

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

Manual Integrations
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 7/6/2015 3:41:05 PM

Quant Time: Jul 03 08:45:04 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 03 08:40:40 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	0.00
21) Naphthalene-d8	8.53	136	126533	20.00	ng	0.00
38) Acenaphthene-d10	10.30	164	63664	20.00	ng	0.00
63) Phenanthrene-d10	11.80	188	132118	20.00	ng	0.00
75) Chrysene-d12	14.75	240	139526	20.00	ng	0.03
86) Perylene-d12	16.60	264	134019	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.85	112	169635	90.15	ng	0.00
7) Phenol-d6	6.84	99	212366	83.66	ng	0.00
23) Nitrobenzene-d5	7.80	82	196249	86.31	ng	0.00
41) 2,4,6-Tribromophenol	11.09	330	58592	95.55	ng	0.00
44) 2-Fluorobiphenyl	9.61	172	420597	94.14	ng	0.00
78) Terphenyl-d14	13.48	244	474209	80.22	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.06	88	29190	86.31	ng	# 100
3) Pyridine	3.89	79	99683	43.01	ng	96
4) n-Nitrosodimethylamine	3.80	42	46820	44.94	ng	96
6) Aniline	6.90	93	105418	31.04	ng	91
8) 2-Chlorophenol	7.02	128	97836	46.60	ng	95
9) Benzaldehyde	6.78	77	43665	31.52	ng	95
10) Phenol	6.86	94	112331	40.53	ng	85
11) bis(2-Chloroethyl)ether	6.96	93	86958	41.43	ng	94
12) 1,3-Dichlorobenzene	7.18	146	110132	43.07	ng	98
13) 1,4-Dichlorobenzene	7.26	146	102963m	40.88	ng	
14) 1,2-Dichlorobenzene	7.41	146	106976	42.59	ng	98
15) Benzyl Alcohol	7.37	79	83328	42.77	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.50	45	140776	43.46	ng	99
17) 2-Methylphenol	7.48	107	74177	41.79	ng	# 94
18) Hexachloroethane	7.77	117	33023	42.11	ng	# 61
19) n-Nitroso-di-n-propylamine	7.63	70	64504	38.69	ng	89
20) 3+4-Methylphenols	7.63	107	102655	43.23	ng	89
22) Acetophenone	7.64	105	141236	48.14	ng	# 94
24) Nitrobenzene	7.81	77	98868	42.36	ng	93
25) Isophorone	8.05	82	188563	42.91	ng	95
26) 2-Nitrophenol	8.14	139	43215	42.68	ng	# 75
27) 2,4-Dimethylphenol	8.17	122	86014	45.65	ng	92
28) bis(2-Chloroethoxy)methane	8.26	93	117881	44.28	ng	99
29) 2,4-Dichlorophenol	8.38	162	78645	45.48	ng	89
30) 1,2,4-Trichlorobenzene	8.48	180	81461	40.19	ng	# 93
31) Naphthalene	8.56	128	285573	44.38	ng	99
32) Benzoic acid	8.24	122	30326	65.45	ng	90
33) 4-Chloroaniline	8.59	127	73774m	27.29	ng	
34) Hexachlorobutadiene	8.67	225	51878	40.69	ng	98
35) Caprolactam	8.93	113	24016	45.15	ng	# 77
36) 4-Chloro-3-methylphenol	9.06	107	81536	43.47	ng	89
37) 2-Methylnaphthalene	9.24	142	180311	41.56	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.41	216	85549	40.79	ng	# 98
40) Hexachlorocyclopentadiene	9.40	237	73260	87.53	ng	96

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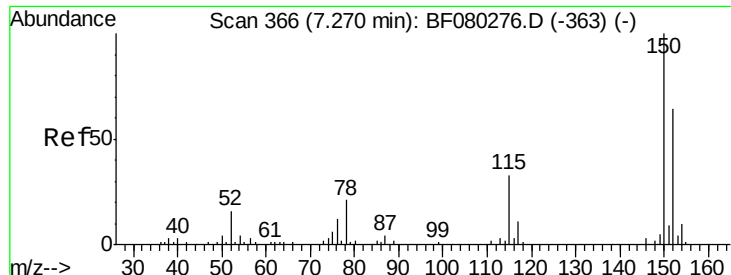
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.53	196	53668	40.46	ng	100
43) 2,4,5-Trichlorophenol	9.56	196	65875	44.96	ng #	93
45) 1,1'-Biphenyl	9.71	154	246006	45.14	ng	98
46) 2-Chloronaphthalene	9.74	162	173365	41.49	ng #	91
47) 2-Nitroaniline	9.82	65	57522	47.10	ng #	81
48) Acenaphthylene	10.16	152	288557	39.85	ng	99
49) Dimethylphthalate	10.00	163	218062	44.93	ng	99
50) 2,6-Dinitrotoluene	10.06	165	48060	47.65	ng #	73
51) Acenaphthene	10.34	154	188033	44.95	ng	86
52) 3-Nitroaniline	10.24	138	37756	32.67	ng	91
53) 2,4-Dinitrophenol	10.34	184	39772	93.87	ng #	44
54) Dibenzofuran	10.51	168	260602	43.87	ng	90
55) 4-Nitrophenol	10.38	139	83697	98.25	ng #	73
56) 2,4-Dinitrotoluene	10.48	165	58317	45.76	ng #	62
57) Fluorene	10.85	166	220345	44.51	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.62	232	51469	45.62	ng #	96
59) Diethylphthalate	10.70	149	227219	48.48	ng	94
60) 4-Chlorophenyl-phenylether	10.84	204	97542	44.15	ng #	79
61) 4-Nitroaniline	10.85	138	48450	41.52	ng	80
62) Azobenzene	10.99	77	196450	41.64	ng	93
64) 4,6-Dinitro-2-methylphenol	10.89	198	28554	48.41	ng #	47
65) n-Nitrosodiphenylamine	10.94	169	173229	40.41	ng	98
66) 4-Bromophenyl-phenylether	11.33	248	63694	44.69	ng #	92
67) Hexachlorobenzene	11.41	284	68139	44.48	ng #	92
68) Atrazine	11.47	200	59867	45.49	ng	97
69) Pentachlorophenol	11.60	266	67912	81.43	ng	98
70) Phenanthrene	11.83	178	343594	43.35	ng	100
71) Anthracene	11.88	178	330144	43.51	ng	99
72) Carbazole	12.03	167	311055	43.38	ng	98
73) Di-n-butylphthalate	12.36	149	336432	44.98	ng	99
74) Fluoranthene	13.08	202	359323	43.62	ng	98
76) Benzidine	13.20	184	152122	37.11	ng	99
77) Pyrene	13.33	202	369392	41.68	ng	99
79) Butylbenzylphthalate	14.03	149	146421	43.47	ng	93
80) Benzo(a)anthracene	14.74	228	359167	42.61	ng	97
81) 3,3'-Dichlorobenzidine	14.68	252	86147	31.30	ng	98
82) Chrysene	14.79	228	339717	43.79	ng	98
83) Bis(2-ethylhexyl)phthalate	14.72	149	210291	44.61	ng #	95
84) Di-n-octyl phthalate	15.53	149	347312	43.75	ng	99
85) Indeno(1,2,3-cd)pyrene	18.39	276	392145	43.76	ng	98
87) Benzo(b)fluoranthene	16.08	252	361909	43.55	ng	100
88) Benzo(k)fluoranthene	16.11	252	339385	41.77	ng	99
89) Benzo(a)pyrene	16.52	252	343065	44.46	ng	100
90) Dibenzo(a,h)anthracene	18.41	278	331549	45.03	ng #	95
91) Benzo(g,h,i)perylene	18.92	276	333202	43.59	ng	97

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



#1

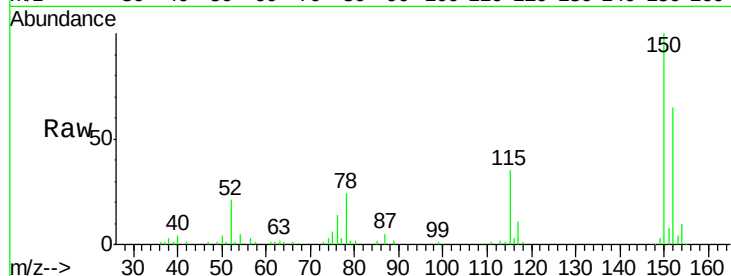
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

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

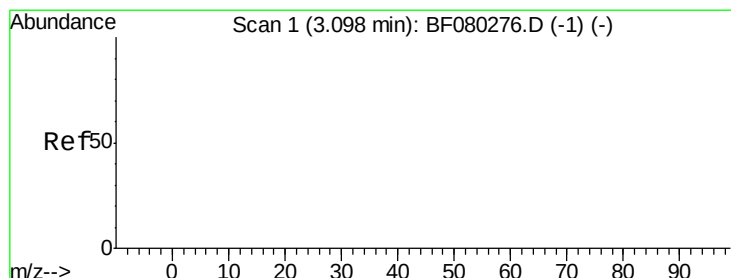
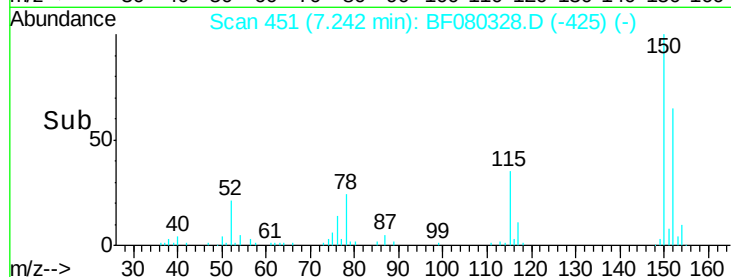
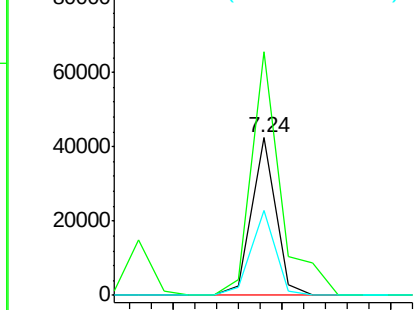
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.7	187.1
115	54.1	41.0	61.6

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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

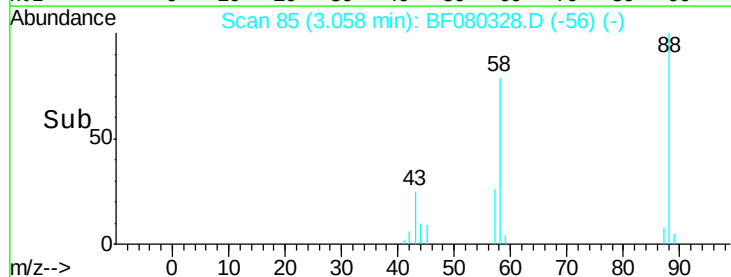
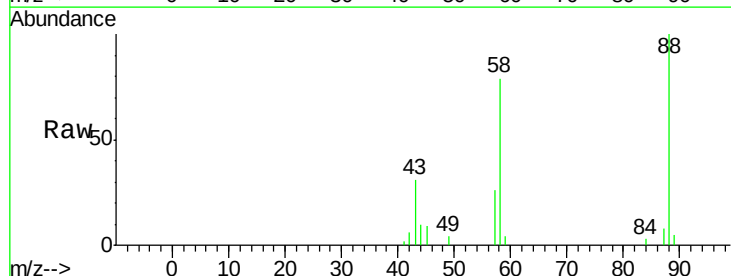
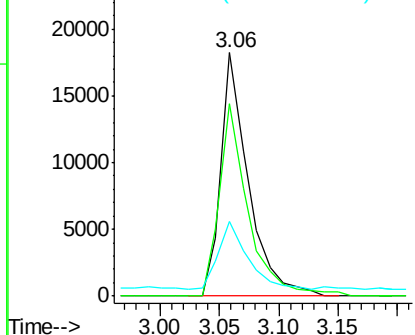


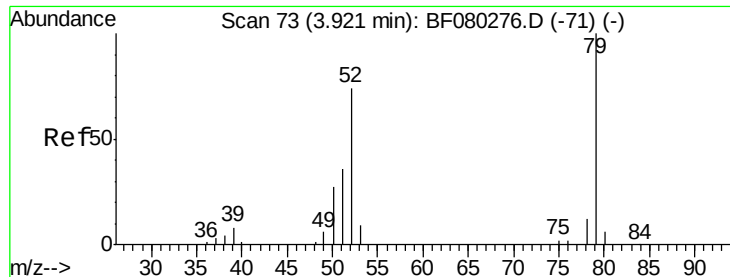
#2

1,4-Dioxane
Concen: 86.31 ng
RT: 3.06 min Scan# 85
Delta R.T. 0.03 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

Tgt 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: 43.01 ng

RT: 3.89 min Scan# 158

Delta R.T. 0.01 min

Lab File: BF080328.D

Acq: 3 Jul 2015 7:04

Instrument :

BNA_F

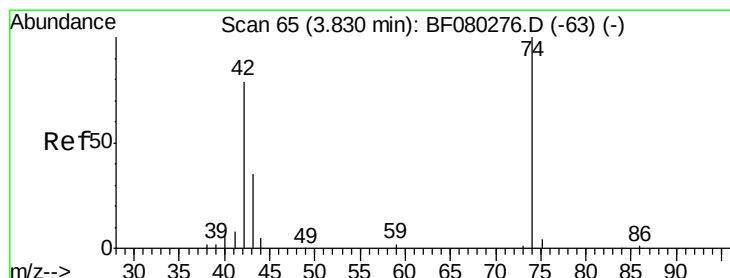
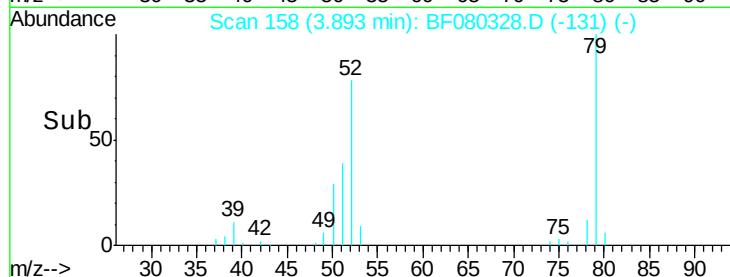
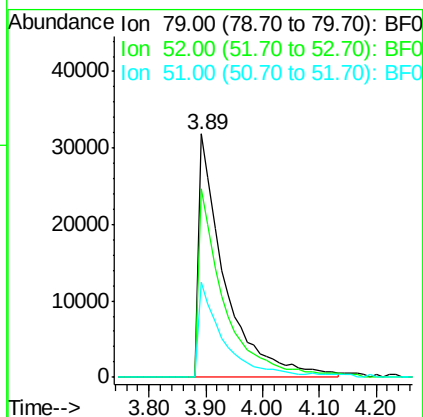
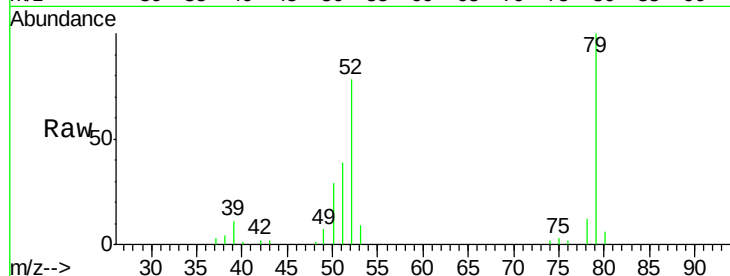
ClientSampleId :

IDOC-04-S-UM

Tgt Ion:	79	Resp:	99683
Ion	Ratio	Lower	Upper
79	100		
52	77.5	59.3	88.9
51	39.1	29.0	43.6

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#4

n-Nitrosodimethylamine

Concen: 44.94 ng

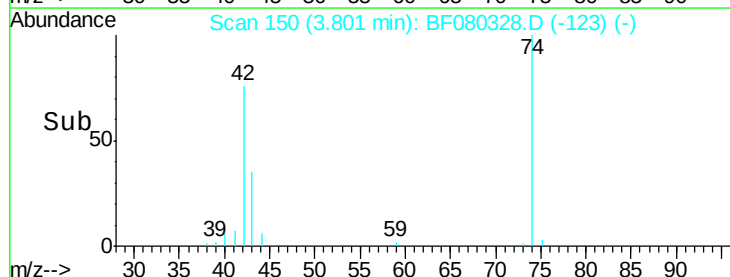
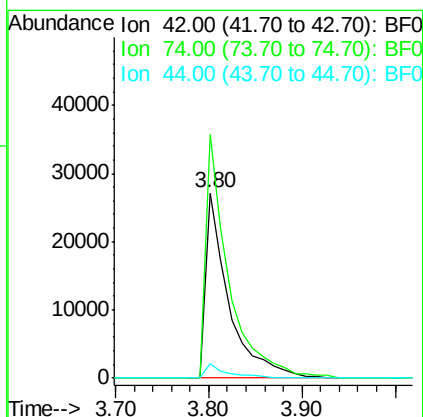
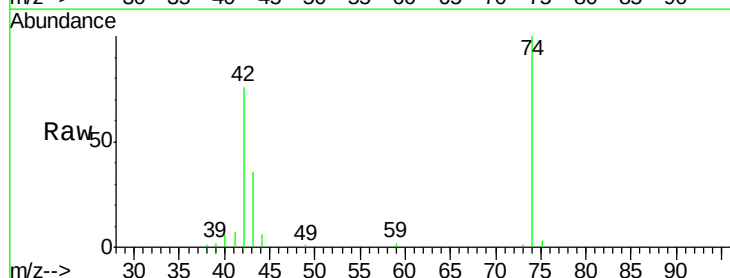
RT: 3.80 min Scan# 150

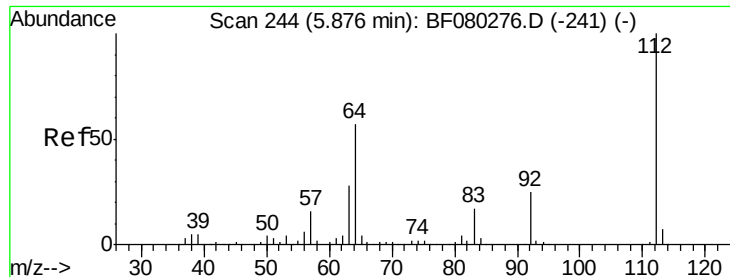
Delta R.T. 0.01 min

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





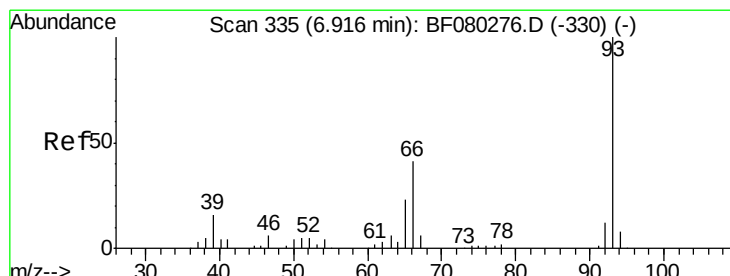
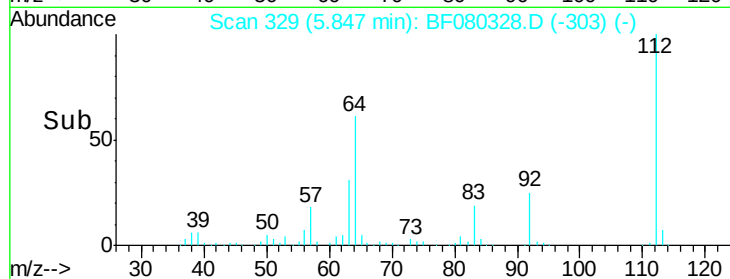
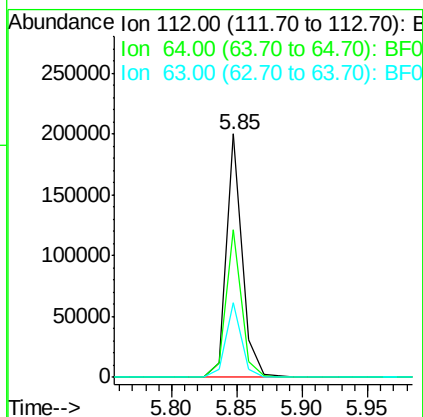
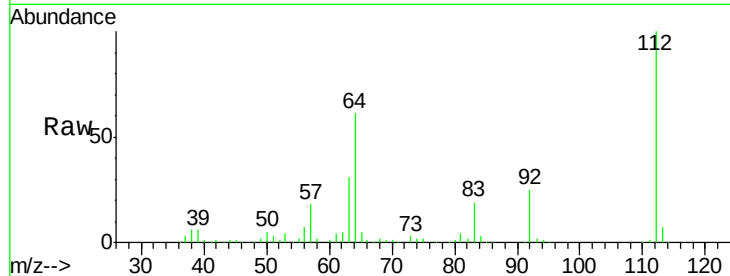
#5
2-Fluorophenol
Concen: 90.15 ng
RT: 5.85 min Scan# 329
Delta R.T. 0.00 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

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

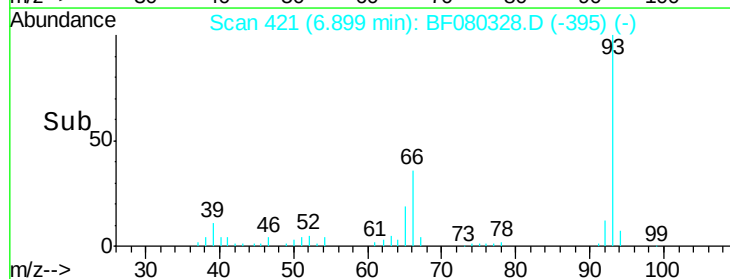
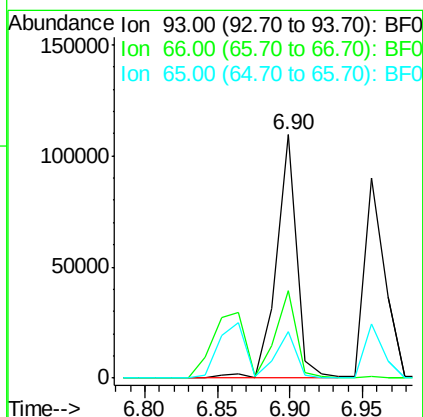
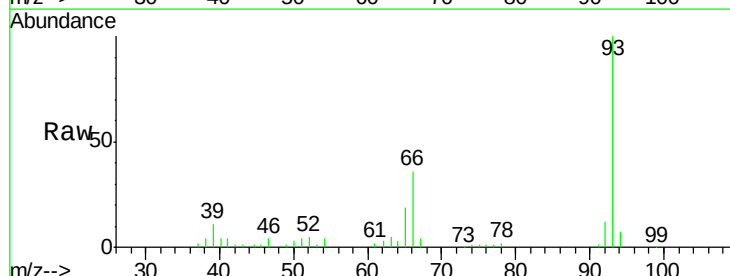
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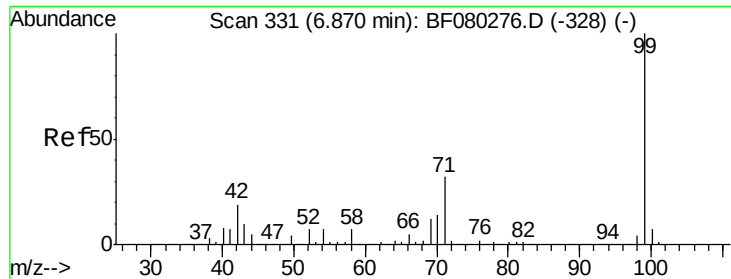
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#6
Aniline
Concen: 31.04 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

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





#7

Phenol-d6

Concen: 83.66 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF080328.D

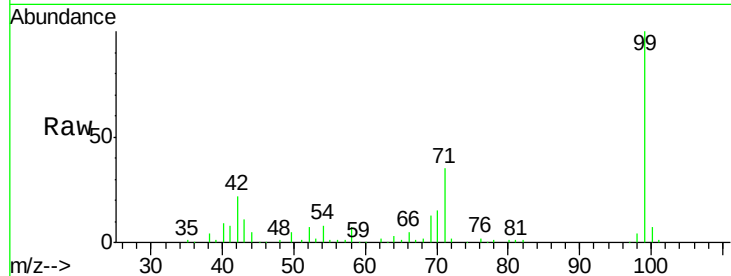
Acq: 3 Jul 2015 7:04

Instrument :

BNA_F

ClientSampleId :

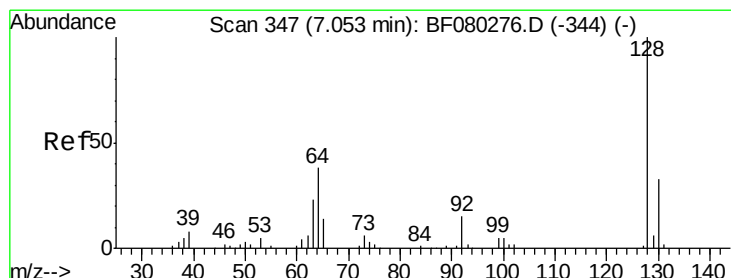
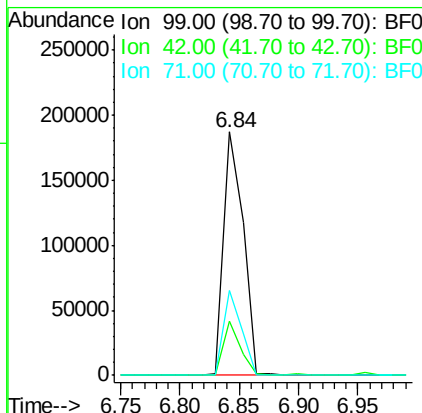
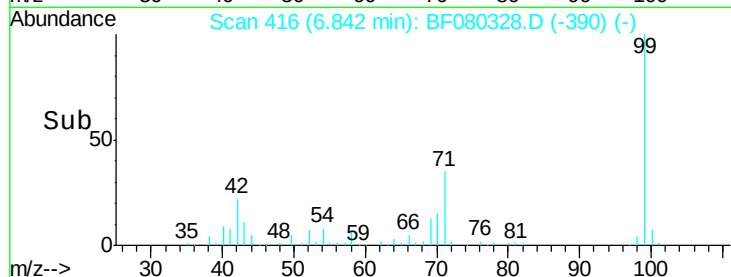
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Tgt Ion:	99	Resp:	212366
Ion Ratio	Lower	Upper	
99	100		
42	22.4	15.4	23.2
71	34.9	25.8	38.8

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#8

2-Chlorophenol

Concen: 46.60 ng

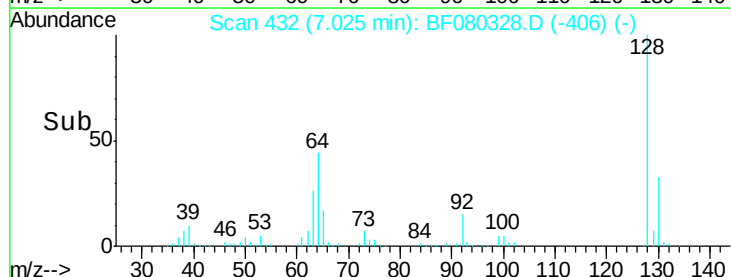
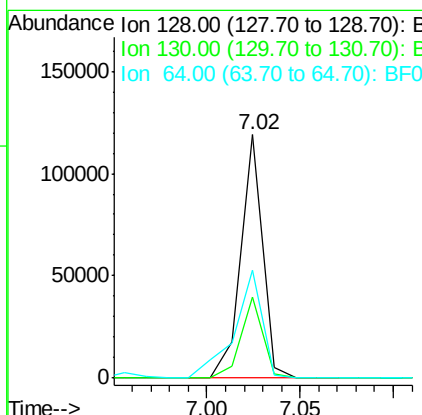
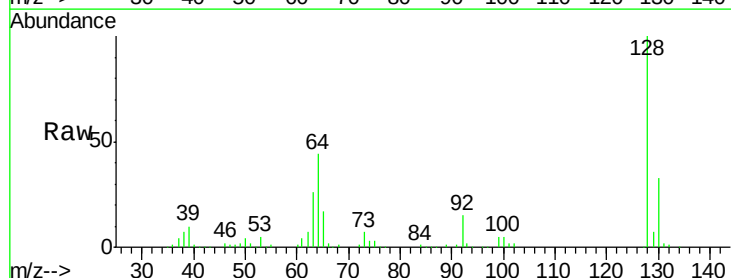
RT: 7.02 min Scan# 432

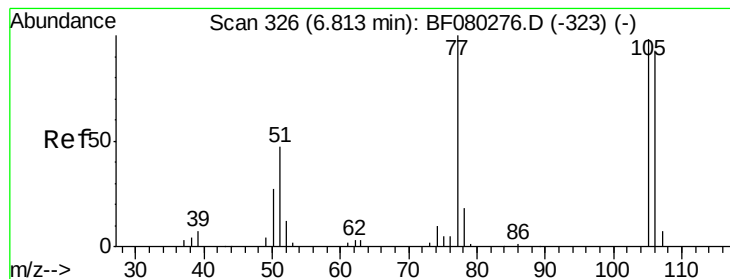
Delta R.T. 0.00 min

Lab File: BF080328.D

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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





#9

Benzaldehyde

Concen: 31.52 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF080328.D

Acq: 3 Jul 2015 7:04

Instrument :

BNA_F

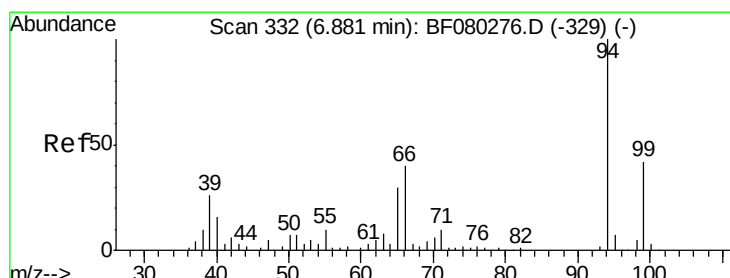
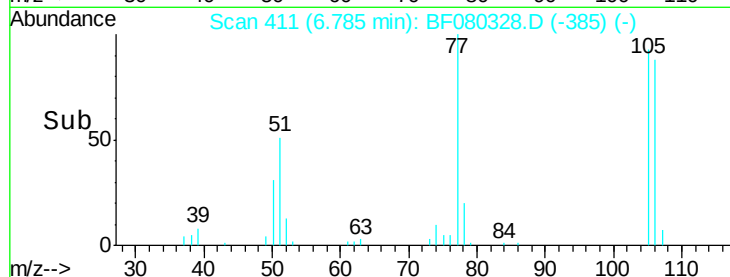
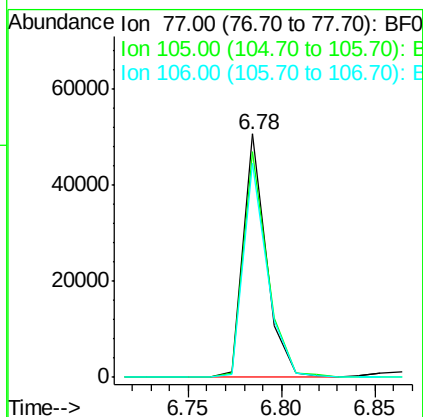
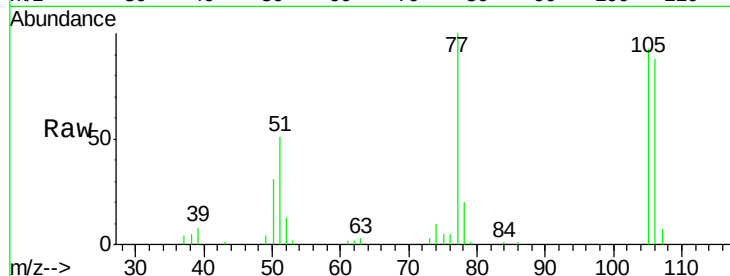
ClientSampleId :

