

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
 Data File : BF080329.D
 Acq On : 3 Jul 2015 7:33
 Operator : TP/IZ
 Sample : IDOC-01-W-UM
 Misc : IDOC-WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-01-W-UM

Manual Integrations
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 7/6/2015 3:41:13 PM

Quant Time: Jul 03 08:50:53 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	49632	20.00	ng	0.00
21) Naphthalene-d8	8.53	136	196330	20.00	ng	0.00
38) Acenaphthene-d10	10.30	164	98036	20.00	ng	0.00
63) Phenanthrene-d10	11.80	188	218161	20.00	ng	0.00
75) Chrysene-d12	14.75	240	227395	20.00	ng	0.03
86) Perylene-d12	16.60	264	218196	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.85	112	136229	48.04	ng	0.00
7) Phenol-d6	6.84	99	171938	44.94	ng	0.00
23) Nitrobenzene-d5	7.80	82	153391	43.48	ng	0.00
41) 2,4,6-Tribromophenol	11.09	330	47223	50.01	ng	0.00
44) 2-Fluorobiphenyl	9.61	172	341522	49.64	ng	0.00
78) Terphenyl-d14	13.48	244	379450	39.38	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.06	88	23116	45.35	ng	# 100
3) Pyridine	3.90	79	75590	21.64	ng	100
4) n-Nitrosodimethylamine	3.80	42	38114	24.28	ng	95
6) Aniline	6.90	93	70416	13.76	ng	# 88
8) 2-Chlorophenol	7.02	128	76032	24.03	ng	95
9) Benzaldehyde	6.78	77	40376	19.34	ng	95
10) Phenol	6.86	94	89286	21.37	ng	85
11) bis(2-Chloroethyl)ether	6.96	93	69369	21.93	ng	94
12) 1,3-Dichlorobenzene	7.18	146	88986	23.09	ng	98
13) 1,4-Dichlorobenzene	7.26	146	81588m	21.49	ng	
14) 1,2-Dichlorobenzene	7.41	146	85845	22.68	ng	97
15) Benzyl Alcohol	7.37	79	66812	22.75	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.50	45	109597	22.45	ng	99
17) 2-Methylphenol	7.47	107	55935	20.91	ng	96
18) Hexachloroethane	7.77	117	26022	22.02	ng	# 60
19) n-Nitroso-di-n-propylamine	7.63	70	51541	20.51	ng	92
20) 3+4-Methylphenols	7.63	107	79575	22.24	ng	86
22) Acetophenone	7.64	105	111481	24.49	ng	# 96
24) Nitrobenzene	7.81	77	79686	22.00	ng	96
25) Isophorone	8.05	82	153345	22.49	ng	96
26) 2-Nitrophenol	8.14	139	32443	20.65	ng	# 77
27) 2,4-Dimethylphenol	8.17	122	65667	22.46	ng	91
28) bis(2-Chloroethoxy)methane	8.26	93	96709	23.42	ng	99
29) 2,4-Dichlorophenol	8.37	162	61938	23.09	ng	95
30) 1,2,4-Trichlorobenzene	8.48	180	64089	20.38	ng	# 90
31) Naphthalene	8.56	128	223133	22.35	ng	99
32) Benzoic acid	8.22	122	17420	24.23	ng	97
33) 4-Chloroaniline	8.59	127	53095m	12.66	ng	
34) Hexachlorobutadiene	8.67	225	42847	21.66	ng	97
35) Caprolactam	8.92	113	17346	21.02	ng	96
36) 4-Chloro-3-methylphenol	9.06	107	65918	22.65	ng	88
37) 2-Methylnaphthalene	9.24	142	144878	21.52	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.41	216	69041	21.38	ng	# 98
40) Hexachlorocyclopentadiene	9.40	237	57534	48.78	ng	98

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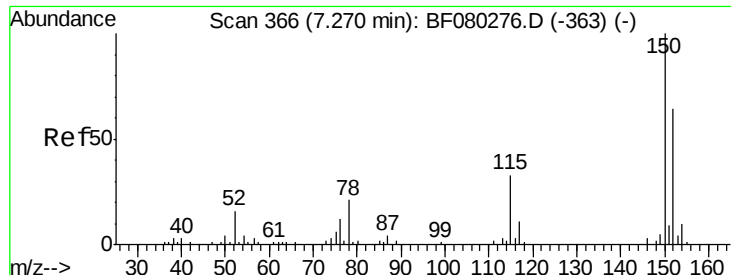
Manual Integrations
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Quant Time: Jul 03 08:50:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.53	196	41940	20.53	ng	97
43) 2,4,5-Trichlorophenol	9.56	196	52294	23.18	ng #	94
45) 1,1'-Biphenyl	9.71	154	200530	23.89	ng	99
46) 2-Chloronaphthalene	9.74	162	142324	22.12	ng #	89
47) 2-Nitroaniline	9.82	65	43541	23.15	ng	85
48) Acenaphthylene	10.16	152	230986	20.72	ng	98
49) Dimethylphthalate	10.00	163	180966	24.22	ng	99
50) 2,6-Dinitrotoluene	10.06	165	37001	23.82	ng #	75
51) Acenaphthene	10.33	154	151461	23.51	ng	98
52) 3-Nitroaniline	10.24	138	27457	15.43	ng	91
53) 2,4-Dinitrophenol	10.34	184	29271	55.66	ng #	38
54) Dibenzofuran	10.51	168	202560	22.14	ng #	89
55) 4-Nitrophenol	10.38	139	60726	46.29	ng #	70
56) 2,4-Dinitrotoluene	10.46	165	45934	23.40	ng #	75
57) Fluorene	10.85	166	173423	22.75	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.62	232	41086	23.65	ng	96
59) Diethylphthalate	10.70	149	177142	24.54	ng #	94
60) 4-Chlorophenyl-phenylether	10.84	204	78977	23.21	ng #	77
61) 4-Nitroaniline	10.84	138	35296	19.64	ng	90
62) Azobenzene	10.99	77	154978	21.33	ng	95
64) 4,6-Dinitro-2-methylphenol	10.89	198	20943	28.31	ng #	47
65) n-Nitrosodiphenylamine	10.94	169	138878	19.62	ng	98
66) 4-Bromophenyl-phenylether	11.33	248	50942	21.64	ng #	94
67) Hexachlorobenzene	11.41	284	53646	21.21	ng #	94
68) Atrazine	11.47	200	49375	22.72	ng	95
69) Pentachlorophenol	11.60	266	53273	41.97	ng	98
70) Phenanthrene	11.82	178	272522	20.82	ng	99
71) Anthracene	11.88	178	273043	21.79	ng	99
72) Carbazole	12.03	167	245300	20.72	ng	98
73) Di-n-butylphthalate	12.36	149	279335	22.61	ng	99
74) Fluoranthene	13.08	202	289772	21.30	ng	98
76) Benzidine	13.20	184	112334	16.82	ng	100
77) Pyrene	13.33	202	297654	20.61	ng	99
79) Butylbenzylphthalate	14.03	149	116741	21.26	ng	89
80) Benzo(a)anthracene	14.74	228	288423	21.00	ng	99
81) 3,3'-Dichlorobenzidine	14.68	252	60082	13.39	ng	98
82) Chrysene	14.79	228	269572	21.32	ng	99
83) Bis(2-ethylhexyl)phthalate	14.72	149	169019	22.00	ng #	96
84) Di-n-octyl phthalate	15.53	149	278250	21.51	ng	99
85) Indeno(1,2,3-cd)pyrene	18.37	276	306270	20.97	ng	98
87) Benzo(b)fluoranthene	16.08	252	300331	22.20	ng	98
88) Benzo(k)fluoranthene	16.11	252	247977	18.74	ng	99
89) Benzo(a)pyrene	16.52	252	269387	21.44	ng	98
90) Dibenzo(a,h)anthracene	18.40	278	258755	21.58	ng	96
91) Benzo(g,h,i)perylene	18.91	276	258455	20.77	ng	96

(#) = 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: BF080329.D

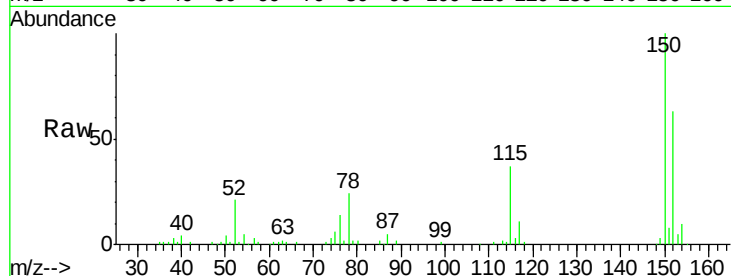
Acq: 3 Jul 2015 7:33

Instrument :

BNA_F

ClientSampled :

IDOC-01-W-UM



Tgt Ion:152 Resp: 49632

Ion Ratio Lower Upper

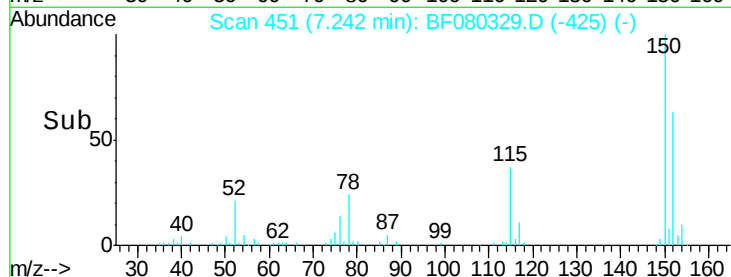
152 100

150 157.9 124.7 187.1

115 57.7 41.0 61.6

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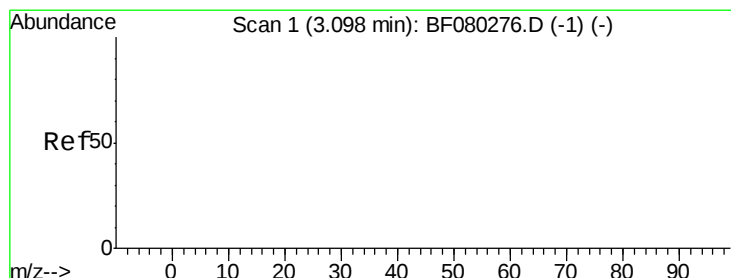
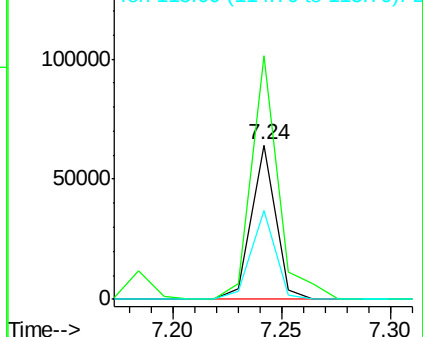
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 45.35 ng

RT: 3.06 min Scan# 85

Delta R.T. 0.03 min

Lab File: BF080329.D

Acq: 3 Jul 2015 7:33

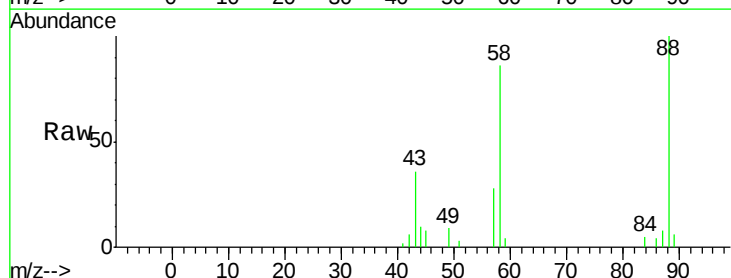
Tgt Ion: 88 Resp: 23116

Ion Ratio Lower Upper

88 100

58 86.5 0.0 0.0#

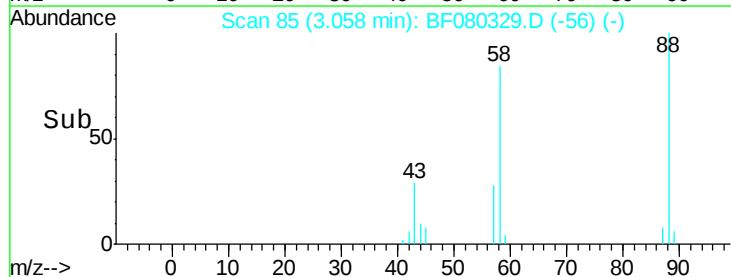
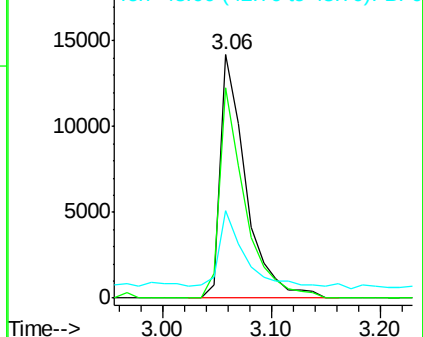
43 30.7 0.0 0.0#

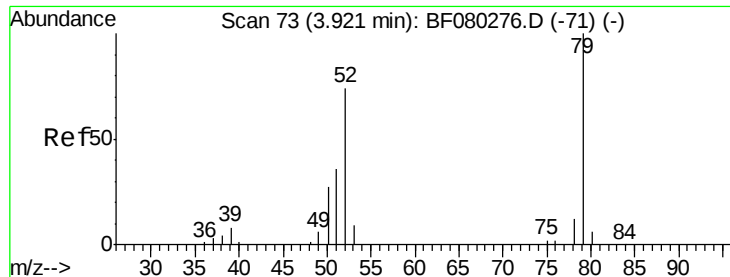


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 21.64 ng

RT: 3.90 min Scan# 159

Delta R.T. 0.02 min

Lab File: BF080329.D

Acq: 3 Jul 2015 7:33

Instrument :

BNA_F

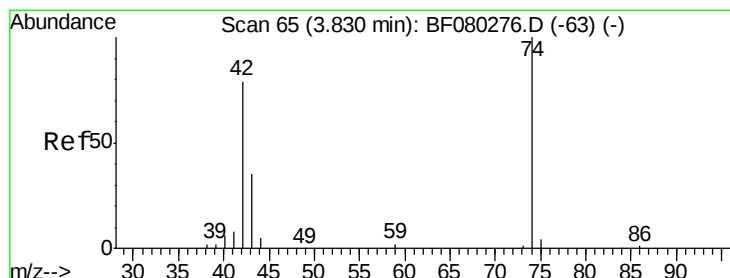
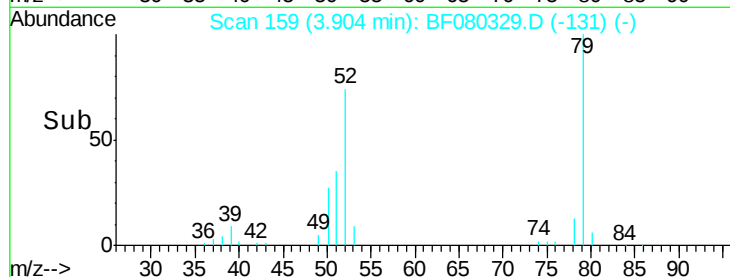
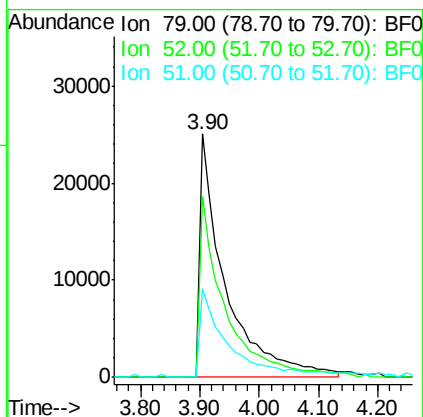
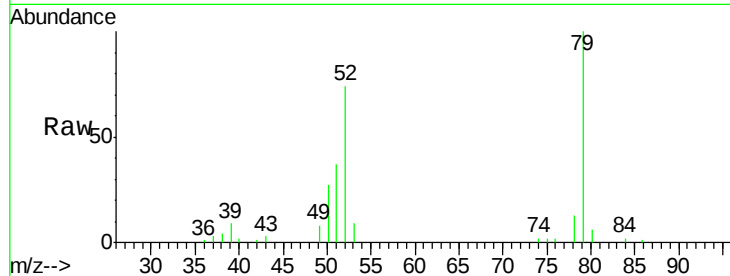
ClientSampleId :

