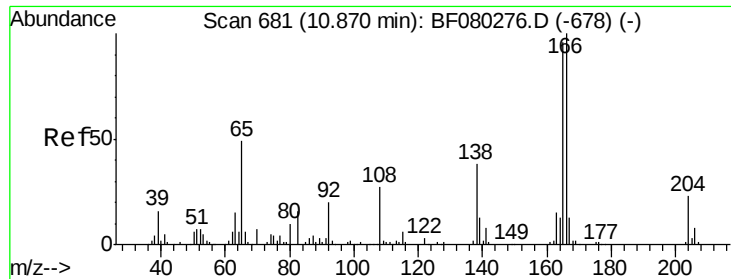
Tgt Ion:149 Resp: 227219
Ion Ratio Lower Upper
149 100
177 22.7 15.4 23.0
150 12.1 10.5 15.7



#60
4-Chlorophenyl-phenylether
Concen: 43.98 ng
RT: 10.84 min Scan# 766
Delta R.T. -0.02 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

Tgt Ion:204 Resp: 97542
Ion Ratio Lower Upper
204 100
206 34.1 26.5 39.7
141 41.3 52.5 78.7#

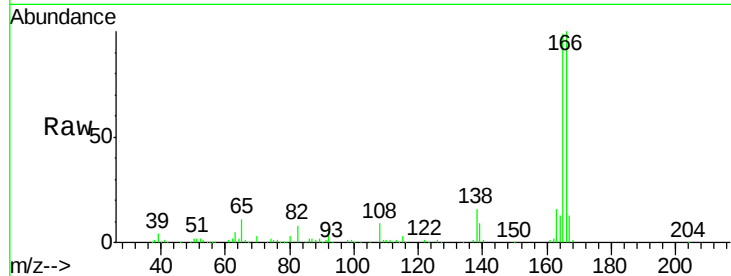




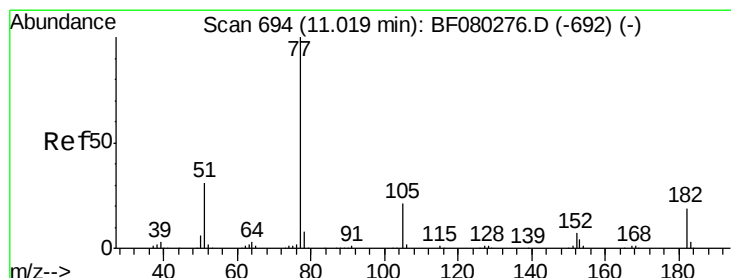
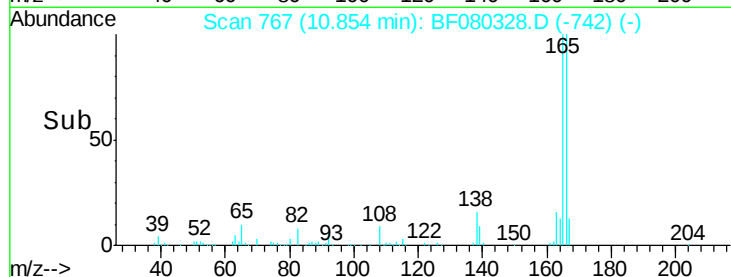
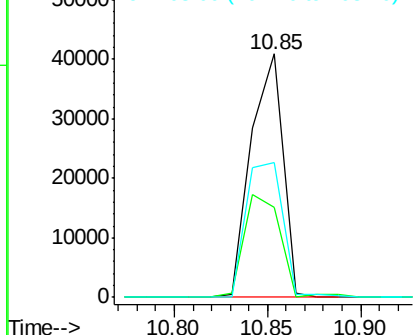
#61
4-Nitroaniline
Concen: 41.80 ng
RT: 10.85 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

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

Tgt Ion:138 Resp: 48450
Ion Ratio Lower Upper
138 100
92 37.0 32.7 72.7
108 55.3 49.6 89.6

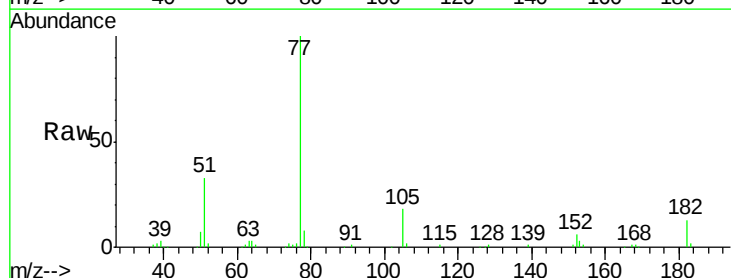


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

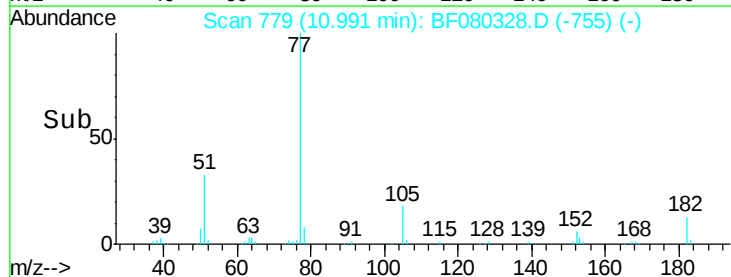
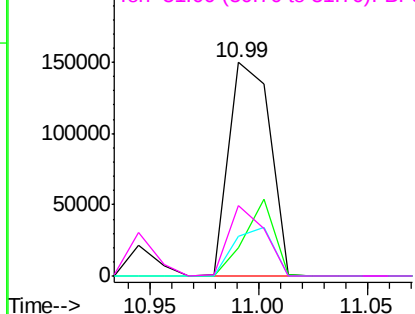


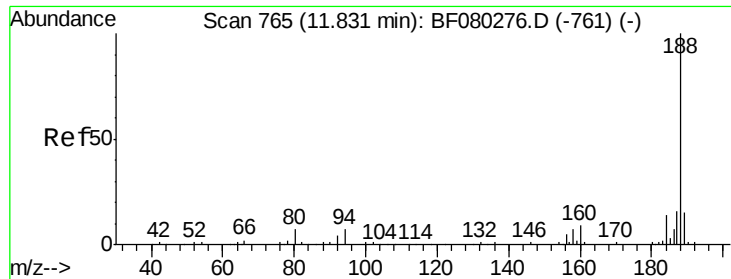
#62
Azobenzene
Concen: 41.32 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.03 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

Tgt Ion: 77 Resp: 196450
Ion Ratio Lower Upper
77 100
182 13.0 0.0 38.9
105 18.3 1.3 41.3
51 32.7 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

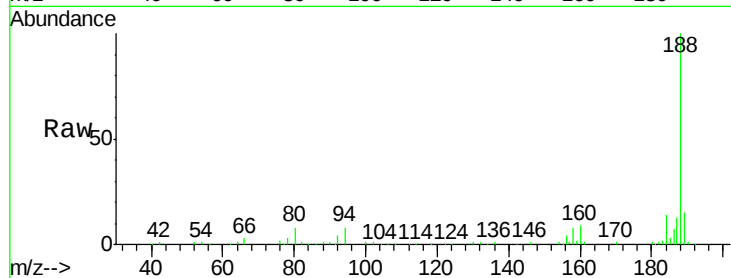




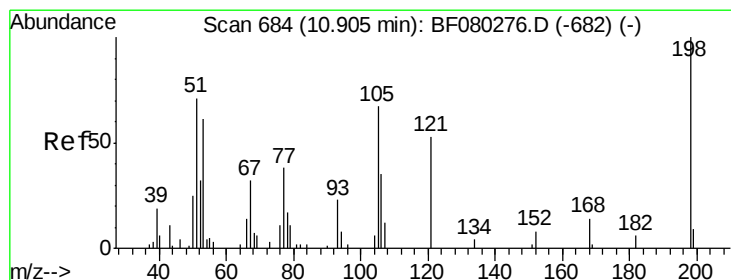
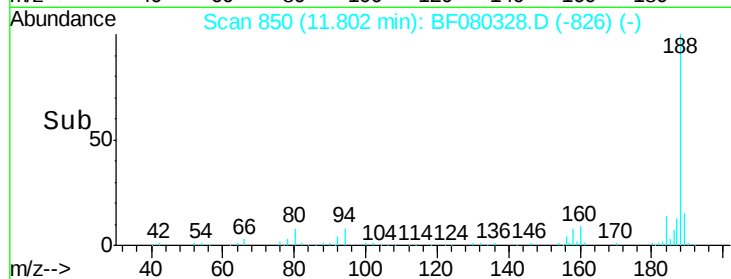
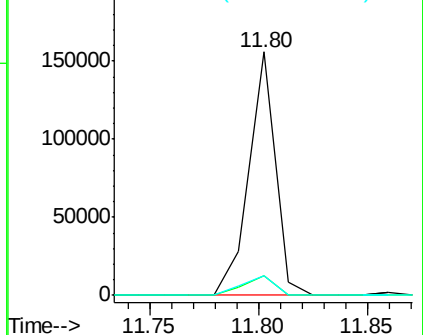
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.80 min Scan# 850
 Delta R.T. -0.03 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

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

Tgt Ion:188 Resp: 132118
 Ion Ratio Lower Upper
 188 100
 94 8.0 5.4 8.0
 80 7.9 5.8 8.6

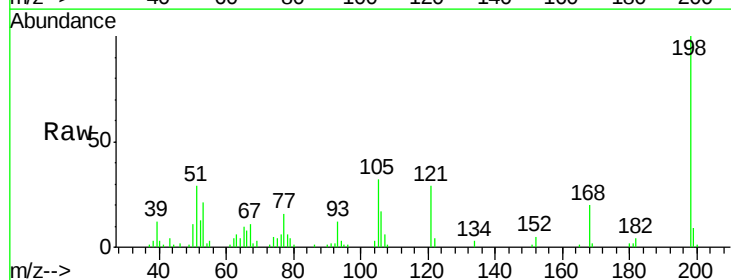


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

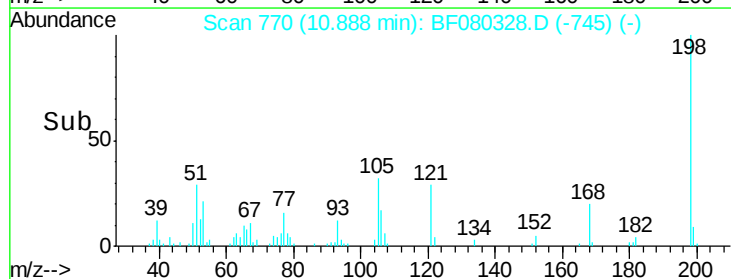
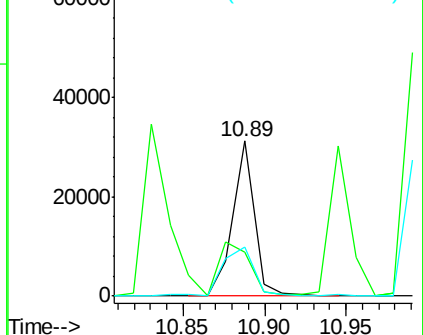