IDOC-04-S-UM

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

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#10

Phenol

Concen: 40.53 ng

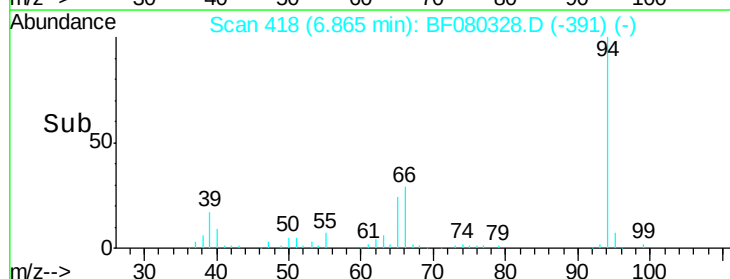
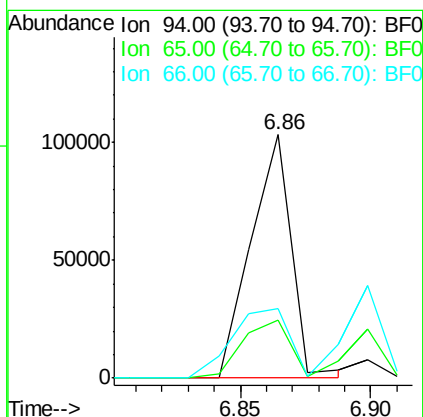
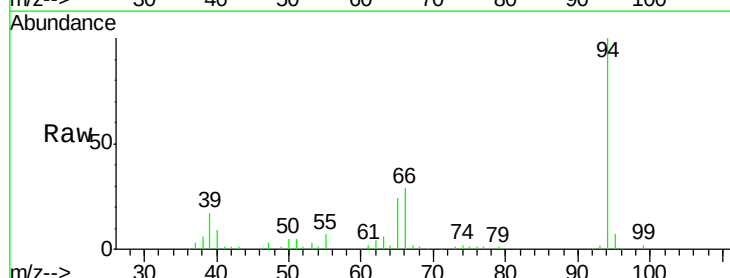
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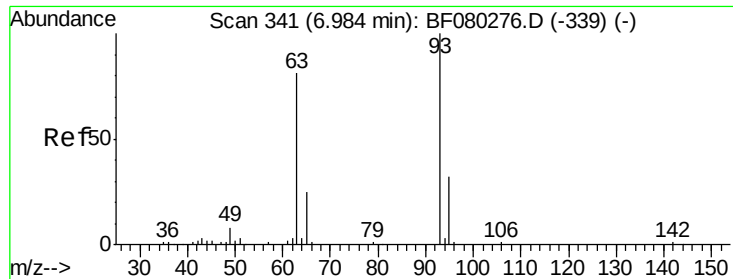
Delta R.T. 0.01 min

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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





#11

bis(2-Chloroethyl)ether

Concen: 41.43 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF080328.D

Acq: 3 Jul 2015 7:04

Instrument :

BNA_F

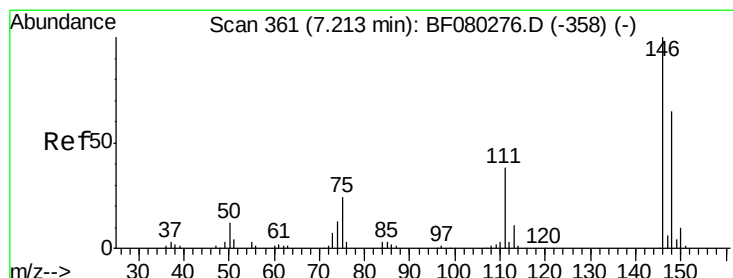
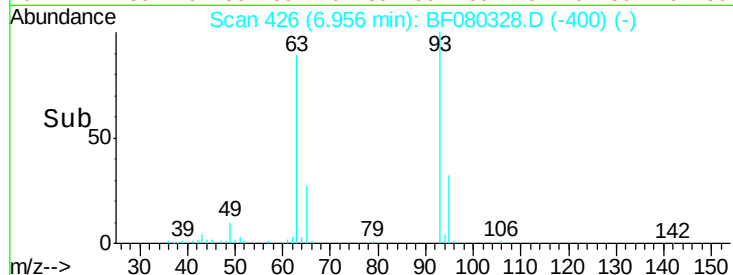
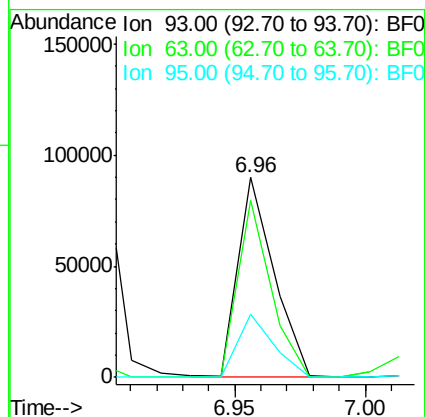
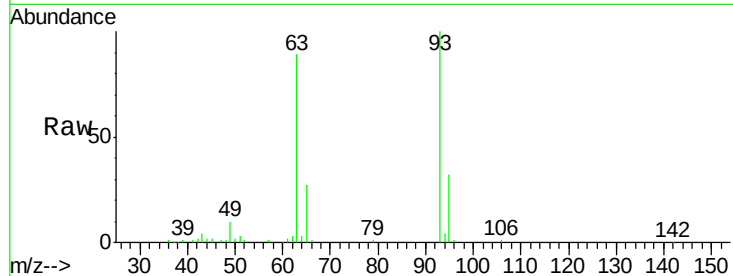
ClientSampled :

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

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#12

1,3-Dichlorobenzene

Concen: 43.07 ng

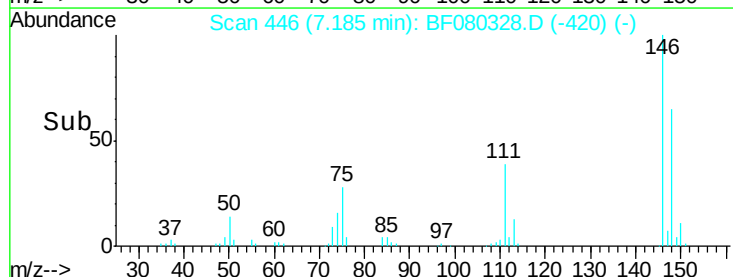
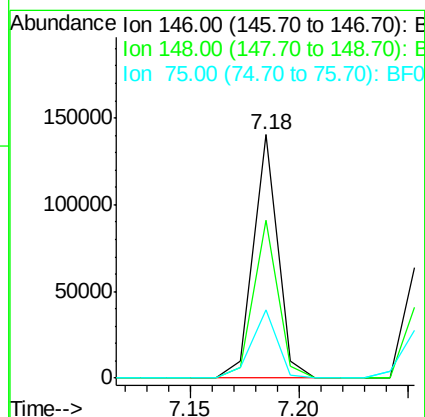
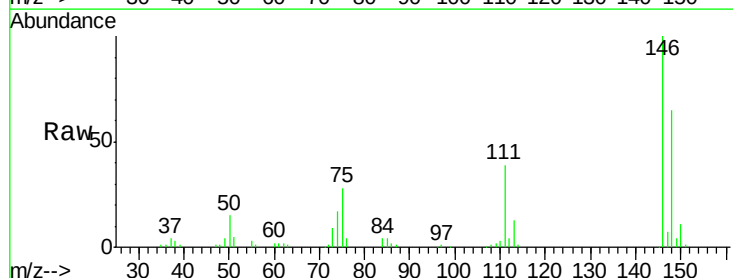
RT: 7.18 min Scan# 446

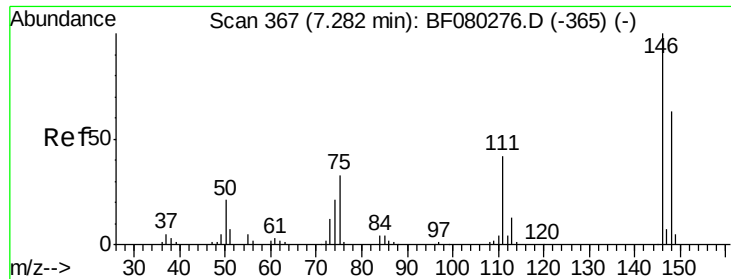
Delta R.T. 0.00 min

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





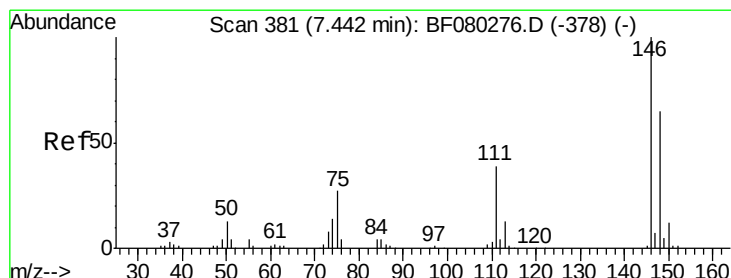
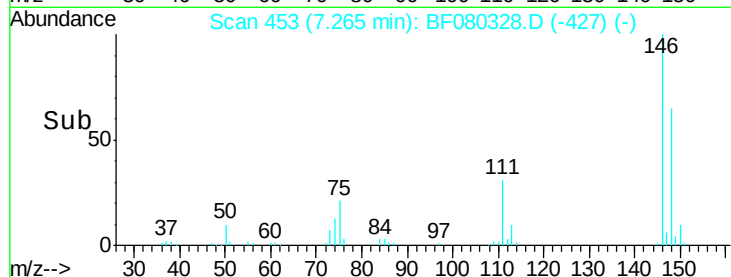
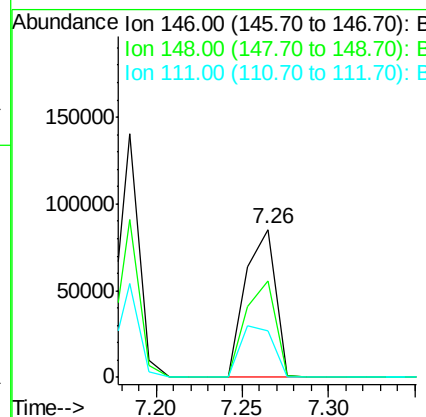
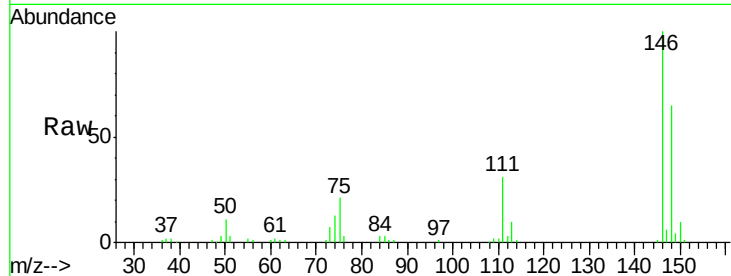
#13
 1,4-Dichlorobenzene
 Concen: 40.88 ng m
 RT: 7.26 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

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

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.2	75.2
111	31.1	33.8	50.8#

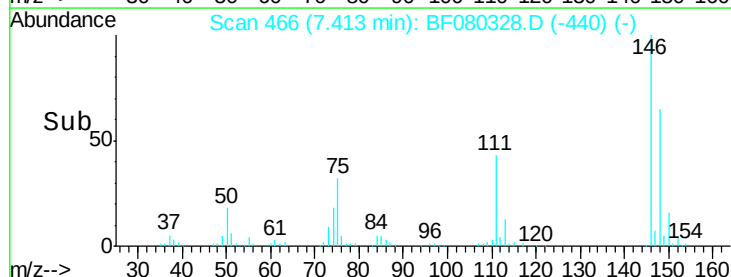
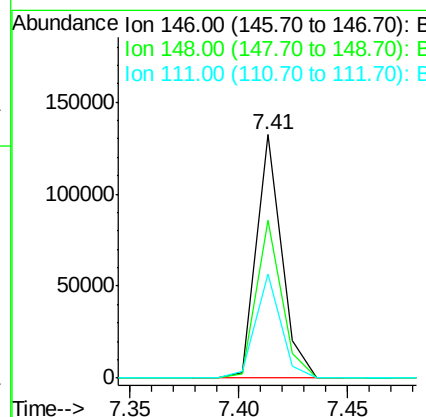
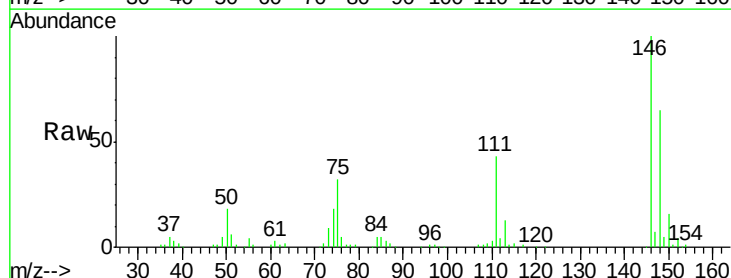
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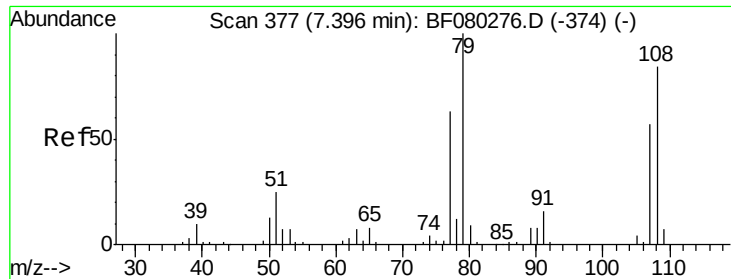
apatel
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#14
 1,2-Dichlorobenzene
 Concen: 42.59 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

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





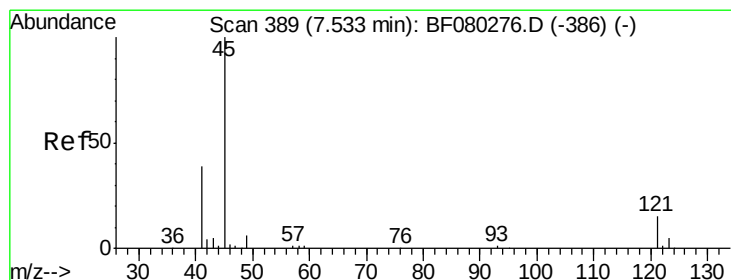
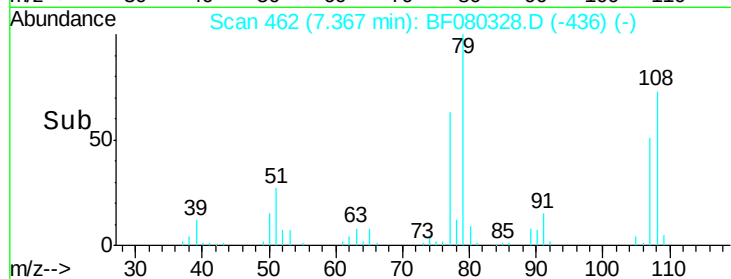
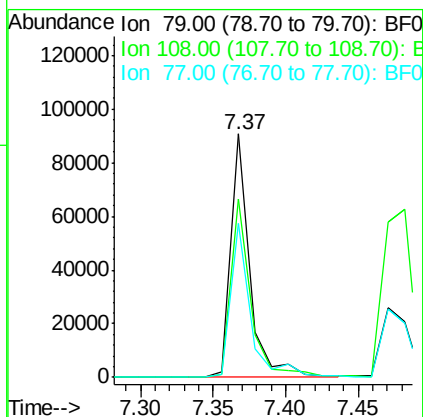
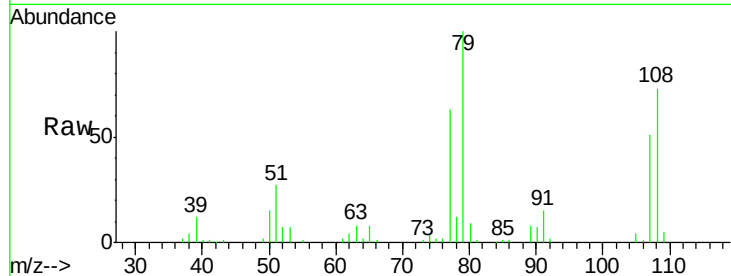
#15
Benzyl Alcohol
Concen: 42.77 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

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

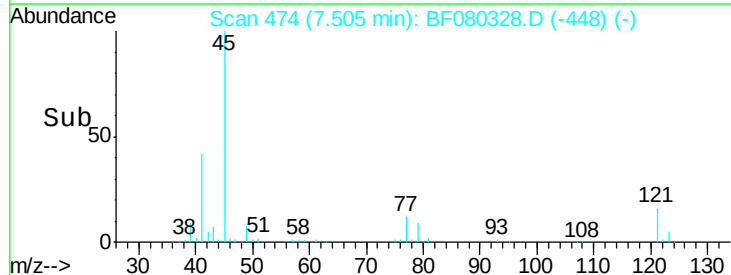
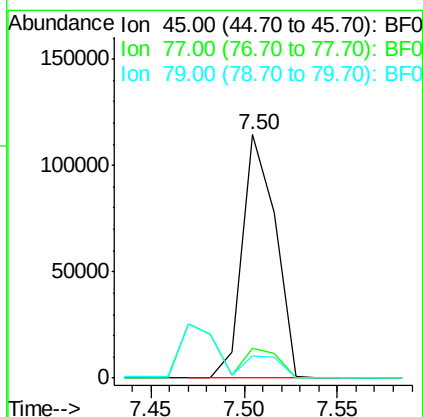
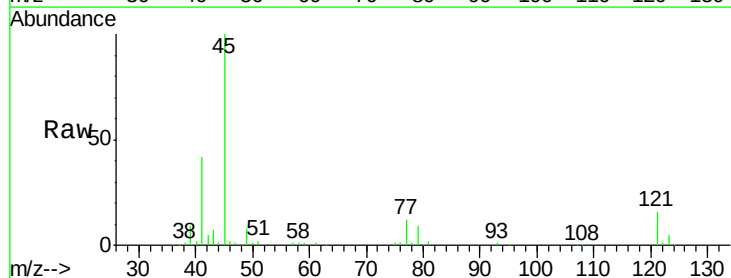
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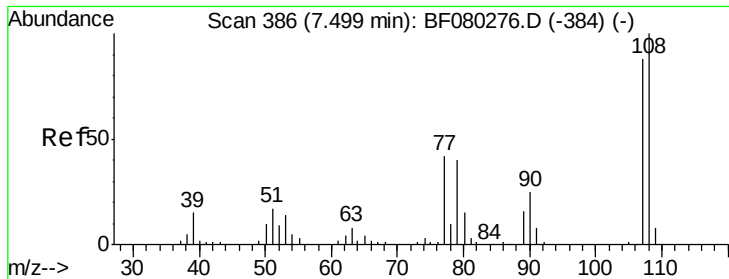
apatel
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.46 ng
RT: 7.50 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

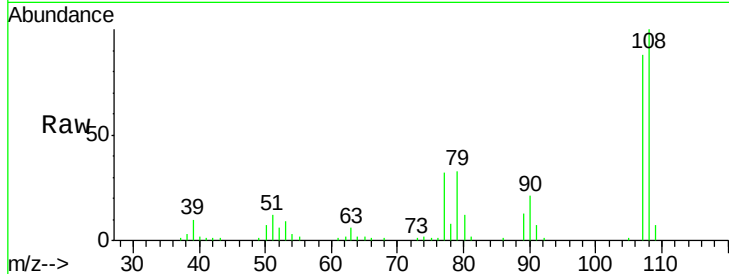
Tgt Ion: 45 Resp: 140776
Ion Ratio Lower Upper
45 100
77 12.3 0.0 32.0
79 9.1 0.0 29.3





#17
2-Methylphenol
Concen: 41.79 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.01 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

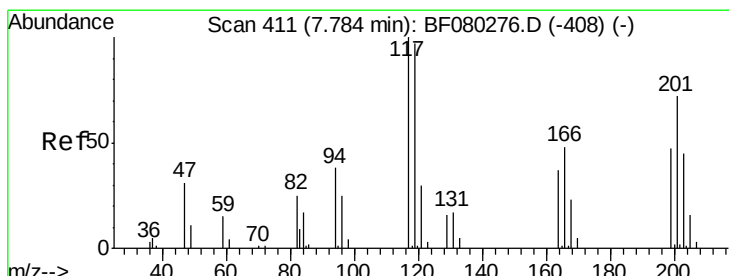
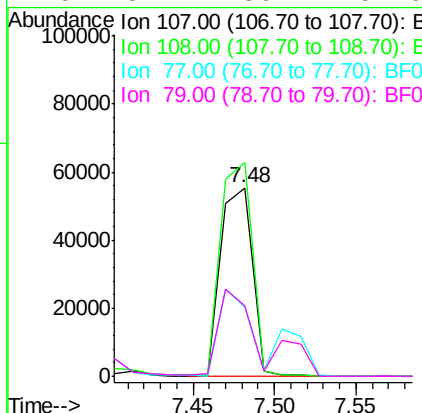
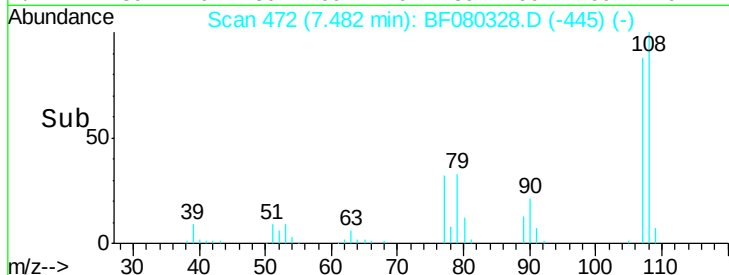
Instrument :
BNA_F
ClientSampleId :
IDOC-04-S-UM



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

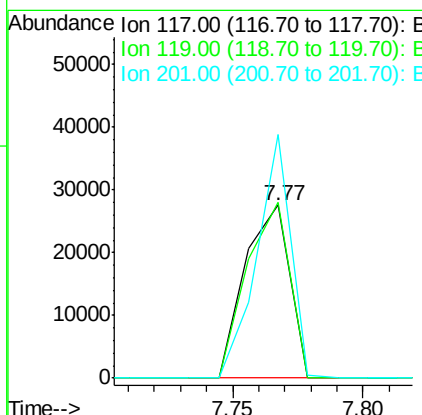
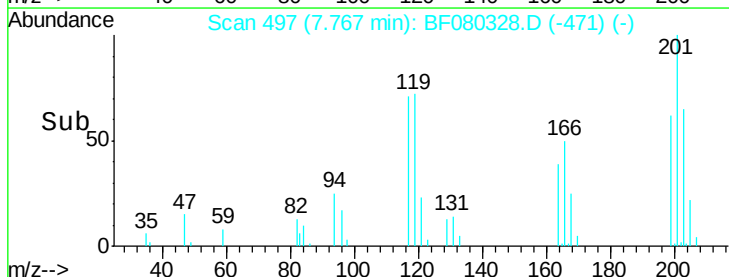
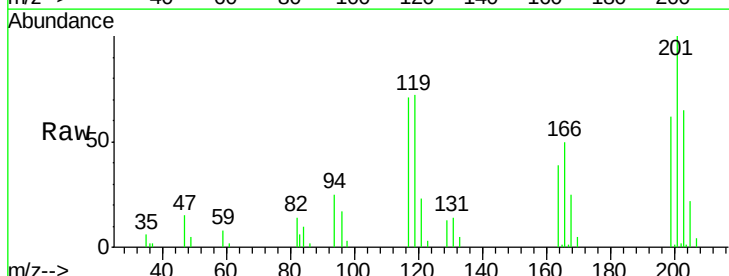
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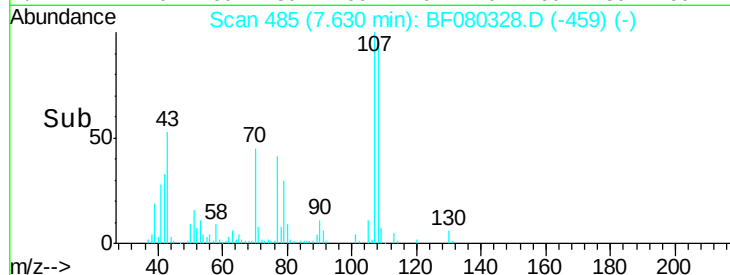
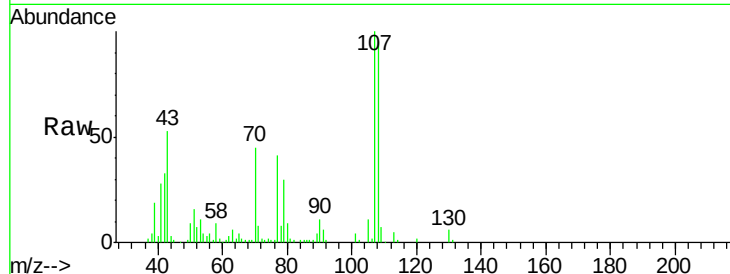
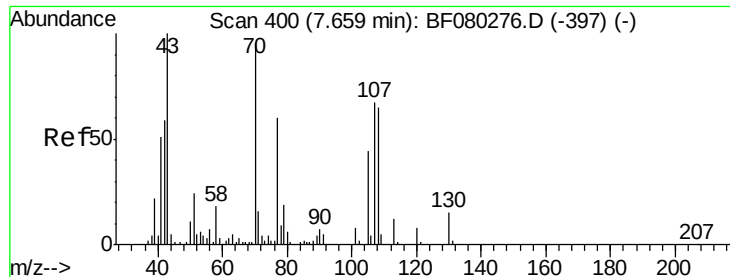
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#18
Hexachloroethane
Concen: 42.11 ng
RT: 7.77 min Scan# 497
Delta R.T. 0.00 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	33023		
119	102.0	77.3	115.9	
201	141.0	57.5	86.3	





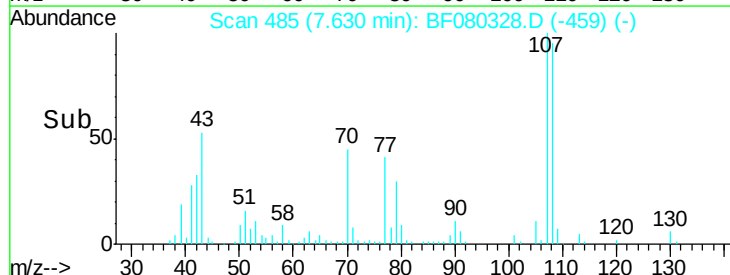
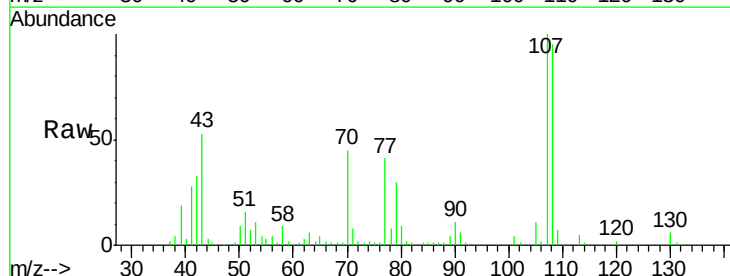
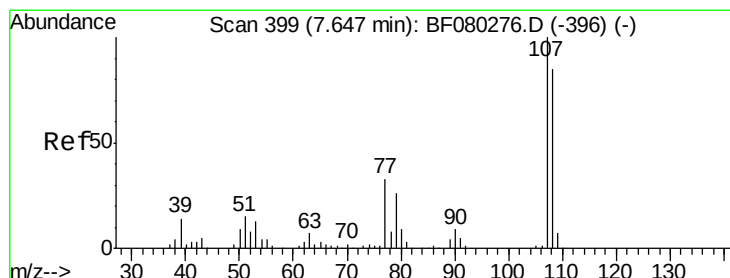
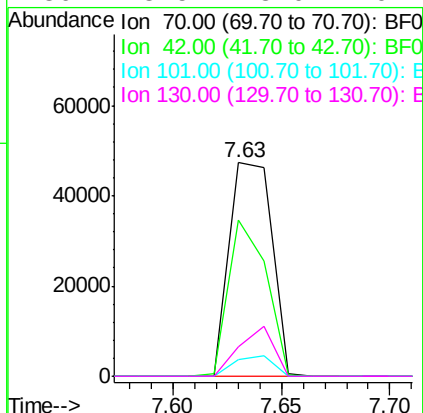
#19
n-Nitroso-di-n-propylamine
Concen: 38.69 ng
RT: 7.63 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

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

Manual Integrations
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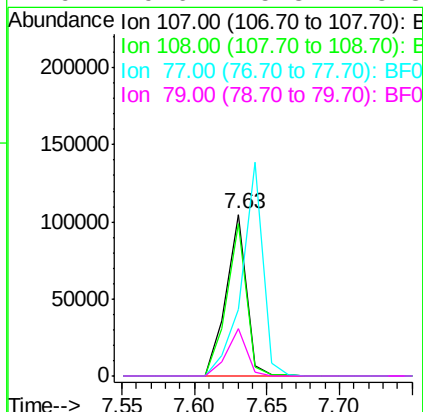
apatel
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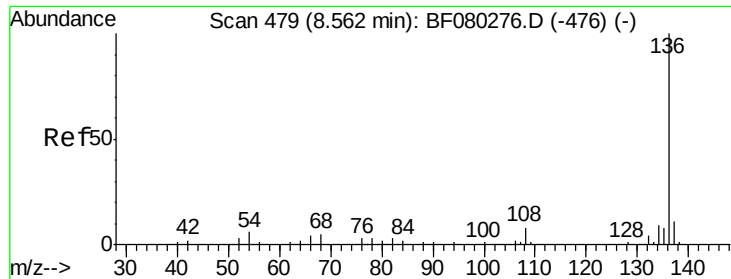
Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	73.0	49.8	74.8	
101	8.0	6.8	10.2	
130	13.5	13.0	19.4	



#20
3+4-Methylphenols
Concen: 43.23 ng
RT: 7.63 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

Tgt Ion	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. 0.00 min

Lab File: BF080328.D

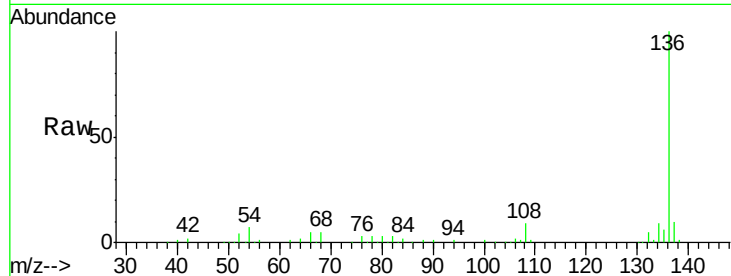
Acq: 3 Jul 2015 7:04

Instrument :

BNA_F

ClientSampleId :