IDOC-01-W-UM

Tgt Ion:	79	Resp:	75590
Ion	Ratio	Lower	Upper
79	100		
52	74.2	59.3	88.9
51	36.7	29.0	43.6

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#4

n-Nitrosodimethylamine

Concen: 24.28 ng

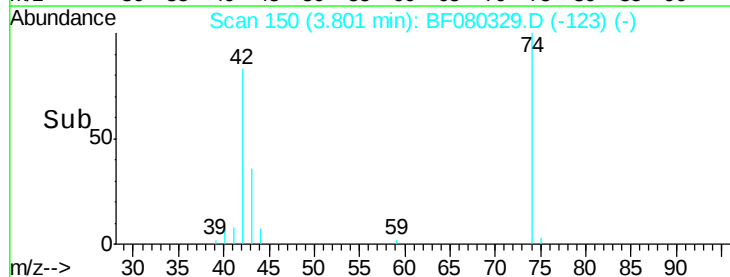
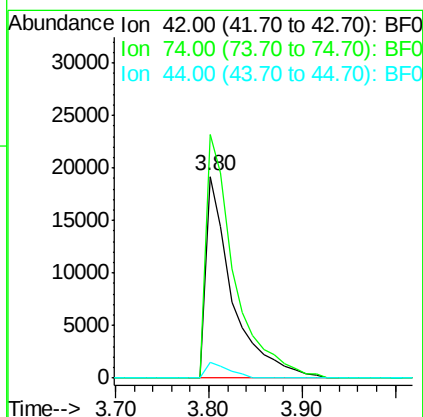
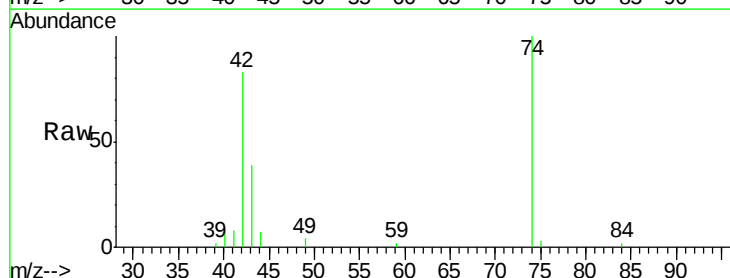
RT: 3.80 min Scan# 150

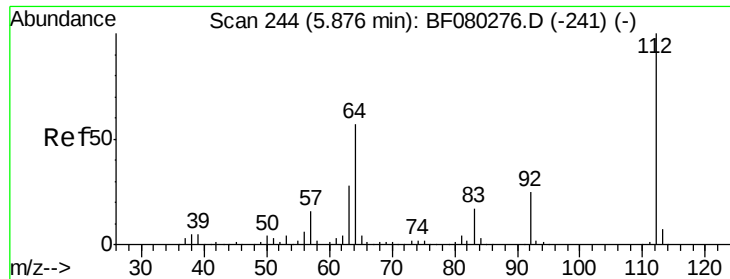
Delta R.T. 0.01 min

Lab File: BF080329.D

Acq: 3 Jul 2015 7:33

Tgt Ion:	42	Resp:	38114
Ion	Ratio	Lower	Upper
42	100		
74	120.7	101.4	152.2
44	7.9	6.3	9.5





#5

2-Fluorophenol

Concen: 48.04 ng

RT: 5.85 min Scan# 329

Delta R.T. 0.00 min

Lab File: BF080329.D

Acq: 3 Jul 2015 7:33

Instrument :

BNA_F

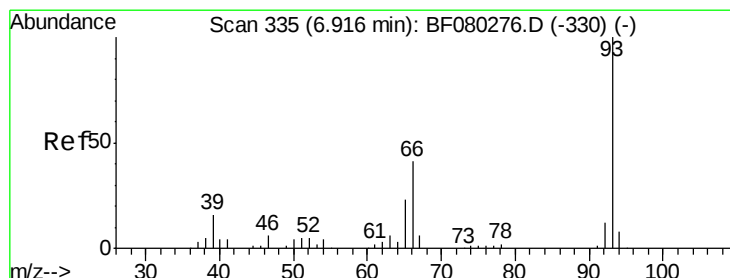
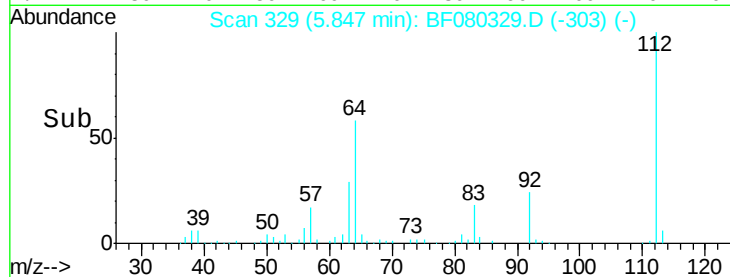
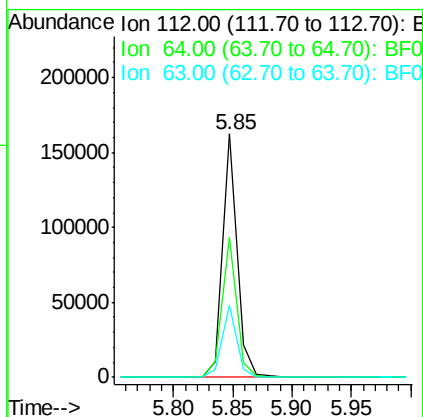
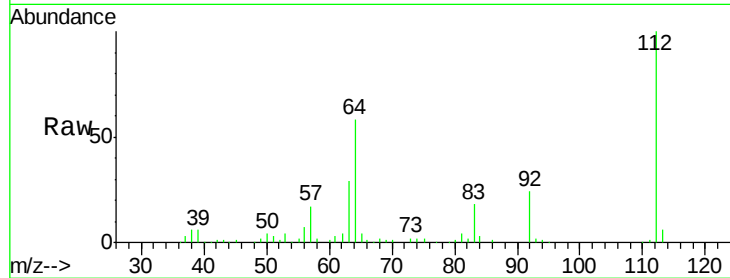
ClientSampleId :

IDOC-01-W-UM

Tgt Ion:	112	Resp:	136229
Ion Ratio	Lower	Upper	
112	100		
64	57.7	45.5	68.3
63	29.4	22.4	33.6

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#6

Aniline

Concen: 13.76 ng

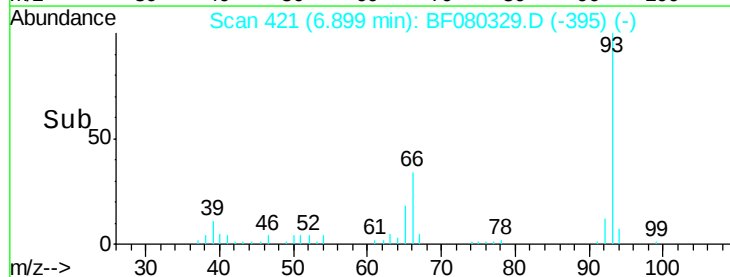
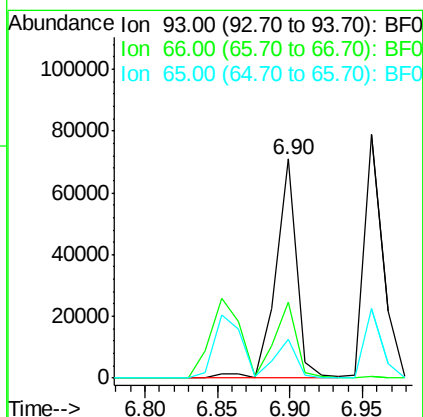
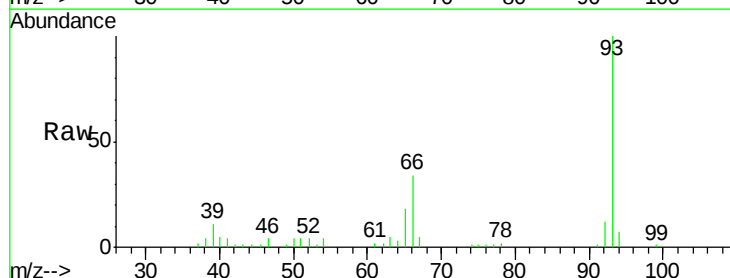
RT: 6.90 min Scan# 421

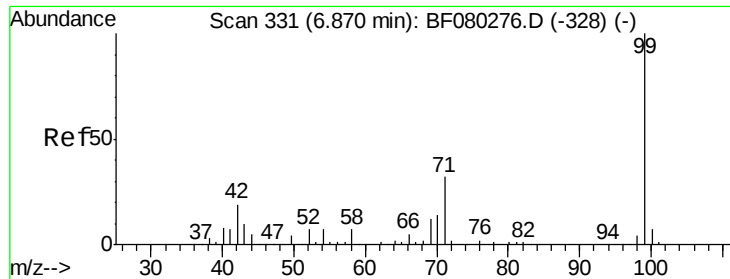
Delta R.T. 0.00 min

Lab File: BF080329.D

Acq: 3 Jul 2015 7:33

Tgt Ion:	93	Resp:	70416
Ion Ratio	Lower	Upper	
93	100		
66	34.4	33.7	50.5
65	17.7	18.3	27.5#





#7

Phenol-d6

Concen: 44.94 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF080329.D

Acq: 3 Jul 2015 7:33

Instrument :

BNA_F

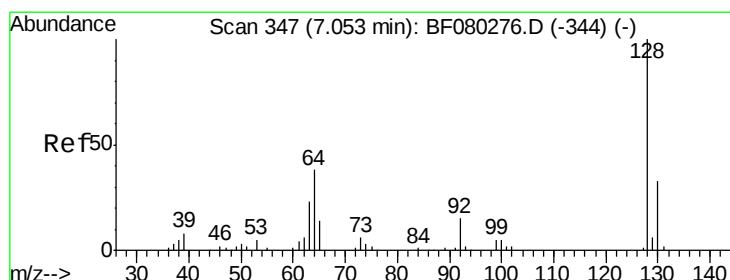
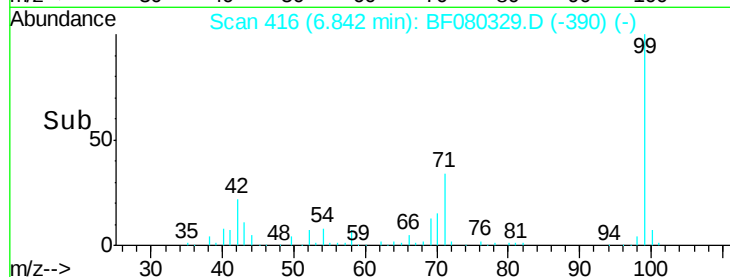
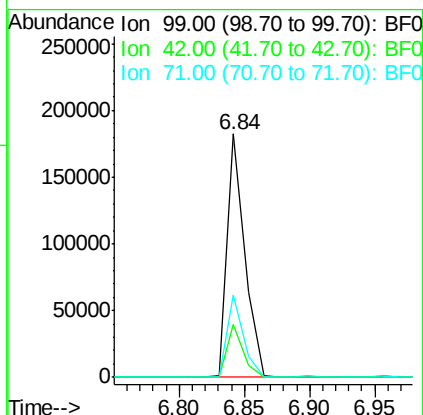
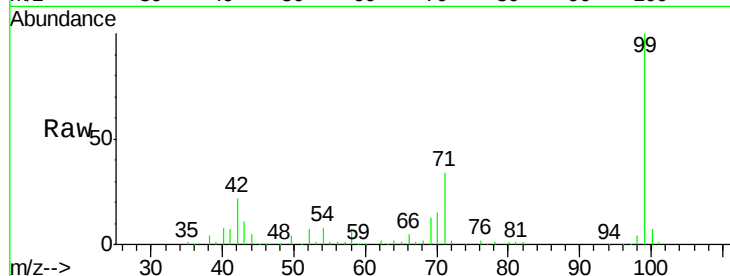
ClientSampleId :

IDOC-01-W-UM

Tgt Ion:	99	Resp:	171938
Ion Ratio	Lower	Upper	
99	100		
42	21.6	15.4	23.2
71	34.0	25.8	38.8

Manual Integrations
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#8

2-Chlorophenol

Concen: 24.03 ng

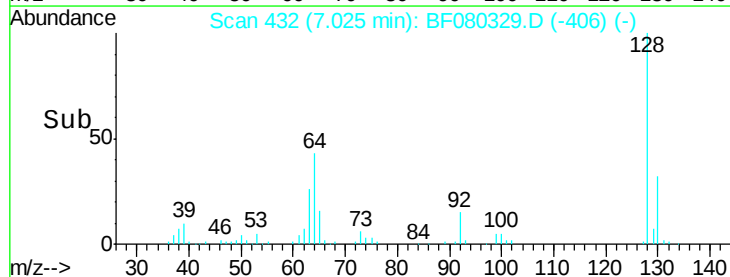
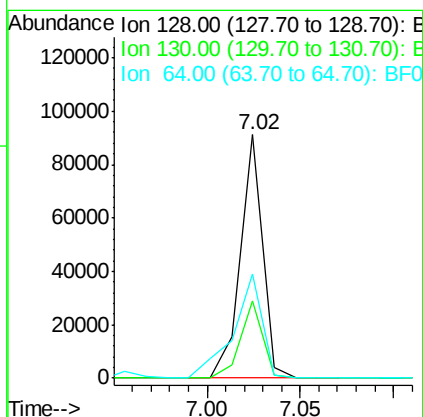
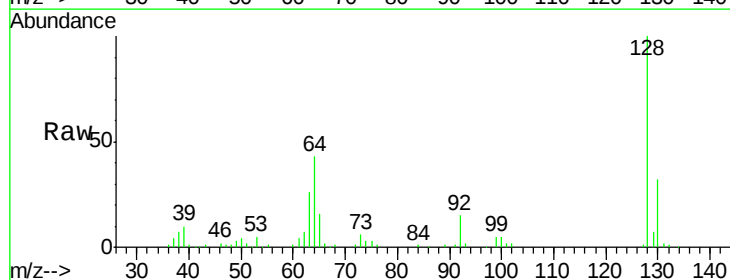
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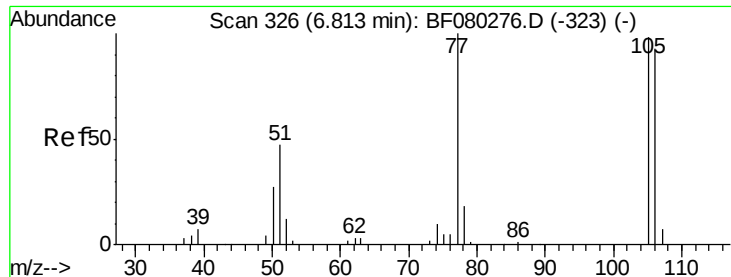
Delta R.T. 0.00 min