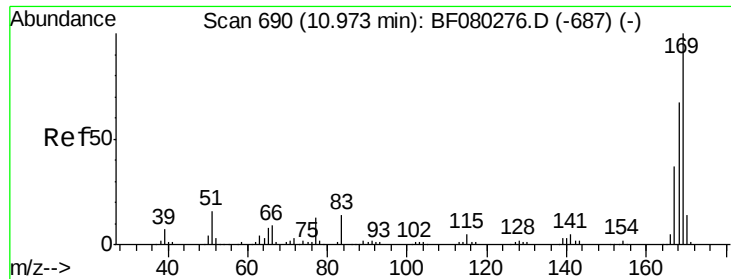
#64
 4,6-Dinitro-2-methylphenol
 Concen: 49.70 ng
 RT: 10.89 min Scan# 770
 Delta R.T. -0.02 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

Tgt Ion:198 Resp: 28554
 Ion Ratio Lower Upper
 198 100
 51 28.7 63.7 103.7#
 105 31.7 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

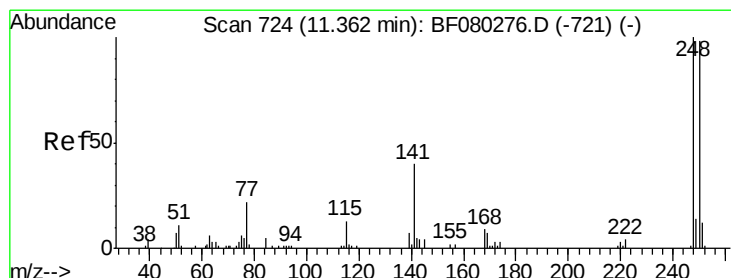
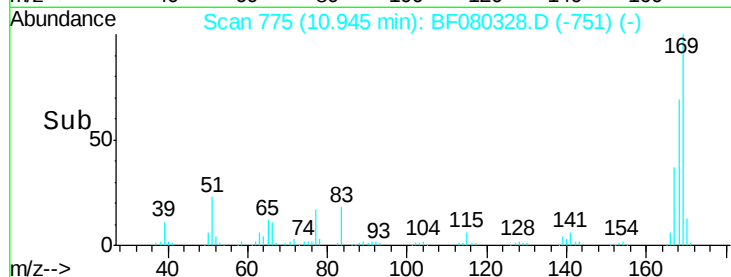
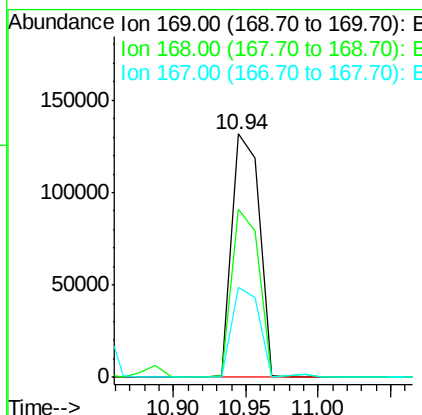
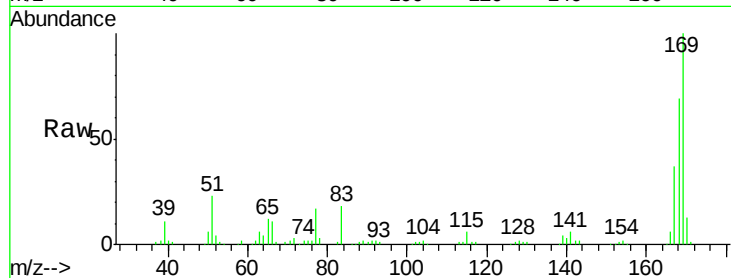




#65
 n-Nitrosodiphenylamine
 Concen: 39.90 ng
 RT: 10.94 min Scan# 775
 Delta R.T. -0.03 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

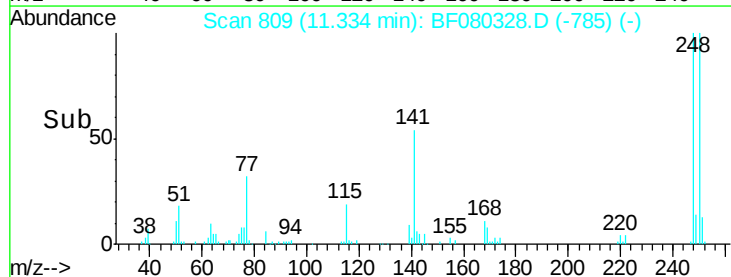
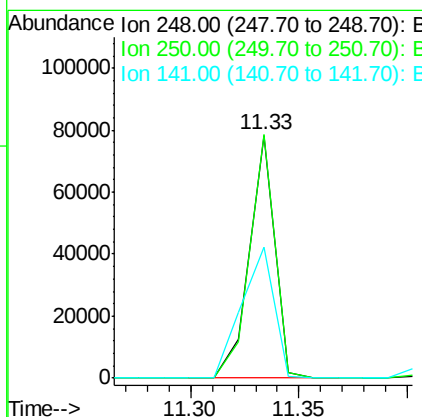
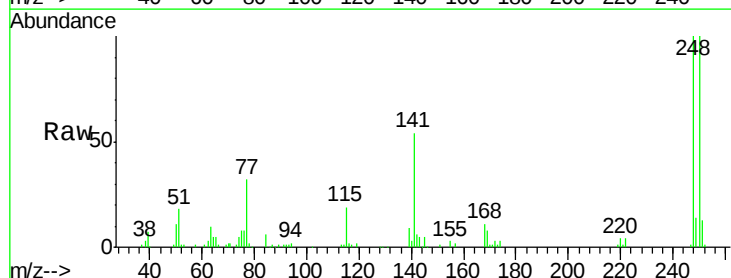
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04-S-UM

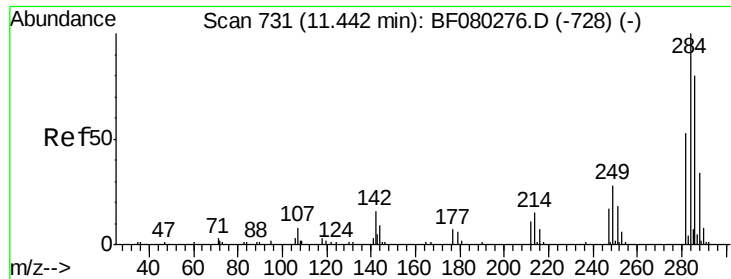
Tgt Ion:169 Resp: 173229
 Ion Ratio Lower Upper
 169 100
 168 68.8 53.6 80.4
 167 36.9 29.9 44.9



#66
 4-Bromophenyl-phenylether
 Concen: 44.61 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.03 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

Tgt Ion:248 Resp: 63694
 Ion Ratio Lower Upper
 248 100
 250 100.2 78.2 117.4
 141 53.9 31.9 47.9#

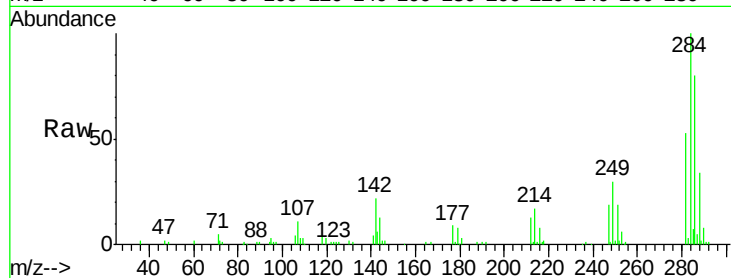




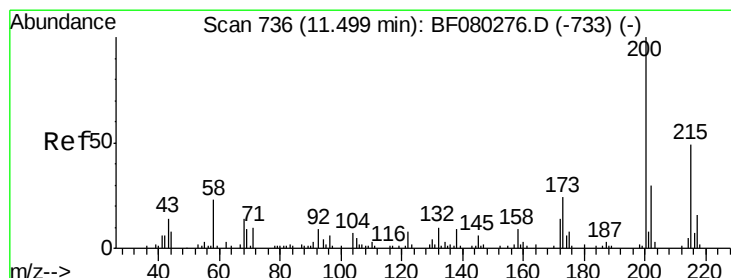
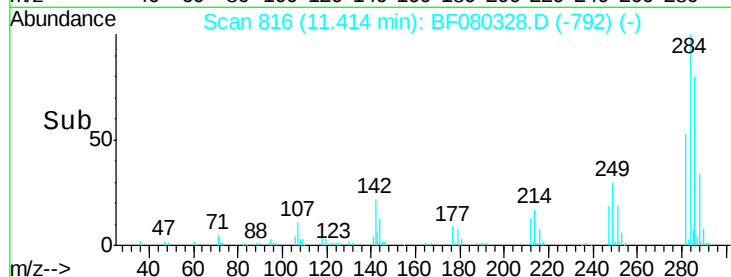
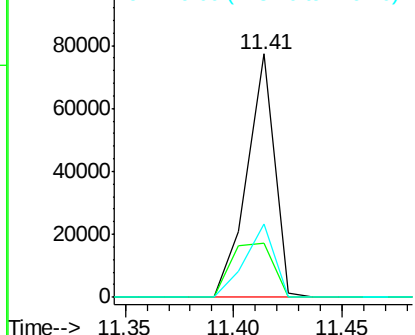
#67
Hexachlorobenzene
Concen: 44.52 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

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

Tgt Ion:284 Resp: 68139
Ion Ratio Lower Upper
284 100
142 22.1 12.5 18.7#
249 30.0 22.4 33.6