IDOC-04-S-UM



Tgt Ion:136 Resp: 126533

Ion Ratio Lower Upper

136 100

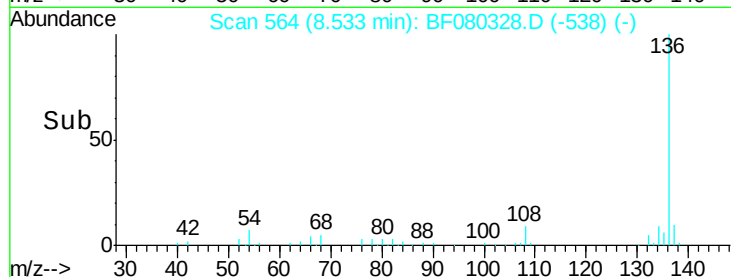
137 10.4 8.4 12.6

54 6.9 4.9 7.3

68 5.4 4.0 6.0

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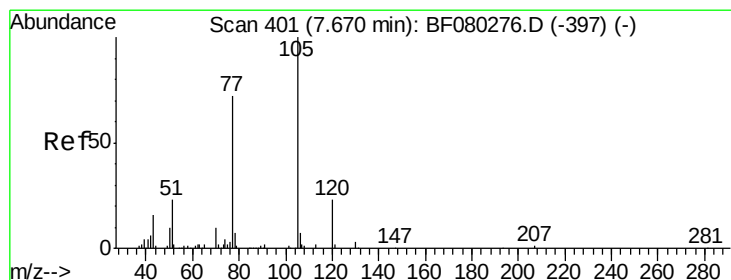
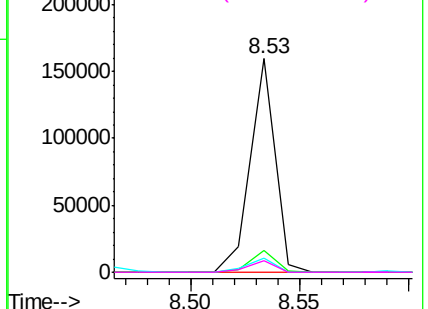


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.14 ng

RT: 7.64 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF080328.D

Acq: 3 Jul 2015 7:04

Tgt Ion:105 Resp: 141236

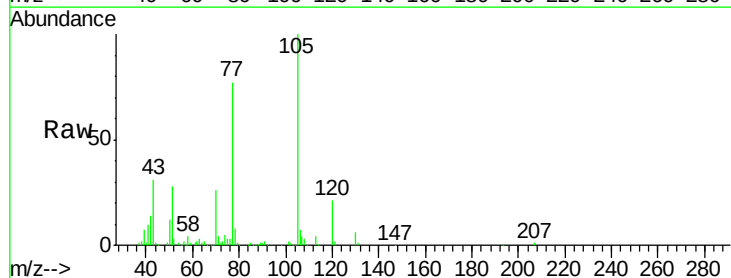
Ion Ratio Lower Upper

105 100

71 4.1 1.4 2.0#

51 28.1 18.5 27.7#

120 21.4 18.1 27.1

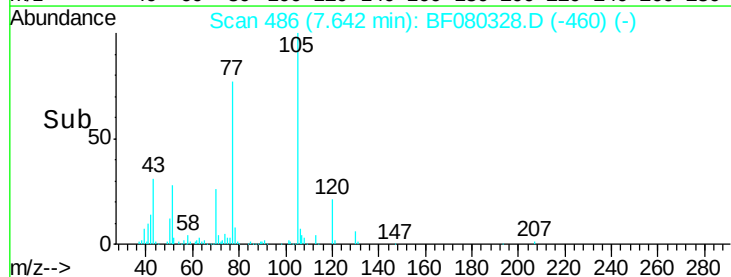
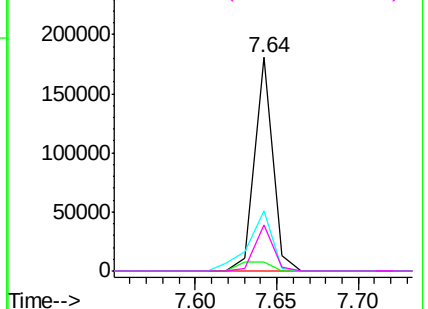


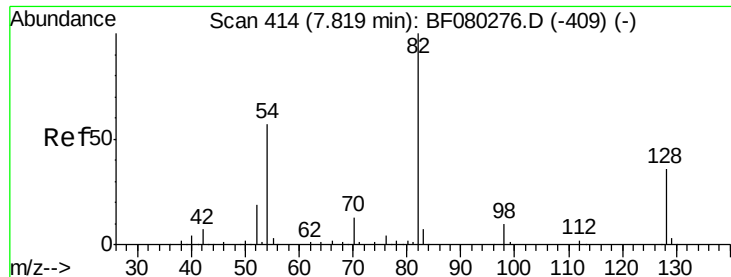
Abundance Ion 105.00 (104.70 to 105.70): E

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: 86.31 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF080328.D

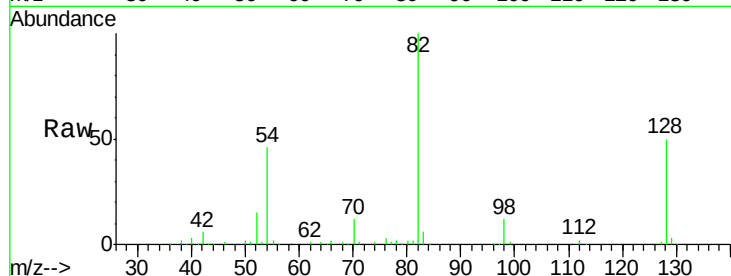
Acq: 3 Jul 2015 7:04

Instrument :

BNA_F

ClientSampleId :

IDOC-04-S-UM



Tgt Ion: 82 Resp: 196249

Ion Ratio Lower Upper

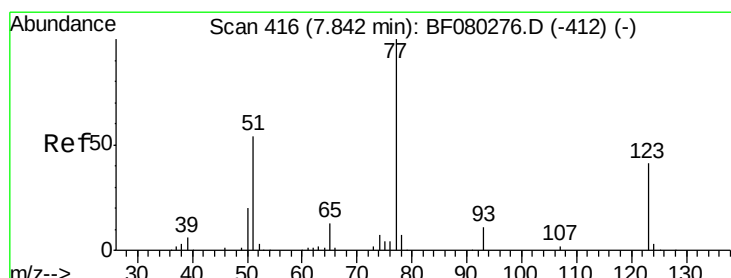
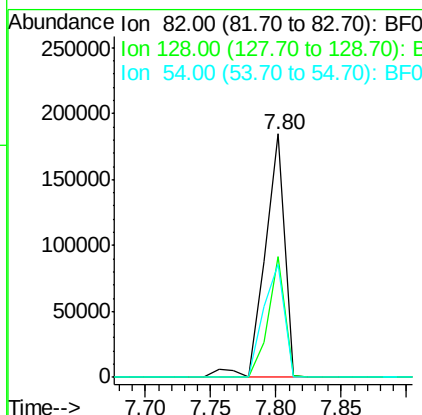
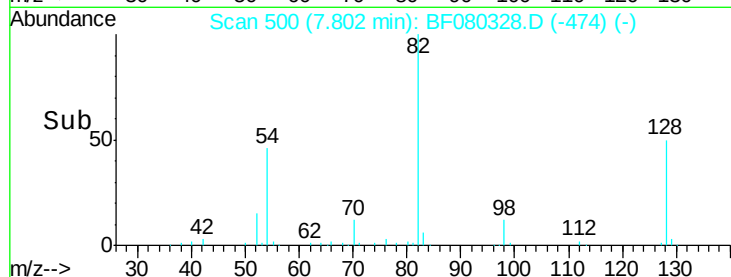
82 100

128 49.6 29.0 43.4#

54 46.3 45.3 67.9

Manual Integrations
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#24

Nitrobenzene

Concen: 42.36 ng

RT: 7.81 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF080328.D

Acq: 3 Jul 2015 7:04

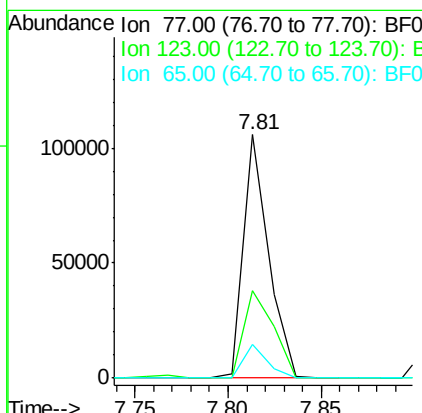
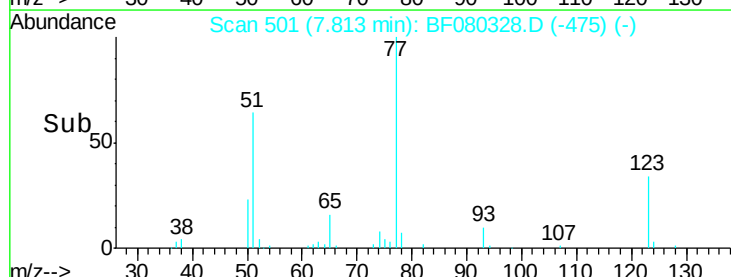
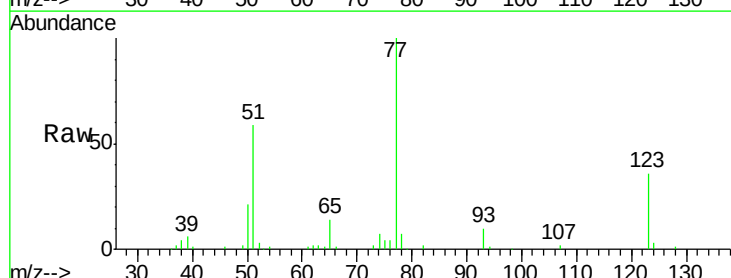
Tgt Ion: 77 Resp: 98868

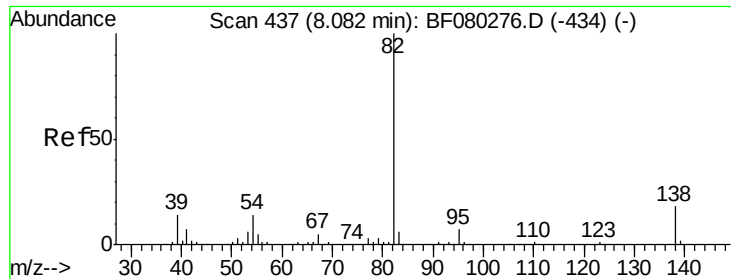
Ion Ratio Lower Upper

77 100

123 35.9 33.0 49.6

65 14.0 10.6 15.8





#25

Isophorone

Concen: 42.91 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF080328.D

Acq: 3 Jul 2015 7:04

Instrument :

BNA_F

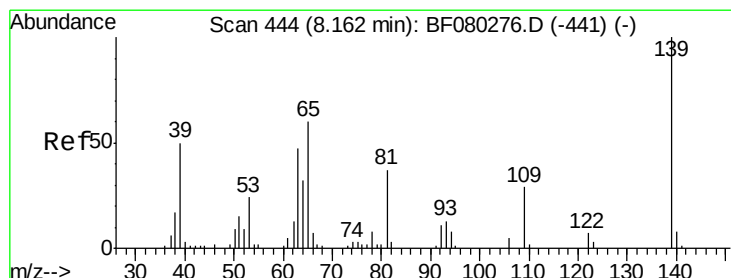
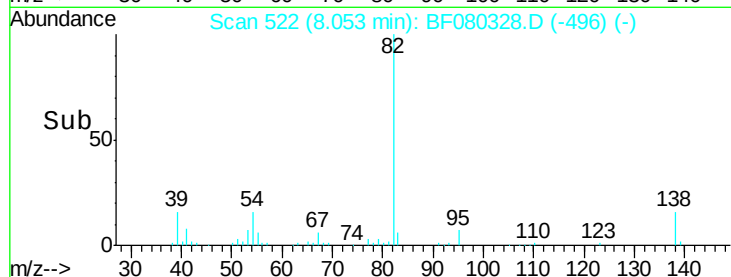
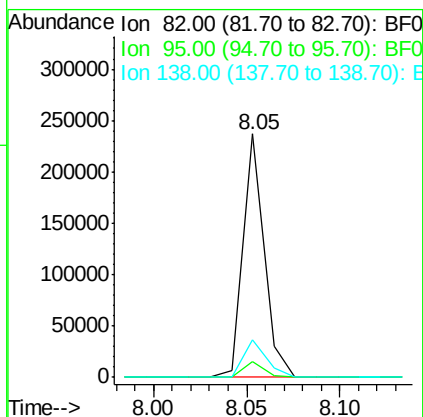
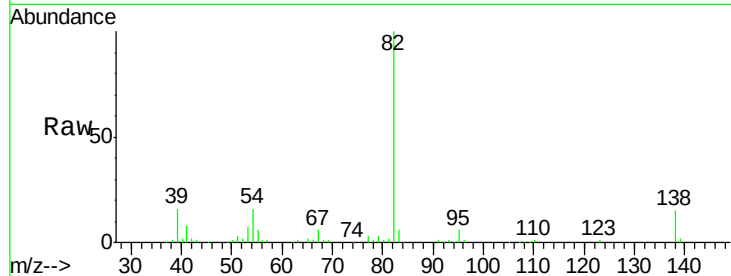
ClientSampleId :

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

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.68 ng

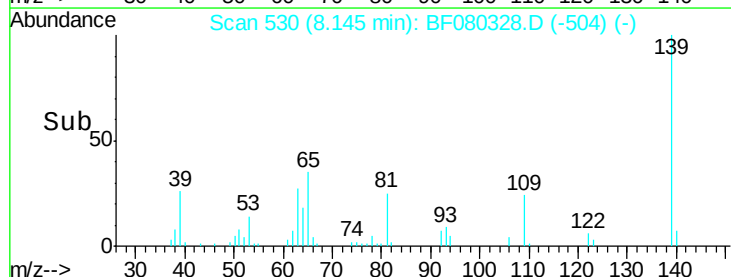
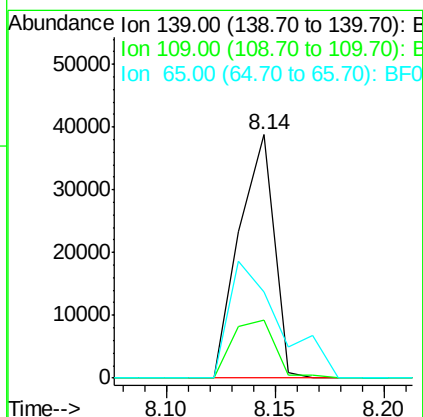
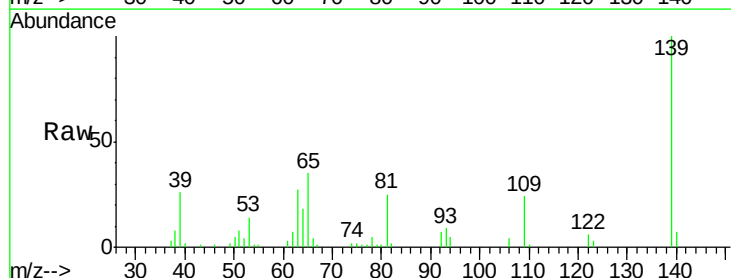
RT: 8.14 min Scan# 530

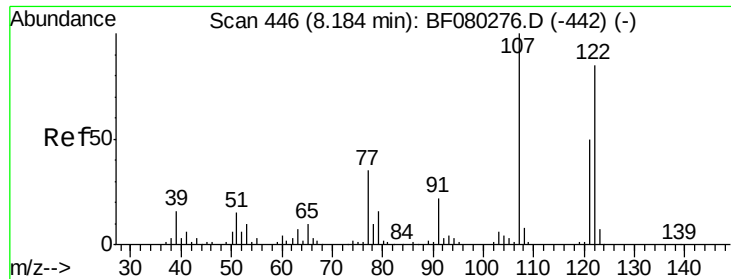
Delta R.T. 0.00 min

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#





#27

2,4-Dimethylphenol

Concen: 45.65 ng

RT: 8.17 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF080328.D

Acq: 3 Jul 2015 7:04

Instrument :

BNA_F

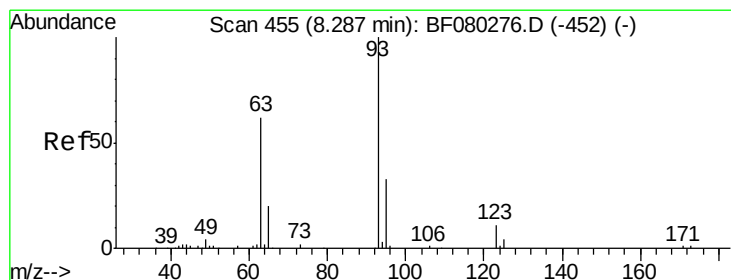
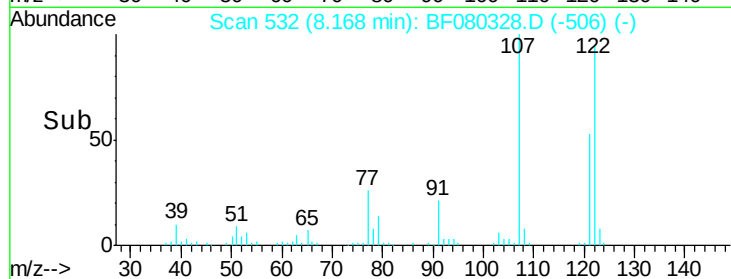
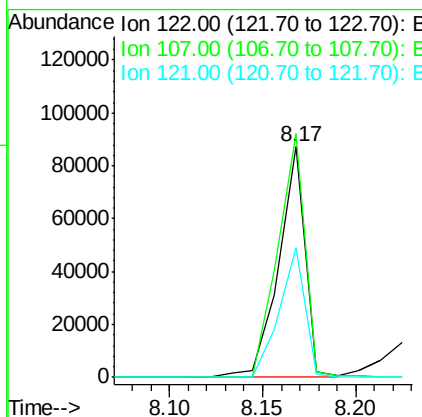
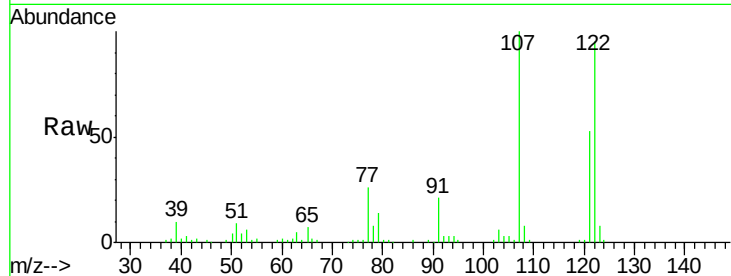
ClientSampleId :

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

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#28

bis(2-Chloroethoxy)methane

Concen: 44.28 ng

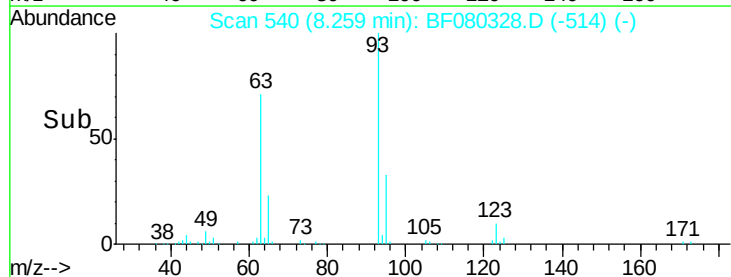
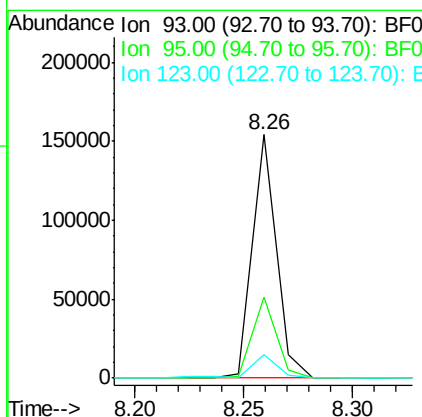
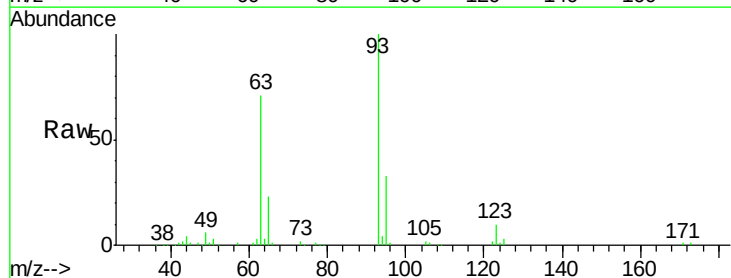
RT: 8.26 min Scan# 540

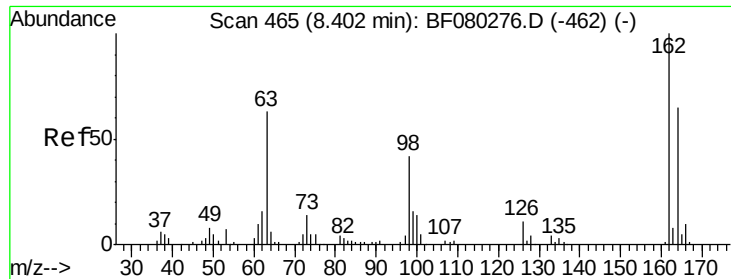
Delta R.T. 0.00 min

Lab File: BF080328.D

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





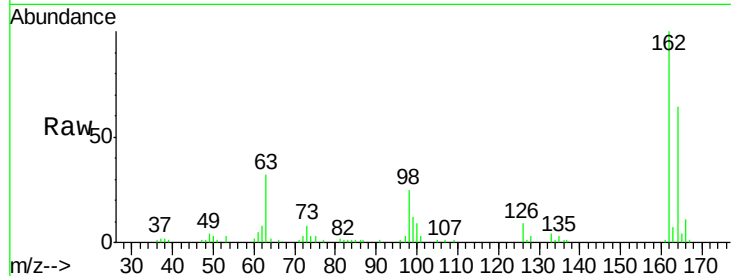
#29
2,4-Dichlorophenol
Concen: 45.48 ng
RT: 8.38 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

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

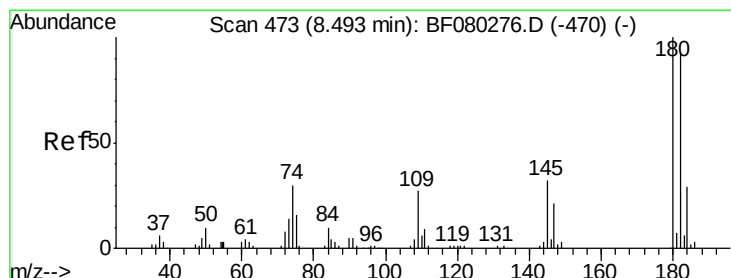
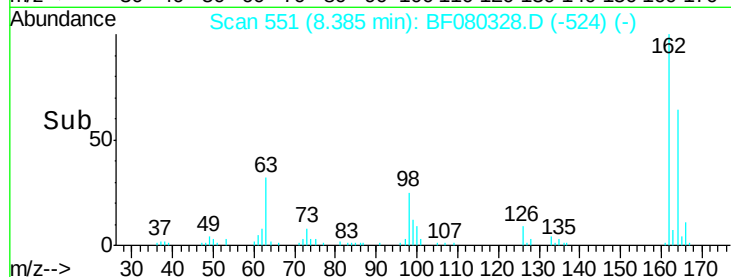
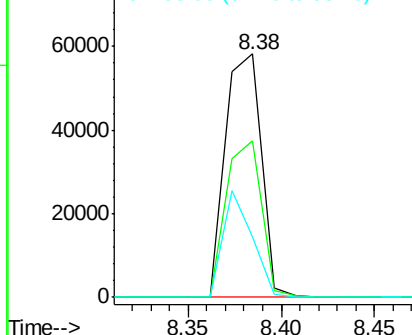
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.5	44.6	84.6
98	24.8	21.7	61.7

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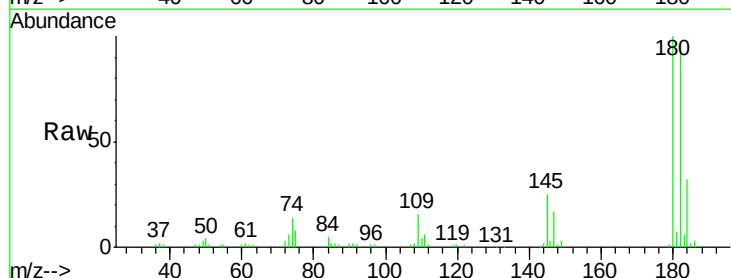


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

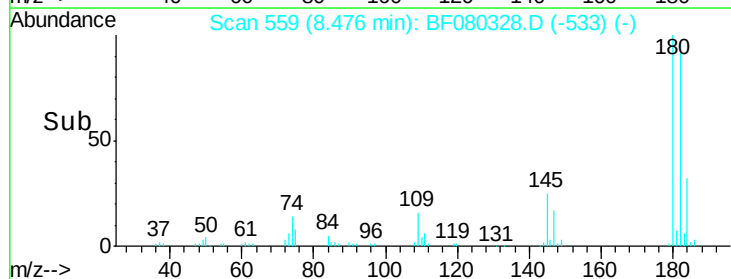
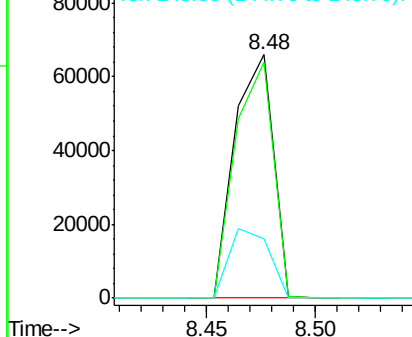


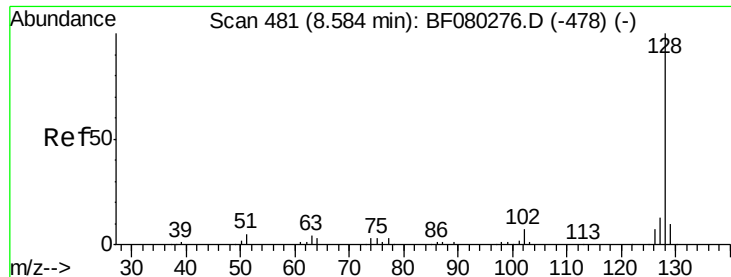
#30
1,2,4-Trichlorobenzene
Concen: 40.19 ng
RT: 8.48 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

Tgt Ion	Ratio	Resp Lower	Resp 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





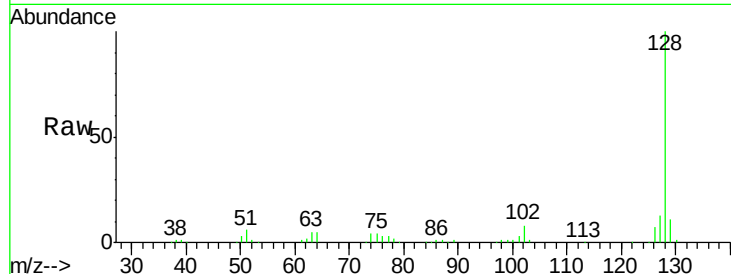
#31
Naphthalene
Concen: 44.38 ng
RT: 8.56 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

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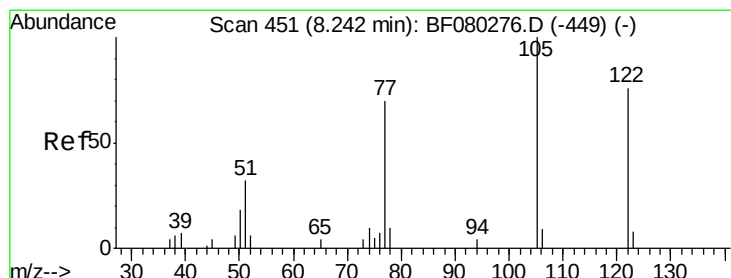
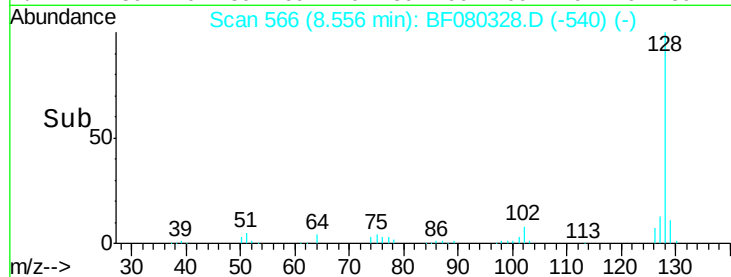
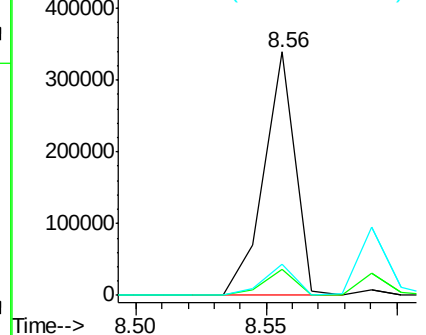
Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	10.9	8.2	12.4
127	12.6	10.4	15.6

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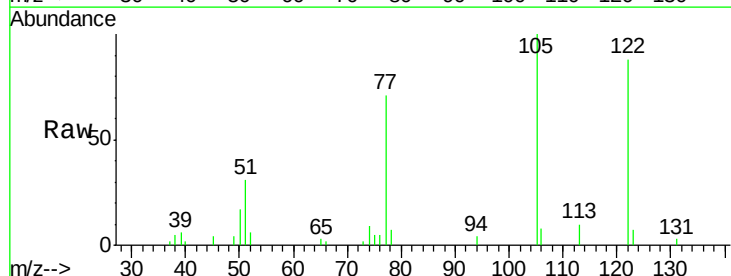


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

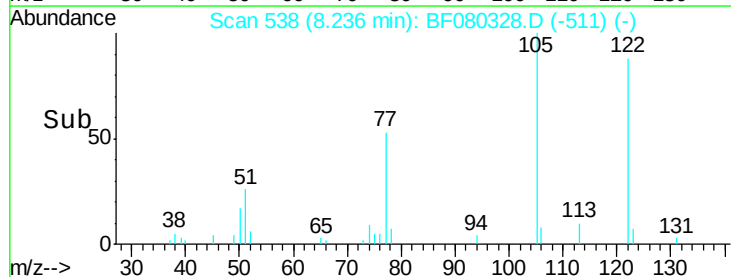
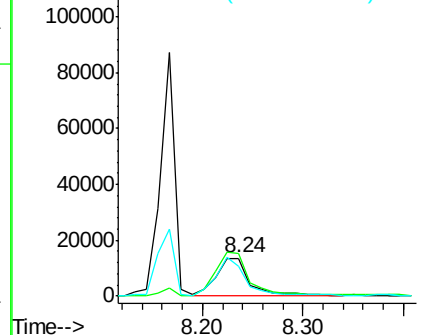


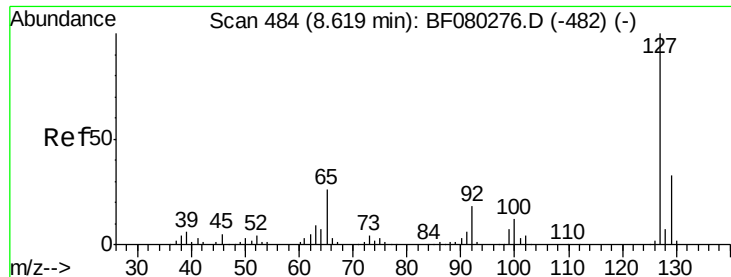
#32
Benzoic acid
Concen: 65.45 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.01 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

Tgt Ion	Ratio	Resp Lower	Resp 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