Lab File: BF080329.D

Acq: 3 Jul 2015 7:33

Tgt Ion:	128	Resp:	76032
Ion Ratio	Lower	Upper	
128	100		
130	31.7	13.4	53.4
64	42.8	18.5	58.5





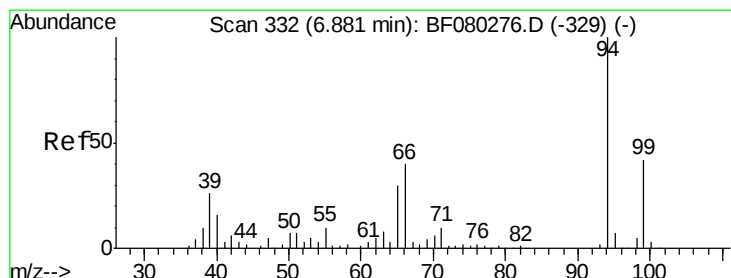
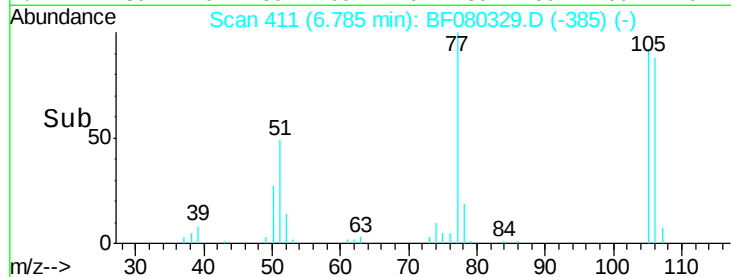
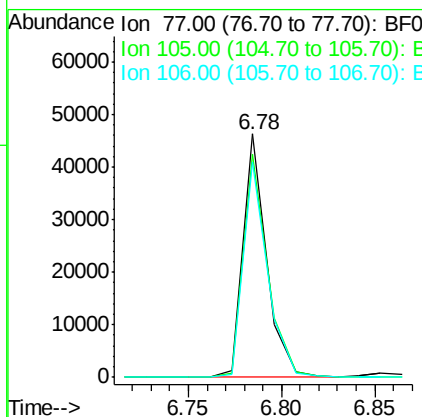
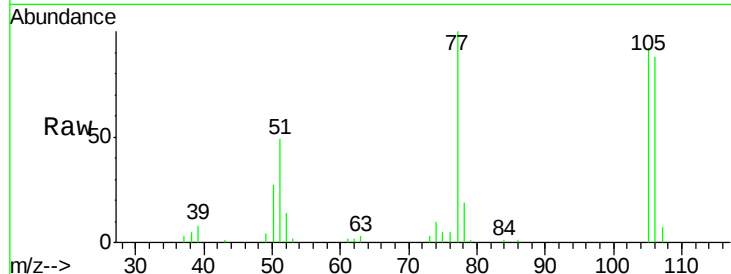
#9
Benzaldehyde
Concen: 19.34 ng
RT: 6.78 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF080329.D
Acq: 3 Jul 2015 7:33

Instrument :
BNA_F
ClientSampleId :
IDOC-01-W-UM

Tgt Ion: 77 Resp: 40376
Ion Ratio Lower Upper
77 100
105 91.8 78.2 118.2
106 88.4 72.5 112.5

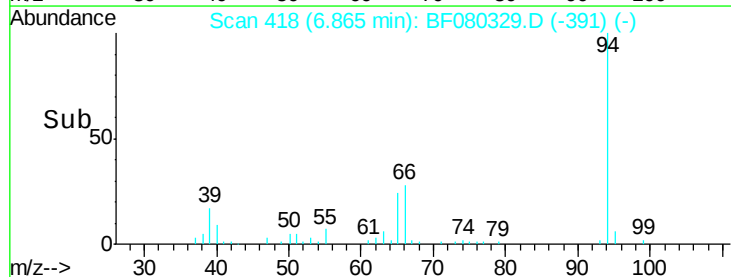
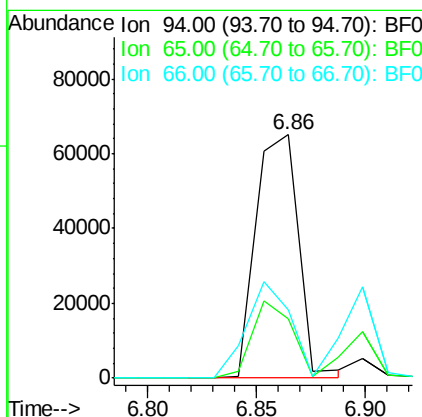
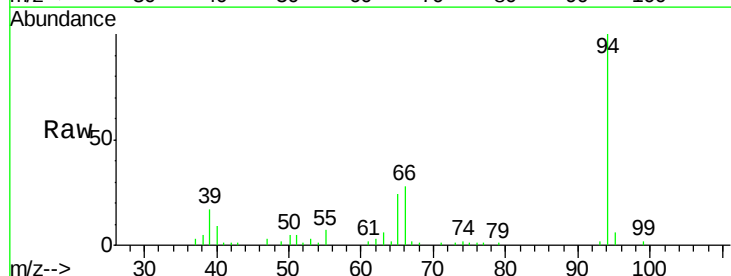
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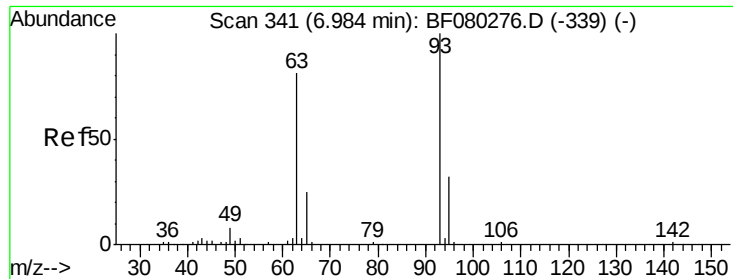
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#10
Phenol
Concen: 21.37 ng
RT: 6.86 min Scan# 418
Delta R.T. 0.01 min
Lab File: BF080329.D
Acq: 3 Jul 2015 7:33

Tgt Ion: 94 Resp: 89286
Ion Ratio Lower Upper
94 100
65 24.2 9.6 49.6
66 28.3 19.7 59.7





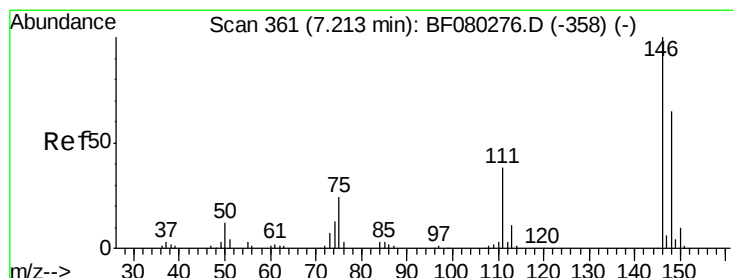
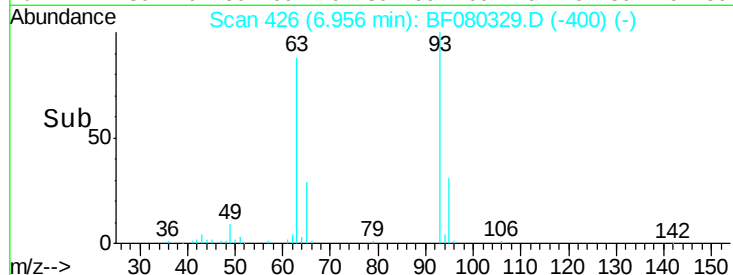
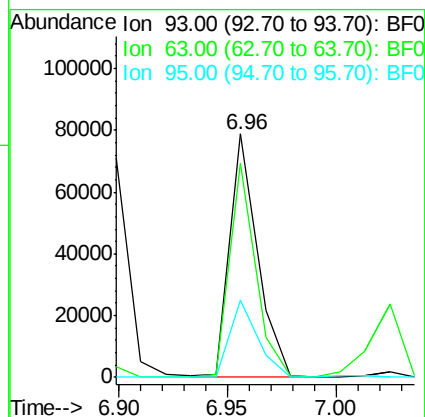
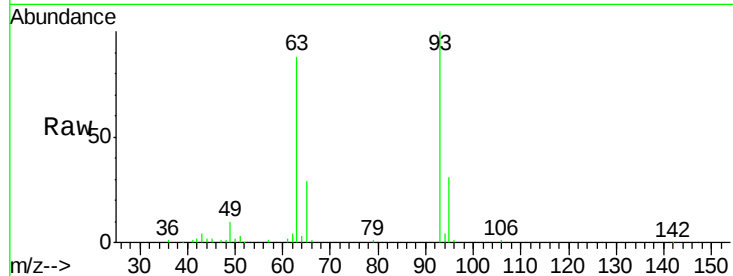
#11
bis(2-Chloroethyl)ether
Concen: 21.93 ng
RT: 6.96 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF080329.D
Acq: 3 Jul 2015 7:33

Instrument :
BNA_F
ClientSampleId :
IDOC-01-W-UM

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	69369		
63	88.0	61.0	101.0	
95	31.5	12.0	52.0	

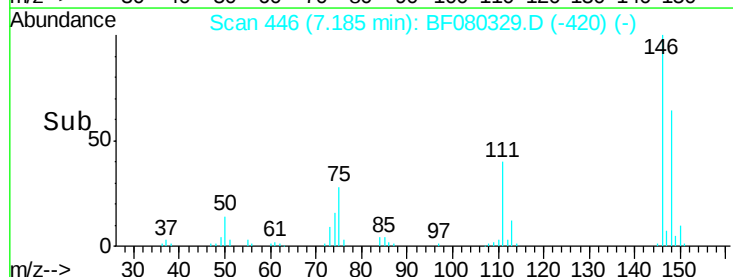
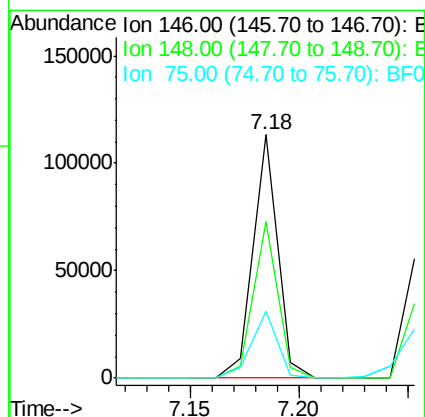
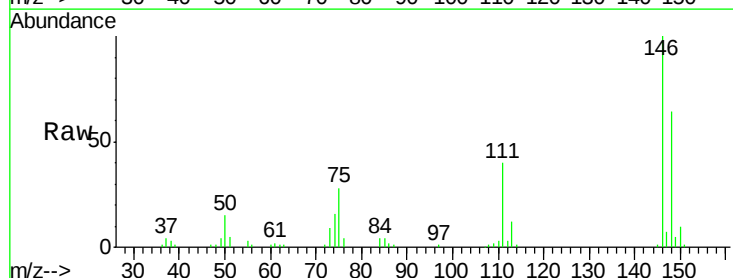
Manual Integrations
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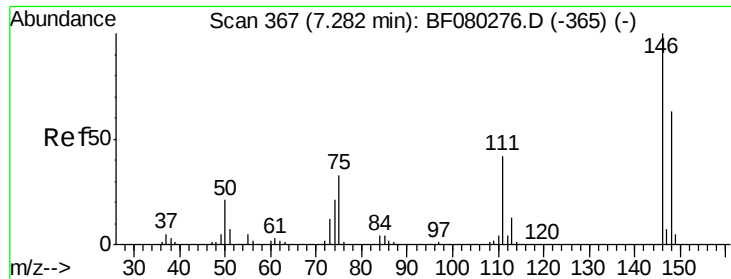
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#12
1,3-Dichlorobenzene
Concen: 23.09 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF080329.D
Acq: 3 Jul 2015 7:33

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	88986		
148	64.1	51.8	77.6	
75	27.5	19.4	29.2	





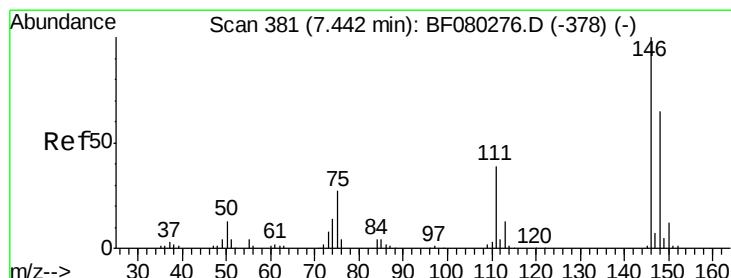
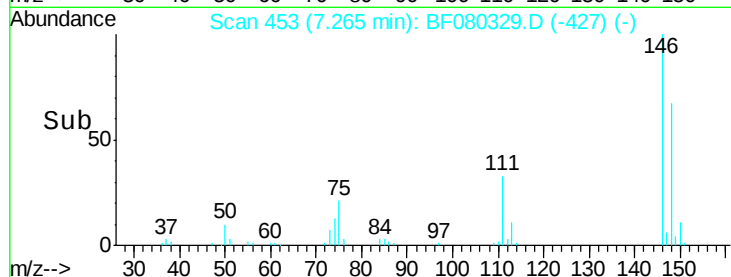
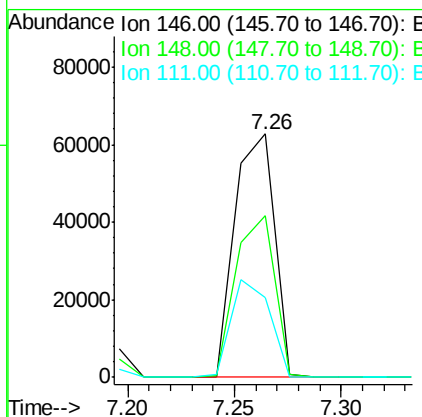
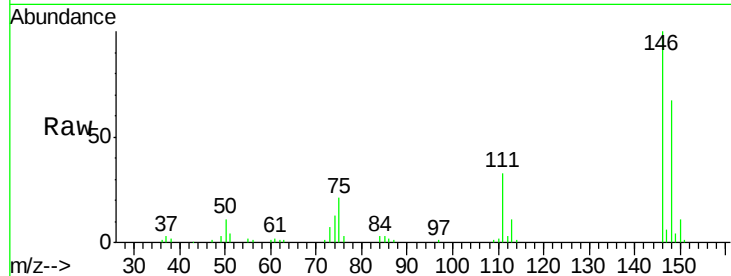
#13
 1,4-Dichlorobenzene
 Concen: 21.49 ng m
 RT: 7.26 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF080329.D
 Acq: 3 Jul 2015 7:33