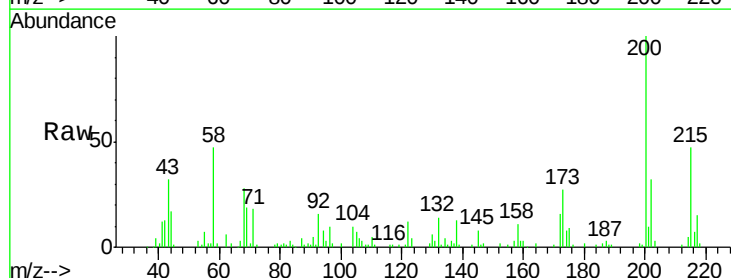


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

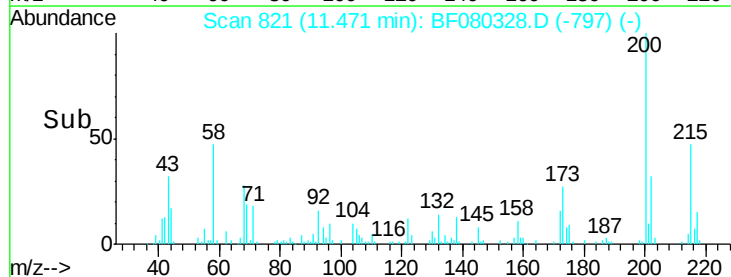
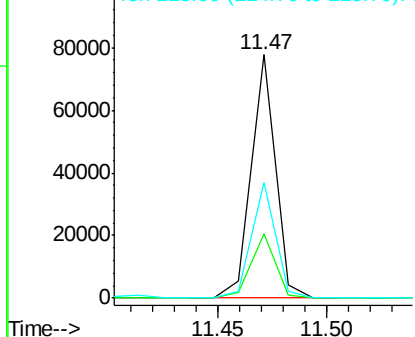


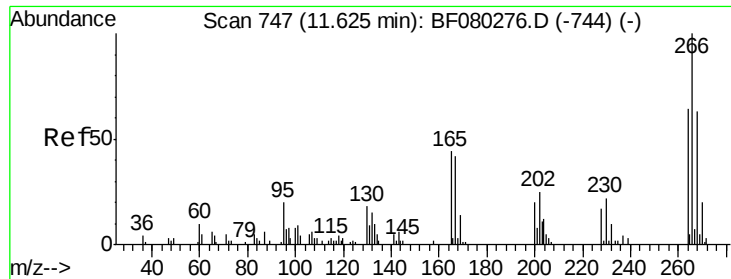
#68
Atrazine
Concen: 45.61 ng
RT: 11.47 min Scan# 821
Delta R.T. -0.03 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

Tgt Ion:200 Resp: 59867
Ion Ratio Lower Upper
200 100
173 26.7 3.5 43.5
215 47.2 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

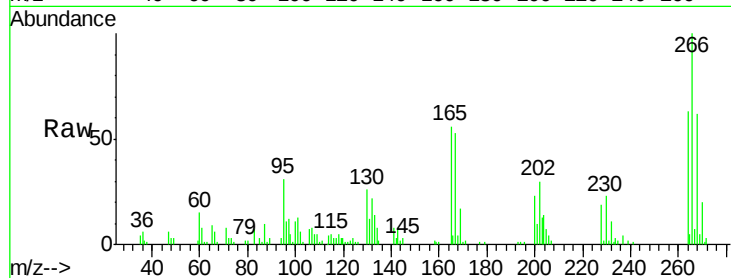




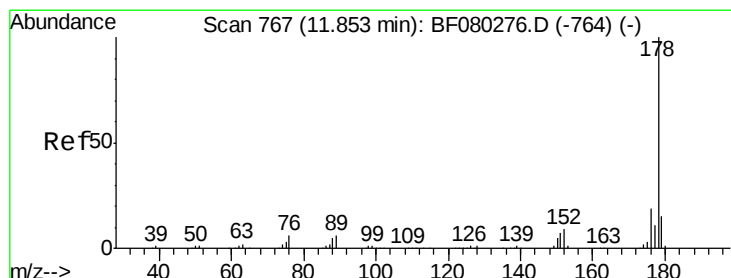
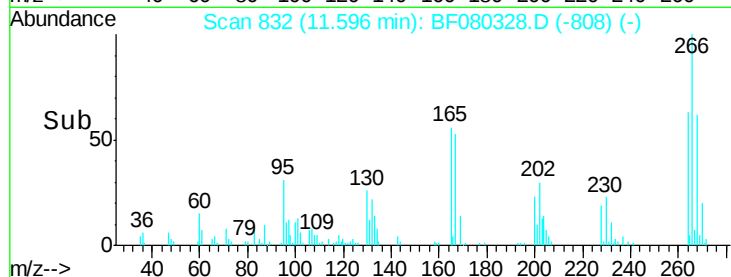
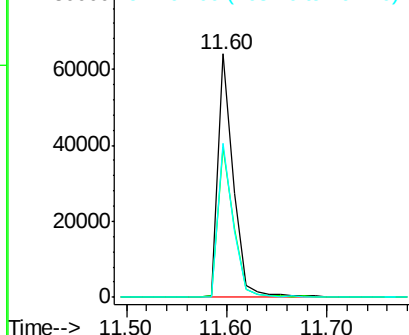
#69
 Pentachlorophenol
 Concen: 81.63 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.03 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

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

Tgt Ion:266 Resp: 67912
 Ion Ratio Lower Upper
 266 100
 268 61.8 50.7 76.1
 264 63.2 51.3 76.9

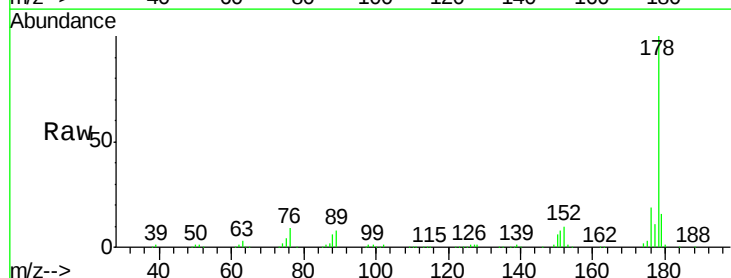


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

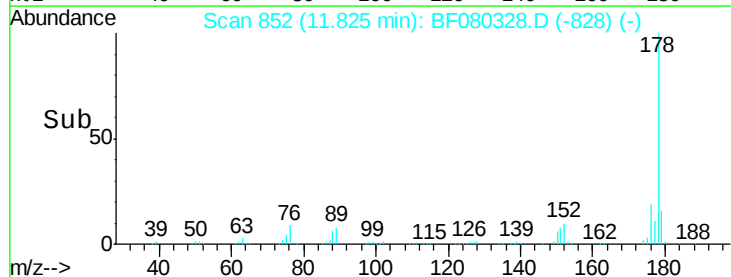
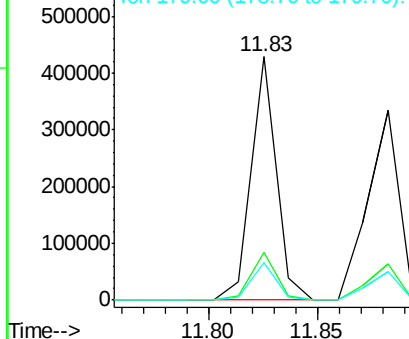


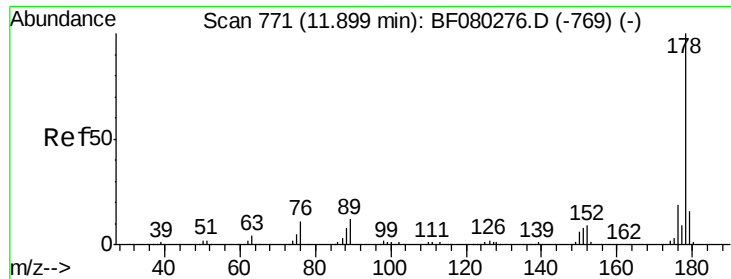
#70
 Phenanthrene
 Concen: 43.40 ng
 RT: 11.83 min Scan# 852
 Delta R.T. -0.03 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

Tgt Ion:178 Resp: 343594
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.6 23.4
 179 15.5 12.2 18.2



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

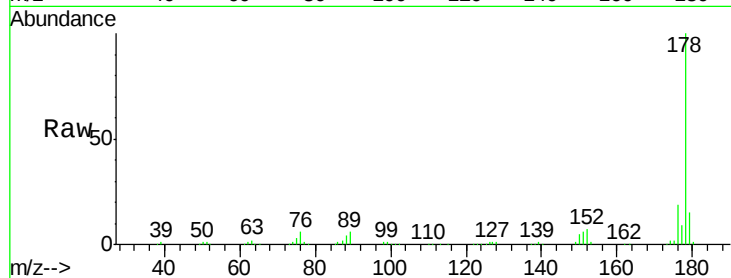




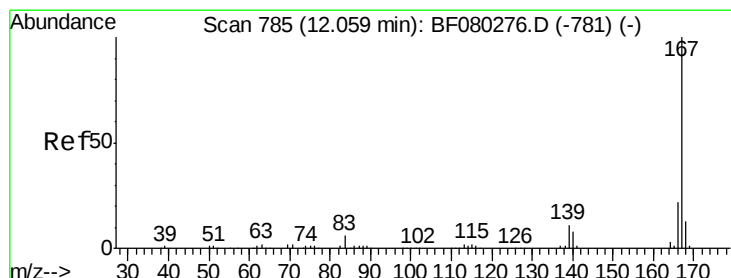
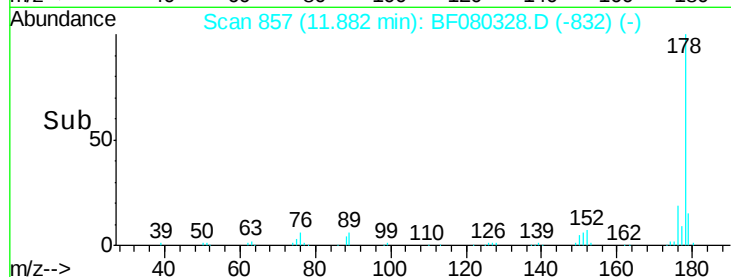
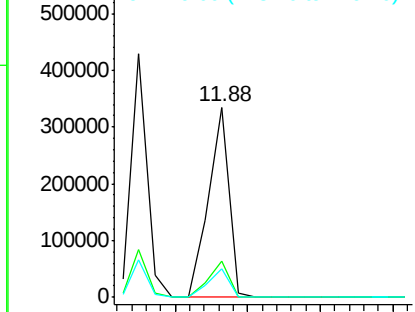
#71
 Anthracene
 Concen: 43.47 ng
 RT: 11.88 min Scan# 857
 Delta R.T. -0.02 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

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

Tgt Ion:178 Resp: 330144
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.2 22.8
 179 15.2 12.6 18.8