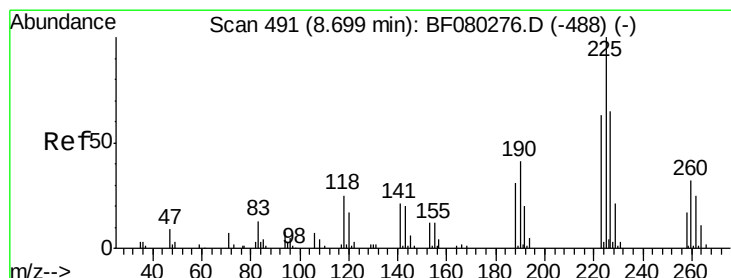
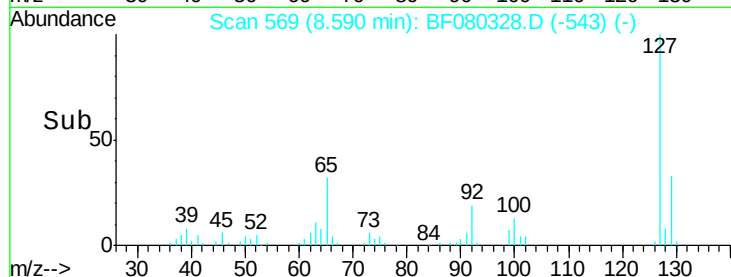
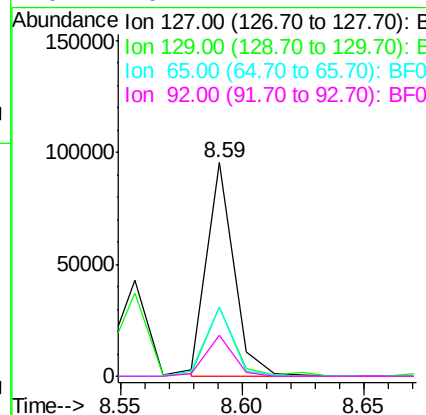
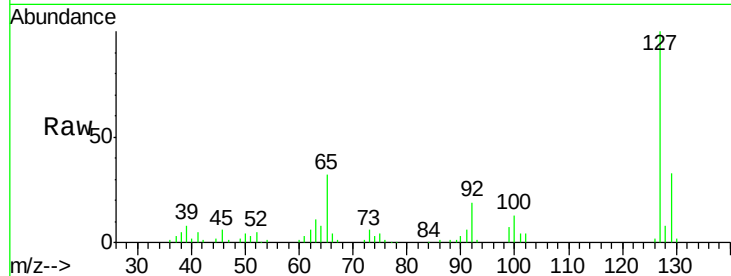
#33
4-Chloroaniline
Concen: 27.29 ng m
RT: 8.59 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
127	100	73774		
129	32.6	26.4	39.6	
65	32.2	21.0	31.6	
92	19.4	14.1	21.1	

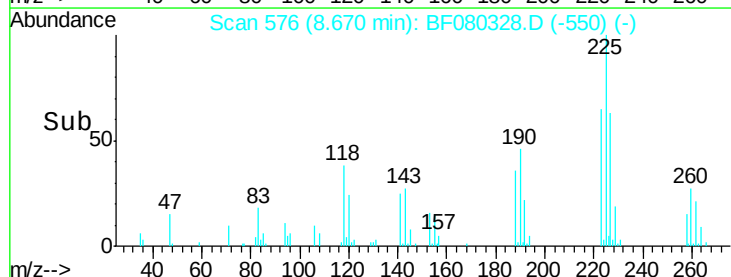
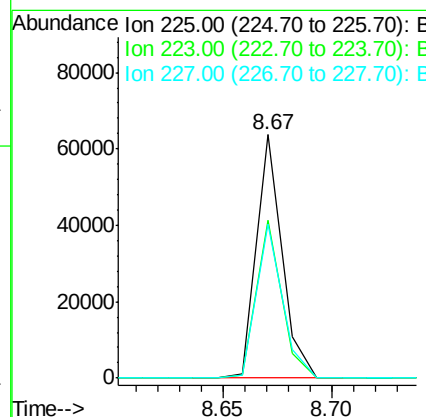
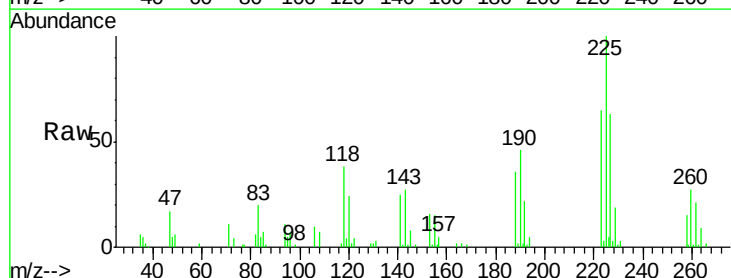
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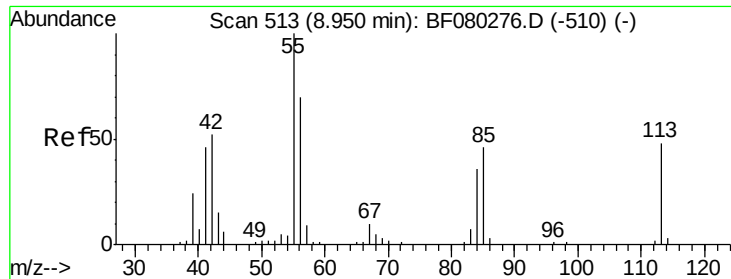
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#34
Hexachlorobutadiene
Concen: 40.69 ng
RT: 8.67 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	51878		
223	64.8	50.5	75.7	
227	63.4	51.8	77.8	





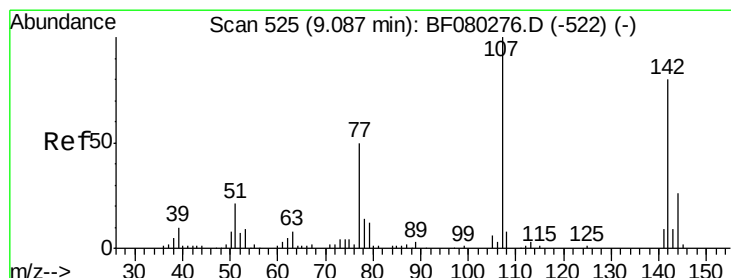
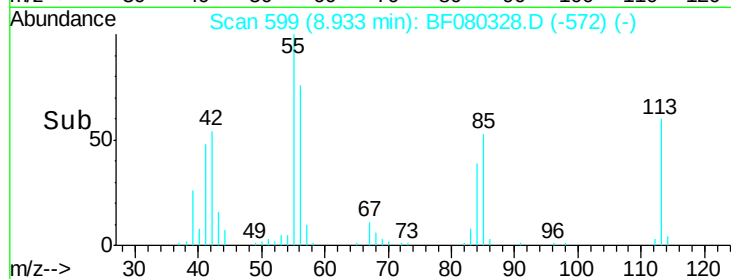
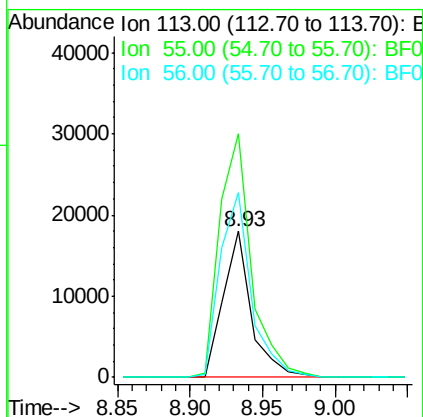
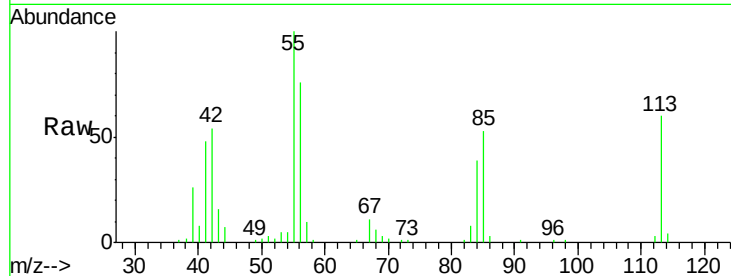
#35
 Caprolactam
 Concen: 45.15 ng
 RT: 8.93 min Scan# 599
 Delta R.T. 0.01 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

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

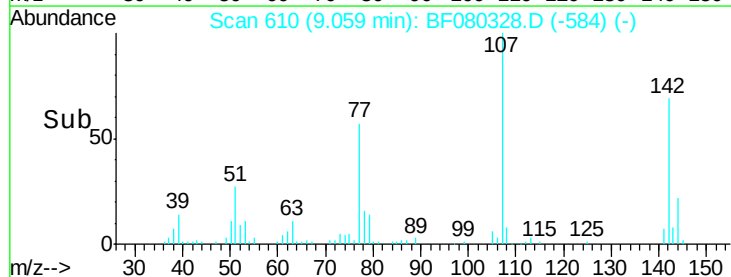
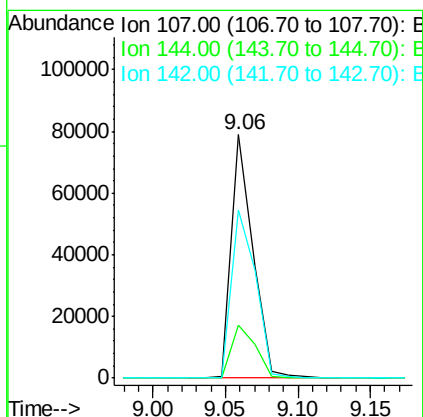
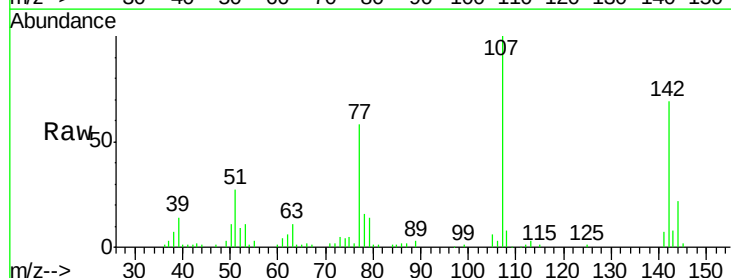
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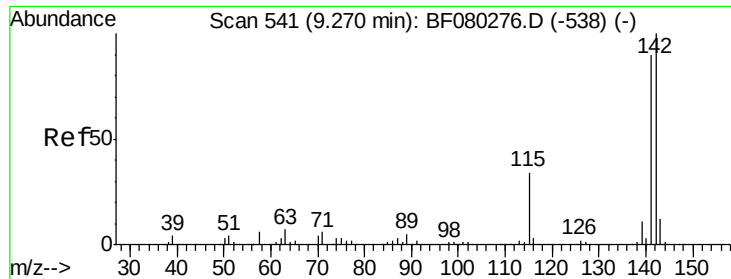
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#36
 4-Chloro-3-methylphenol
 Concen: 43.47 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

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





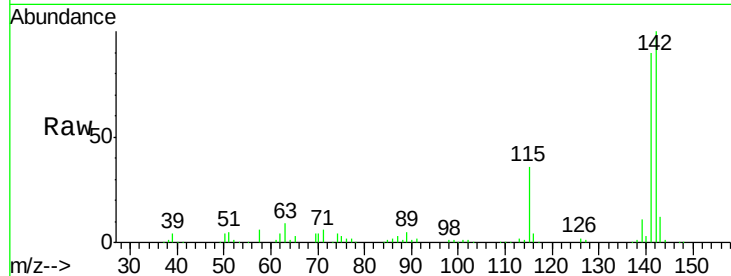
#37
2-Methylnaphthalene
Concen: 41.56 ng
RT: 9.24 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

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

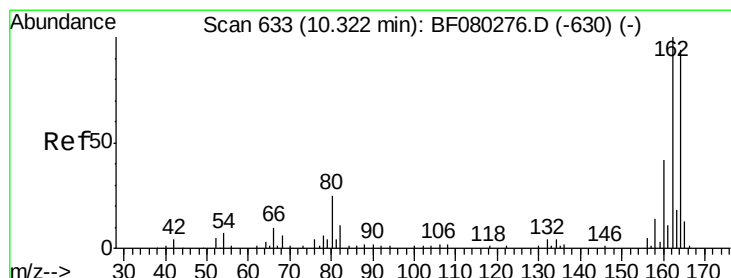
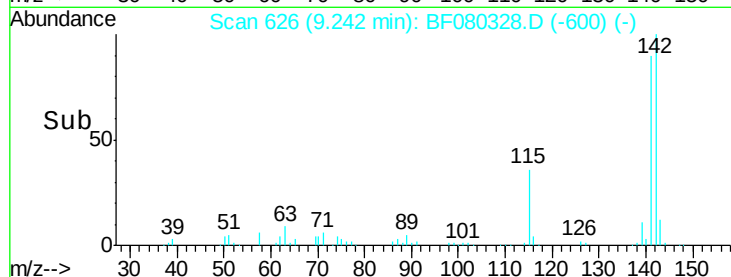
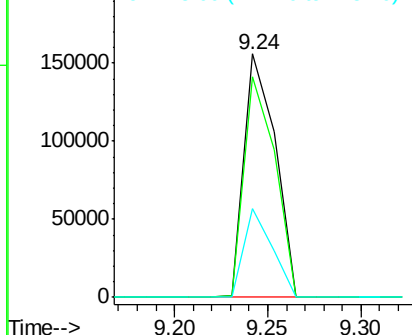
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	180311		
141	90.5	71.8	107.6	
115	36.4	27.4	41.2	

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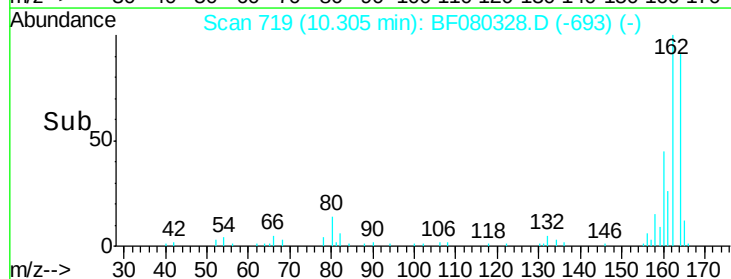
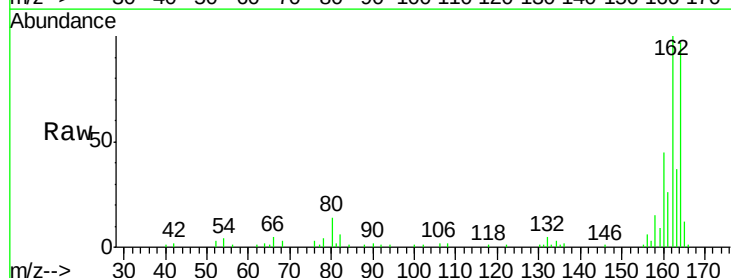
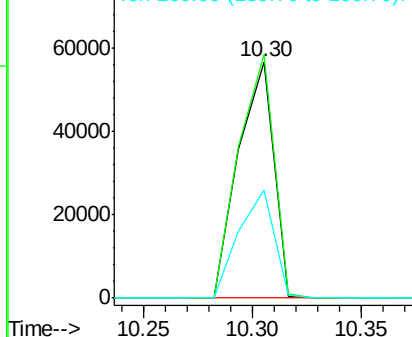
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

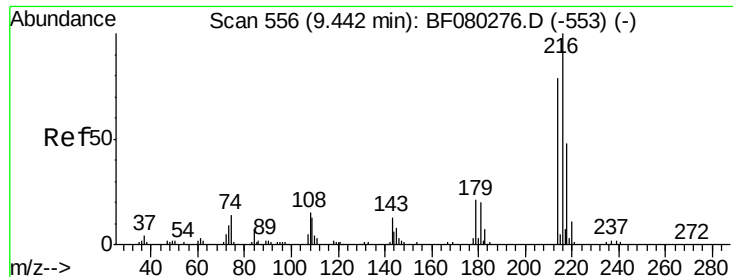


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.30 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	63664		
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: 40.79 ng

RT: 9.41 min Scan# 641

Delta R.T. 0.00 min

Lab File: BF080328.D

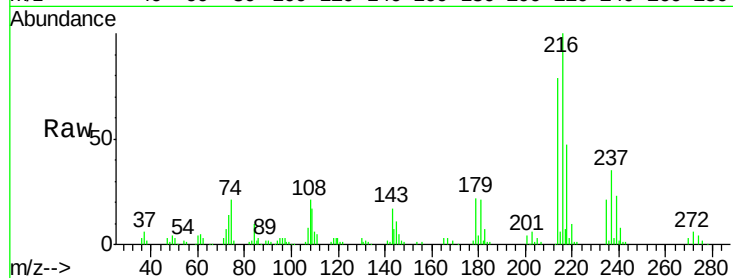
Acq: 3 Jul 2015 7:04

Instrument :

BNA_F

ClientSampleId :

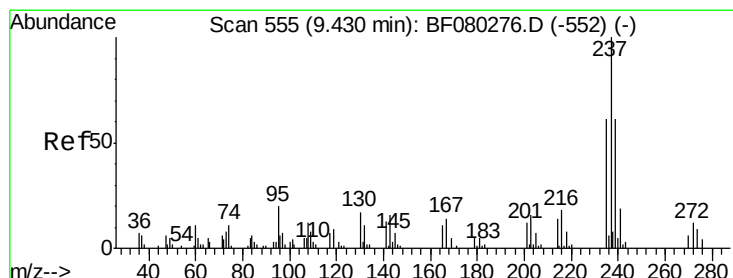
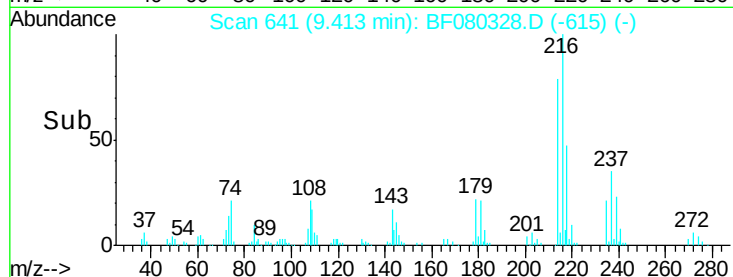
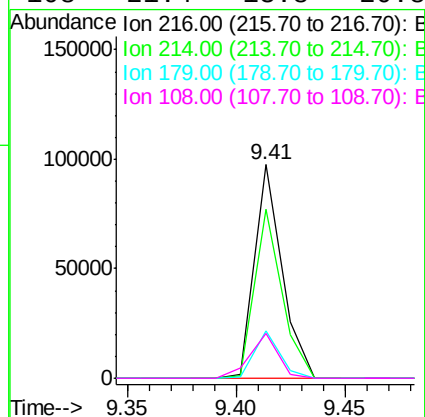
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Tgt Ion	Ratio	Resp	Lower	Upper
216	100	85549		
214	78.7	63.0	94.6	
179	20.6	16.8	25.2	
108	21.4	13.8	20.8#	

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#40

Hexachlorocyclopentadiene

Concen: 87.53 ng

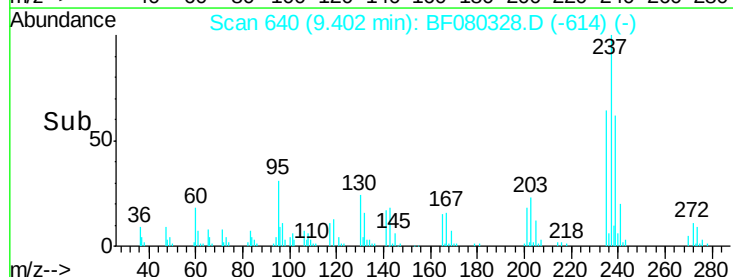
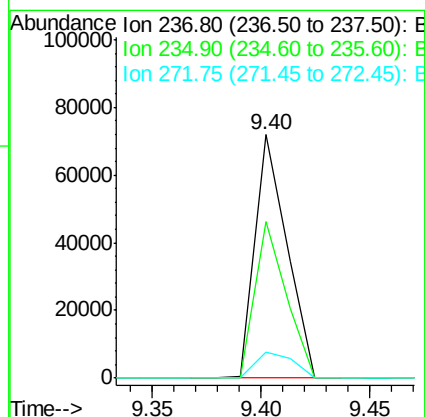
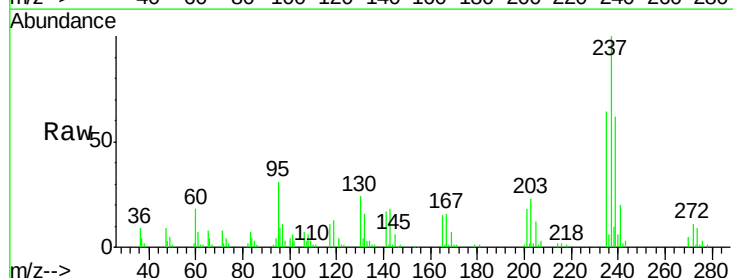
RT: 9.40 min Scan# 640

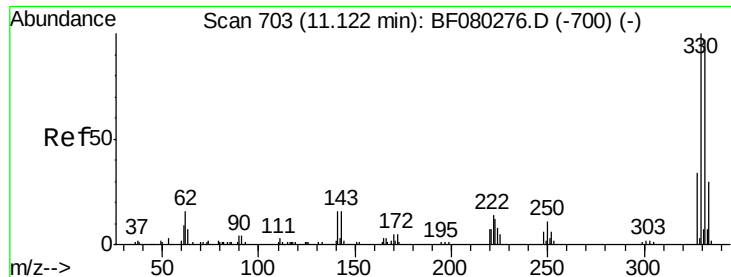
Delta R.T. 0.00 min

Lab File: BF080328.D

Acq: 3 Jul 2015 7:04

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	73260		
235	64.3	41.3	81.3	
272	10.5	0.0	31.8	





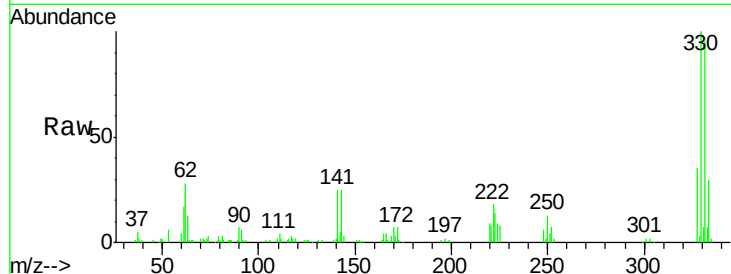
#41
 2,4,6-Tribromophenol
 Concen: 95.55 ng
 RT: 11.09 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

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

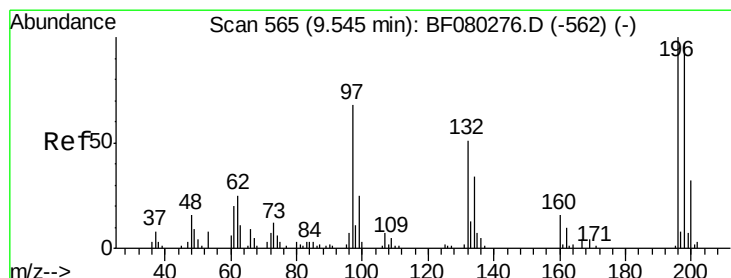
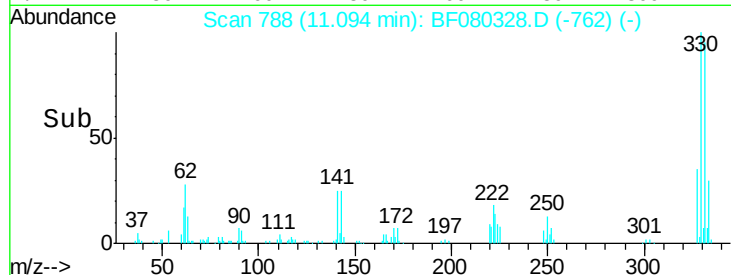
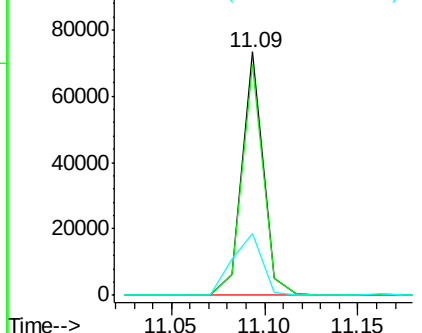
Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.4	77.4	116.2
141	35.3	28.0	42.0

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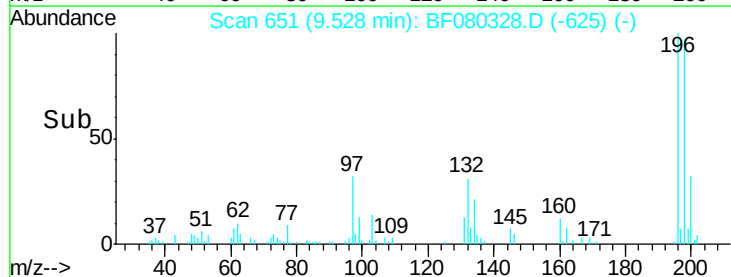
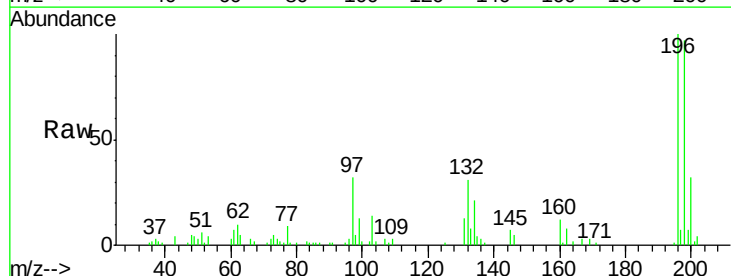
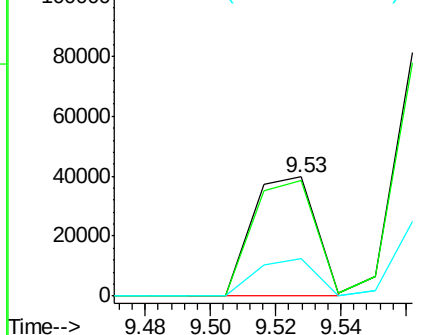
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

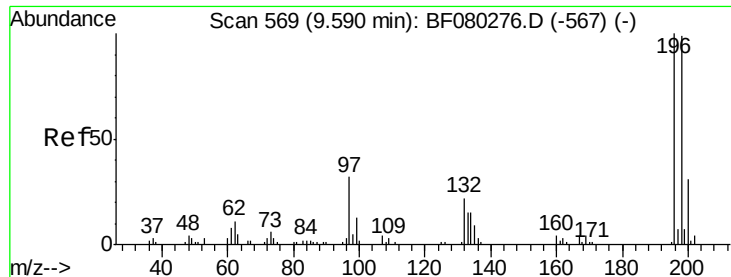


#42
 2,4,6-Trichlorophenol
 Concen: 40.46 ng
 RT: 9.53 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

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

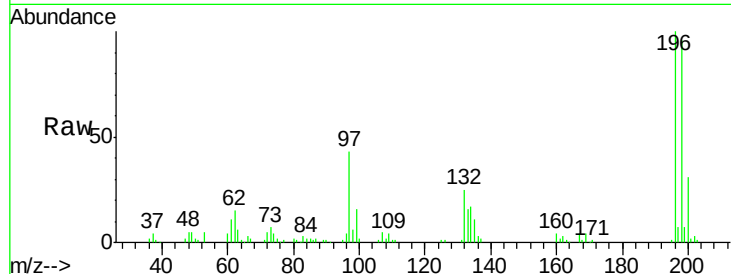
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 44.96 ng
 RT: 9.56 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

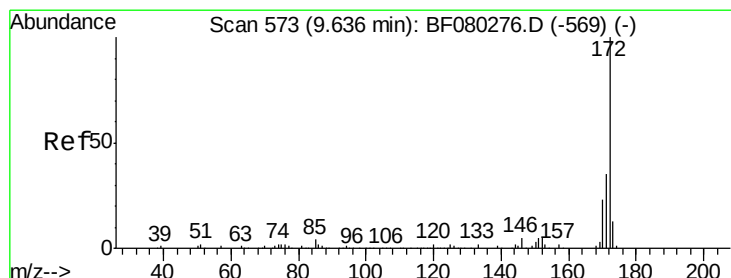
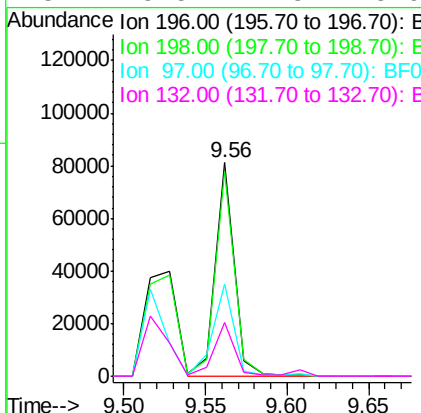
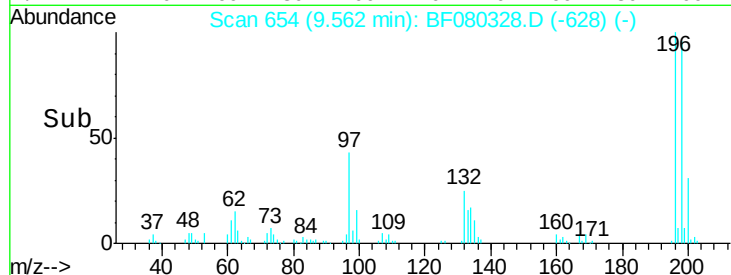
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04-S-UM



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	65875		
198	95.8	79.4	119.2	
97	43.0	25.9	38.9	
132	25.5	17.3	25.9	

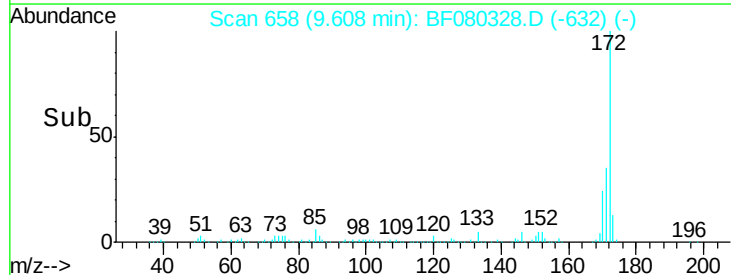
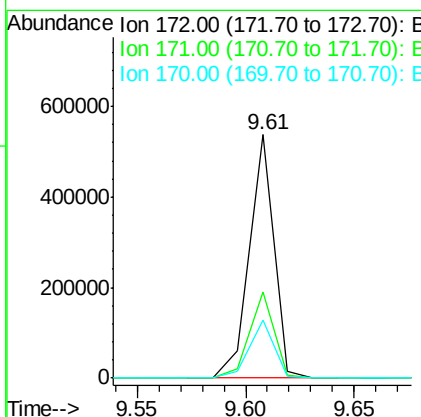
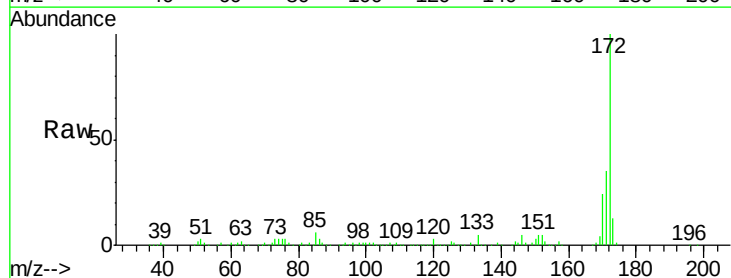
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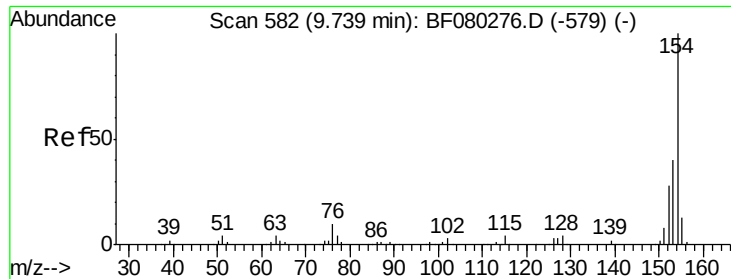
apatel
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#44
 2-Fluorobiphenyl
 Concen: 94.14 ng
 RT: 9.61 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	420597		
171	35.1	28.1	42.1	
170	24.0	18.6	28.0	