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-01-W-UM

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.6	50.2	75.2
111	32.8	33.8	50.8#

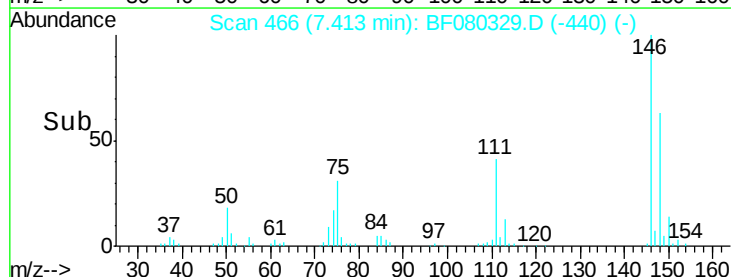
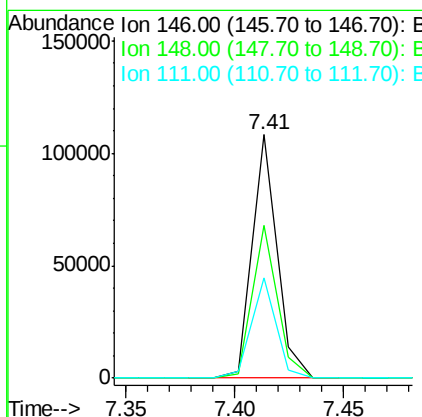
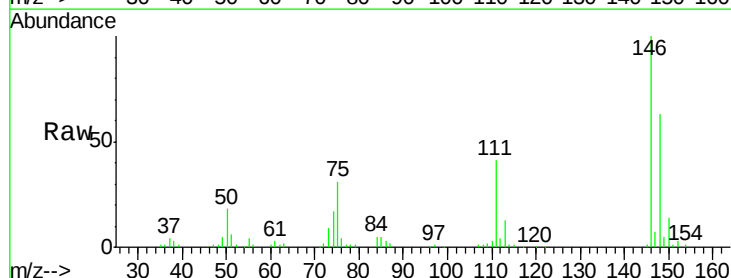
Manual Integrations
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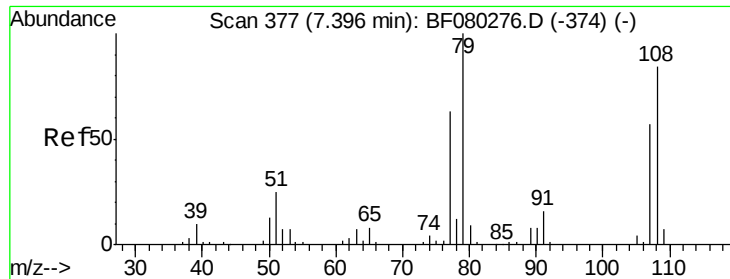
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#14
 1,2-Dichlorobenzene
 Concen: 22.68 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF080329.D
 Acq: 3 Jul 2015 7:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.2	78.4
111	41.1	31.6	47.4





#15

Benzyl Alcohol

Concen: 22.75 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF080329.D

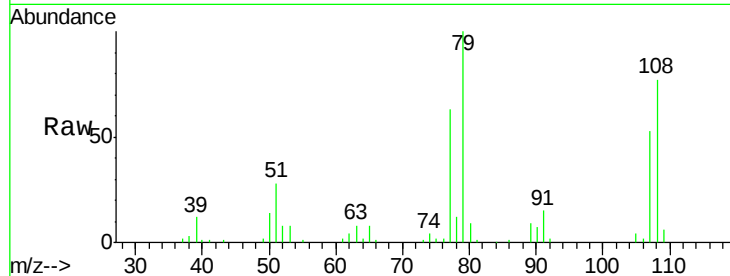
Acq: 3 Jul 2015 7:33

Instrument :

BNA_F

ClientSampleId :

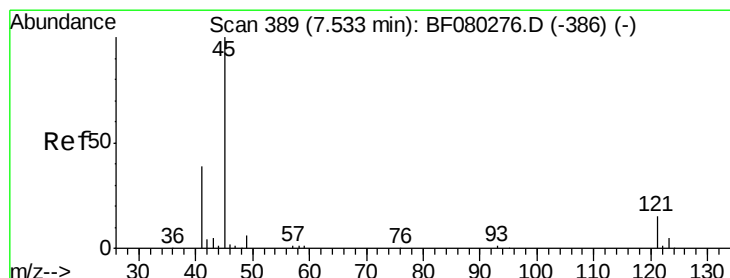
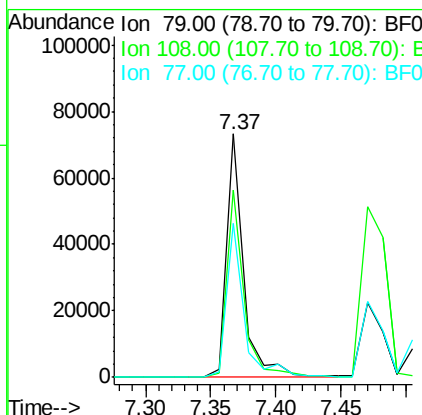
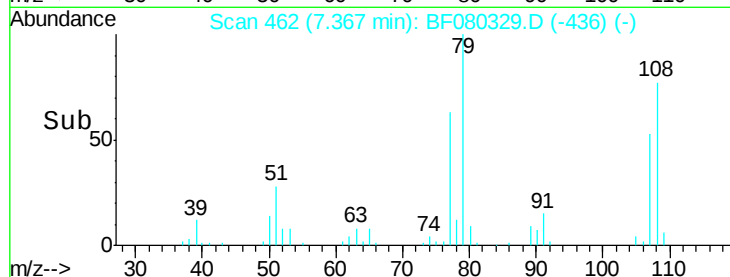
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Tgt Ion:	79	Resp:	66812
Ion Ratio	Lower	Upper	
79	100		
108	76.9	67.1	100.7
77	63.3	50.7	76.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

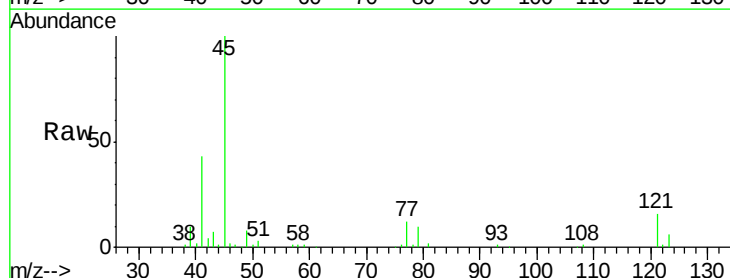
Concen: 22.45 ng

RT: 7.50 min Scan# 474

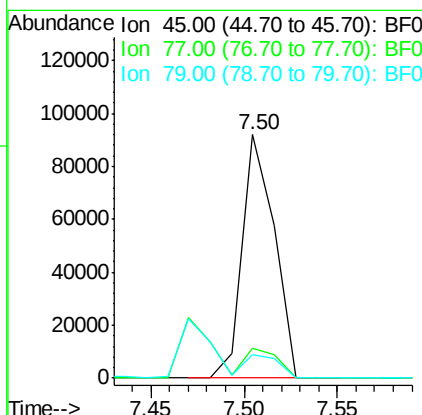
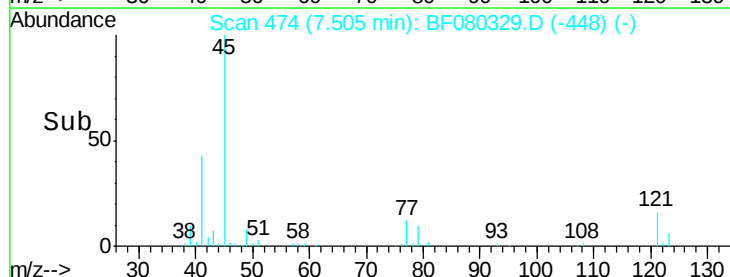
Delta R.T. 0.00 min

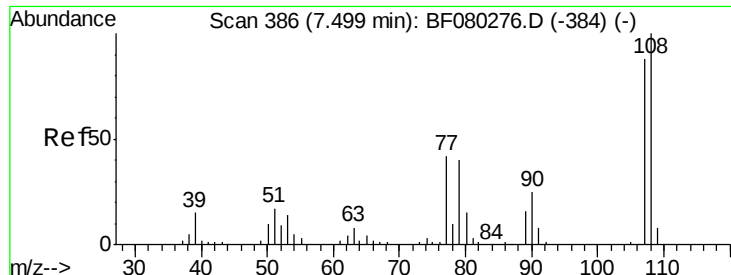
Lab File: BF080329.D

Acq: 3 Jul 2015 7:33



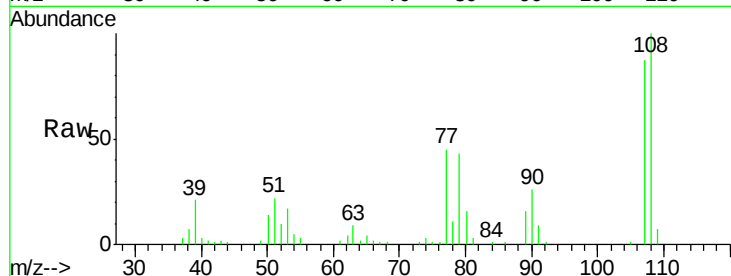
Tgt Ion:	45	Resp:	109597
Ion Ratio	Lower	Upper	
45	100		
77	12.3	0.0	32.0
79	9.5	0.0	29.3





#17
2-Methylphenol
Concen: 20.91 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF080329.D
Acq: 3 Jul 2015 7:33

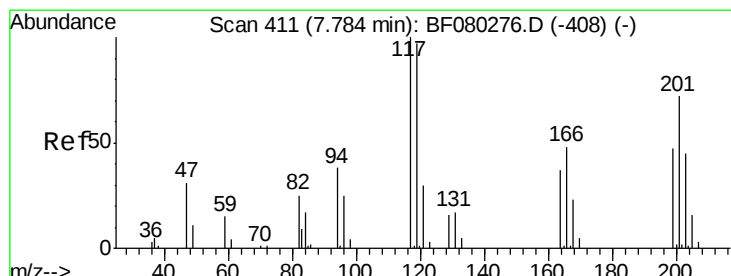
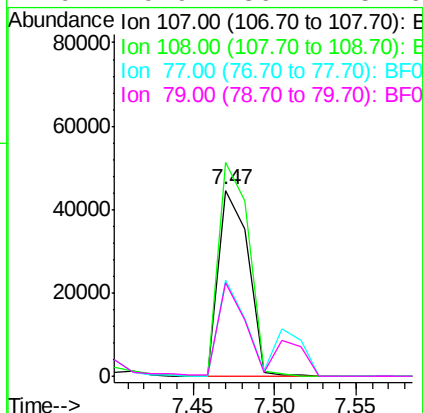
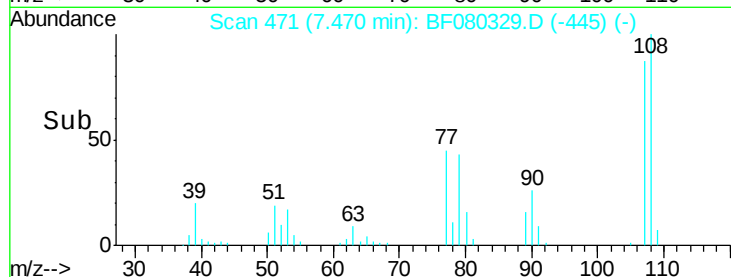
Instrument :
BNA_F
ClientSampleId :
IDOC-01-W-UM



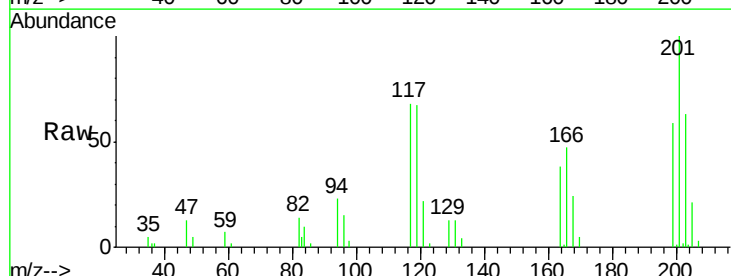
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	55935		
108	114.7	90.6	136.0	
77	51.5	38.0	57.0	
79	49.9	36.4	54.6	

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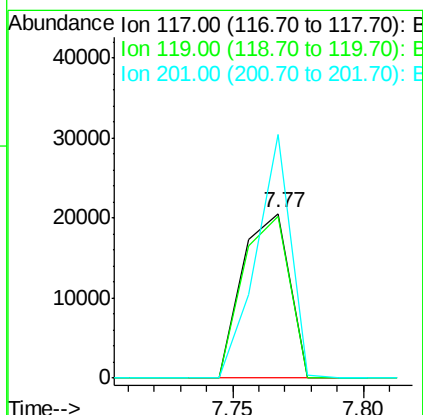
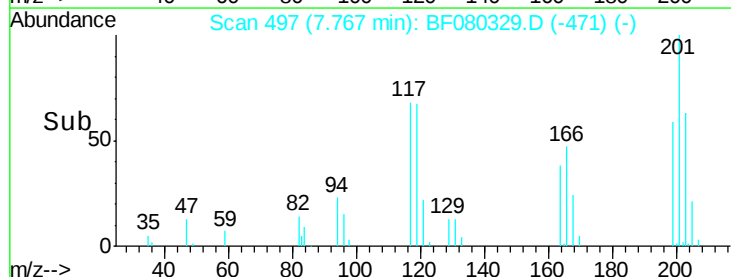
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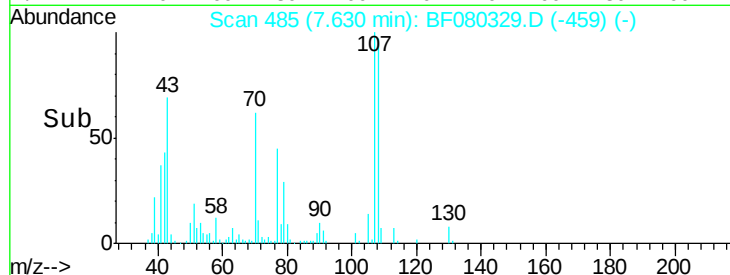
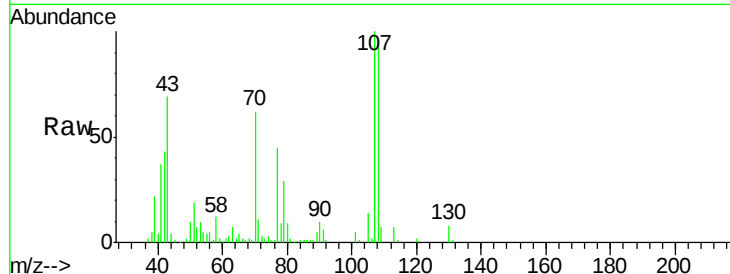
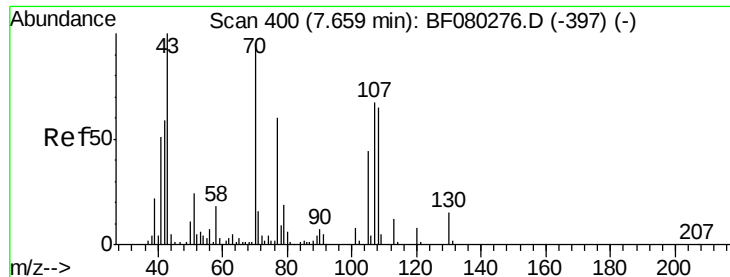