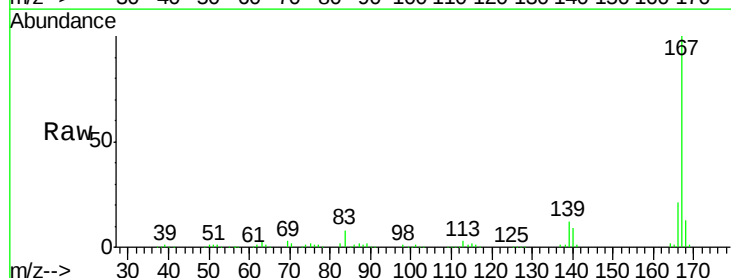


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

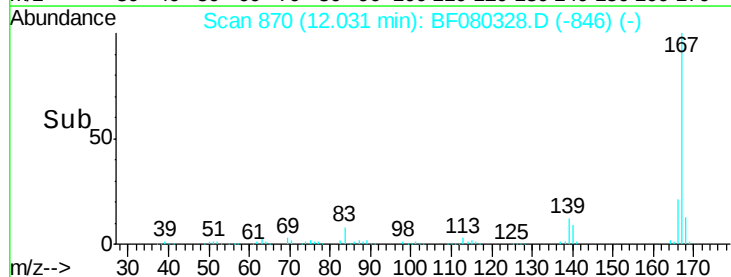
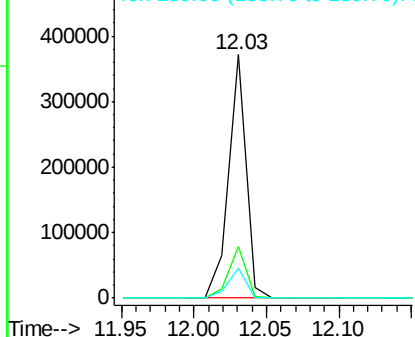


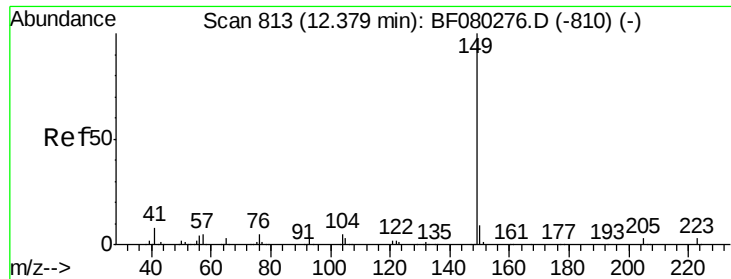
#72
 Carbazole
 Concen: 43.80 ng
 RT: 12.03 min Scan# 870
 Delta R.T. -0.03 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

Tgt Ion:167 Resp: 311055
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.3 25.9
 139 12.4 8.6 13.0



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

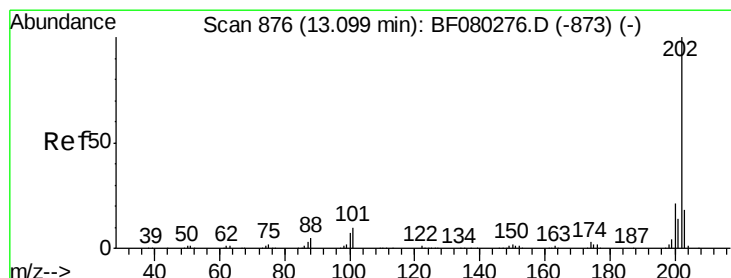
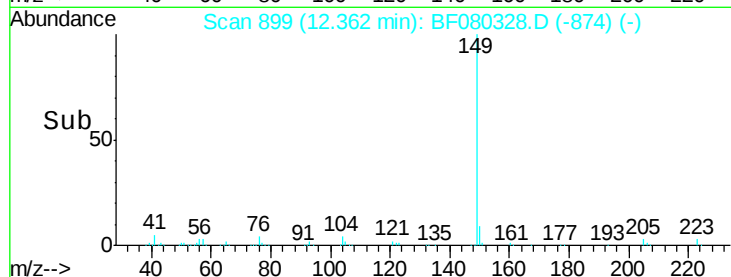
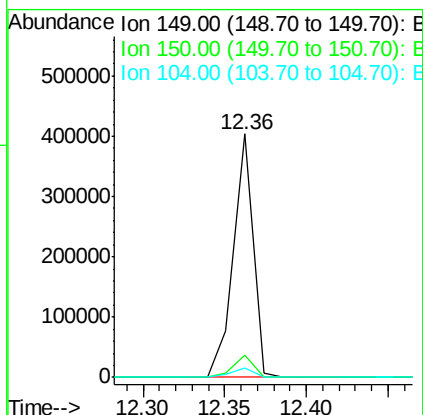
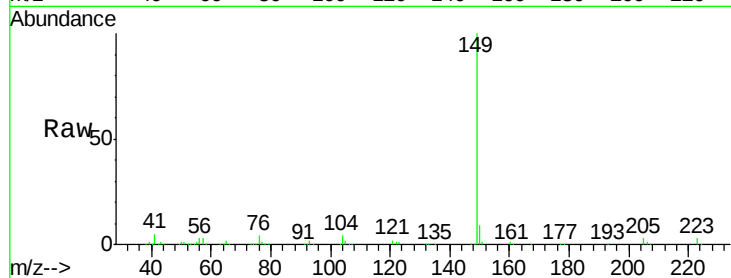




#73
Di-n-butylphthalate
Concen: 44.15 ng
RT: 12.36 min Scan# 899
Delta R.T. -0.02 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

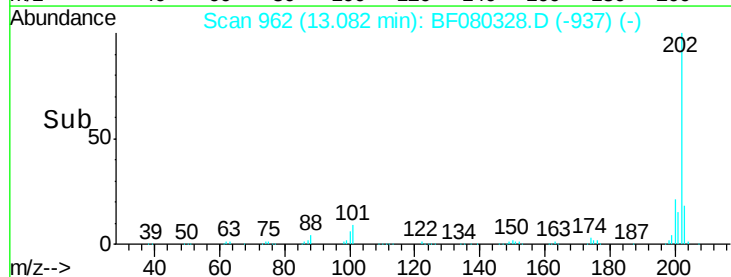
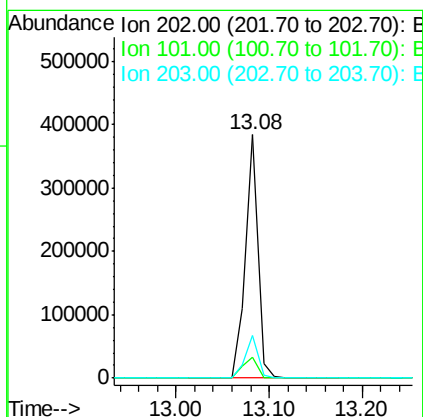
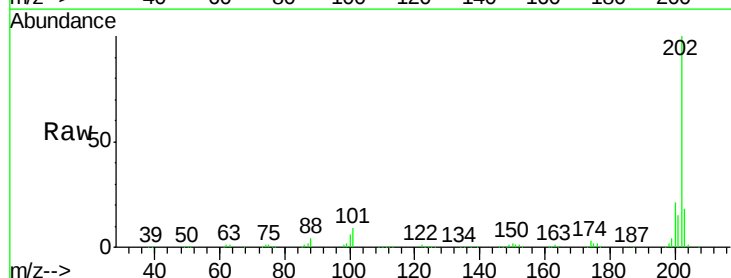
Instrument :
BNA_F
ClientSampleId :
IDOC-04-S-UM

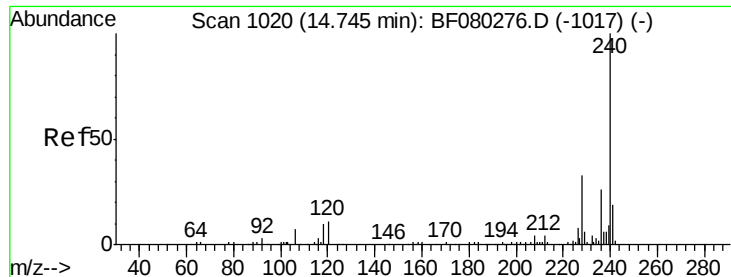
Tgt Ion:149 Resp: 336432
Ion Ratio Lower Upper
149 100
150 8.9 7.4 11.0
104 4.0 3.7 5.5



#74
Fluoranthene
Concen: 43.94 ng
RT: 13.08 min Scan# 962
Delta R.T. -0.02 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

Tgt Ion:202 Resp: 359323
Ion Ratio Lower Upper
202 100
101 8.5 0.0 30.4
203 17.7 0.0 37.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.75 min Scan# 1108

Delta R.T. 0.01 min

Lab File: BF080328.D

Acq: 3 Jul 2015 7:04

Instrument :

BNA_F

ClientSampleId :

IDOC-04-S-UM

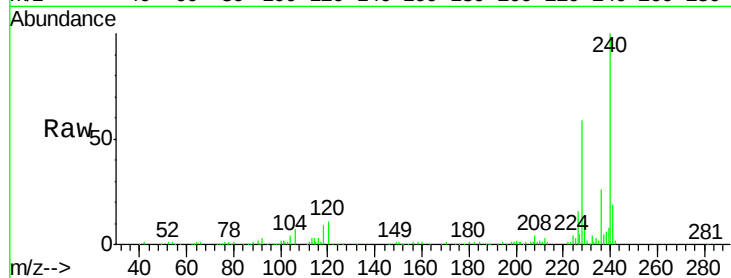
Tgt Ion:240 Resp: 139526

Ion Ratio Lower Upper

240 100

120 11.1 8.7 13.1

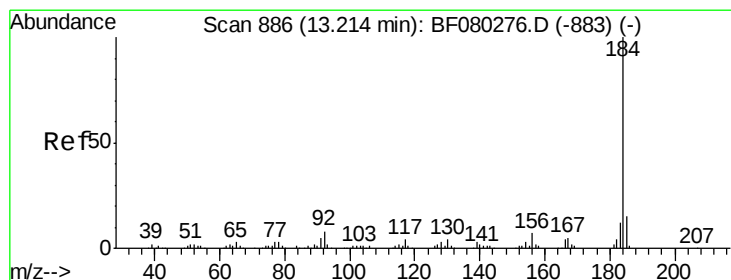
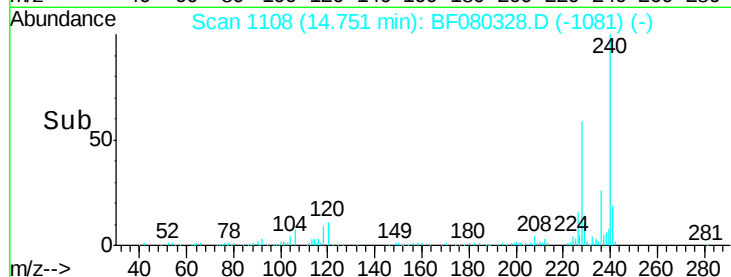
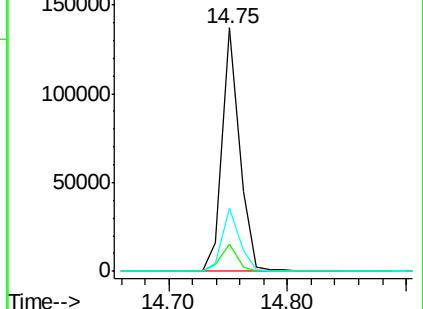
236 25.9 20.9 31.3