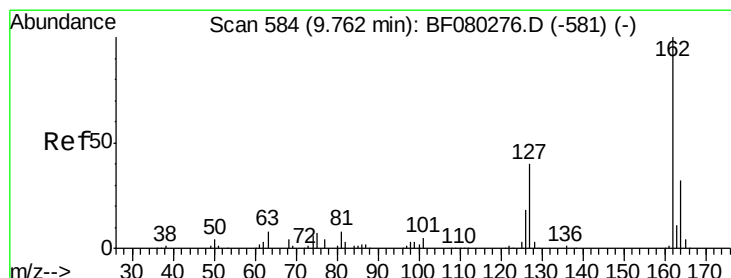
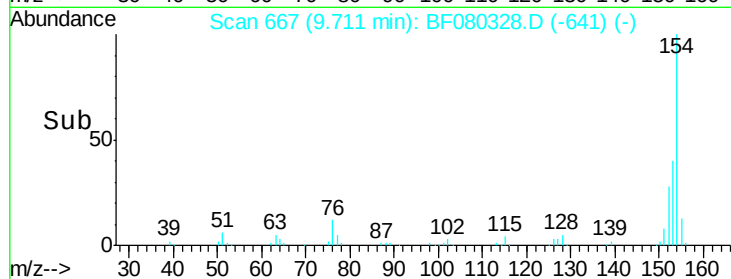
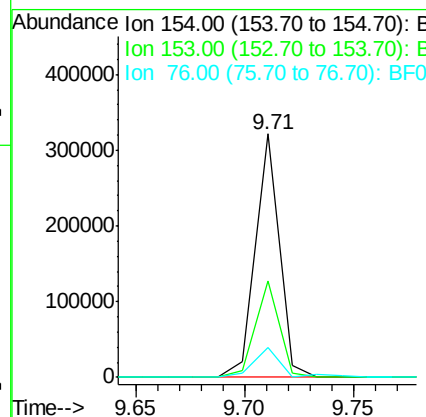
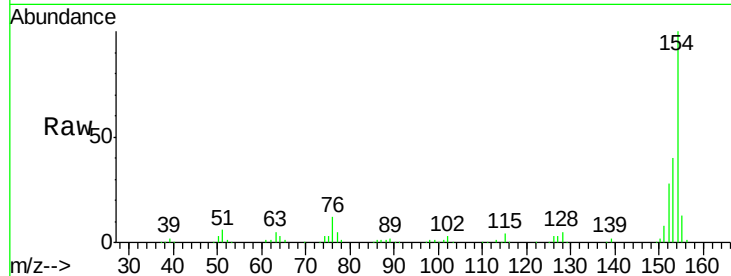
#45
 1,1'-Biphenyl
 Concen: 45.14 ng
 RT: 9.71 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

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

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

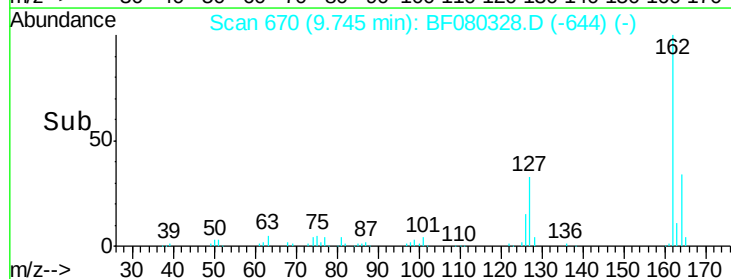
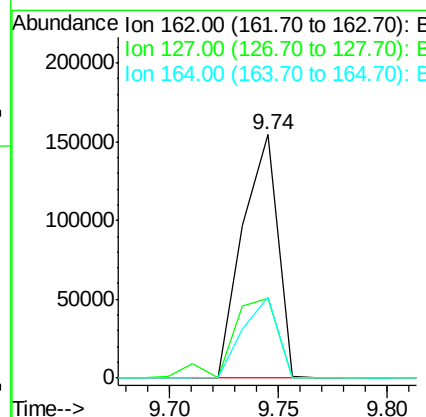
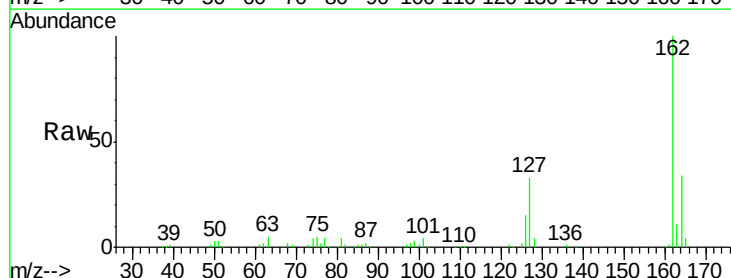
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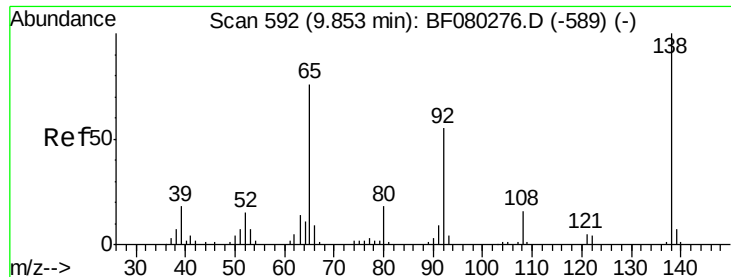
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#46
 2-Chloronaphthalene
 Concen: 41.49 ng
 RT: 9.74 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	32.9	33.4	50.0#
164	33.5	25.3	37.9





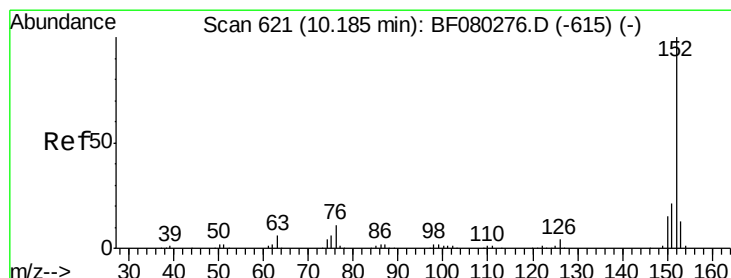
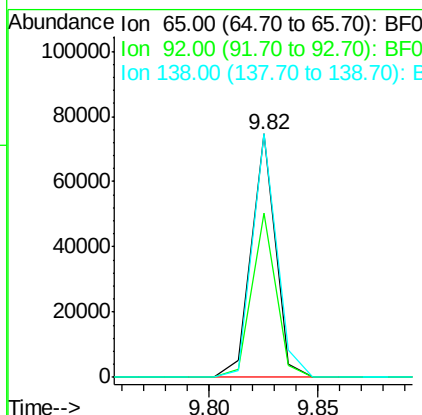
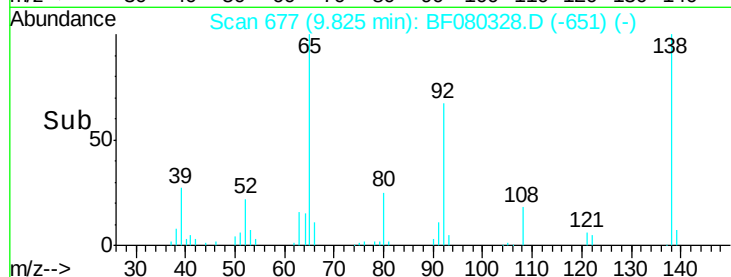
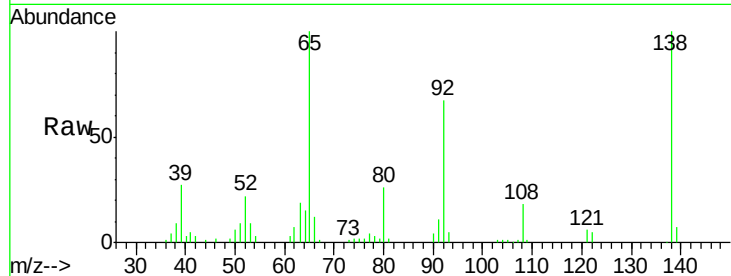
#47
 2-Nitroaniline
 Concen: 47.10 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

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

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

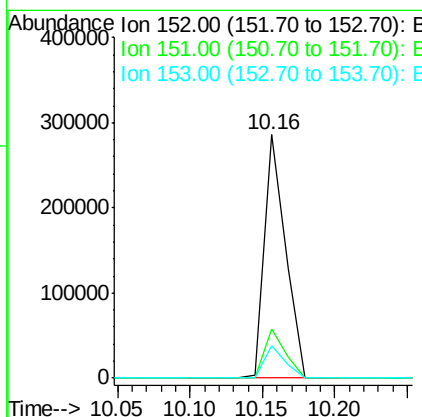
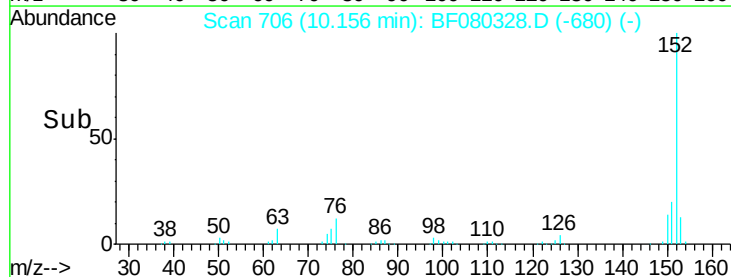
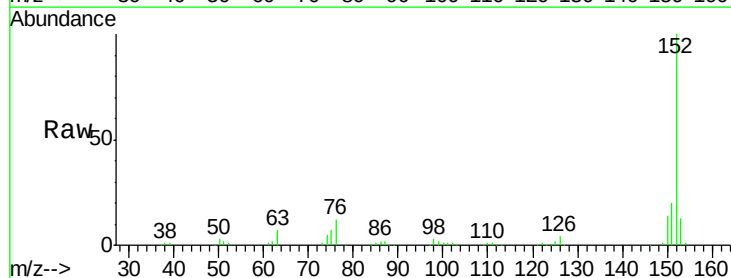
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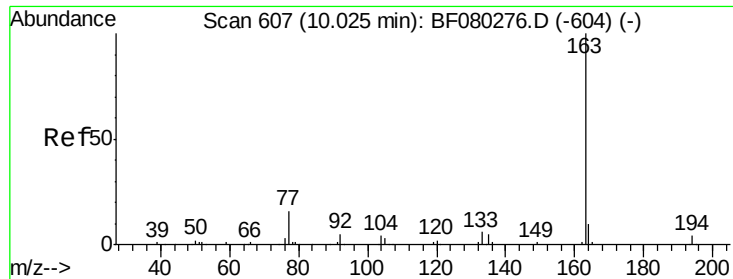
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#48
 Acenaphthylene
 Concen: 39.85 ng
 RT: 10.16 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

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





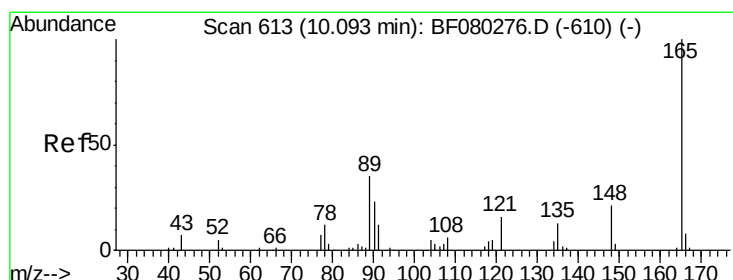
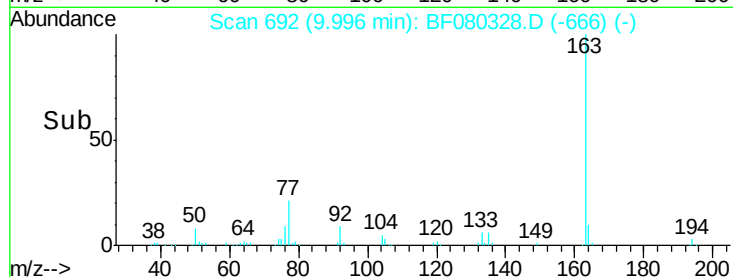
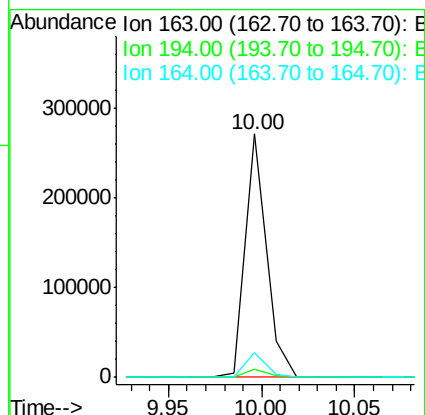
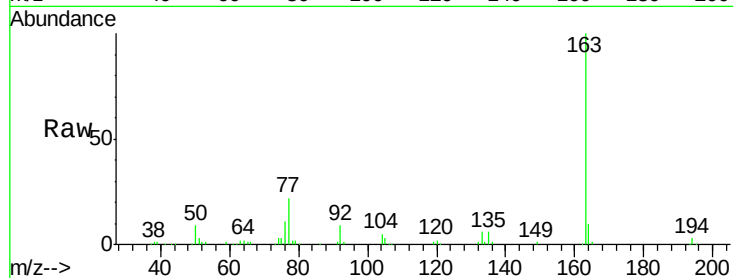
#49
Dimethylphthalate
Concen: 44.93 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

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

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

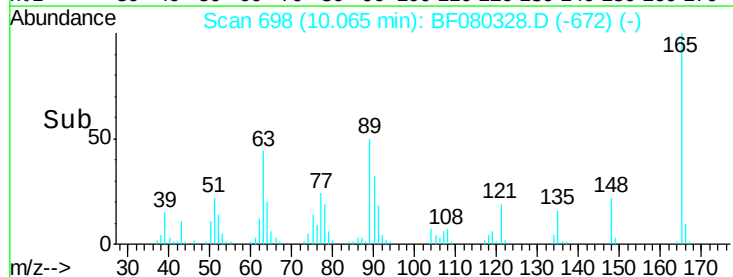
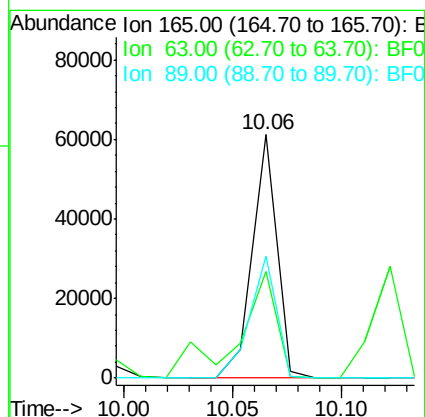
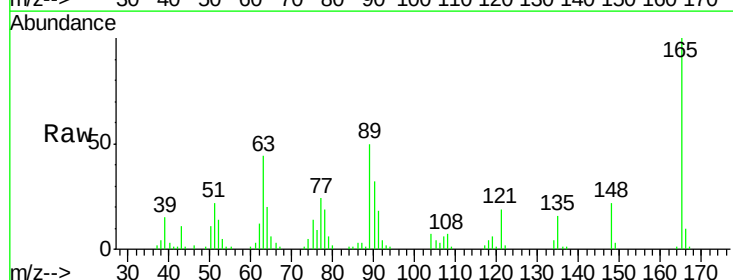
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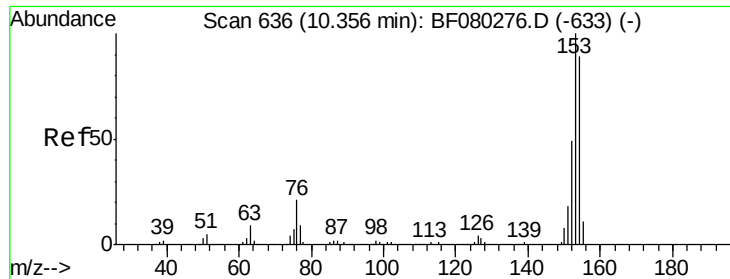
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#50
2,6-Dinitrotoluene
Concen: 47.65 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

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





#51

Acenaphthene

Concen: 44.95 ng

RT: 10.34 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF080328.D

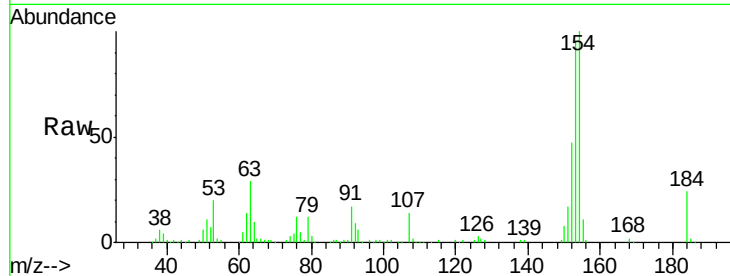
Acq: 3 Jul 2015 7:04

Instrument :

BNA_F

ClientSampleId :

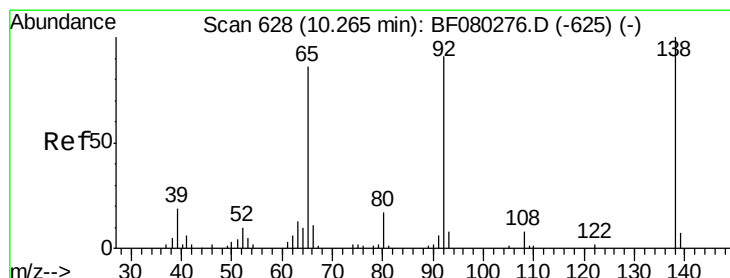
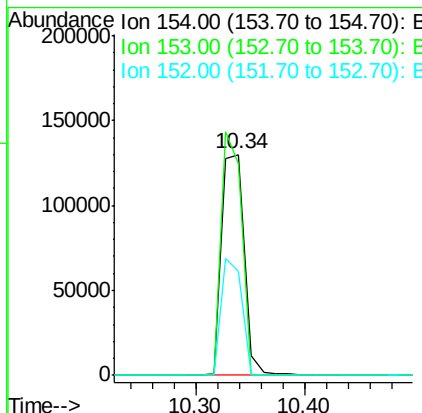
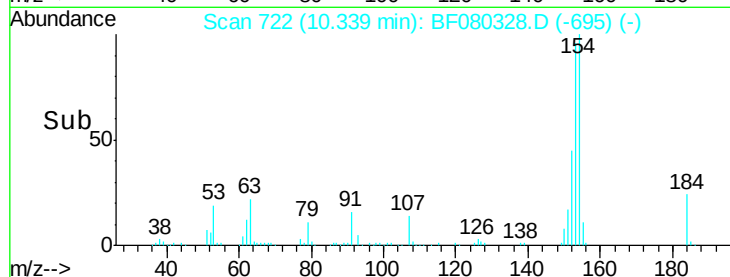
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Tgt Ion	Ratio	Resp	Lower	Upper
154	100	188033		
153	95.9	90.4	135.6	
152	46.9	43.9	65.9	

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#52

3-Nitroaniline

Concen: 32.67 ng

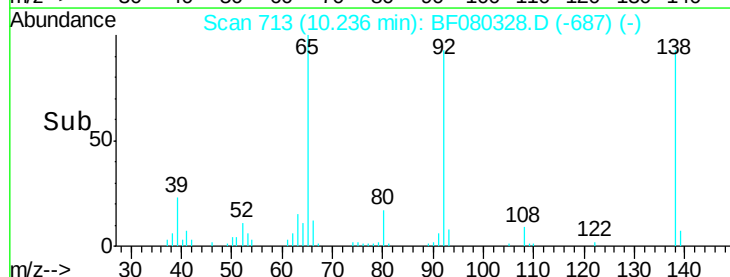
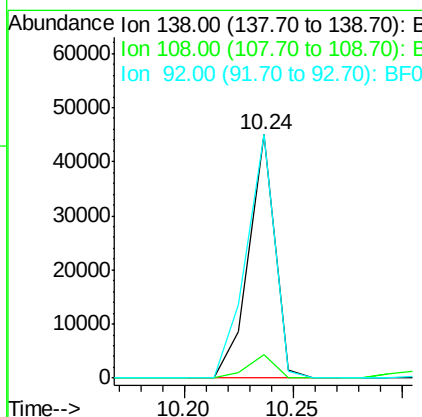
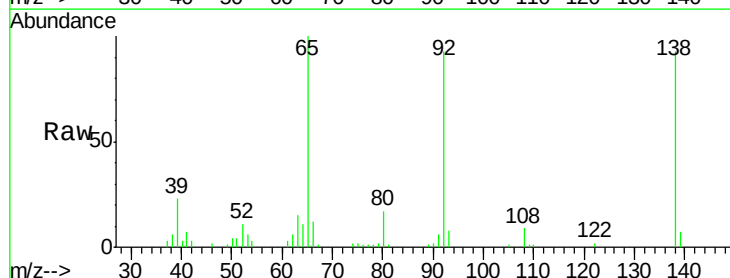
RT: 10.24 min Scan# 713

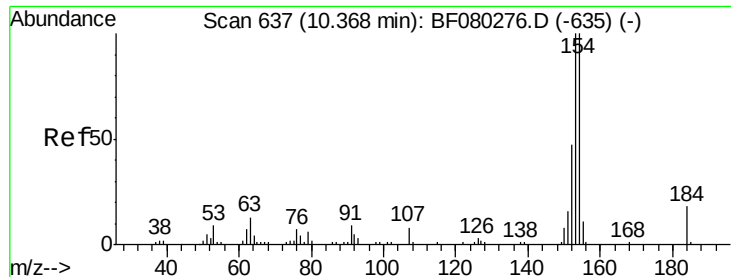
Delta R.T. 0.00 min

Lab File: BF080328.D

Acq: 3 Jul 2015 7:04

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	37756		
108	9.6	6.7	10.1	
92	100.2	72.6	109.0	





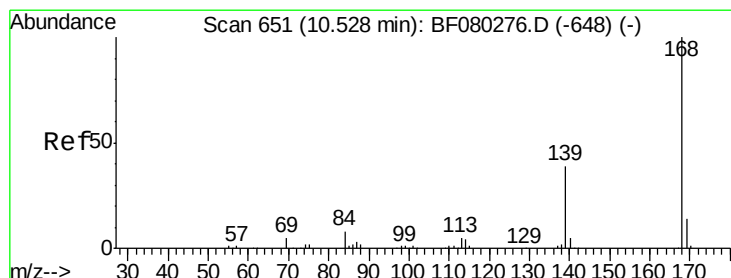
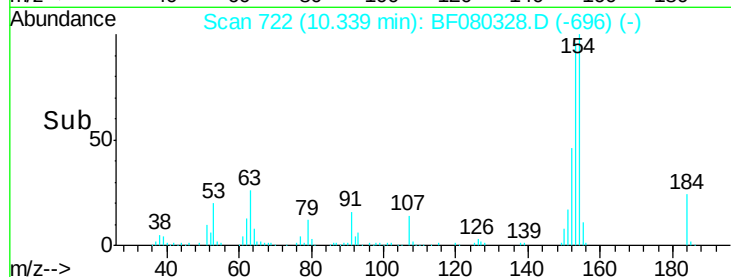
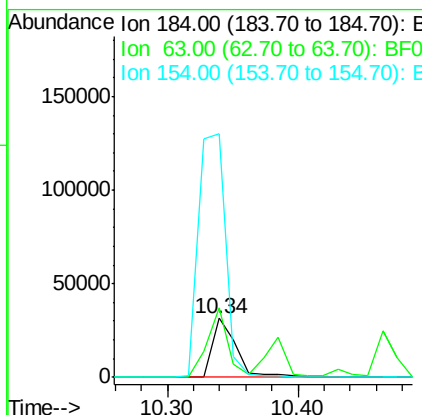
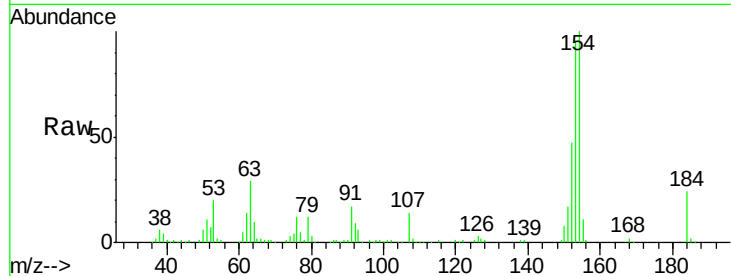
#53
2,4-Dinitrophenol
Concen: 93.87 ng
RT: 10.34 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

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

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

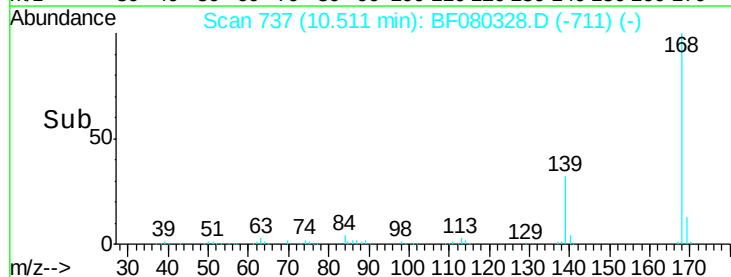
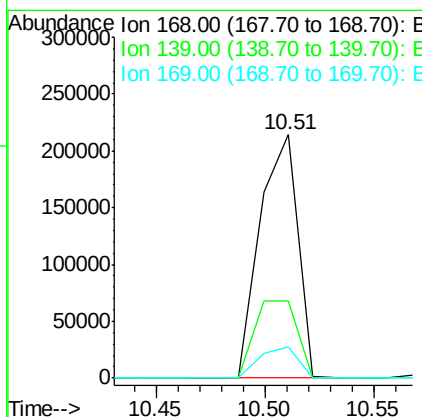
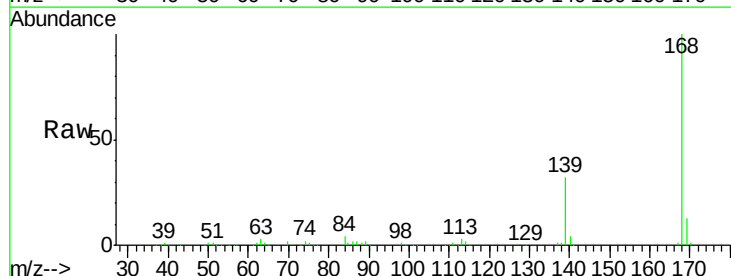
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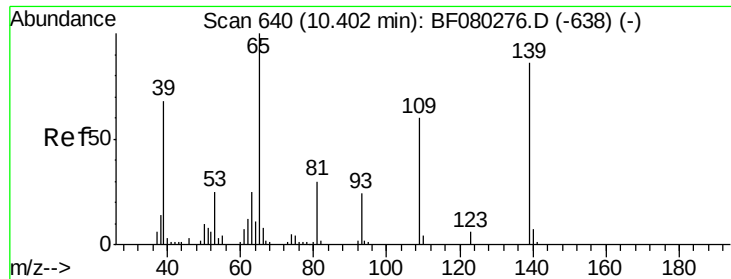
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#54
Dibenzofuran
Concen: 43.87 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

Tgt Ion	Ratio	Lower	Upper
168	100		
139	32.0	31.5	47.3
169	12.7	11.0	16.4





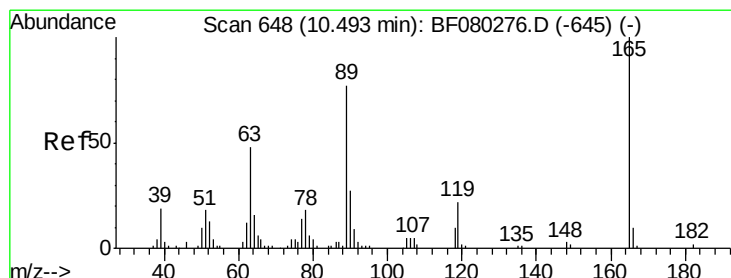
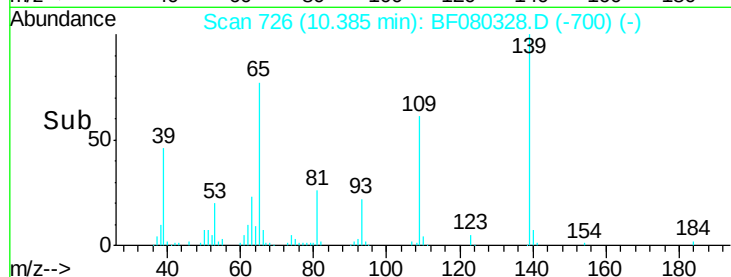
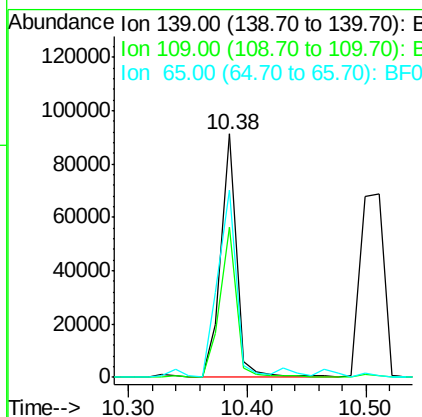
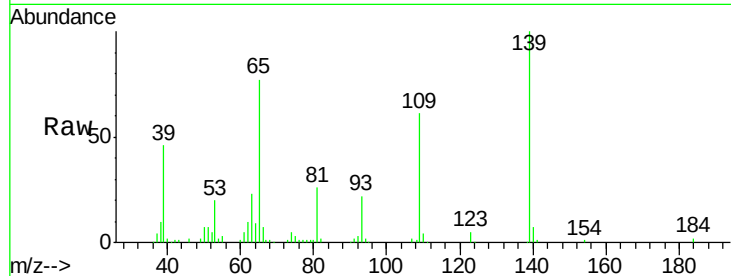
#55
4-Nitrophenol
Concen: 98.25 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