#18
Hexachloroethane
Concen: 22.02 ng
RT: 7.77 min Scan# 497
Delta R.T. 0.00 min
Lab File: BF080329.D
Acq: 3 Jul 2015 7:33



Tgt Ion	Ratio	Resp	Lower	Upper
117	100	26022		
119	98.4	77.3	115.9	
201	147.7	57.5	86.3#	





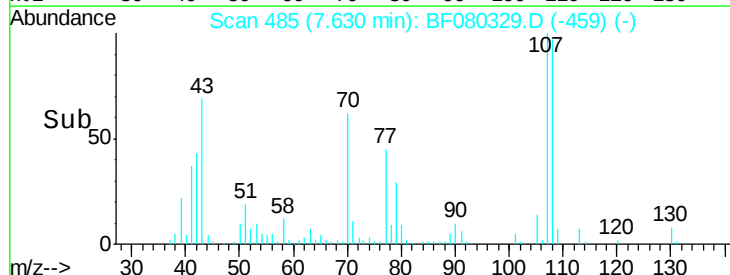
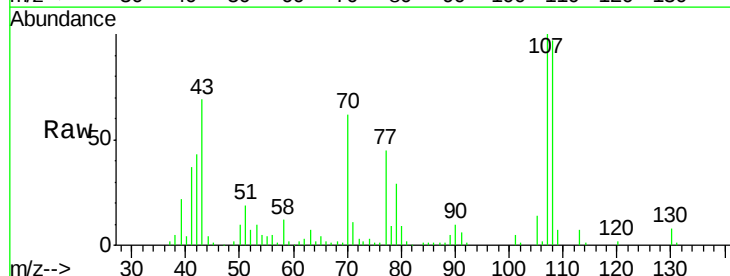
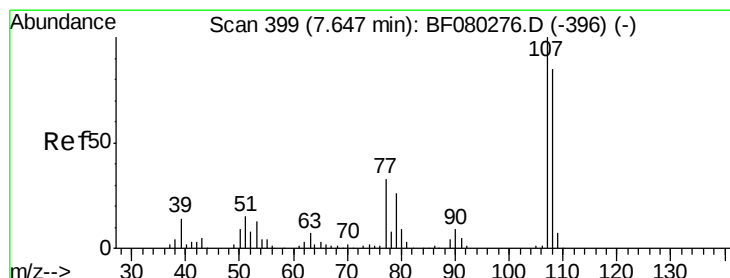
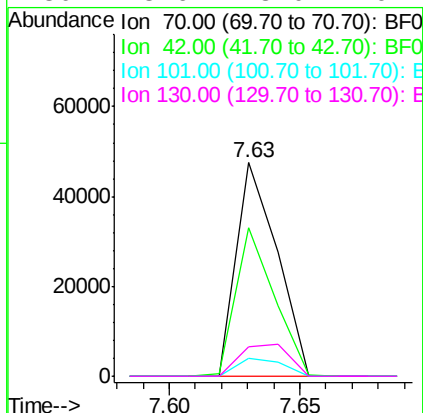
#19
n-Nitroso-di-n-propylamine
Concen: 20.51 ng
RT: 7.63 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF080329.D
Acq: 3 Jul 2015 7:33

Instrument :
BNA_F
ClientSampleId :
IDOC-01-W-UM

Manual Integrations
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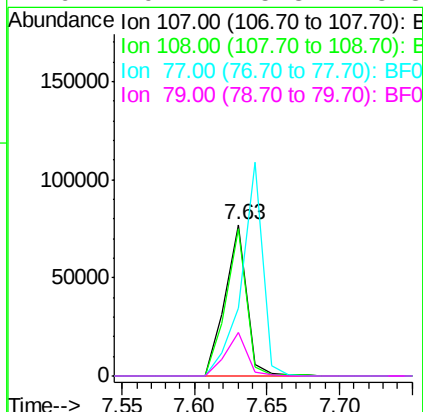
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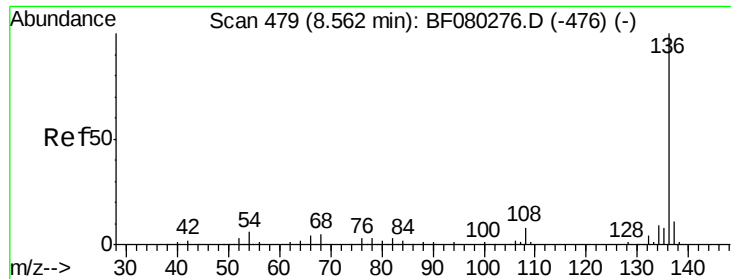
Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	69.5	49.8	74.8	
101	8.1	6.8	10.2	
130	13.6	13.0	19.4	



#20
3+4-Methylphenols
Concen: 22.24 ng
RT: 7.63 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF080329.D
Acq: 3 Jul 2015 7:33

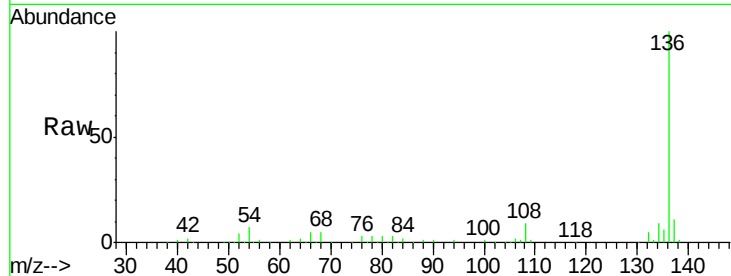
Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	96.9	64.9	104.9	
77	44.9	12.9	52.9	
79	29.1	5.8	45.8	





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.53 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF080329.D
Acq: 3 Jul 2015 7:33

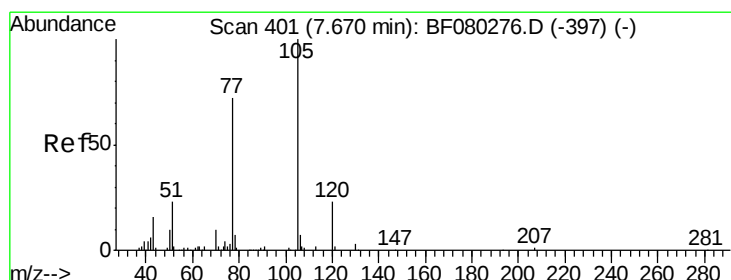
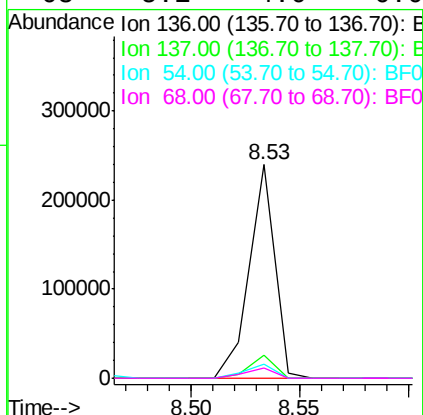
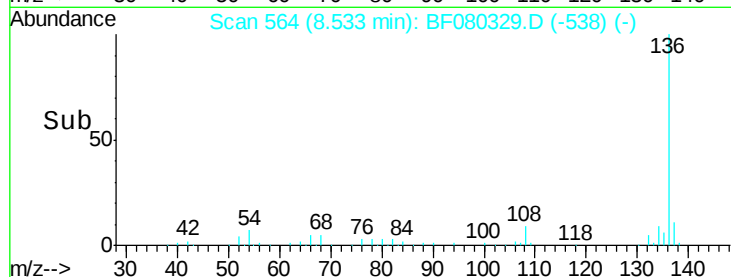
Instrument :
BNA_F
ClientSampleId :
IDOC-01-W-UM



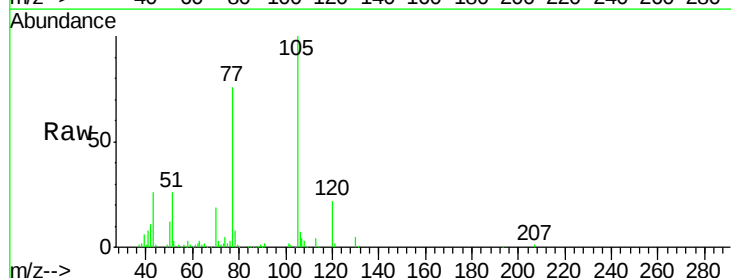
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	196330		
137	10.7	8.4	12.6	
54	6.9	4.9	7.3	
68	5.1	4.0	6.0	

Manual Integrations
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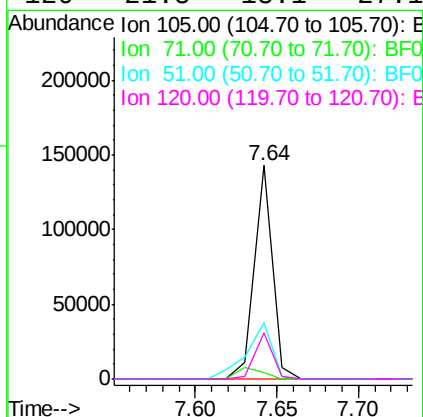
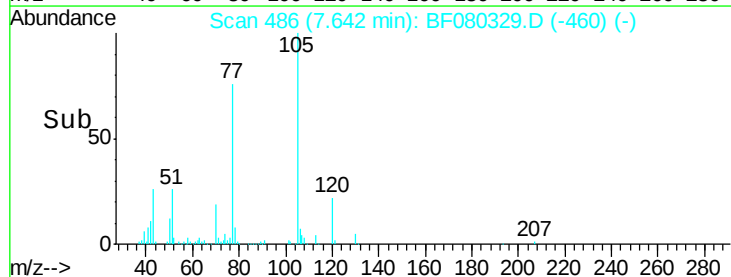
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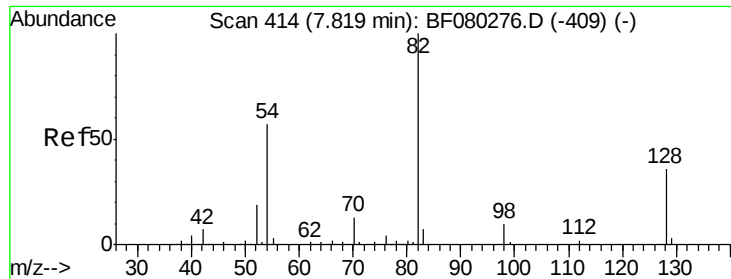


#22
Acetophenone
Concen: 24.49 ng
RT: 7.64 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF080329.D
Acq: 3 Jul 2015 7:33



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	111481		
71	3.2	1.4	2.0#	
51	26.3	18.5	27.7	
120	21.5	18.1	27.1	





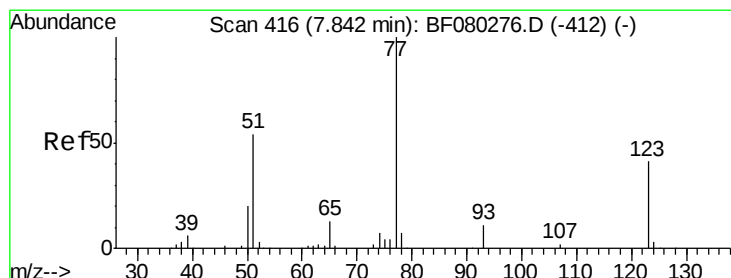
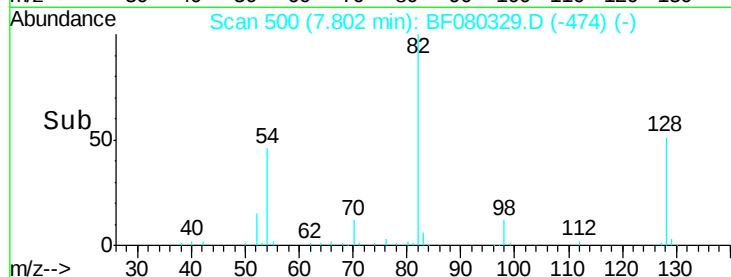
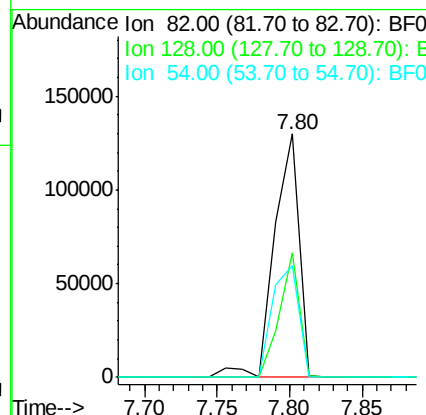
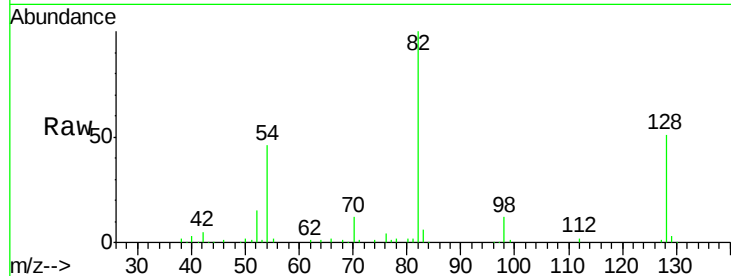
#23
 Nitrobenzene-d5
 Concen: 43.48 ng
 RT: 7.80 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: BF080329.D
 Acq: 3 Jul 2015 7:33

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-01-W-UM

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	153391		
128	51.1	29.0	43.4#	
54	46.0	45.3	67.9	