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



#76

Benzidine

Concen: 37.23 ng

RT: 13.20 min Scan# 972

Delta R.T. -0.02 min

Lab File: BF080328.D

Acq: 3 Jul 2015 7:04

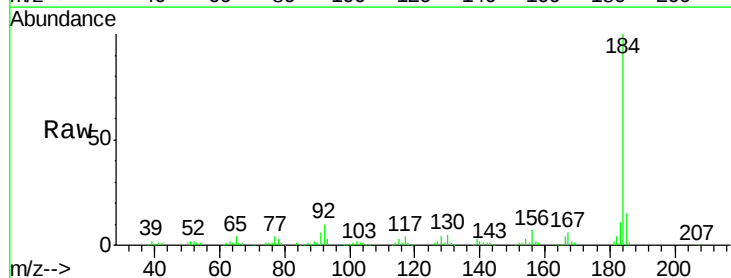
Tgt Ion:184 Resp: 152122

Ion Ratio Lower Upper

184 100

185 14.6 11.8 17.6

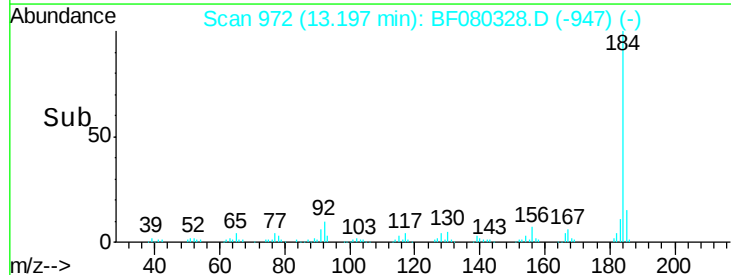
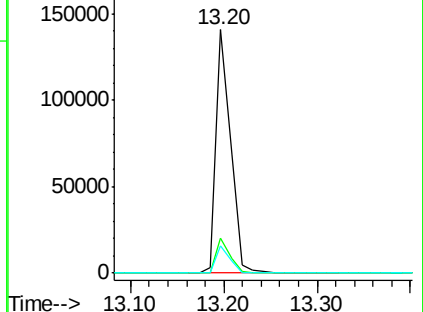
183 11.1 9.4 14.0

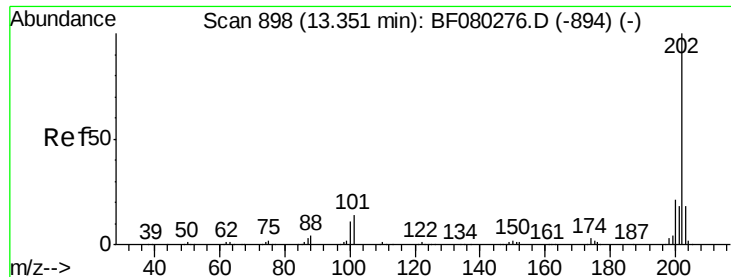


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

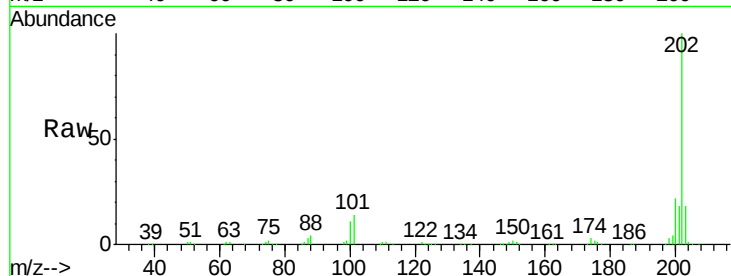




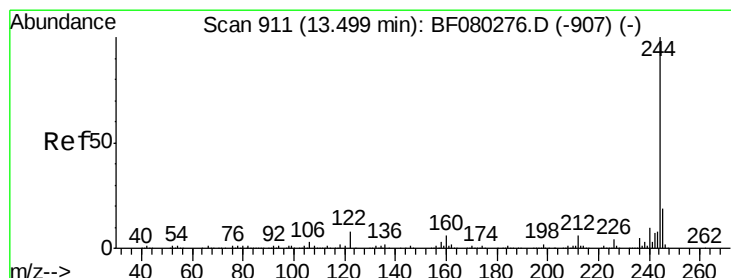
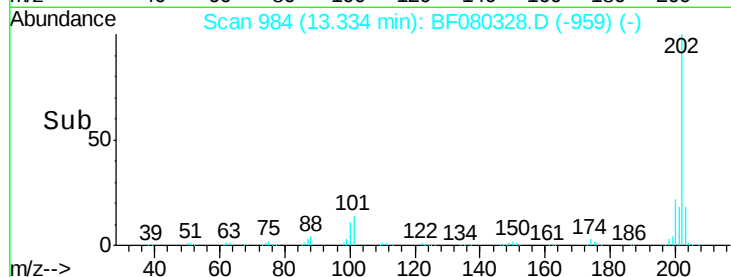
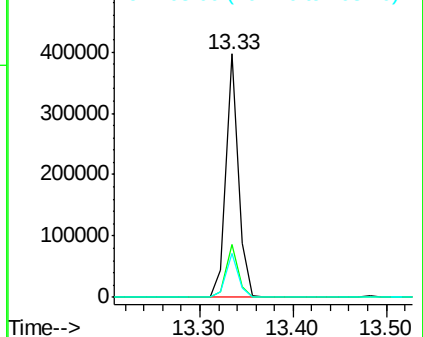
#77
 Pyrene
 Concen: 41.36 ng
 RT: 13.33 min Scan# 984
 Delta R.T. -0.02 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

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

Tgt Ion: 202 Resp: 369392
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.0 25.6
 203 18.1 14.0 21.0

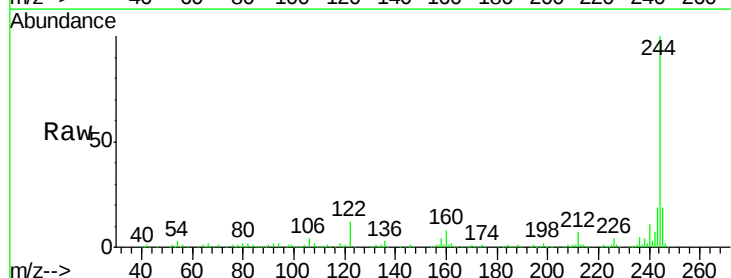


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

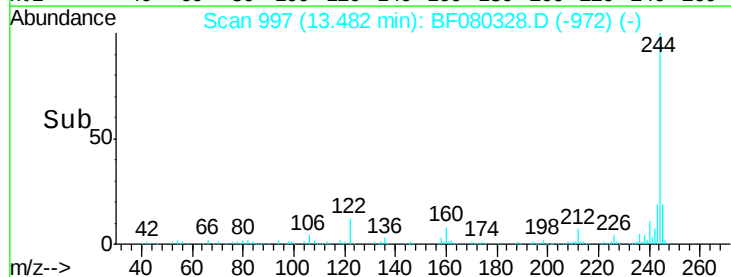
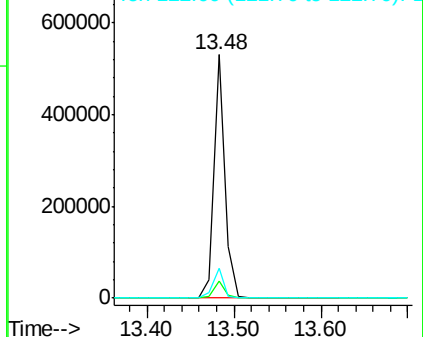


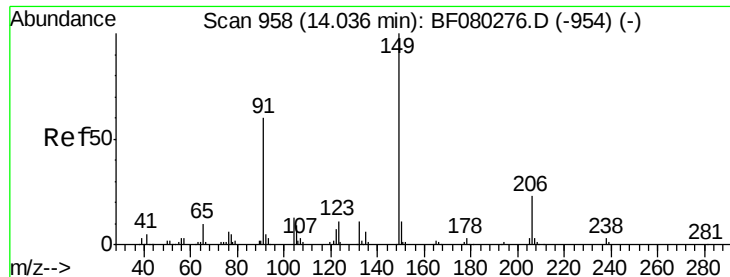
#78
 Terphenyl-d14
 Concen: 79.61 ng
 RT: 13.48 min Scan# 997
 Delta R.T. -0.02 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

Tgt Ion: 244 Resp: 474209
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.0 7.6
 122 12.2 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

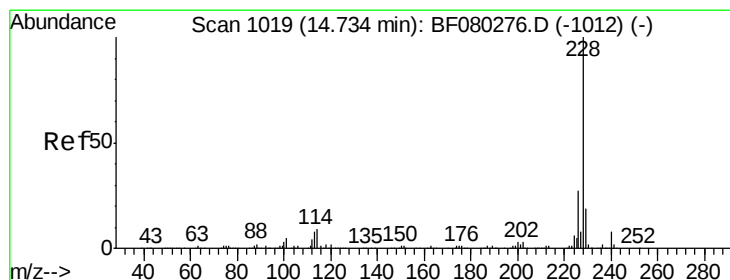
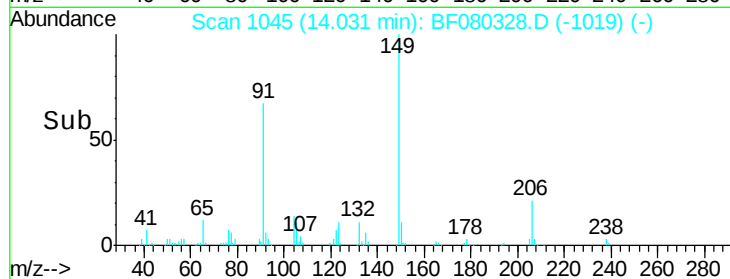
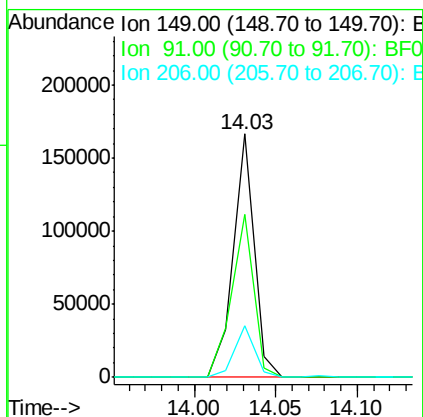
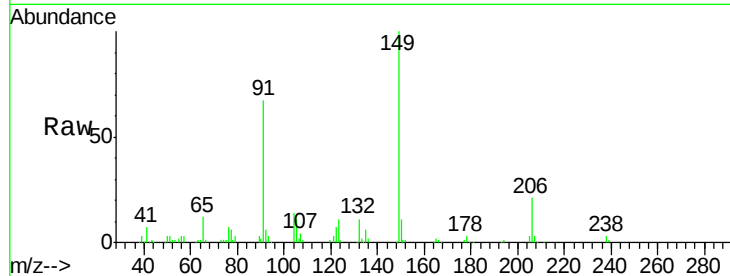