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

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

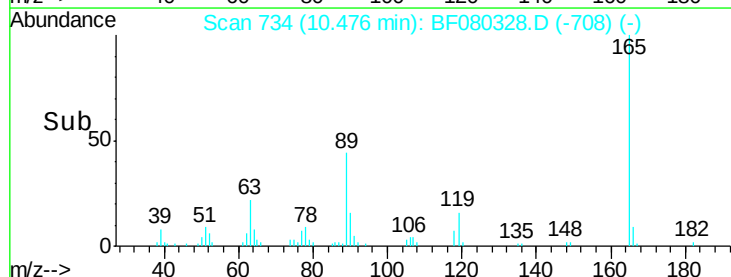
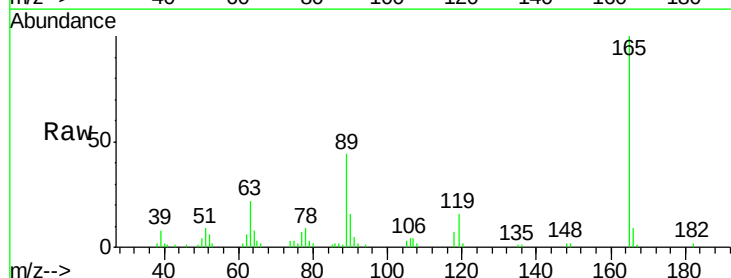
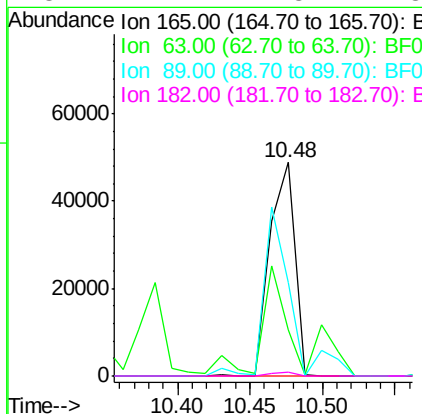
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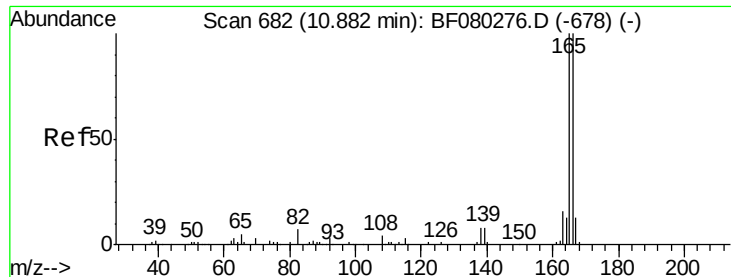
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#56
2,4-Dinitrotoluene
Concen: 45.76 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

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





#57

Fluorene

Concen: 44.51 ng

RT: 10.85 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF080328.D

Acq: 3 Jul 2015 7:04

Instrument :

BNA_F

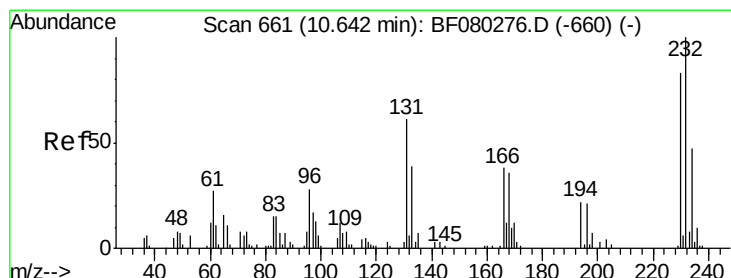
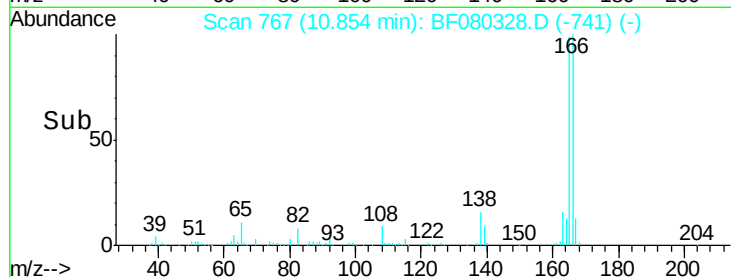
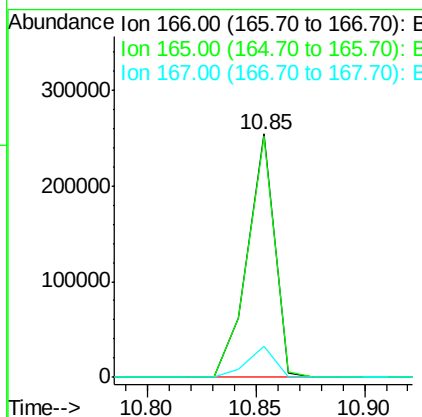
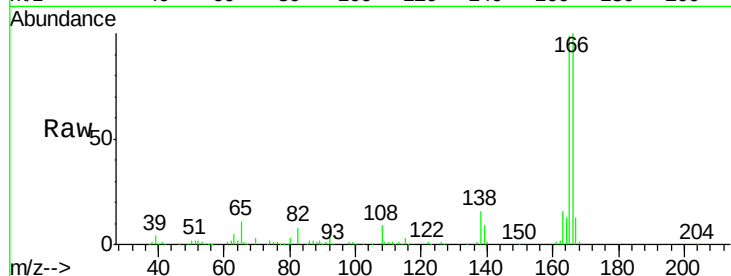
ClientSampleId :

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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

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#58

2,3,4,6-Tetrachlorophenol

Concen: 45.62 ng

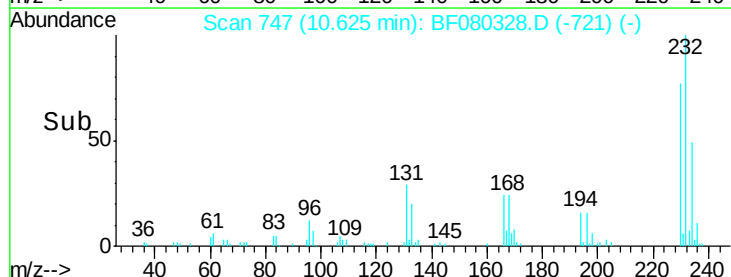
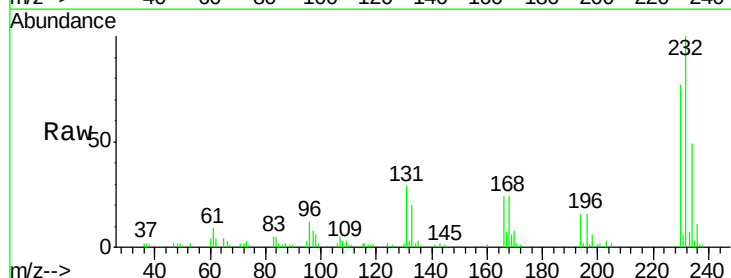
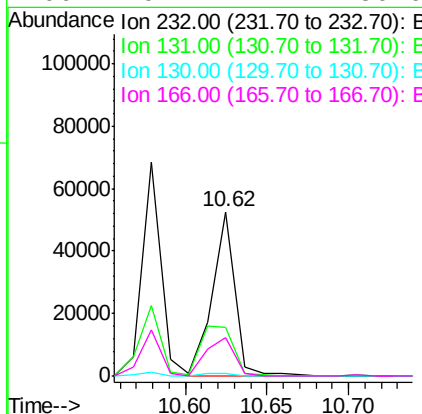
RT: 10.62 min Scan# 747

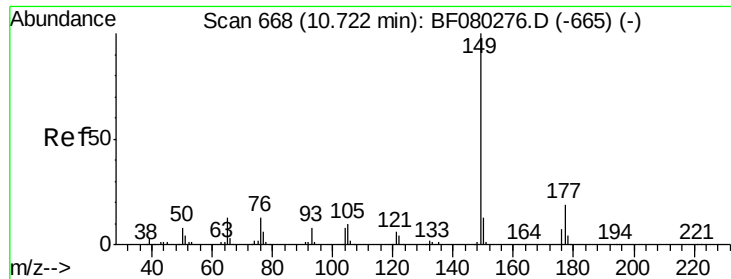
Delta R.T. 0.00 min

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





#59

Diethylphthalate

Concen: 48.48 ng

RT: 10.70 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF080328.D

Acq: 3 Jul 2015 7:04

Instrument :

BNA_F

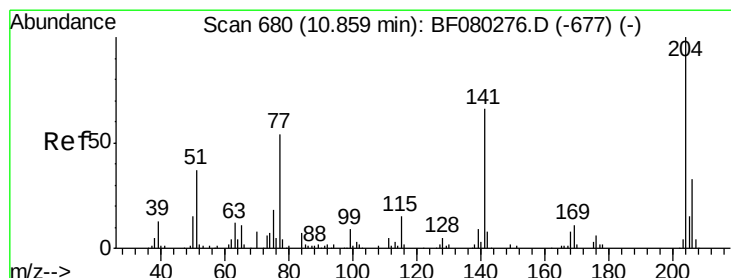
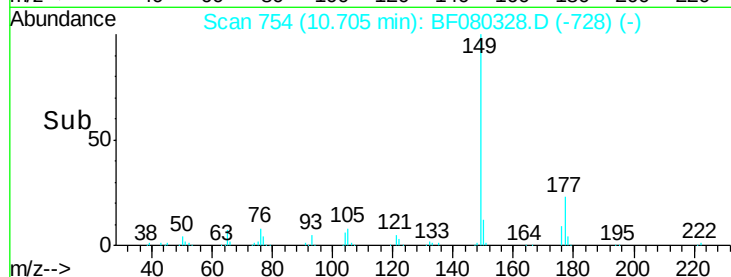
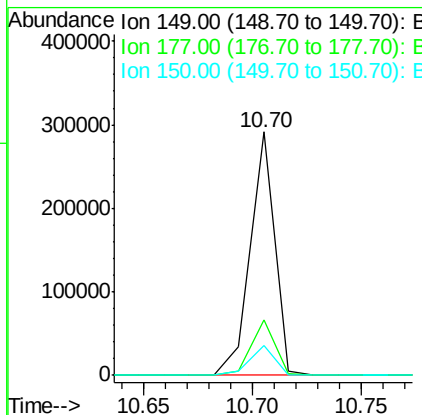
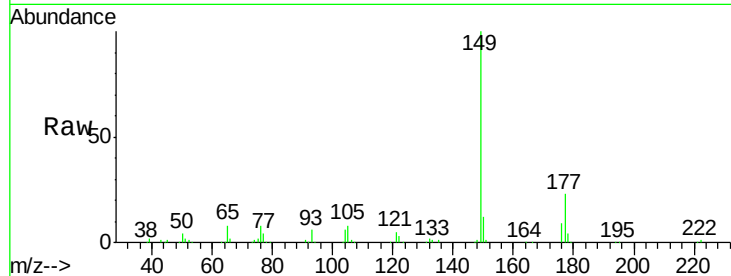
ClientSampleId :

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

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#60

4-Chlorophenyl-phenylether

Concen: 44.15 ng

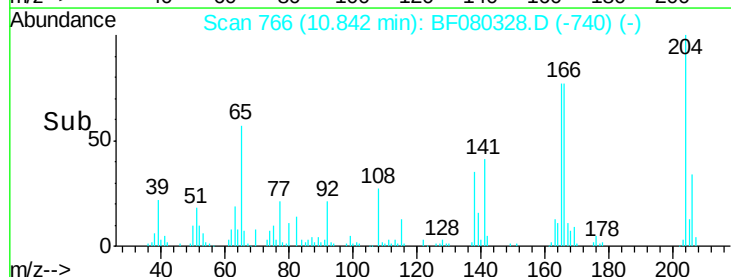
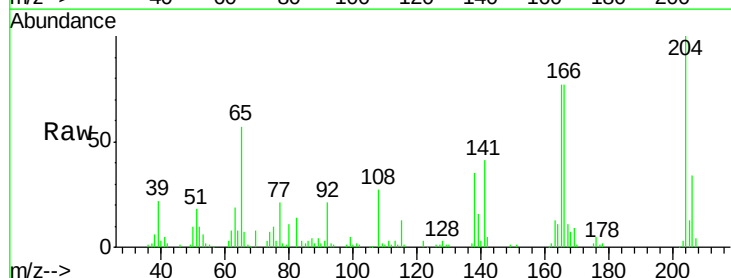
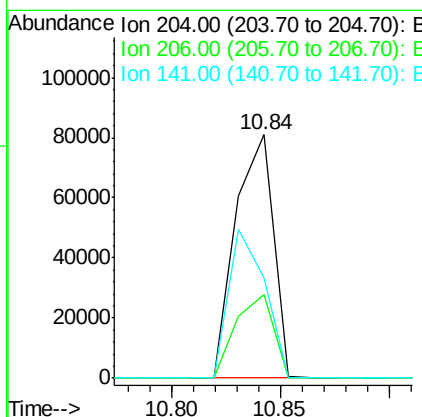
RT: 10.84 min Scan# 766

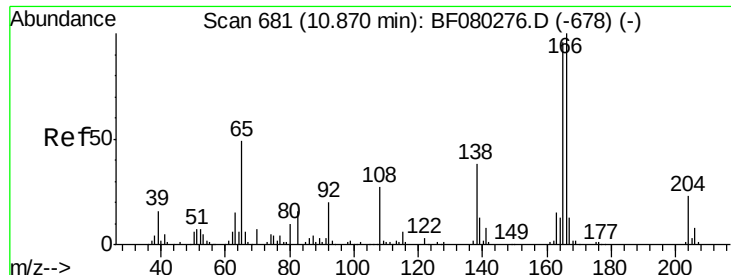
Delta R.T. 0.00 min

Lab File: BF080328.D

Acq: 3 Jul 2015 7:04

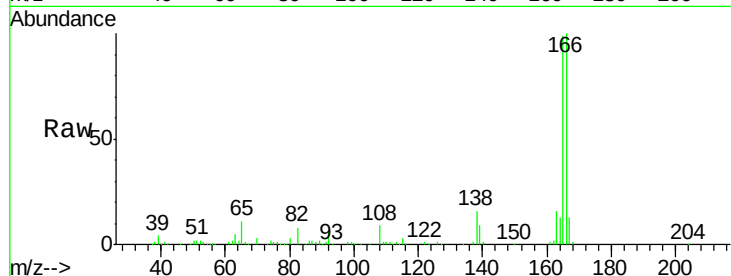
Tgt Ion:	204	Resp:	97542
Ion Ratio	Lower	Upper	
204	100		
206	34.1	26.5	39.7
141	41.3	52.5	78.7#





#61
 4-Nitroaniline
 Concen: 41.52 ng
 RT: 10.85 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

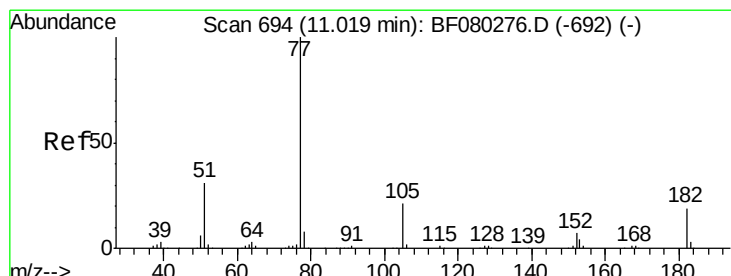
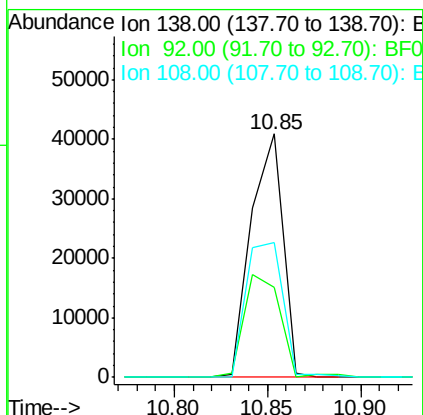
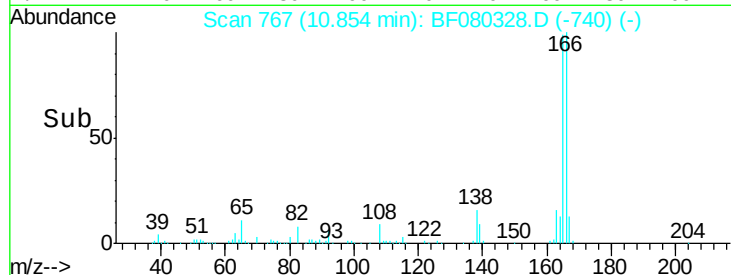
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04-S-UM



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

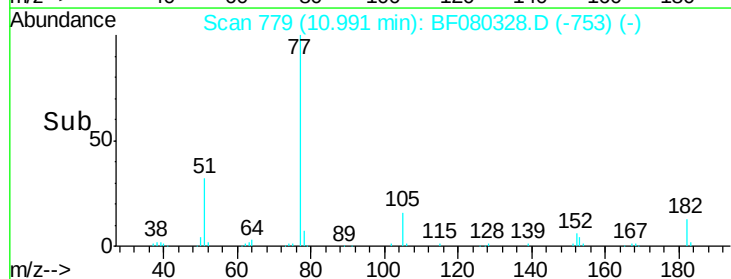
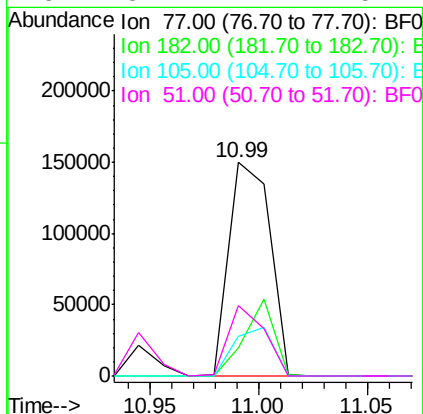
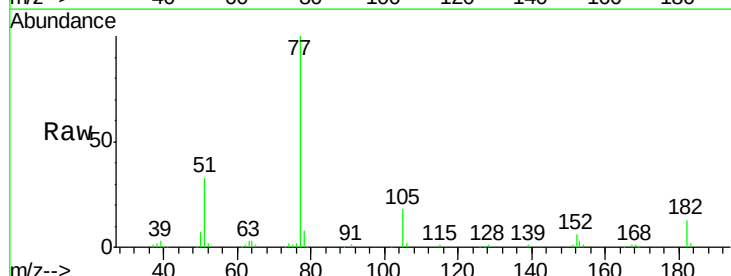
Manual Integrations
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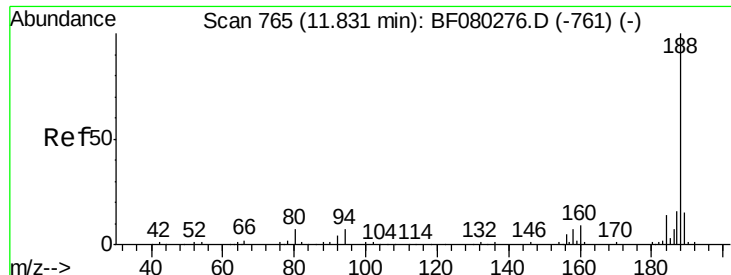
apatel
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#62
 Azobenzene
 Concen: 41.64 ng
 RT: 10.99 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

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





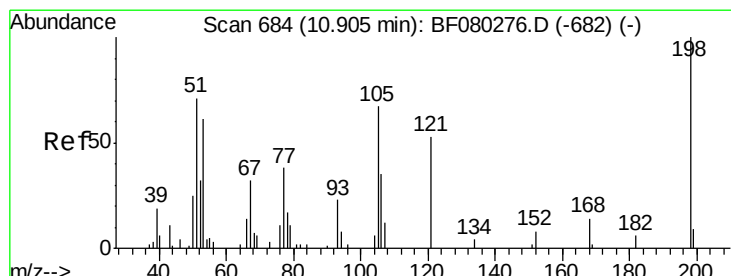
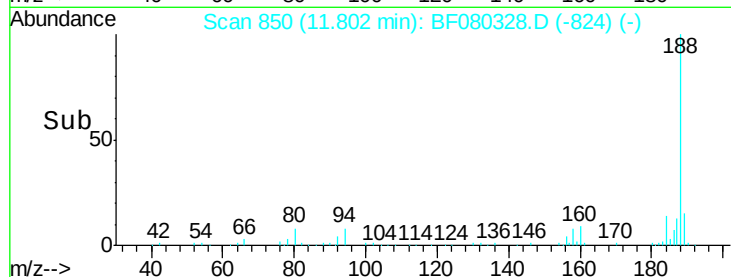
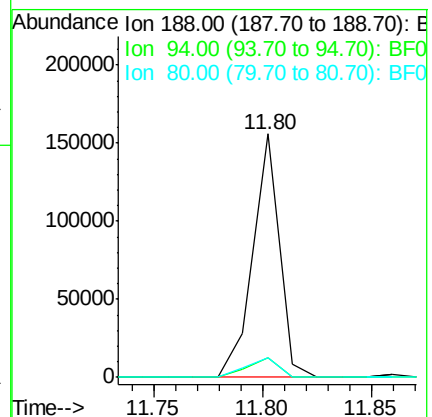
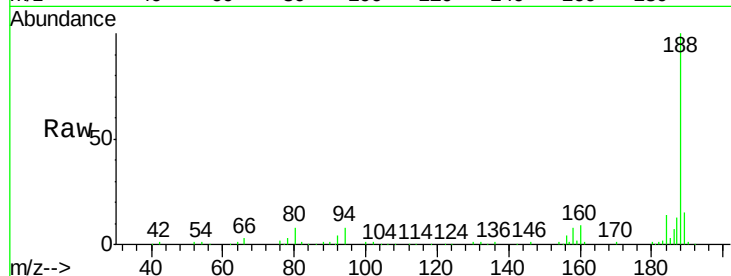
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.80 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

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

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

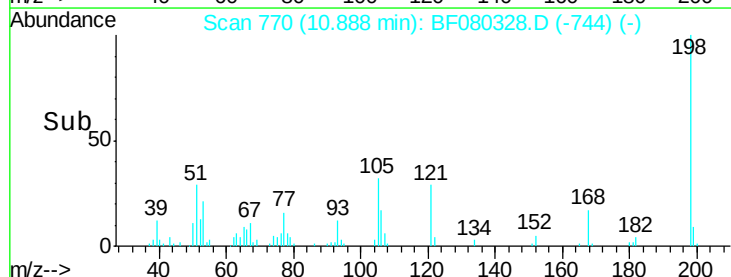
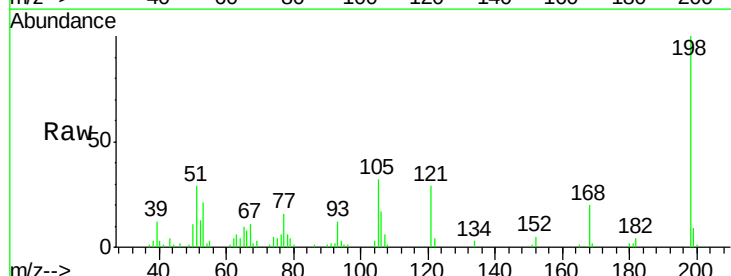
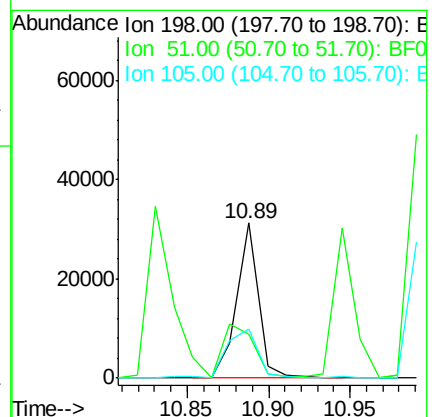
Manual Integrations
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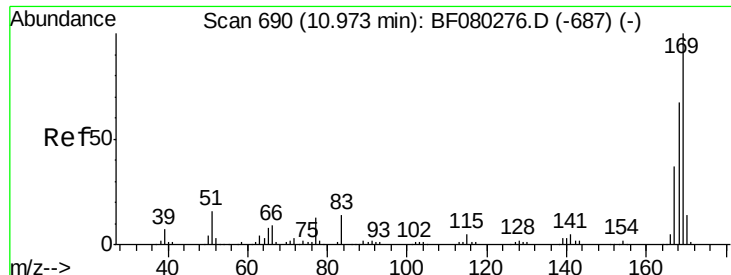
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#64
4,6-Dinitro-2-methylphenol
Concen: 48.41 ng
RT: 10.89 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	28.7	63.7	103.7#
105	31.7	46.9	86.9#





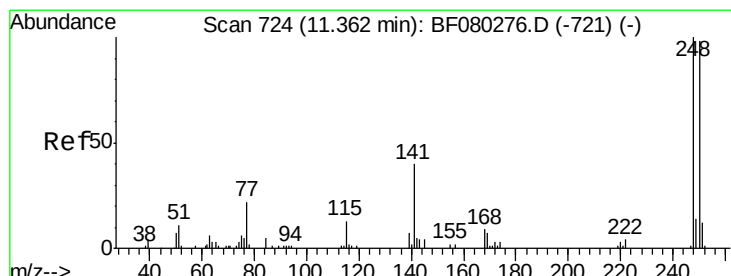
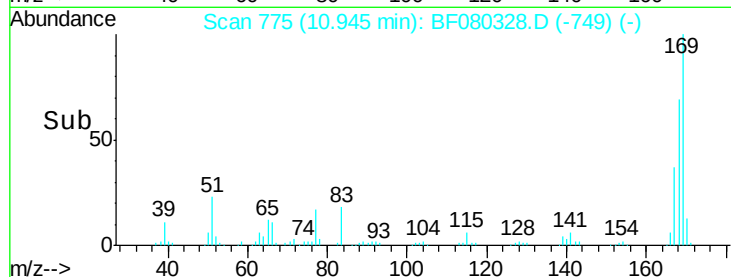
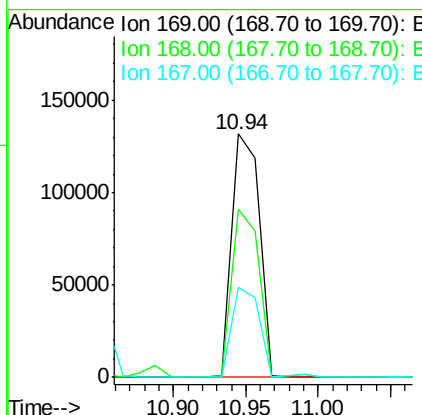
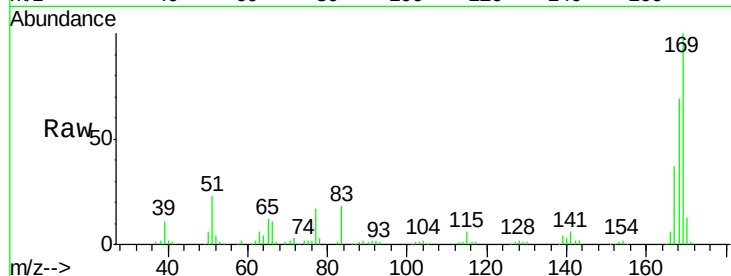
#65
 n-Nitrosodiphenylamine
 Concen: 40.41 ng
 RT: 10.94 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

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

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

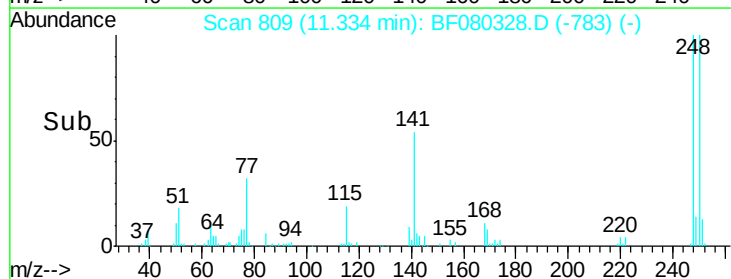
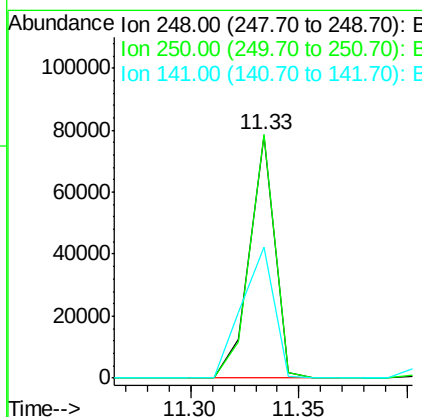
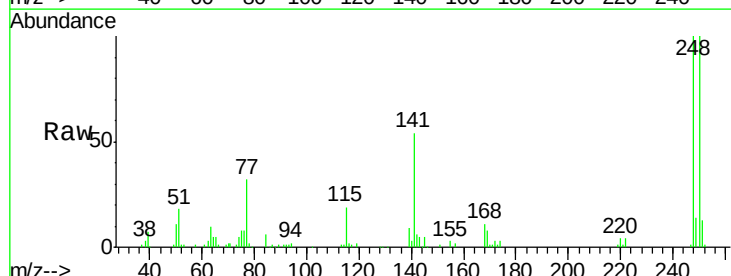
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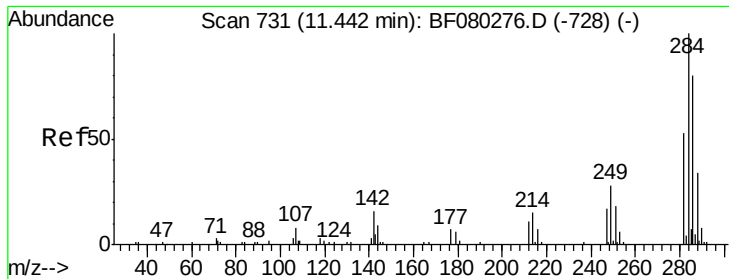
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#66
 4-Bromophenyl-phenylether
 Concen: 44.69 ng
 RT: 11.33 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

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





#67

Hexachlorobenzene

Concen: 44.48 ng

RT: 11.41 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF080328.D

Acq: 3 Jul 2015 7:04

Instrument :

BNA_F

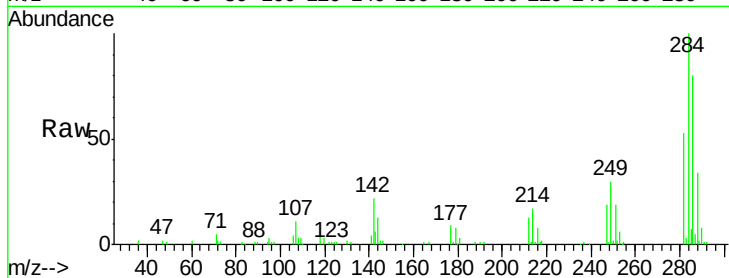
ClientSampleId :

IDOC-04-S-UM

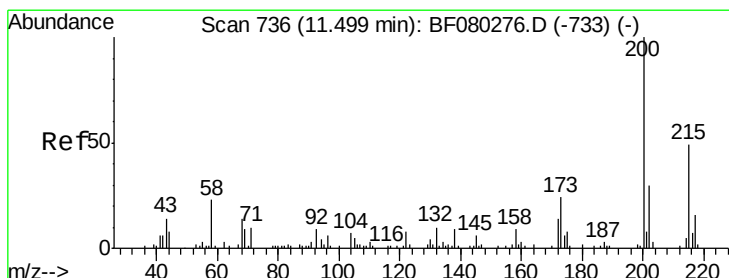
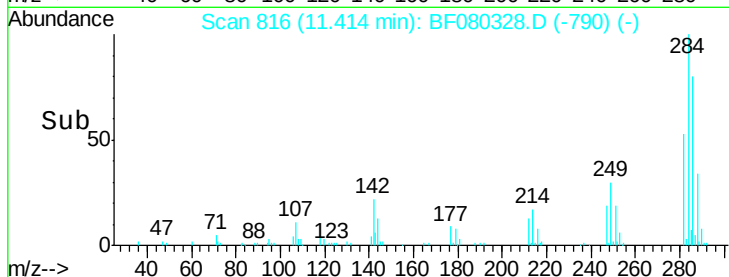
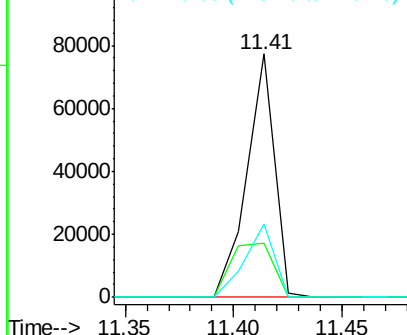
Tgt Ion:	284	Resp:	68139
Ion Ratio	Lower	Upper	
284	100		
142	22.1	12.5	18.7#
249	30.0	22.4	33.6

Manual Integrations
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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: 45.49 ng