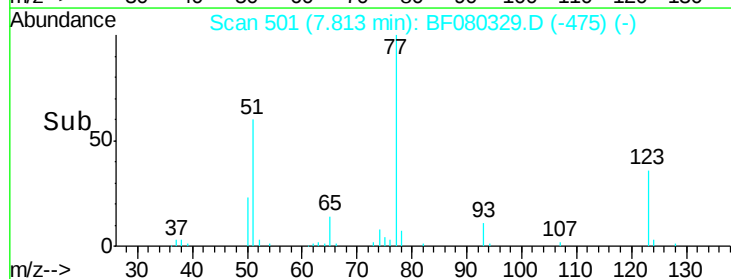
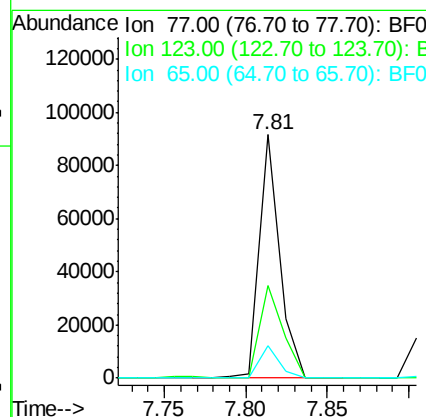
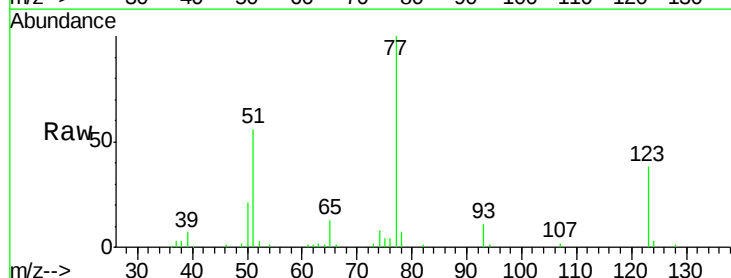
Manual Integrations
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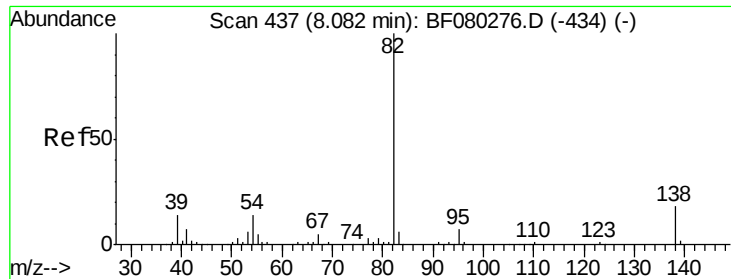
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#24
 Nitrobenzene
 Concen: 22.00 ng
 RT: 7.81 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: BF080329.D
 Acq: 3 Jul 2015 7:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	79686		
123	38.0	33.0	49.6	
65	13.1	10.6	15.8	





#25

Isophorone

Concen: 22.49 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF080329.D

Acq: 3 Jul 2015 7:33

Instrument :

BNA_F

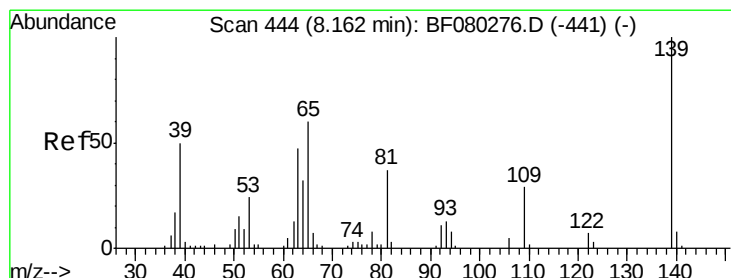
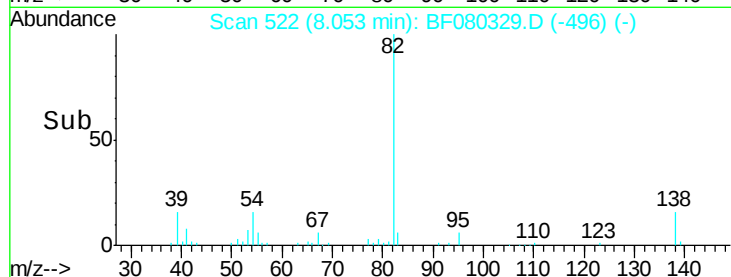
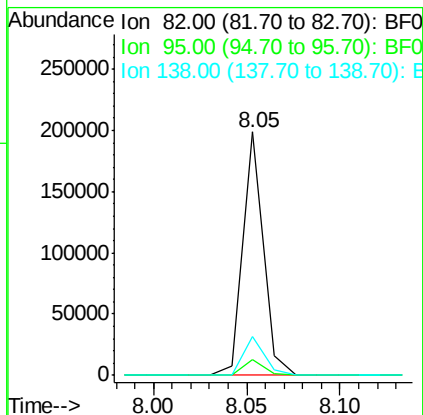
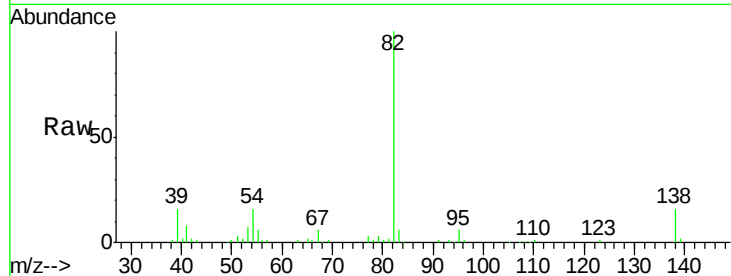
ClientSampleId :

IDOC-01-W-UM

Tgt Ion:	82	Resp:	153345
Ion Ratio		Lower	Upper
82	100		
95	6.3	5.3	7.9
138	15.9	14.4	21.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 20.65 ng

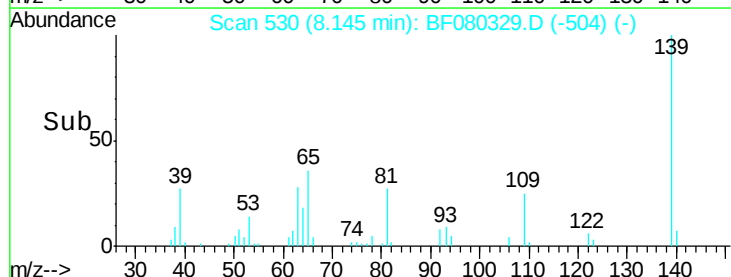
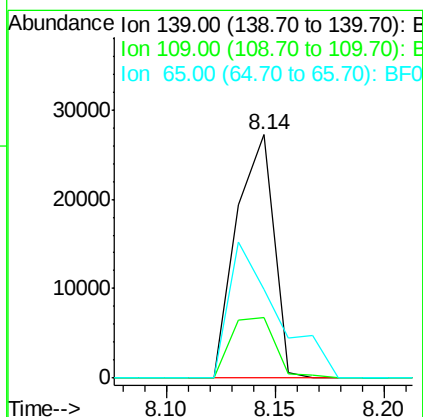
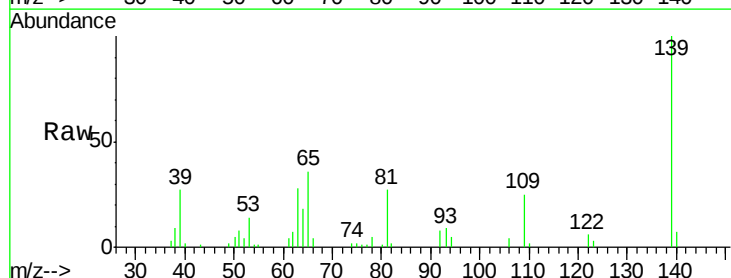
RT: 8.14 min Scan# 530

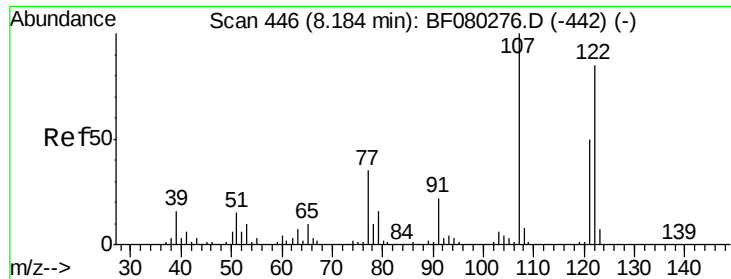
Delta R.T. 0.00 min

Lab File: BF080329.D

Acq: 3 Jul 2015 7:33

Tgt Ion:	139	Resp:	32443
Ion Ratio		Lower	Upper
139	100		
109	24.7	23.1	34.7
65	36.4	47.6	71.4#





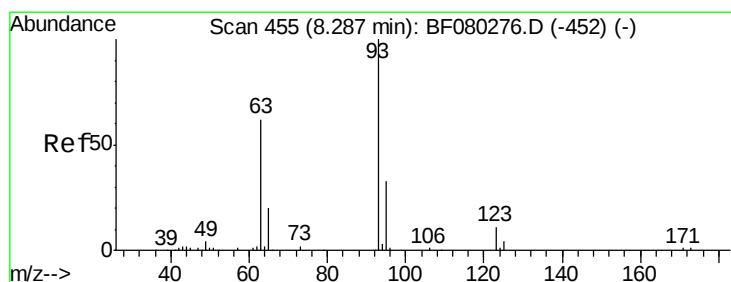
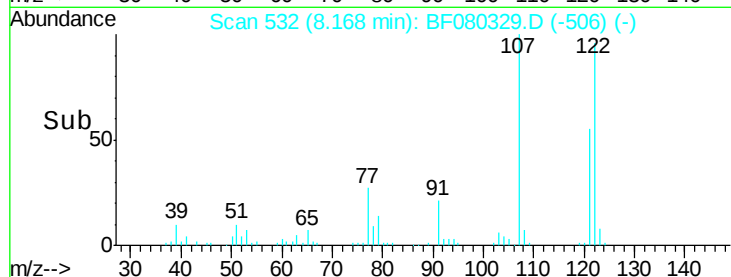
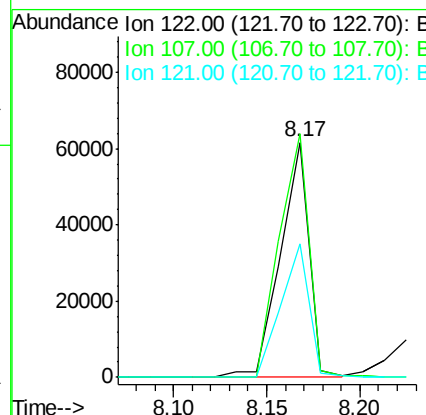
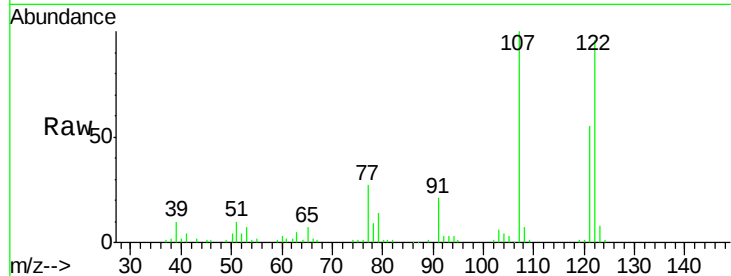
#27
 2,4-Dimethylphenol
 Concen: 22.46 ng
 RT: 8.17 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: BF080329.D
 Acq: 3 Jul 2015 7:33

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-01-W-UM

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	65667		
107	103.6	93.7	140.5	
121	57.0	46.9	70.3	

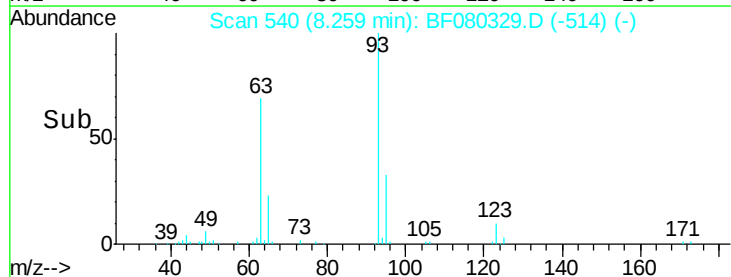
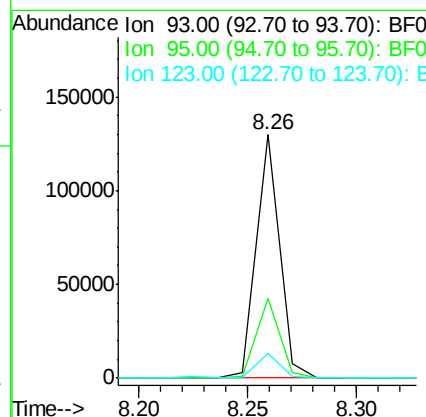
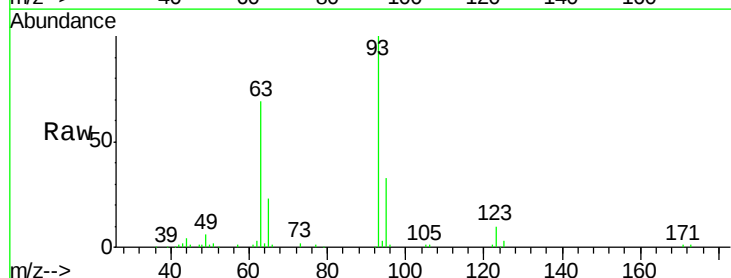
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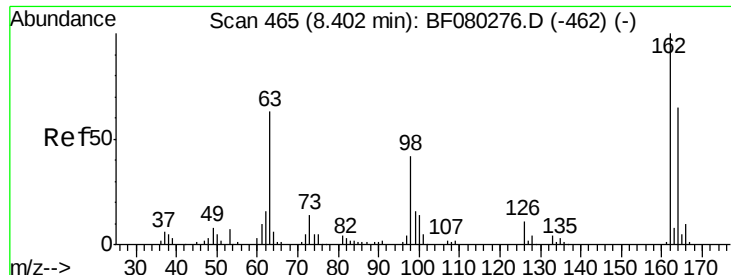
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#28
 bis(2-Chloroethoxy)methane
 Concen: 23.42 ng
 RT: 8.26 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF080329.D
 Acq: 3 Jul 2015 7:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	96709		
95	32.9	26.6	39.8	
123	10.0	9.2	13.8	





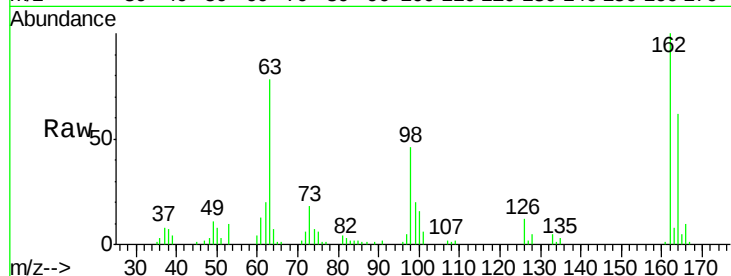
#29
 2,4-Dichlorophenol
 Concen: 23.09 ng
 RT: 8.37 min Scan# 550
 Delta R.T. 0.00 min
 Lab File: BF080329.D
 Acq: 3 Jul 2015 7:33