#79
Butylbenzylphthalate
Concen: 42.76 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

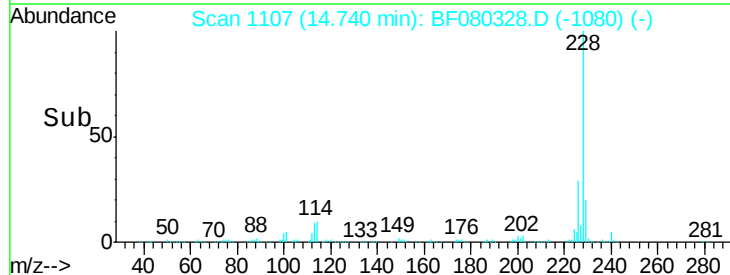
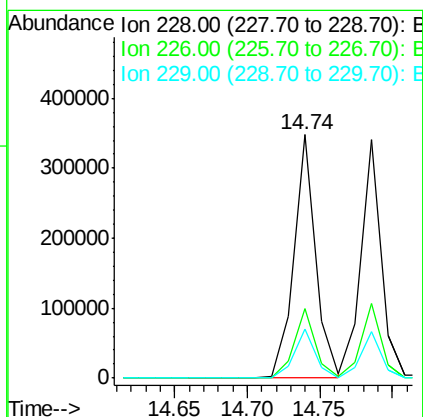
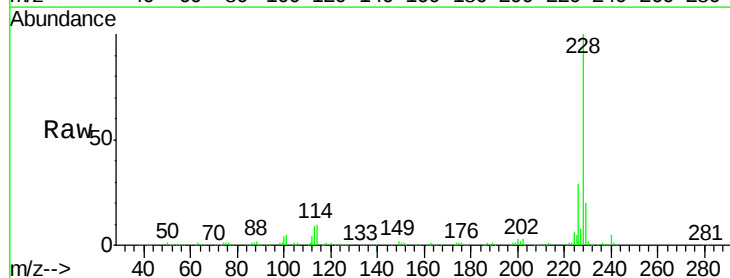
Instrument :
BNA_F
ClientSampleId :
IDOC-04-S-UM

Tgt Ion:149 Resp: 146421
Ion Ratio Lower Upper
149 100
91 66.7 48.1 72.1
206 21.0 18.1 27.1



#80
Benzo(a)anthracene
Concen: 42.60 ng
RT: 14.74 min Scan# 1107
Delta R.T. 0.01 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

Tgt Ion:228 Resp: 359167
Ion Ratio Lower Upper
228 100
226 28.8 21.7 32.5
229 20.1 15.5 23.3

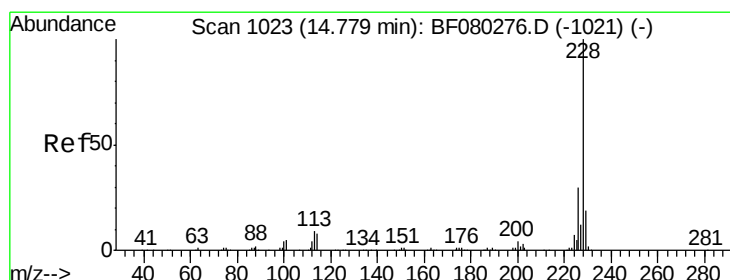
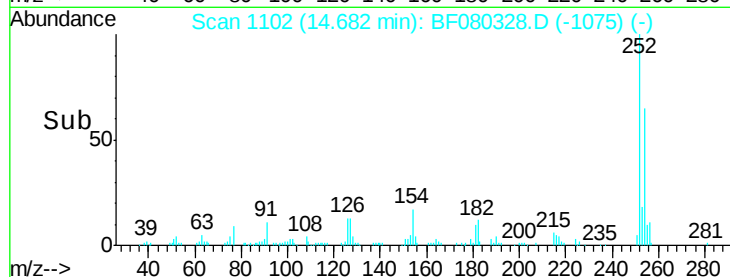
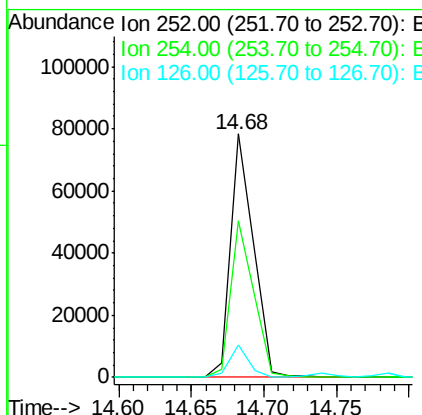
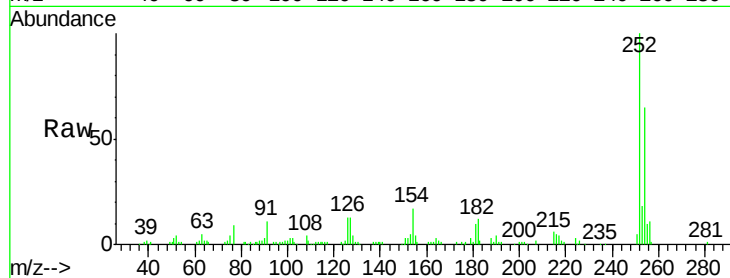




#81
 3,3'-Dichlorobenzidine
 Concen: 31.30 ng
 RT: 14.68 min Scan# 1102
 Delta R.T. 0.01 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

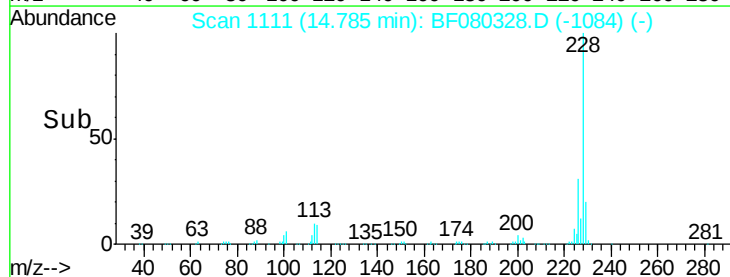
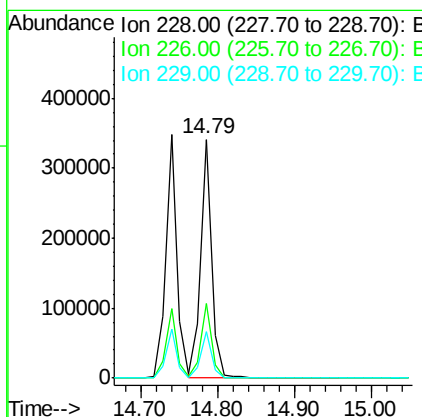
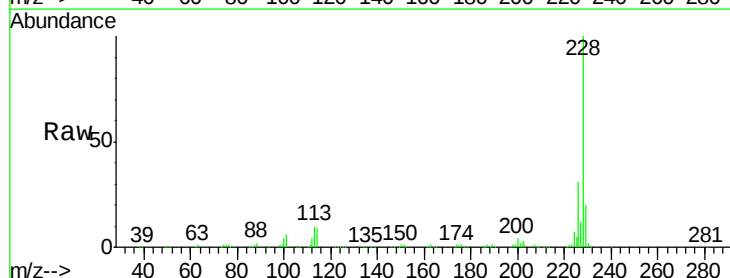
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04-S-UM

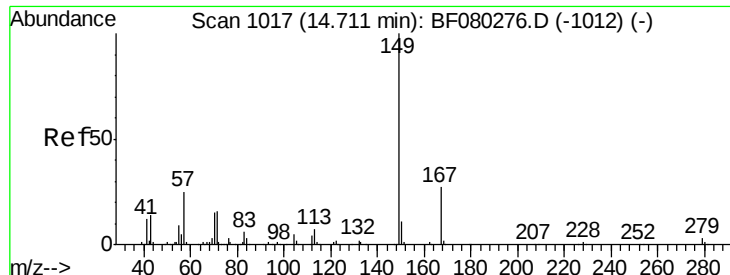
Tgt Ion:252 Resp: 86147
 Ion Ratio Lower Upper
 252 100
 254 64.5 50.8 76.2
 126 13.3 9.0 13.6



#82
 Chrysene
 Concen: 43.70 ng
 RT: 14.79 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

Tgt Ion:228 Resp: 339717
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.0 36.0
 229 19.7 15.4 23.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.63 ng

RT: 14.72 min Scan# 1105

Delta R.T. 0.01 min

Lab File: BF080328.D

Acq: 3 Jul 2015 7:04

Instrument :

BNA_F

ClientSampleId :

IDOC-04-S-UM

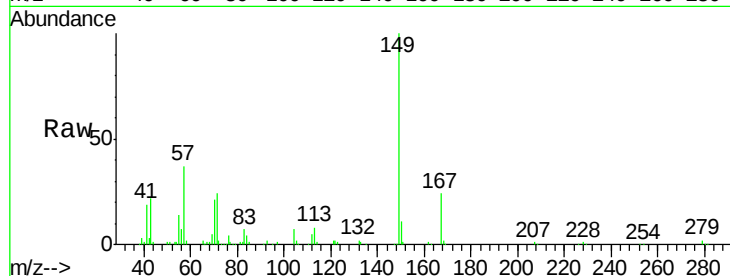
Tgt Ion:149 Resp: 210291

Ion Ratio Lower Upper

149 100

167 24.4 21.7 32.5

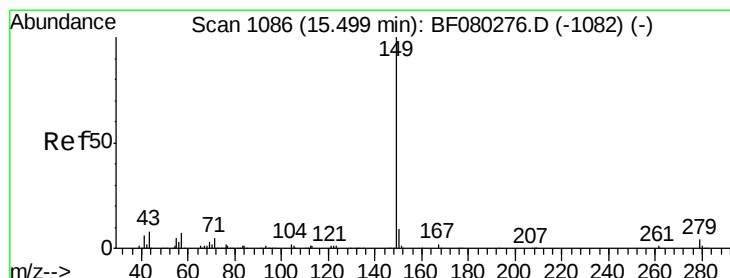
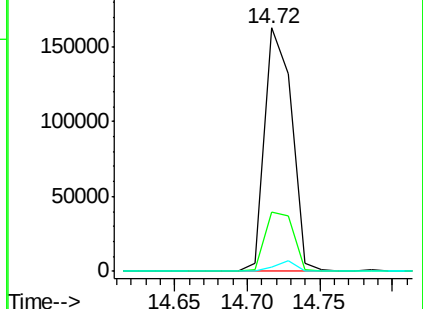
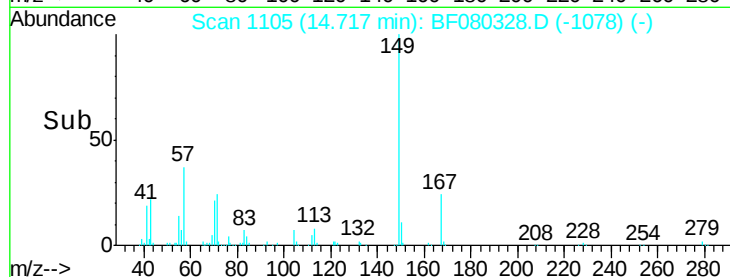
279 1.9 2.7 4.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.76 ng