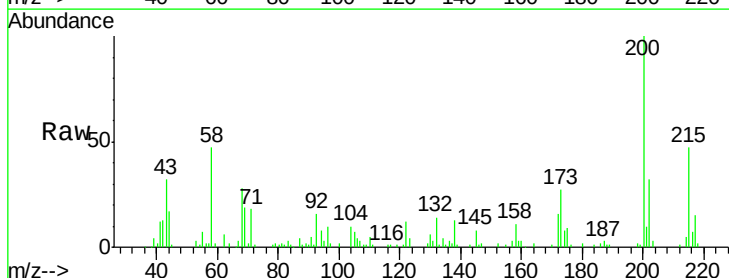
RT: 11.47 min Scan# 821

Delta R.T. 0.00 min

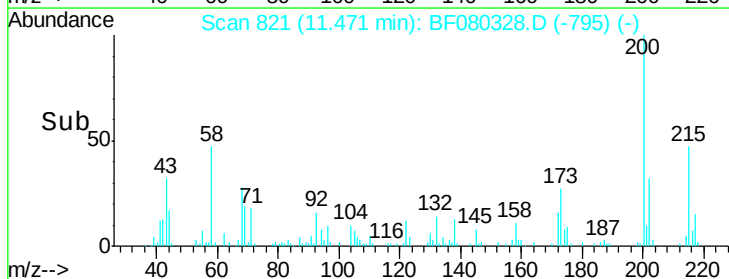
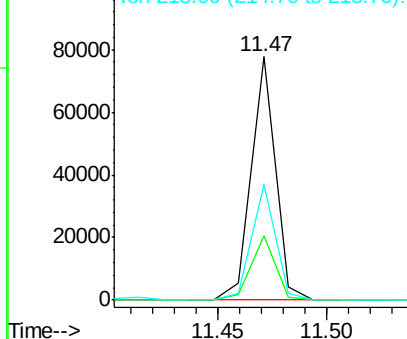
Lab File: BF080328.D

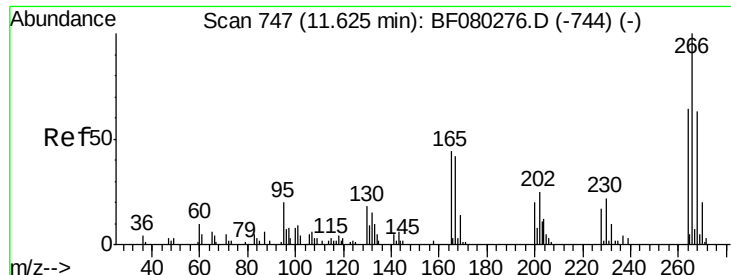
Acq: 3 Jul 2015 7:04

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





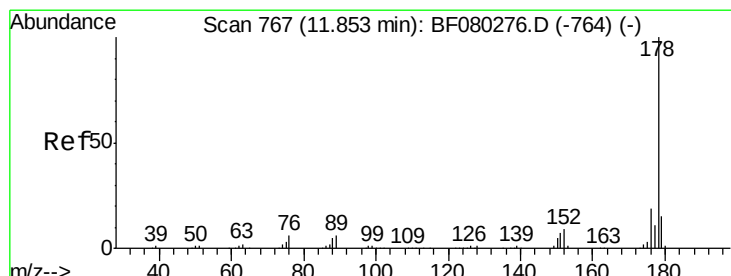
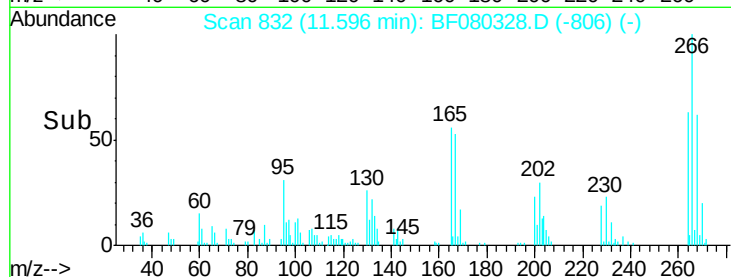
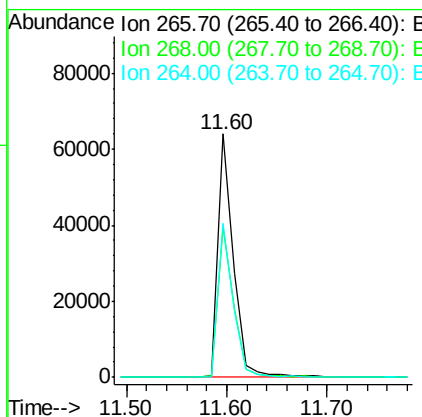
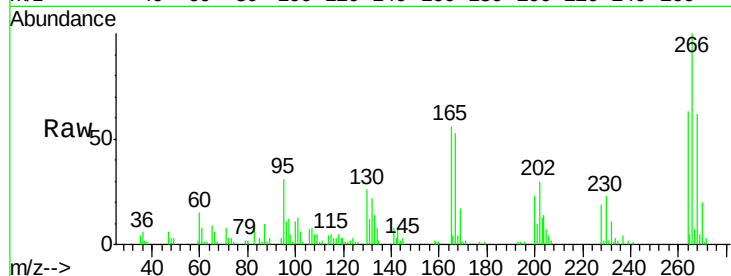
#69
 Pentachlorophenol
 Concen: 81.43 ng
 RT: 11.60 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

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

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

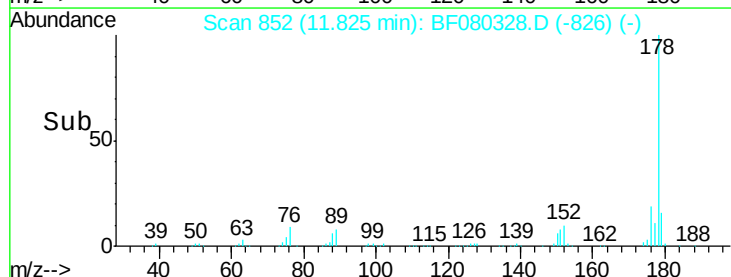
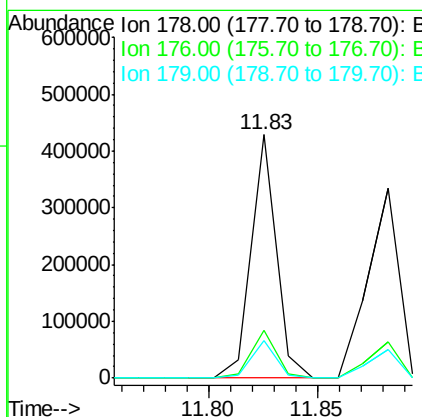
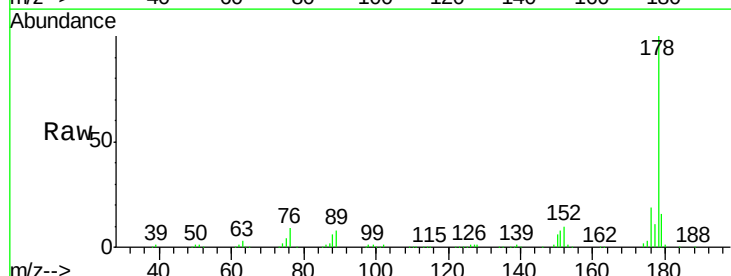
Manual Integrations
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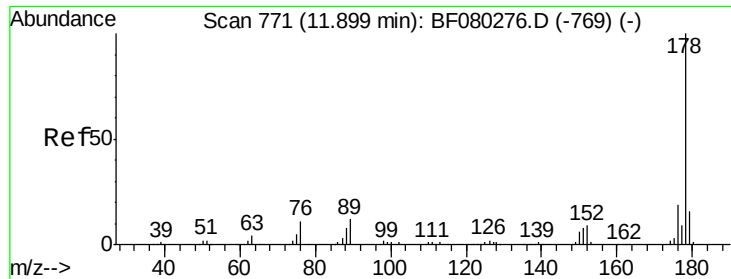
apatel
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#70
 Phenanthrene
 Concen: 43.35 ng
 RT: 11.83 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

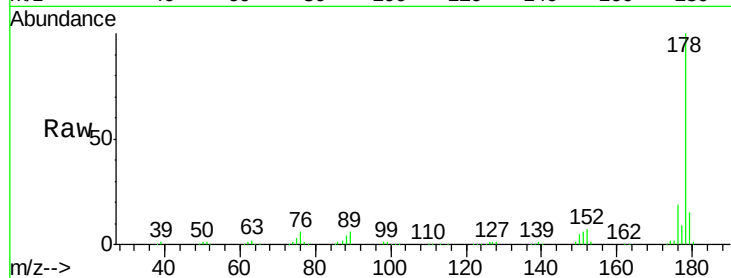
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	343594		
176	19.5	15.6	23.4	
179	15.5	12.2	18.2	





#71
 Anthracene
 Concen: 43.51 ng
 RT: 11.88 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

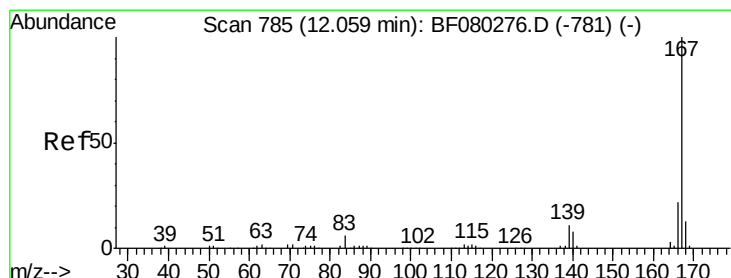
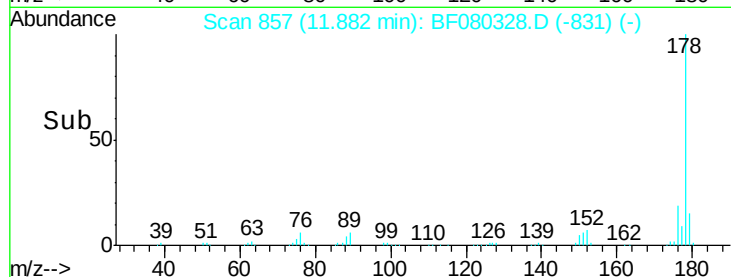
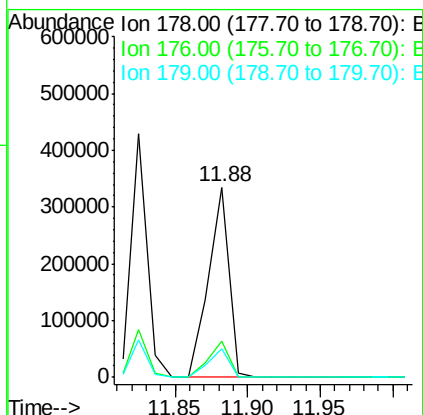
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04-S-UM



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

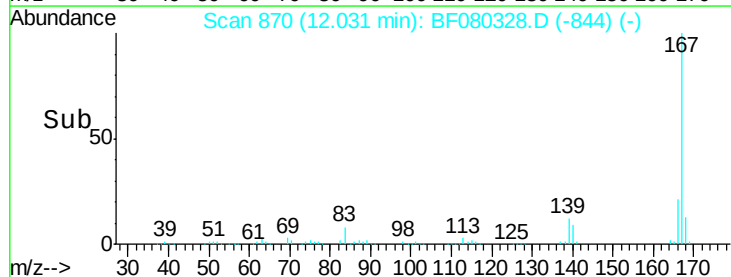
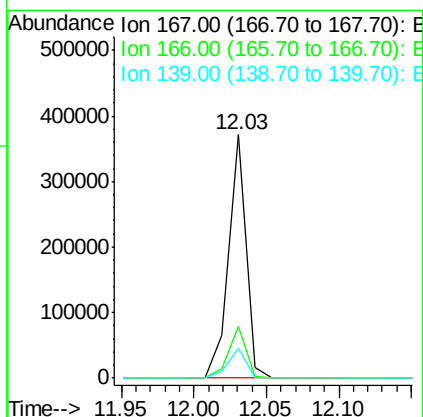
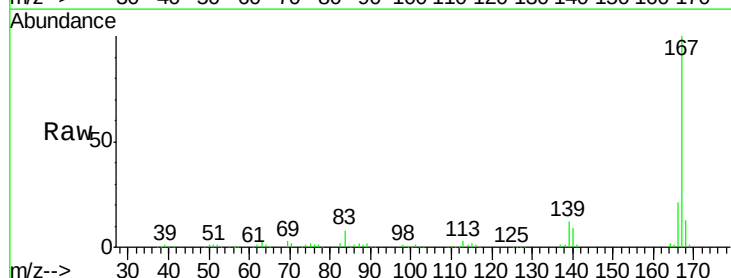
Manual Integrations
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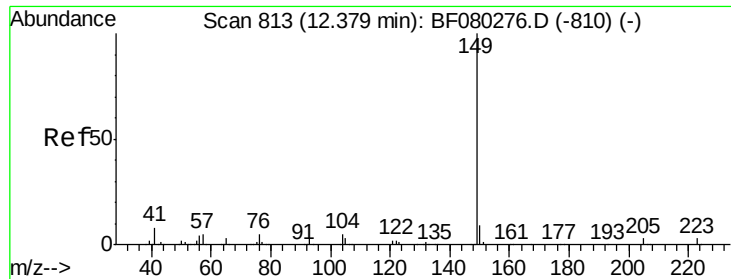
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#72
 Carbazole
 Concen: 43.38 ng
 RT: 12.03 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

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





#73

Di-n-butylphthalate

Concen: 44.98 ng

RT: 12.36 min Scan# 899

Delta R.T. 0.01 min

Lab File: BF080328.D

Acq: 3 Jul 2015 7:04

Instrument :

BNA_F

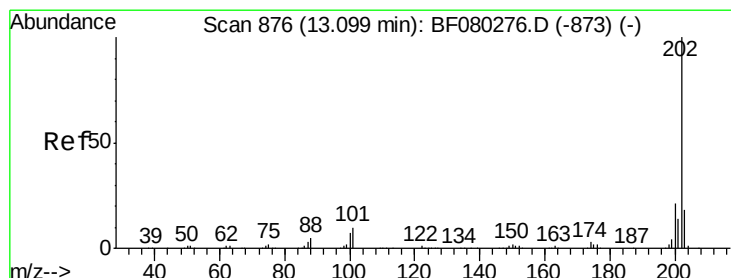
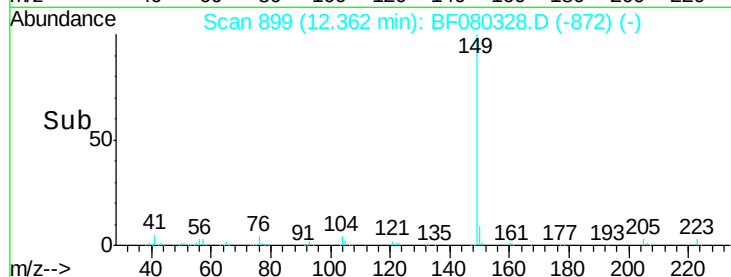
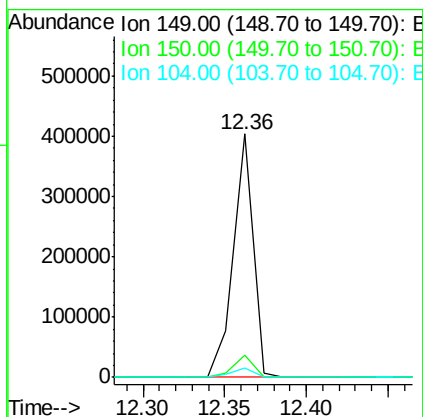
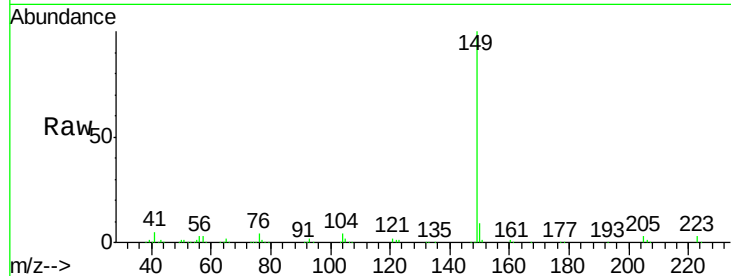
ClientSampleId :

IDOC-04-S-UM

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

Manual Integrations
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#74

Fluoranthene

Concen: 43.62 ng

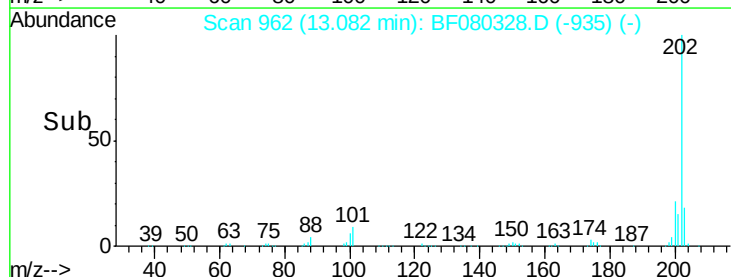
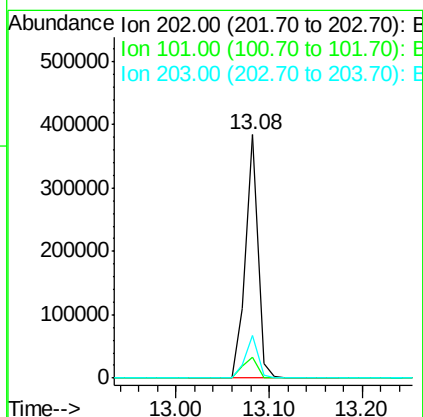
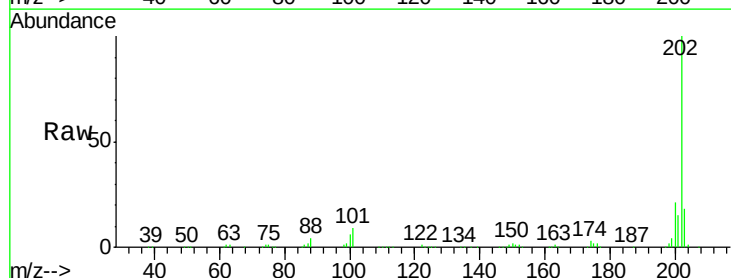
RT: 13.08 min Scan# 962

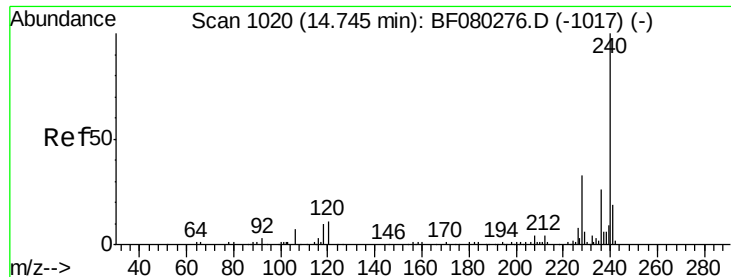
Delta R.T. 0.01 min

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. 0.03 min

Lab File: BF080328.D

Acq: 3 Jul 2015 7:04

Instrument :

BNA_F

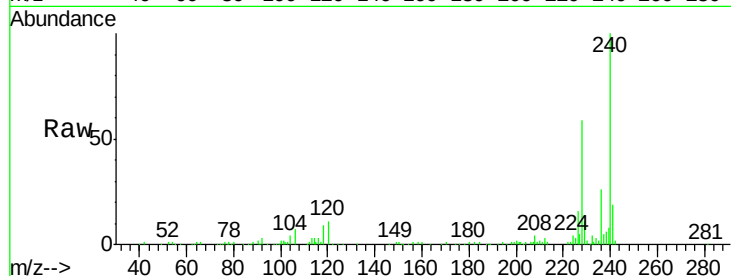
ClientSampleId :

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

Manual Integrations
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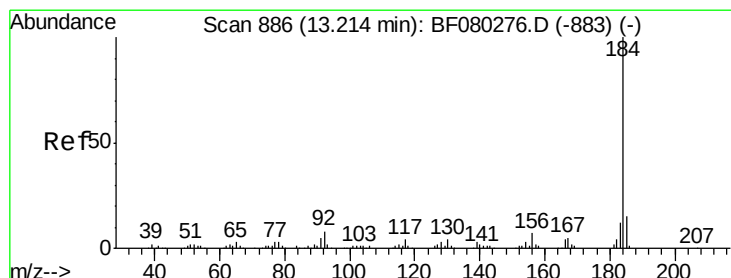
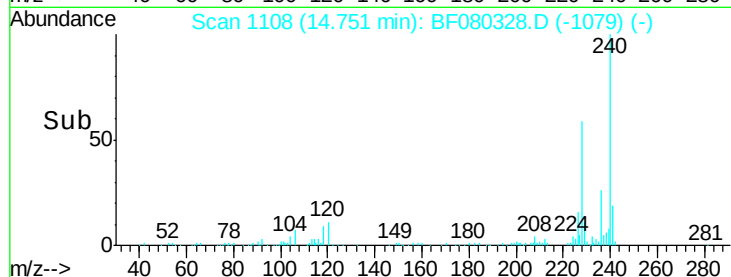
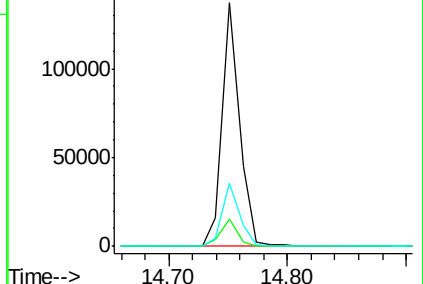
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.11 ng

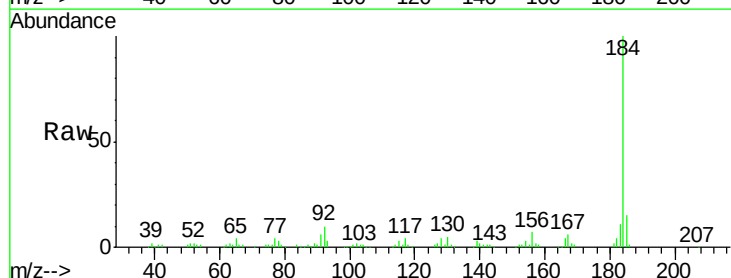
RT: 13.20 min Scan# 972

Delta R.T. 0.01 min

Lab File: BF080328.D

Acq: 3 Jul 2015 7:04

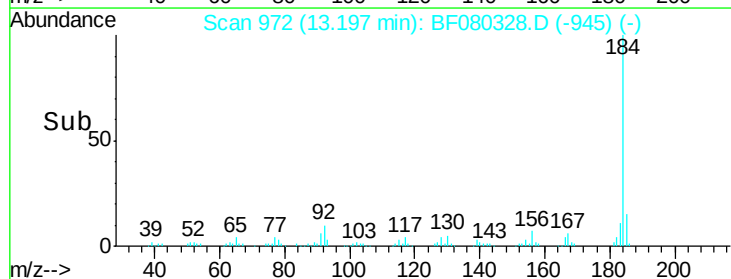
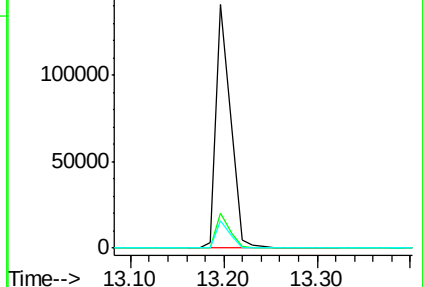
Tgt Ion:	184	Resp:	152122
Ion Ratio	Lower	Upper	
184	100		
185	14.6	11.8	17.6
183	11.1	9.4	14.0

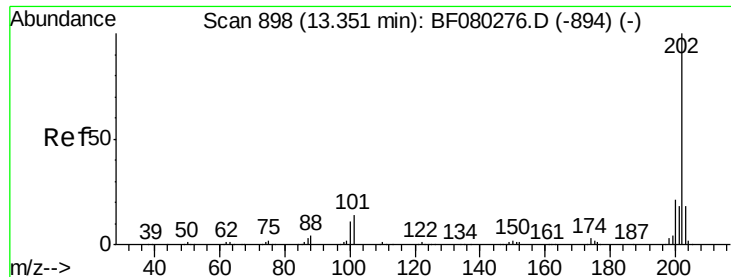


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





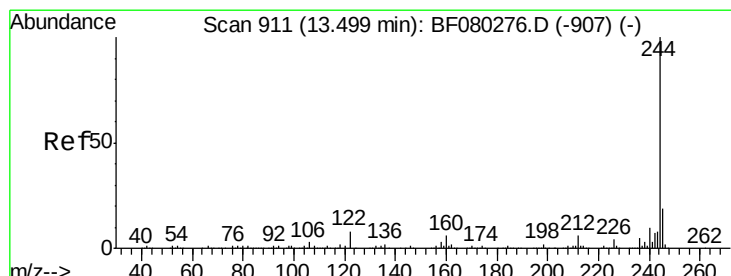
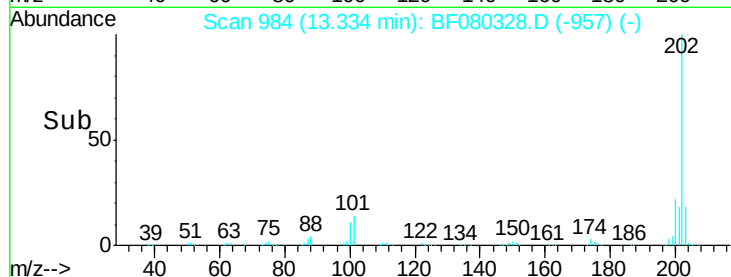
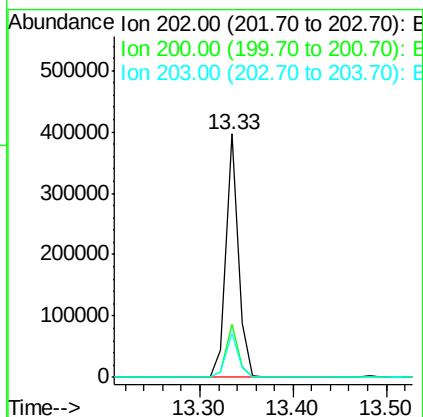
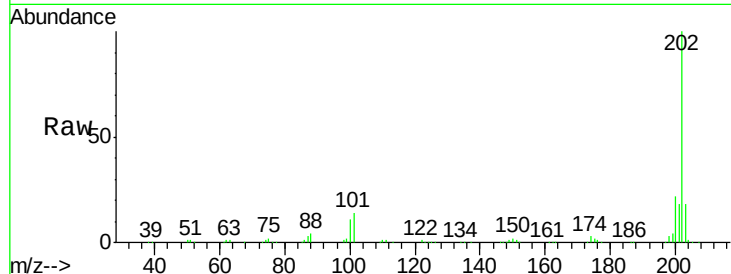
#77
 Pyrene
 Concen: 41.68 ng
 RT: 13.33 min Scan# 984
 Delta R.T. 0.01 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

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

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

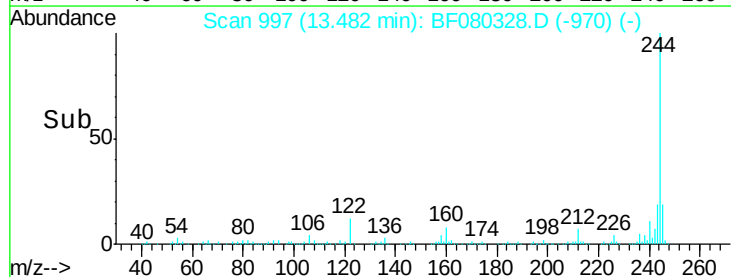
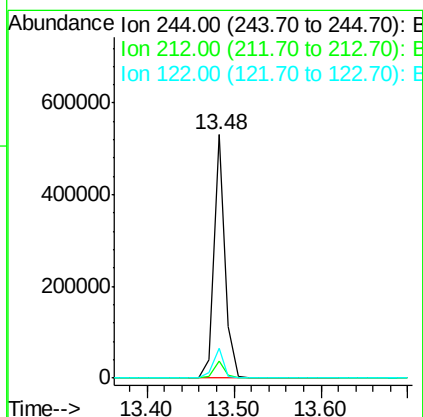
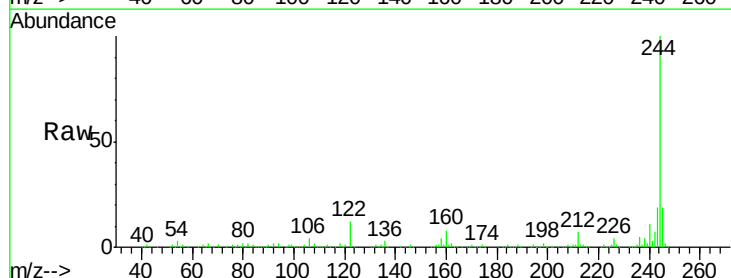
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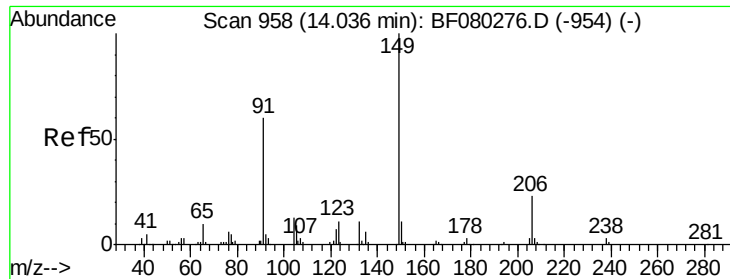
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#78
 Terphenyl-d14
 Concen: 80.22 ng
 RT: 13.48 min Scan# 997
 Delta R.T. 0.01 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.2	5.0	7.6
122	12.2	6.6	9.8





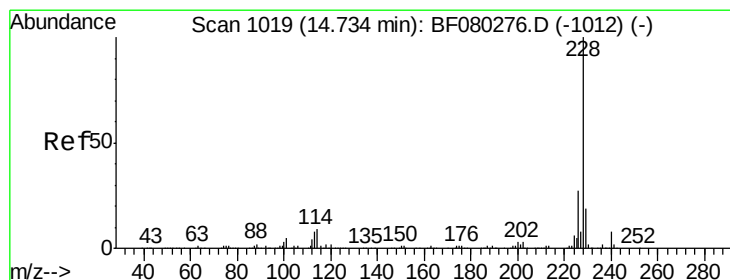
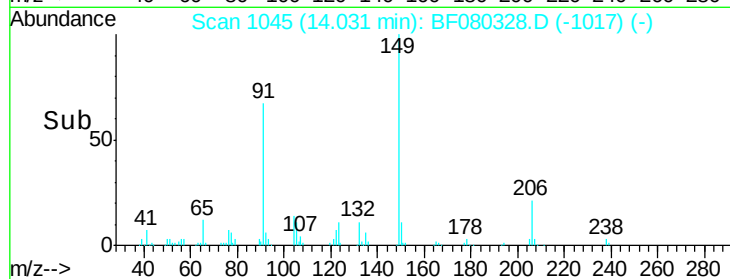
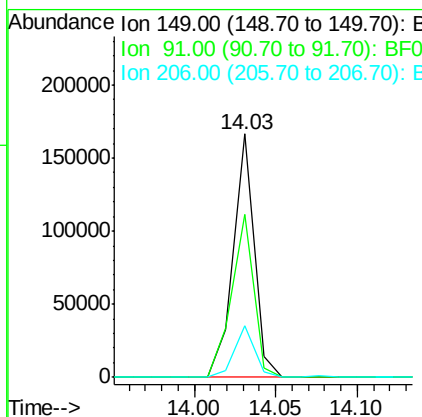
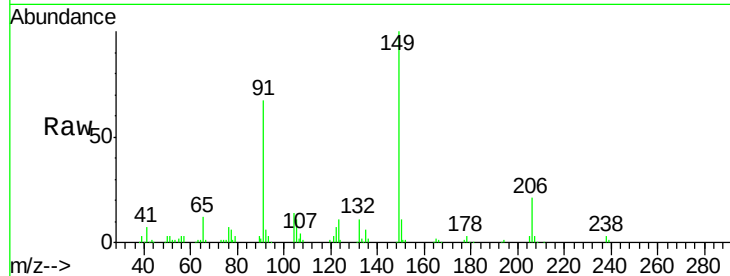
#79
Butylbenzylphthalate
Concen: 43.47 ng
RT: 14.03 min Scan# 1045
Delta R.T. 0.02 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