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-01-W-UM

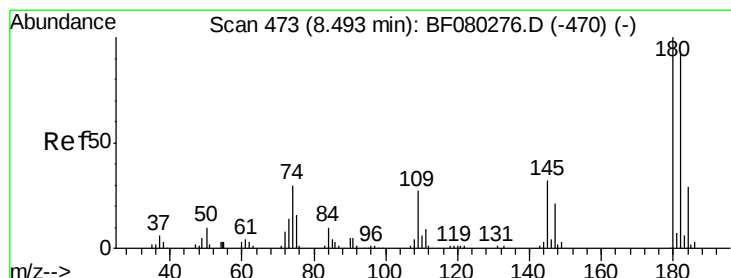
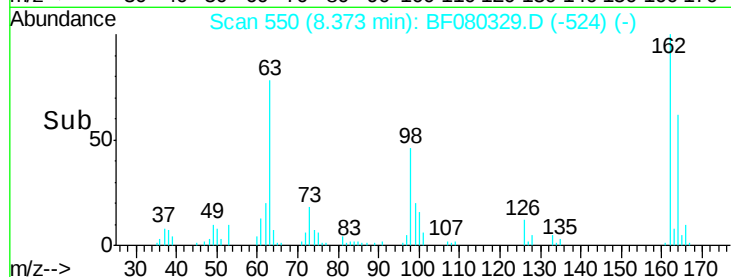
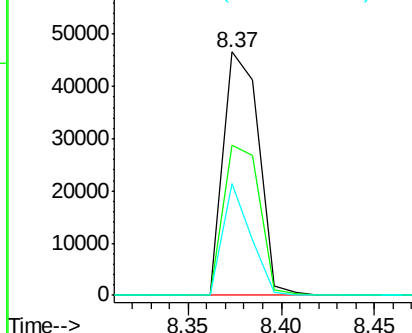
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	61938		
164	61.7	44.6	84.6	
98	46.0	21.7	61.7	

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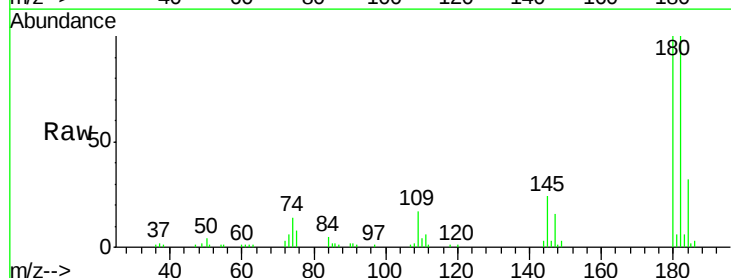


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

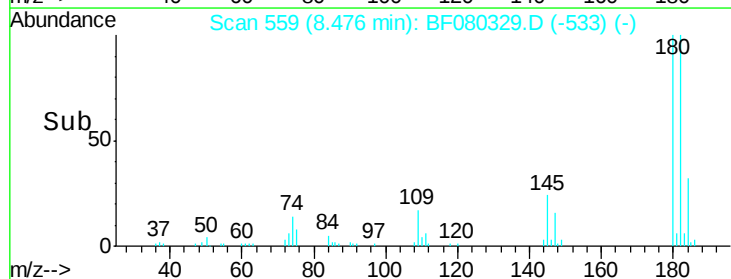
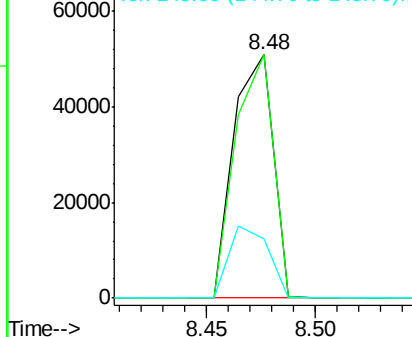


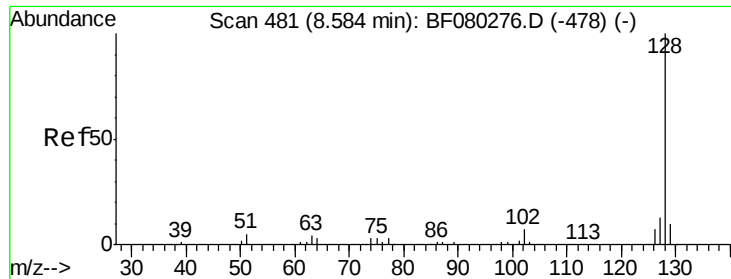
#30
 1,2,4-Trichlorobenzene
 Concen: 20.38 ng
 RT: 8.48 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: BF080329.D
 Acq: 3 Jul 2015 7:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	64089		
182	100.0	73.8	110.6	
145	24.4	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





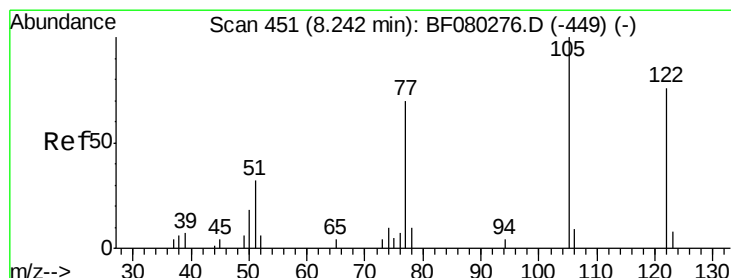
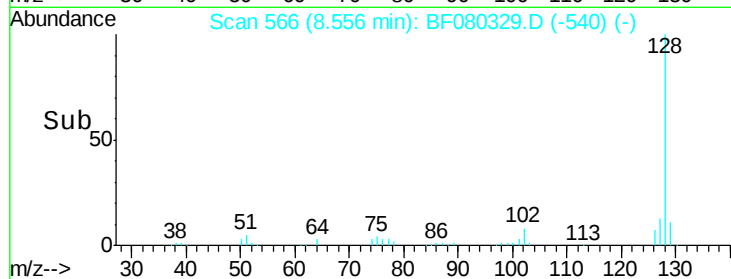
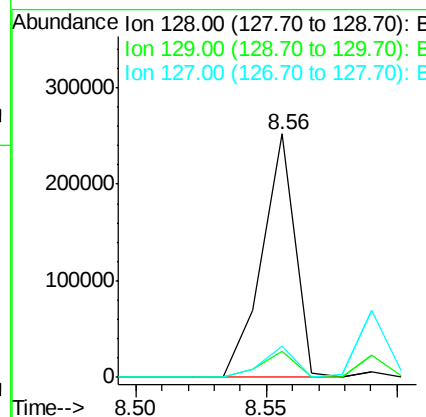
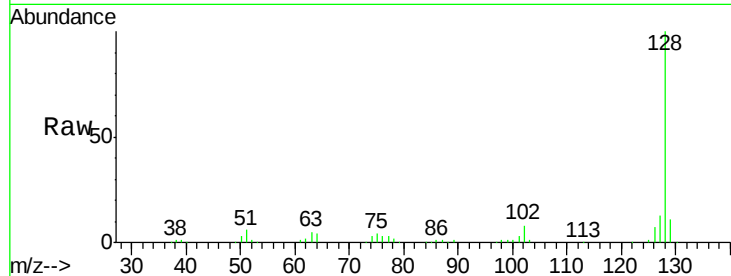
#31
Naphthalene
Concen: 22.35 ng
RT: 8.56 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF080329.D
Acq: 3 Jul 2015 7:33

Instrument :
BNA_F
ClientSampleId :
IDOC-01-W-UM

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	223133		
129	10.6	8.2	12.4	
127	12.8	10.4	15.6	

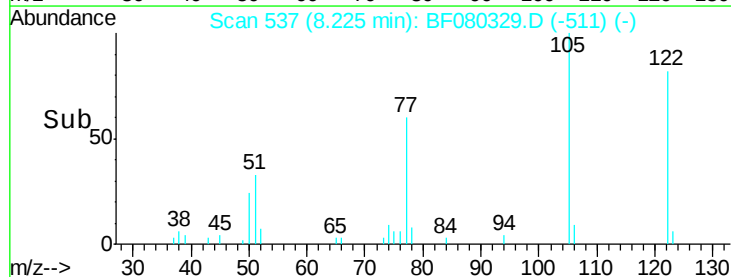
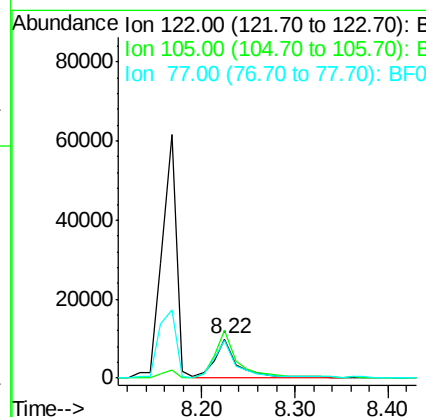
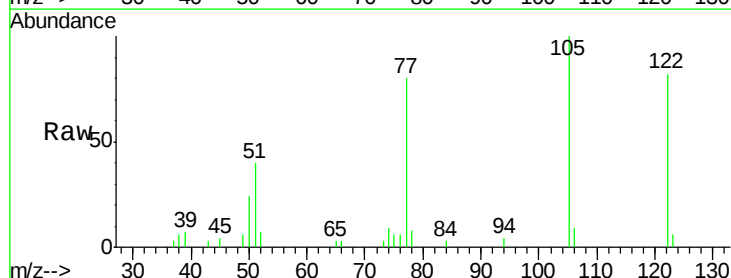
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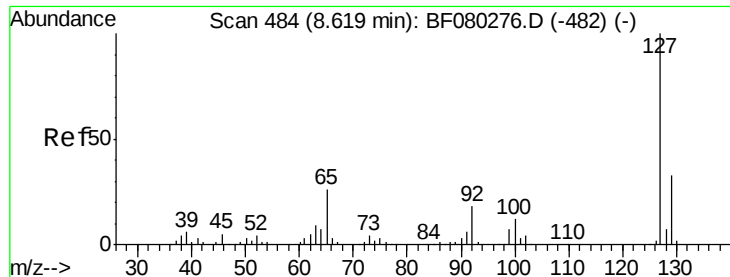
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#32
Benzoic acid
Concen: 24.23 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF080329.D
Acq: 3 Jul 2015 7:33

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	17420		
105	121.7	103.3	143.3	
77	97.4	71.5	111.5	





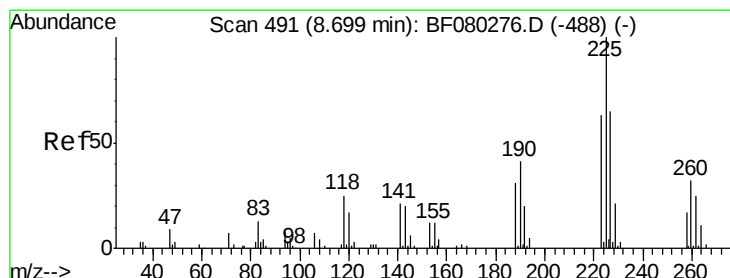
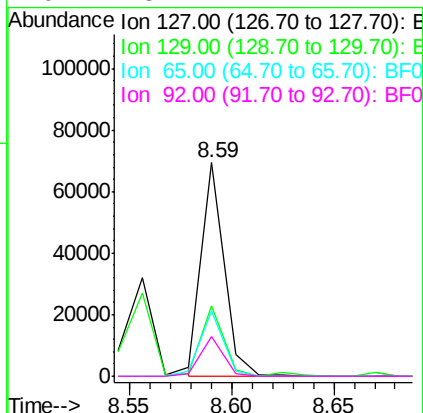
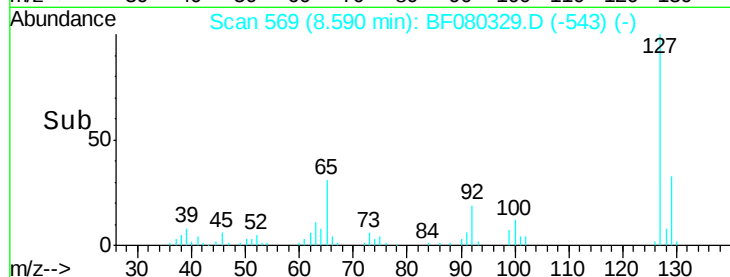
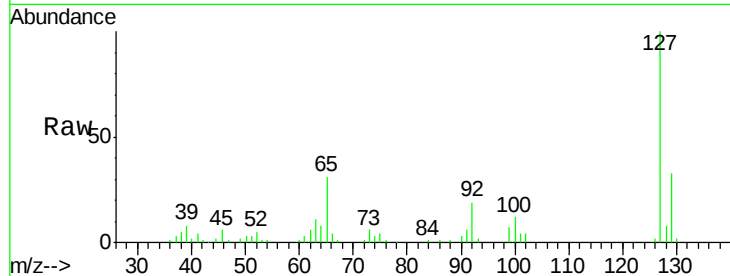
#33
4-Chloroaniline
Concen: 12.66 ng m
RT: 8.59 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF080329.D
Acq: 3 Jul 2015 7:33

Instrument :
BNA_F
ClientSampleId :
IDOC-01-W-UM

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	53095		
129	33.0	26.4	39.6	
65	30.9	21.0	31.6	
92	18.7	14.1	21.1	

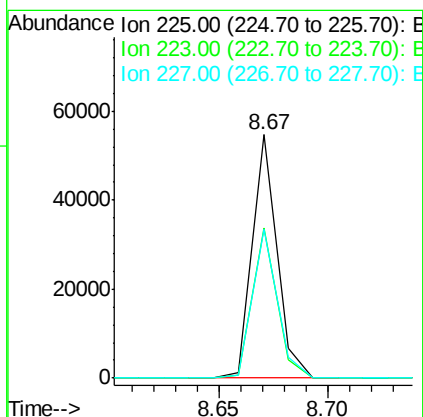
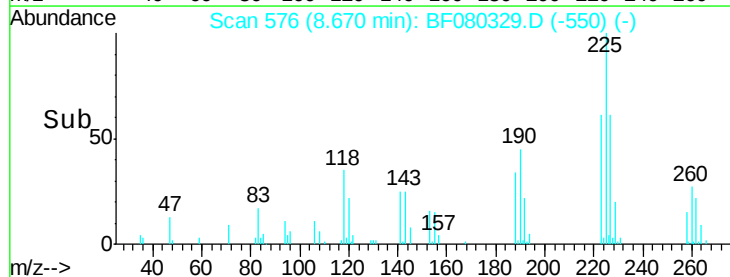
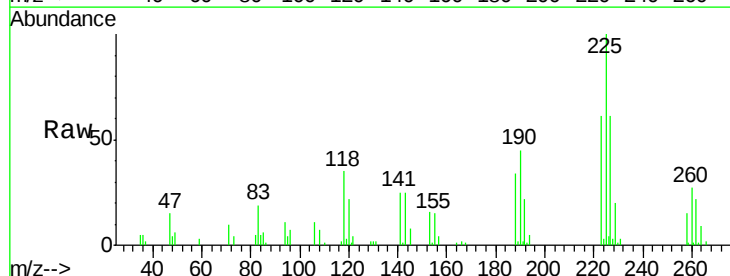
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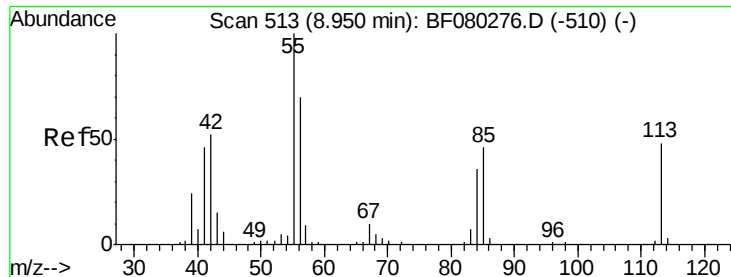
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#34
Hexachlorobutadiene
Concen: 21.66 ng
RT: 8.67 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF080329.D
Acq: 3 Jul 2015 7:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	42847		
223	61.5	50.5	75.7	
227	61.3	51.8	77.8	