RT: 15.53 min Scan# 1176

Delta R.T. 0.03 min

Lab File: BF080328.D

Acq: 3 Jul 2015 7:04

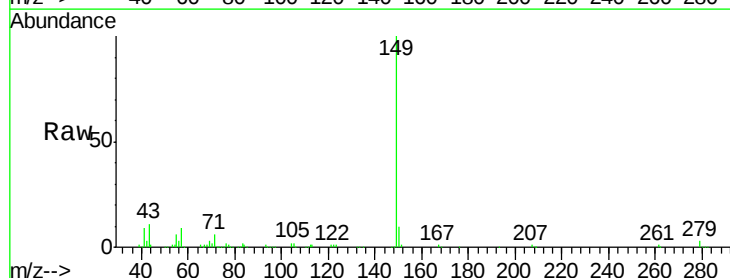
Tgt Ion:149 Resp: 347312

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

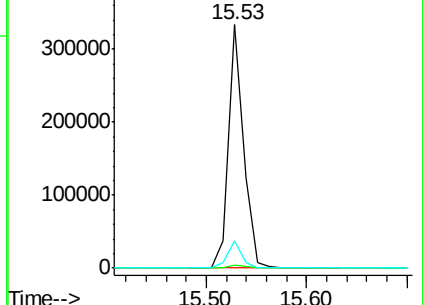
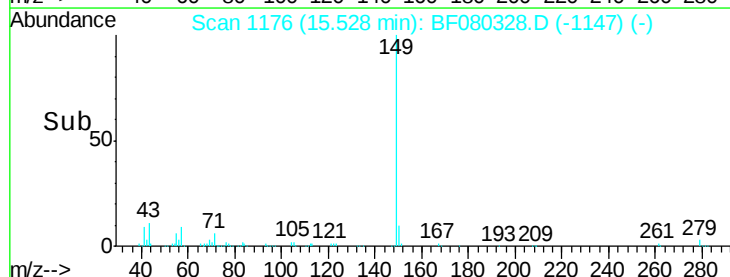
43 10.9 8.3 12.5

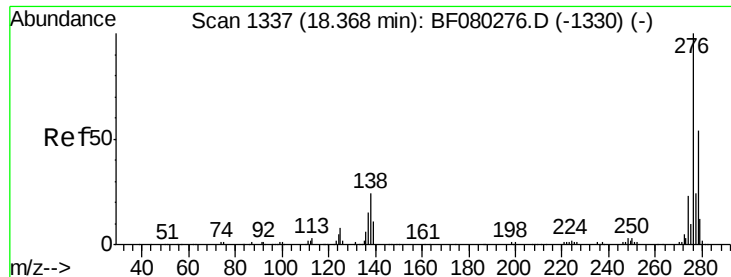


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

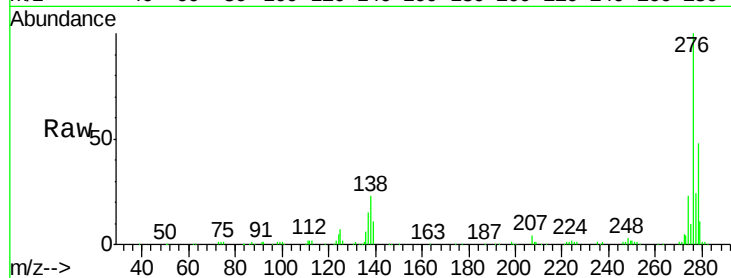




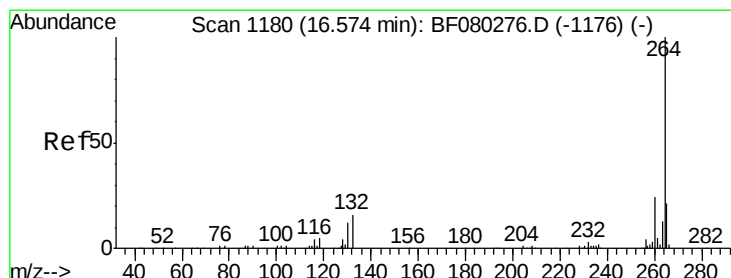
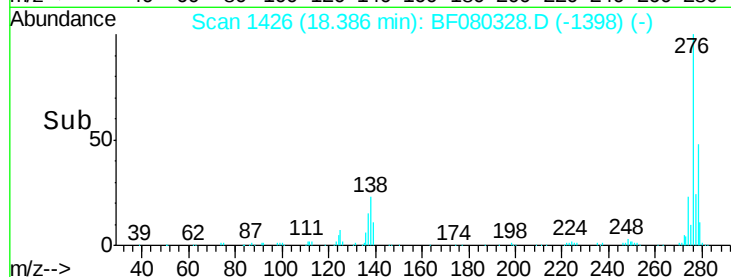
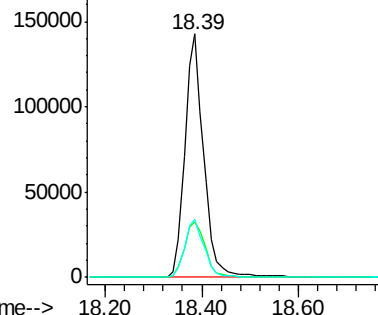
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.91 ng
 RT: 18.39 min Scan# 1426
 Delta R.T. 0.02 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

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

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.0	21.0	31.6
277	24.6	19.4	29.0

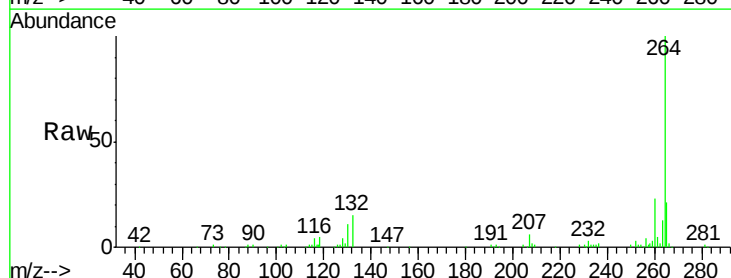


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

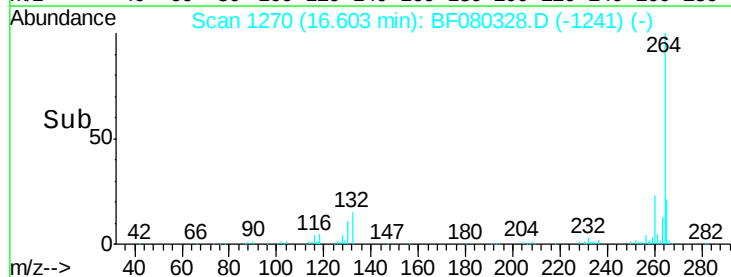
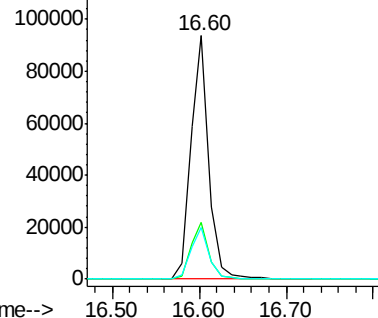


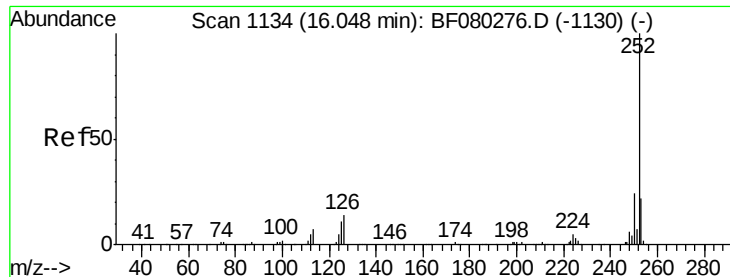
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.60 min Scan# 1270
 Delta R.T. 0.03 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.4	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

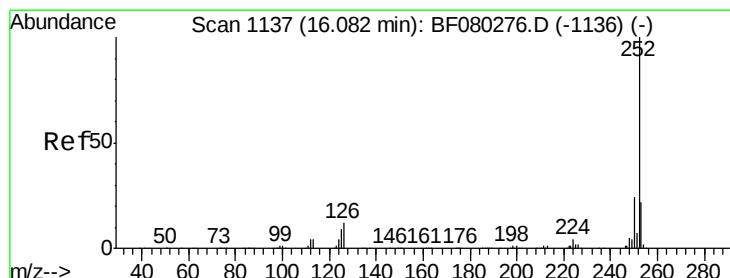
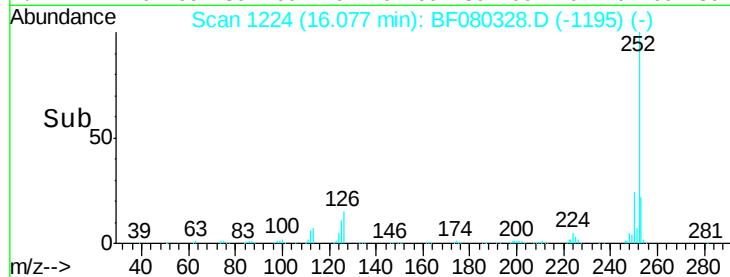
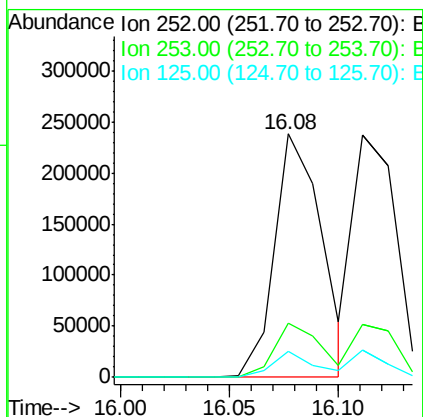
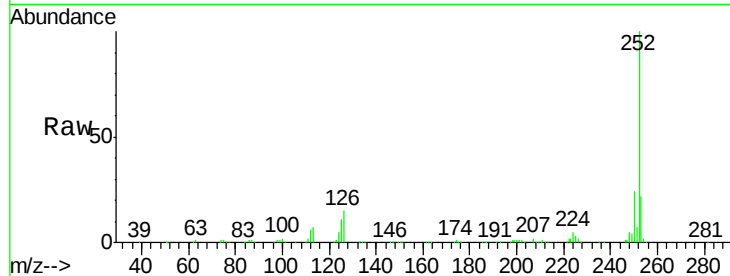