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

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

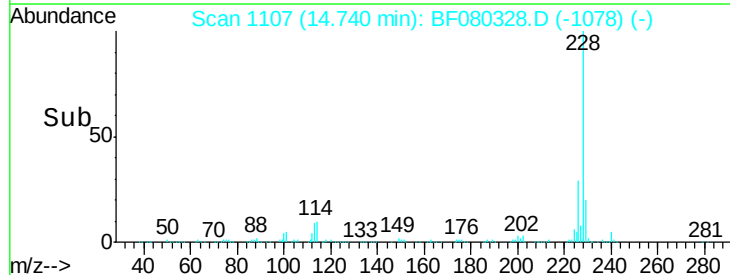
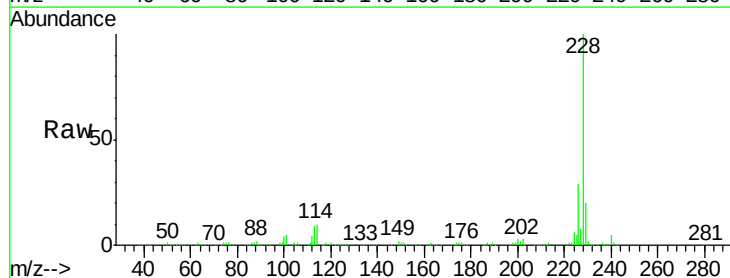
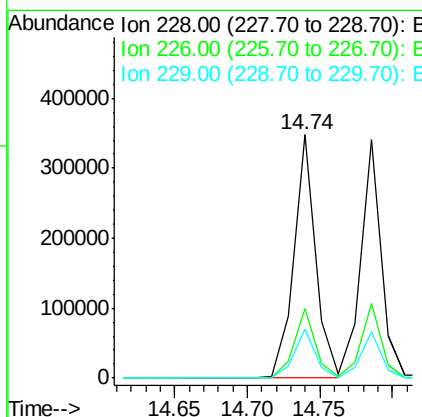
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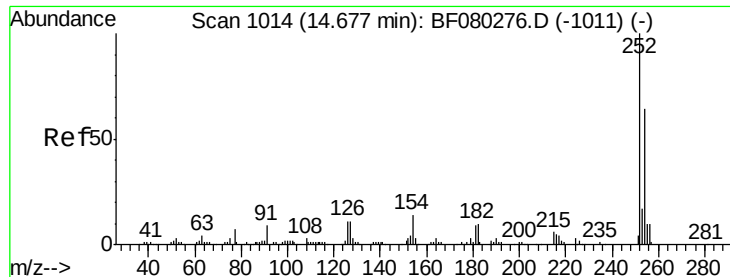
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#80
Benzo(a)anthracene
Concen: 42.61 ng
RT: 14.74 min Scan# 1107
Delta R.T. 0.03 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

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





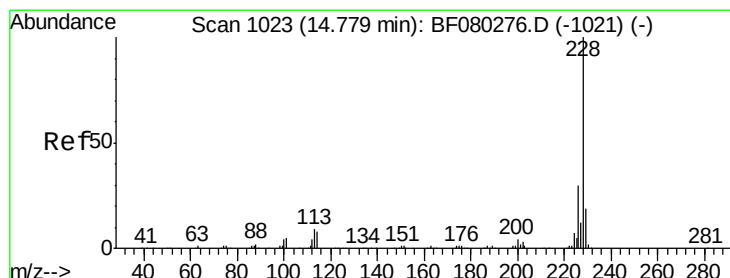
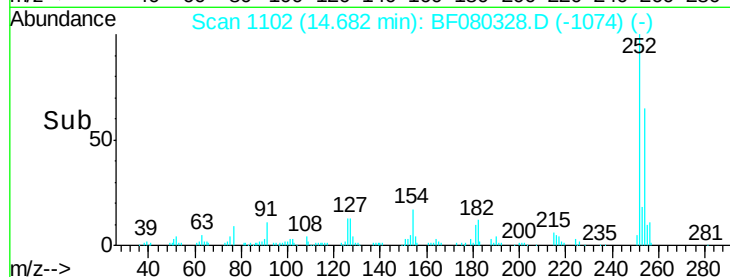
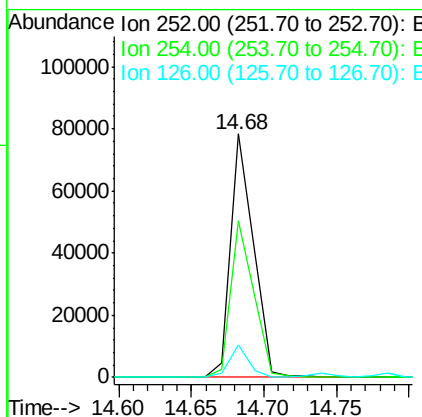
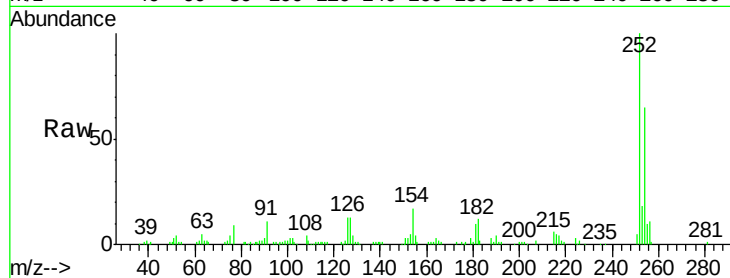
#81
 3,3'-Dichlorobenzidine
 Concen: 31.30 ng
 RT: 14.68 min Scan# 1102
 Delta R.T. 0.02 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

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

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

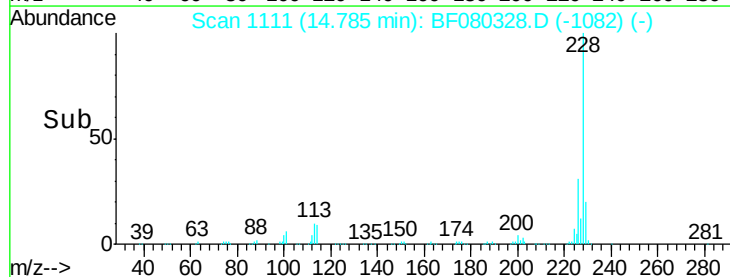
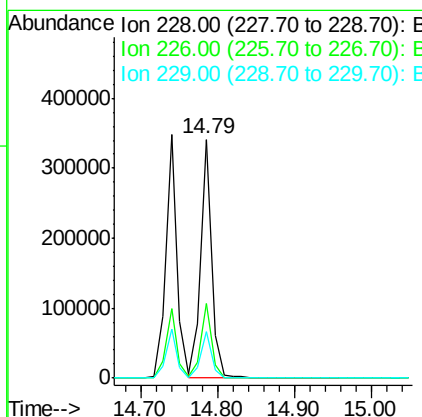
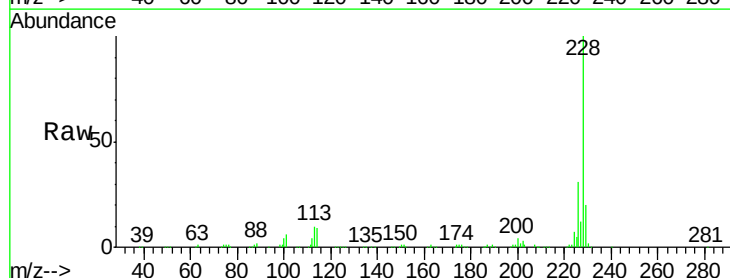
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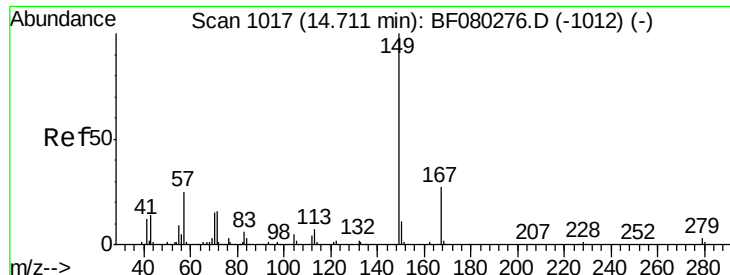
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#82
 Chrysene
 Concen: 43.79 ng
 RT: 14.79 min Scan# 1111
 Delta R.T. 0.03 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

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





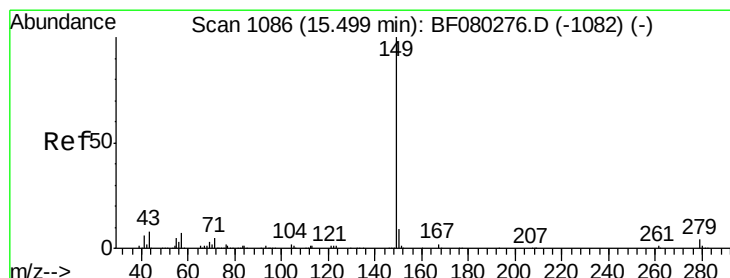
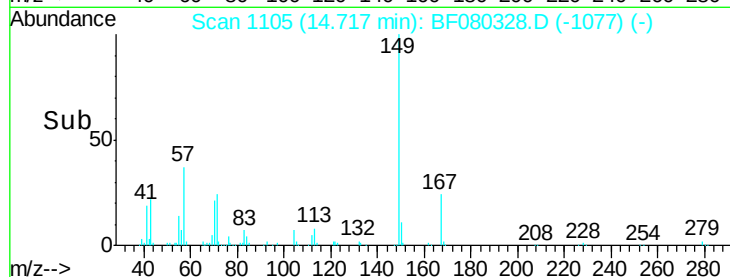
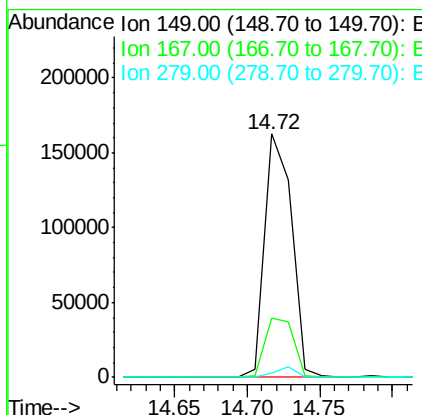
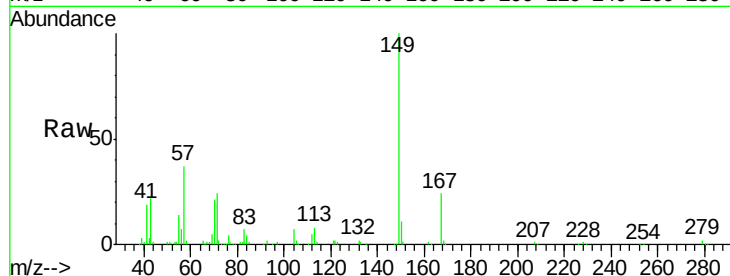
#83
Bis(2-ethylhexyl)phthalate
Concen: 44.61 ng
RT: 14.72 min Scan# 1105
Delta R.T. 0.02 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

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

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.4	21.7	32.5
279	1.9	2.7	4.1

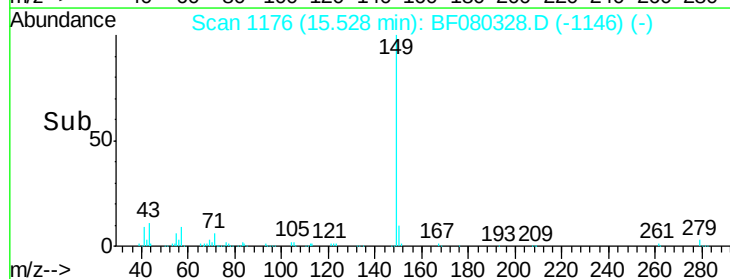
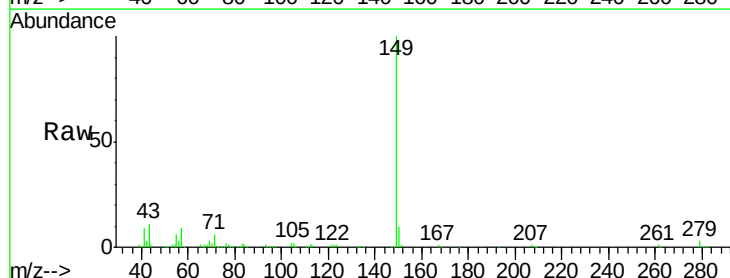
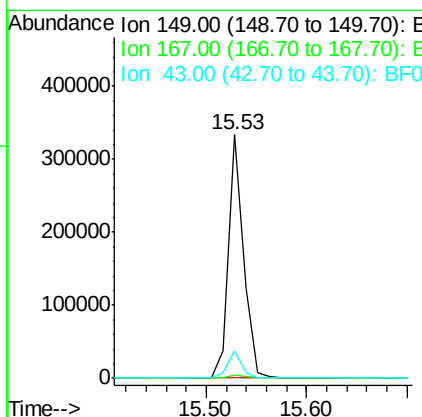
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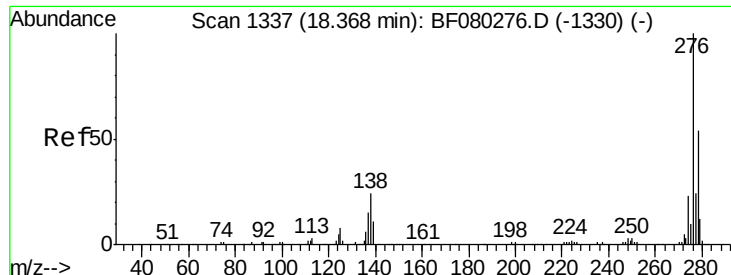
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#84
Di-n-octyl phthalate
Concen: 43.75 ng
RT: 15.53 min Scan# 1176
Delta R.T. 0.05 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	10.9	8.3	12.5





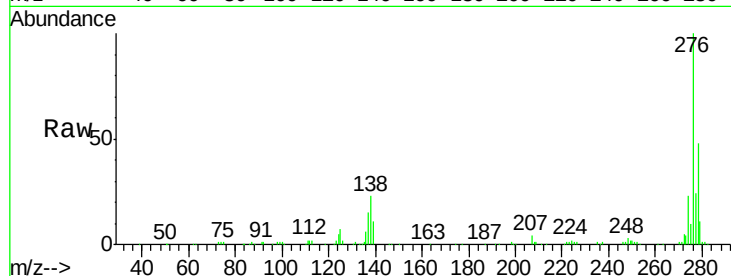
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.76 ng
 RT: 18.39 min Scan# 1426
 Delta R.T. 0.07 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

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

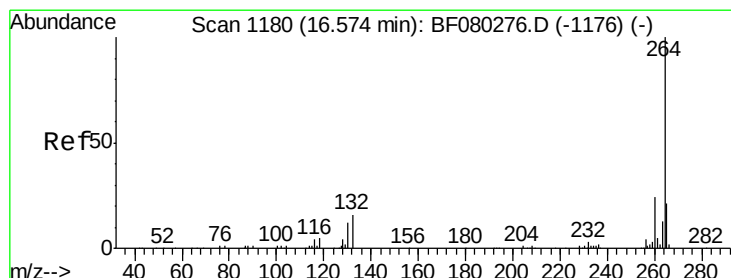
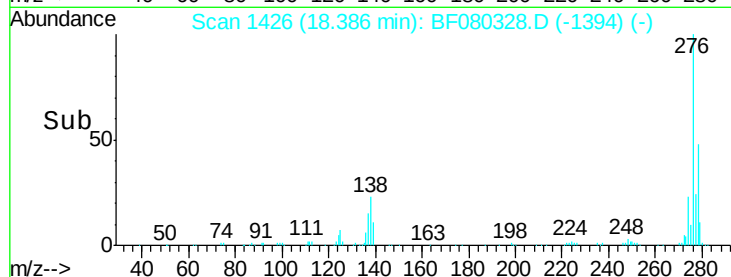
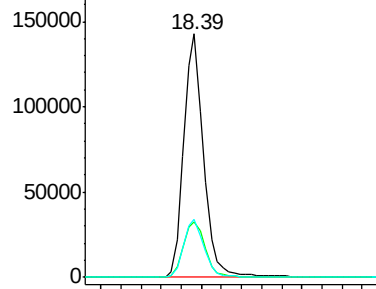
Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	25.0	21.0	31.6
277	24.6	19.4	29.0

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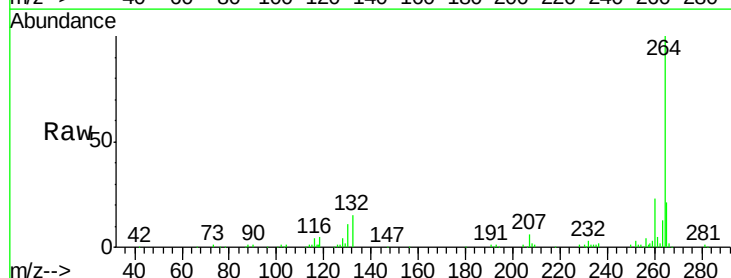


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

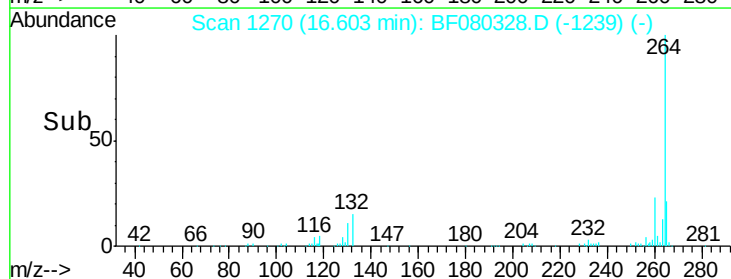
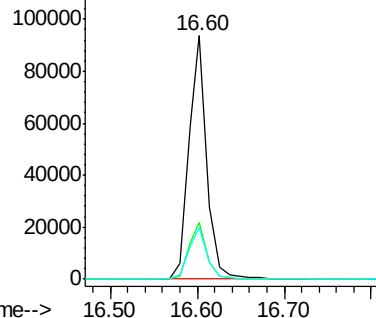


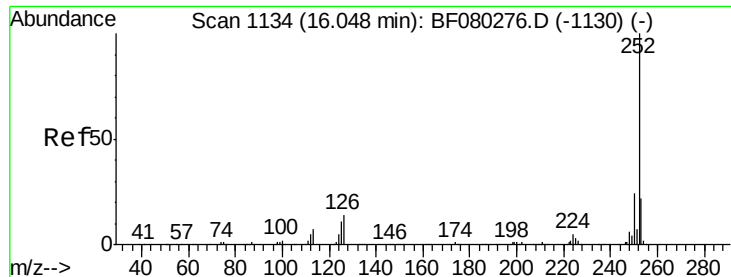
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.60 min Scan# 1270
 Delta R.T. 0.06 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

Tgt Ion	Ratio	Resp Lower	Resp 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: 43.55 ng

RT: 16.08 min Scan# 1224

Delta R.T. 0.05 min

Lab File: BF080328.D

Acq: 3 Jul 2015 7:04

Instrument :

BNA_F

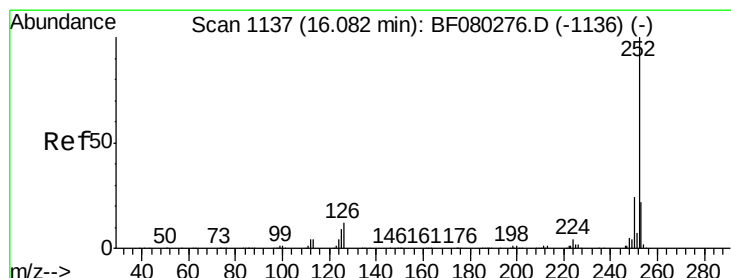
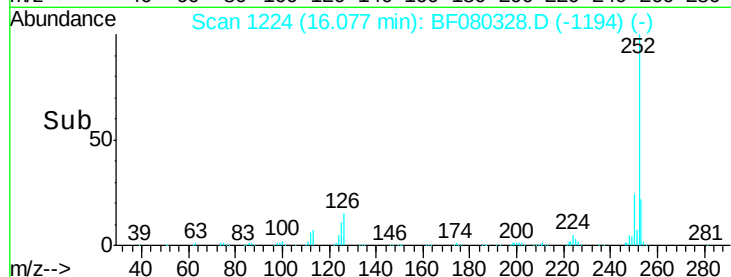
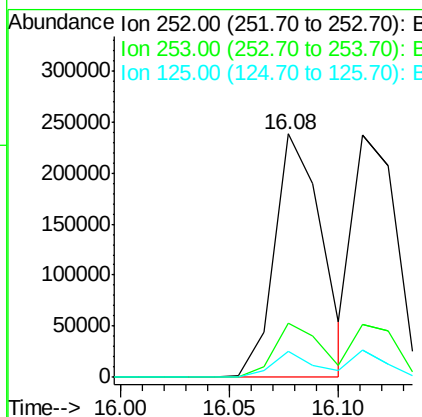
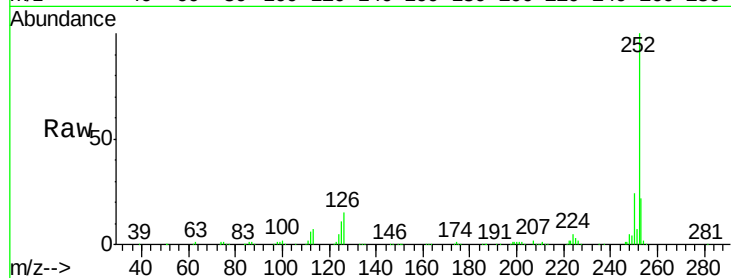
ClientSampleId :

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

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#88

Benzo(k)fluoranthene

Concen: 41.77 ng

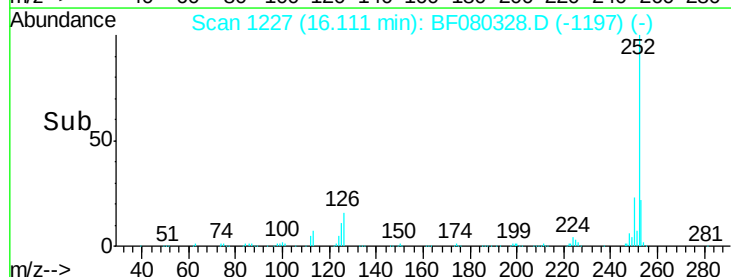
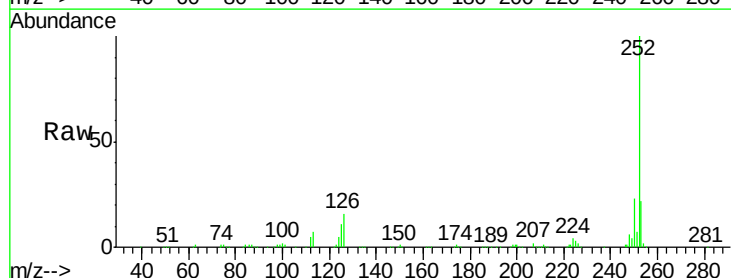
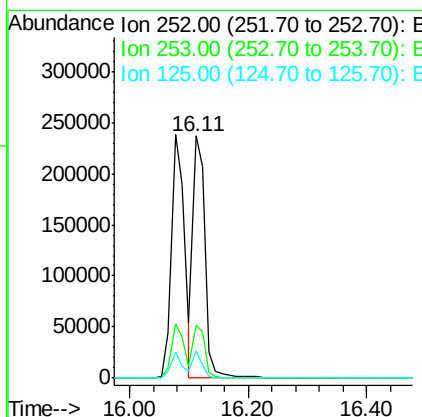
RT: 16.11 min Scan# 1227

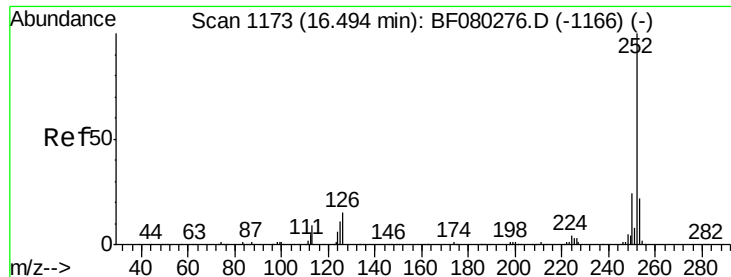
Delta R.T. 0.05 min

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





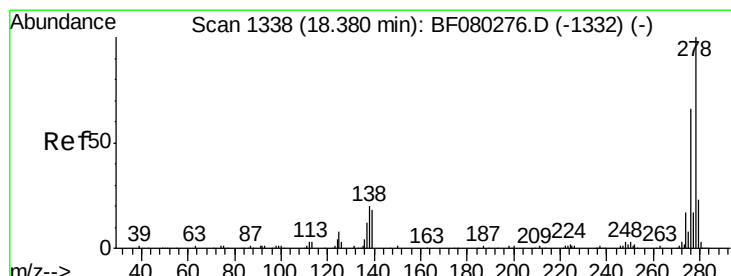
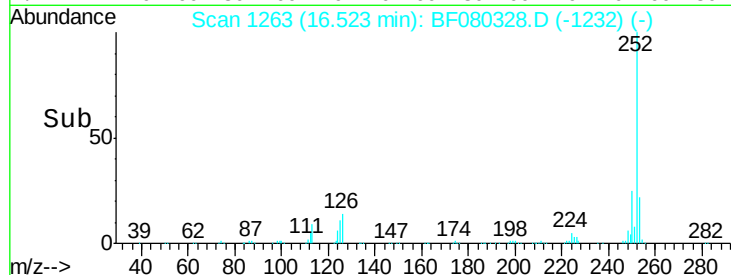
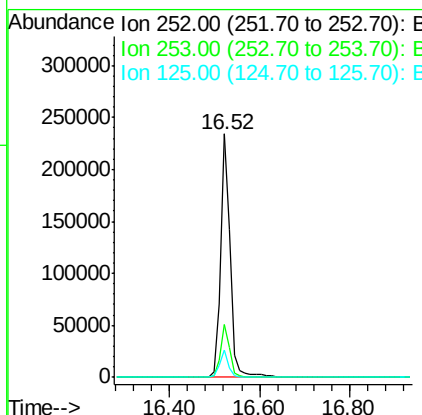
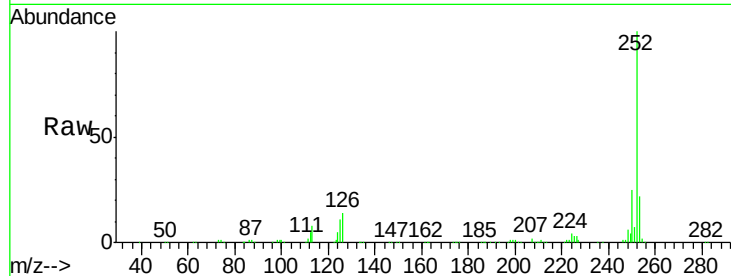
#89
Benzo(a)pyrene
Concen: 44.46 ng
RT: 16.52 min Scan# 1263
Delta R.T. 0.06 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

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

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	11.1	9.0	13.4

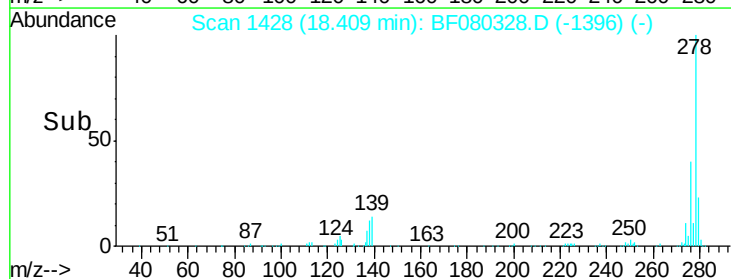
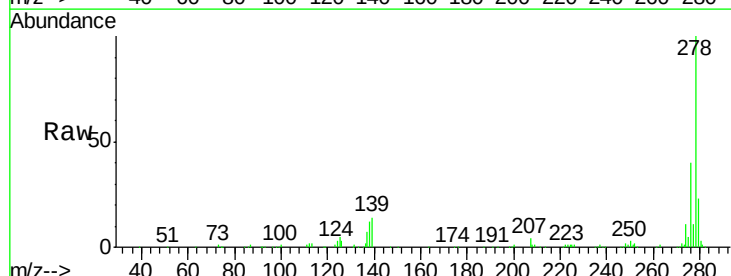
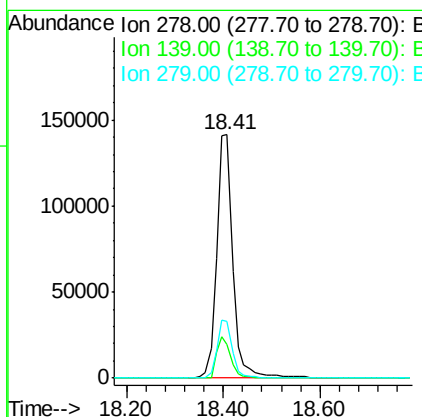
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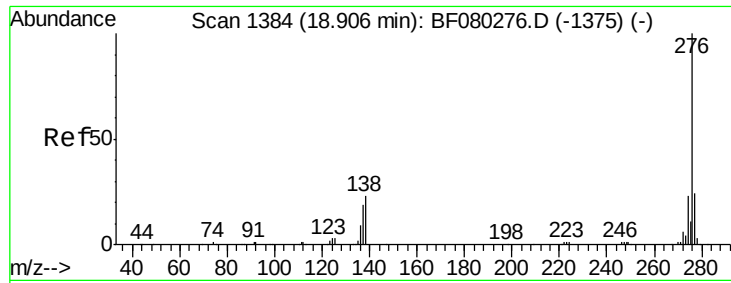
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#90
Dibenzo(a,h)anthracene
Concen: 45.03 ng
RT: 18.41 min Scan# 1428
Delta R.T. 0.07 min
Lab File: BF080328.D
Acq: 3 Jul 2015 7:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.8	14.6	21.8#
279	23.3	18.7	28.1





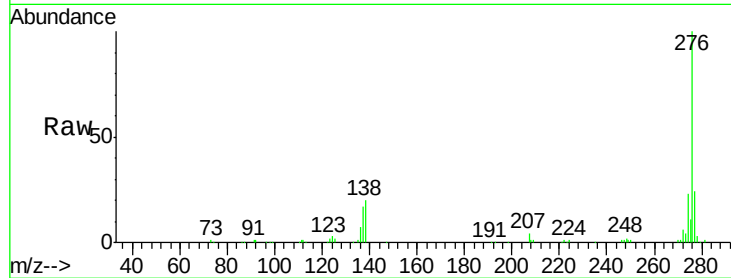
#91
 Benzo(g,h,i)perylene
 Concen: 43.59 ng
 RT: 18.92 min Scan# 1473
 Delta R.T. 0.07 min
 Lab File: BF080328.D
 Acq: 3 Jul 2015 7:04

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	

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