#87
Benzo(b)fluoranthene
Concen: 42.75 ng
RT: 16.08 min Scan# 1224
Delta R.T. 0.03 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

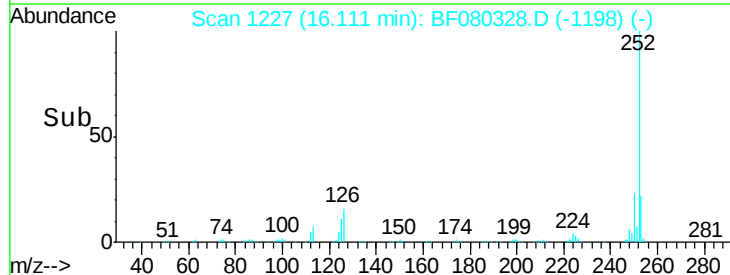
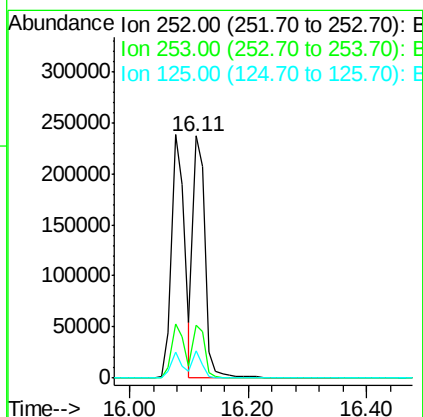
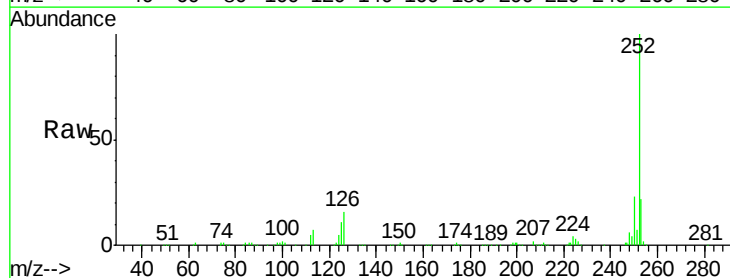
Instrument :
BNA_F
ClientSampleId :
IDOC-04-S-UM

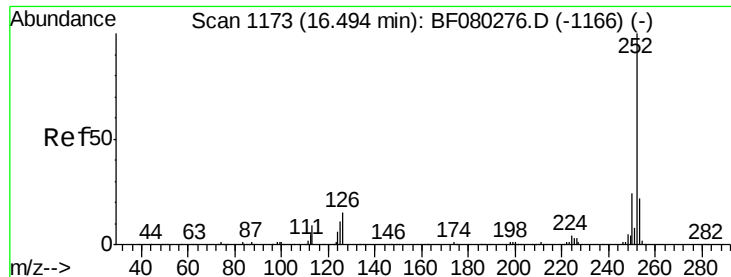
Tgt Ion:252 Resp: 361909
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 10.5 8.6 12.8



#88
Benzo(k)fluoranthene
Concen: 42.57 ng
RT: 16.11 min Scan# 1227
Delta R.T. 0.03 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

Tgt Ion:252 Resp: 339385
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 11.2 8.4 12.6





#89

Benzo(a)pyrene

Concen: 44.47 ng

RT: 16.52 min Scan# 1263

Delta R.T. 0.03 min

Lab File: BF080328.D

Acq: 3 Jul 2015 7:04

Instrument :

BNA_F

ClientSampleId :

IDOC-04-S-UM

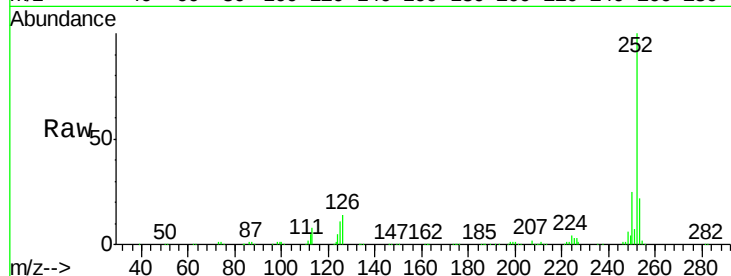
Tgt Ion: 252 Resp: 343065

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

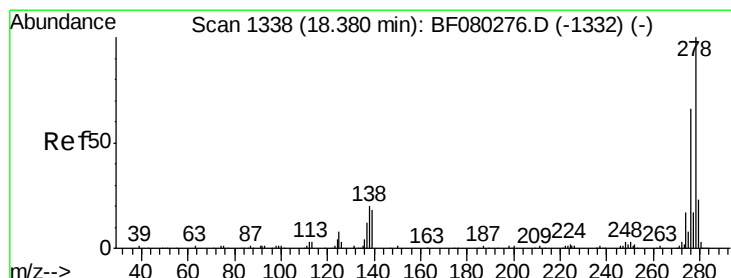
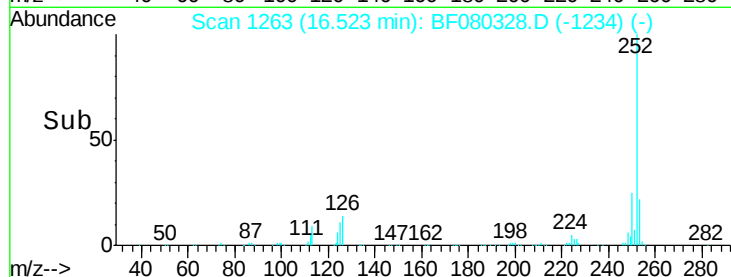
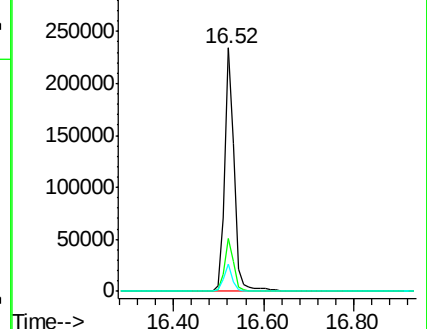
125 11.1 9.0 13.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.81 ng

RT: 18.41 min Scan# 1428

Delta R.T. 0.03 min

Lab File: BF080328.D

Acq: 3 Jul 2015 7:04

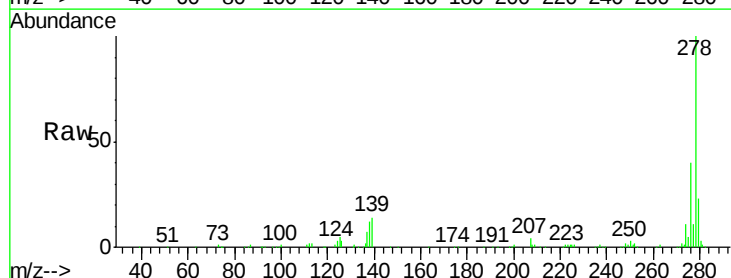
Tgt Ion: 278 Resp: 331549

Ion Ratio Lower Upper

278 100

139 13.8 14.6 21.8#

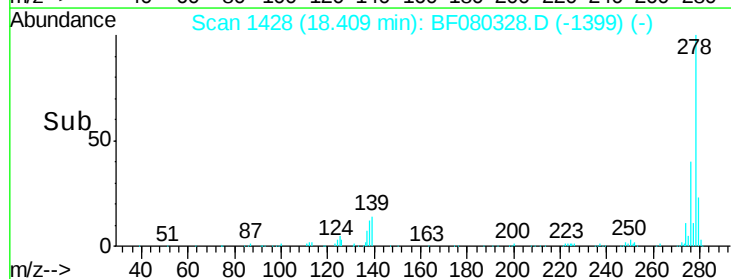
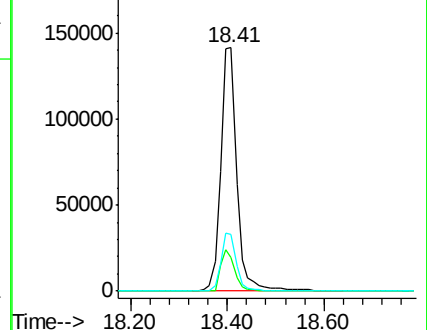
279 23.3 18.7 28.1

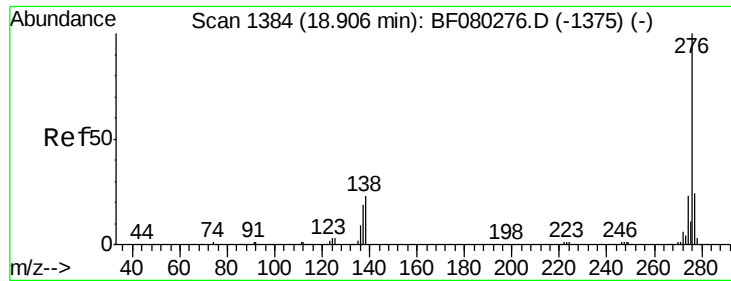


Abundance Ion 278.00 (277.70 to 278.70): E

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: 44.12 ng

RT: 18.92 min Scan# 1473

Delta R.T. 0.02 min

Lab File: BF080328.D

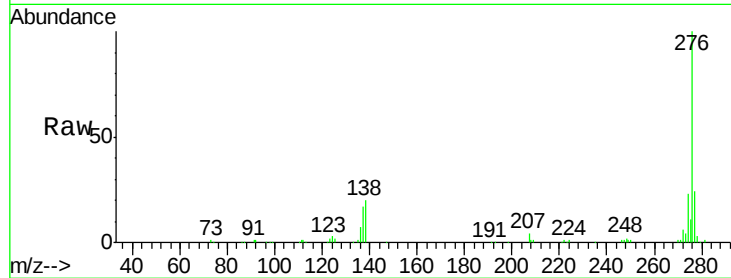
Acq: 3 Jul 2015 7:04

Instrument :

BNA_F

ClientSampleId :

IDOC-04-S-UM



Tgt Ion:	276	Resp:	333202
Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.6
138	19.5	18.1	27.1