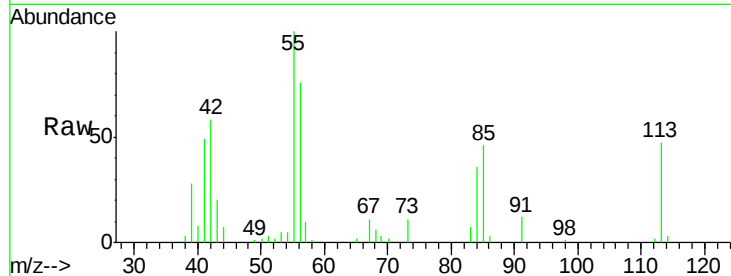
#35
 Caprolactam
 Concen: 21.02 ng
 RT: 8.92 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF080329.D
 Acq: 3 Jul 2015 7:33

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-01-W-UM

Tgt Ion	Ratio	Lower	Upper
113	100		
55	210.8	189.7	229.7
56	159.2	127.2	167.2

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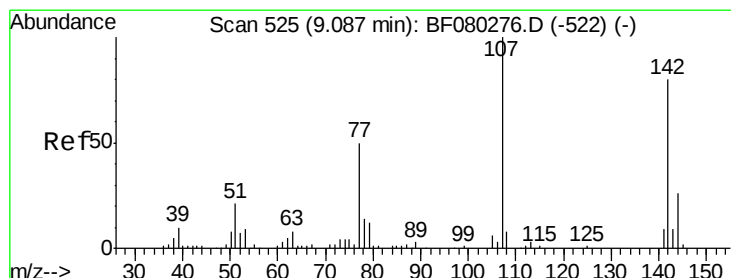
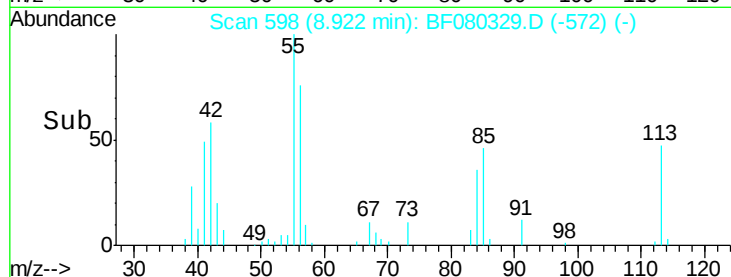
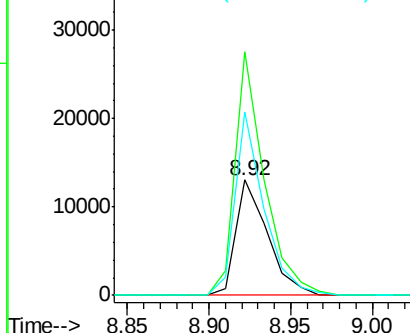
apatel
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Abundance Ion 113.00 (112.70 to 113.70): E

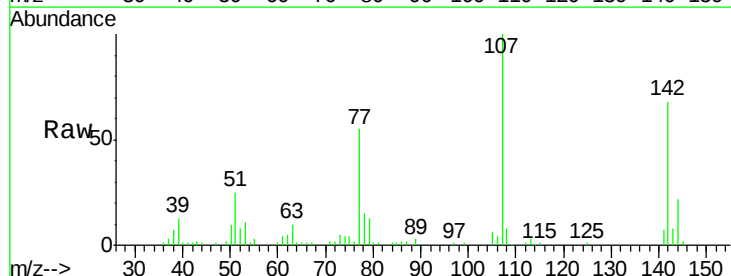
Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36
 4-Chloro-3-methylphenol
 Concen: 22.65 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF080329.D
 Acq: 3 Jul 2015 7:33

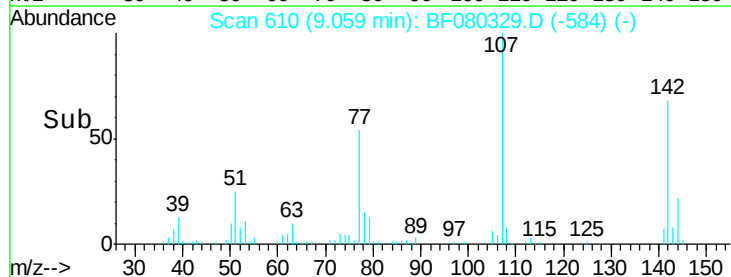
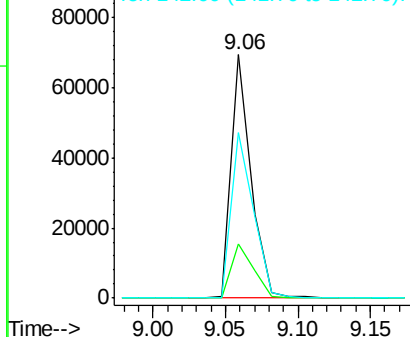
Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.0	20.4	30.6
142	67.8	63.8	95.6

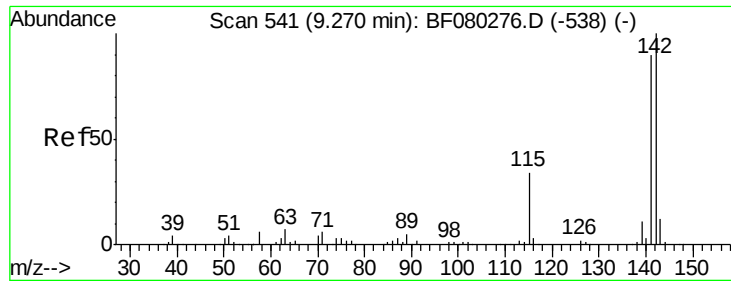


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





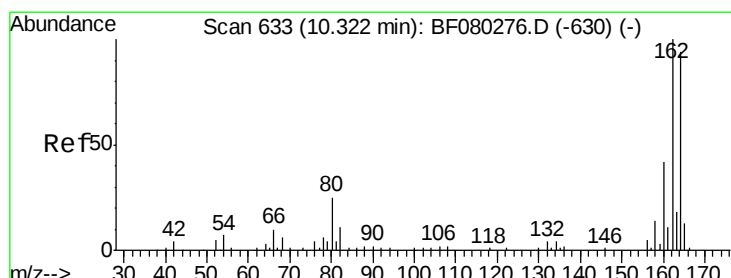
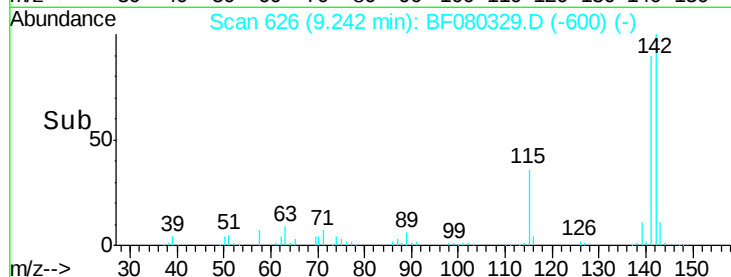
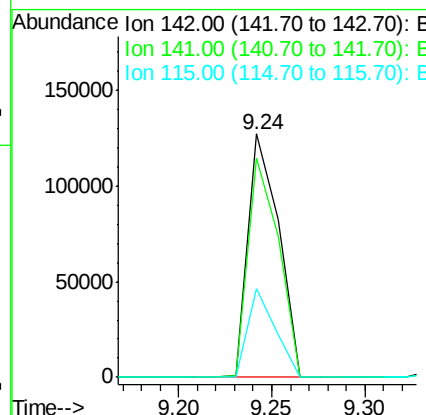
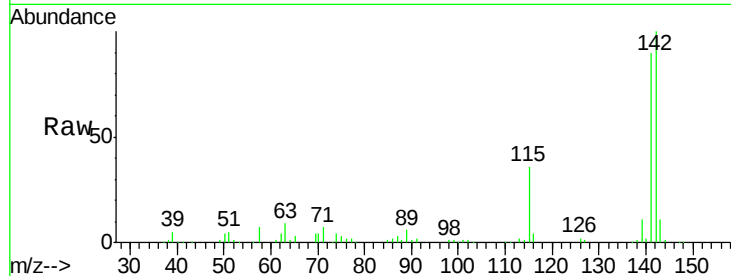
#37
 2-Methylnaphthalene
 Concen: 21.52 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF080329.D
 Acq: 3 Jul 2015 7:33

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-01-W-UM

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	144878		
141	90.3	71.8	107.6	
115	36.4	27.4	41.2	

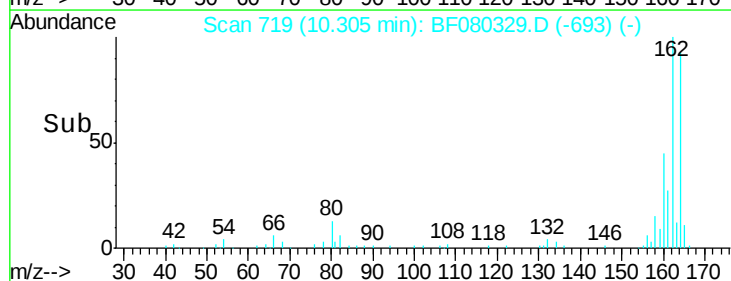
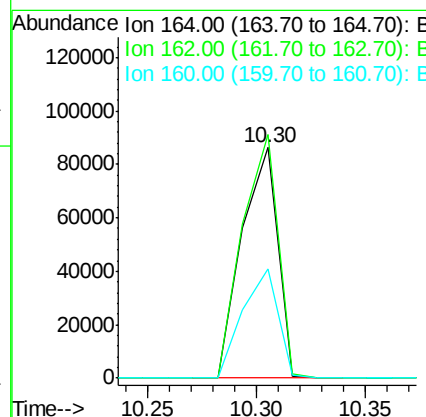
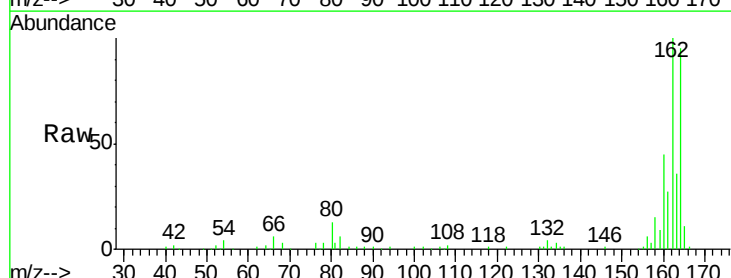
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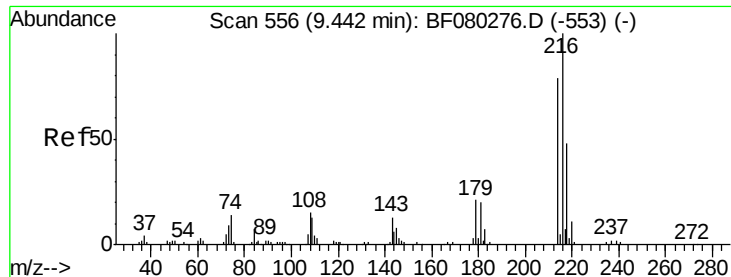
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.30 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: BF080329.D
 Acq: 3 Jul 2015 7:33

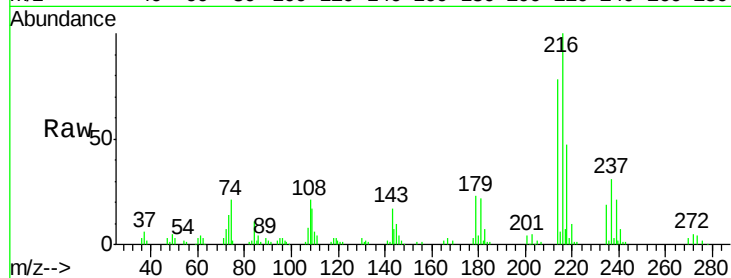
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	98036		
162	105.6	84.8	127.2	
160	47.5	35.8	53.8	





#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 21.38 ng
 RT: 9.41 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF080329.D
 Acq: 3 Jul 2015 7:33

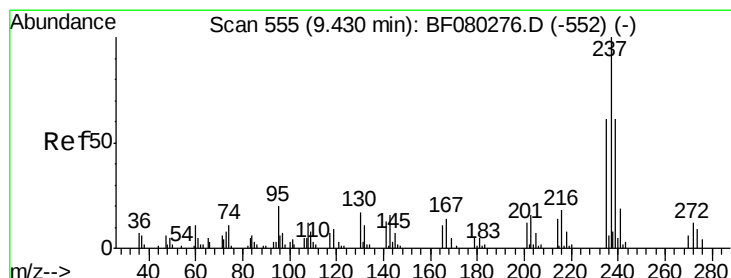
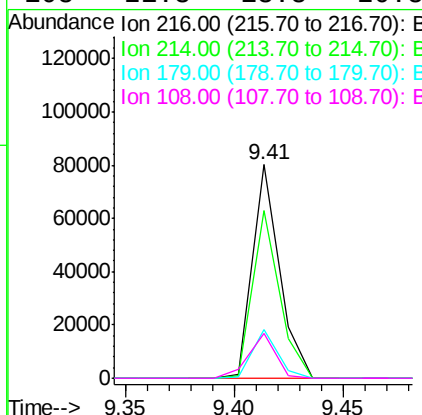
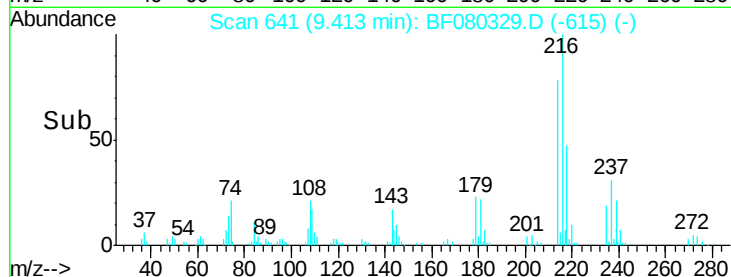
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-01-W-UM



Tgt Ion	Ratio	Resp	Lower	Upper
216	100	69041		
214	78.2	63.0	94.6	
179	21.7	16.8	25.2	
108	21.3	13.8	20.8	

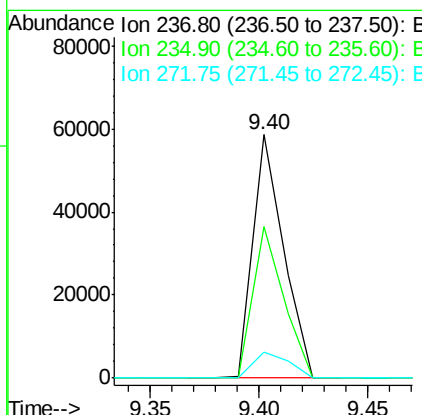
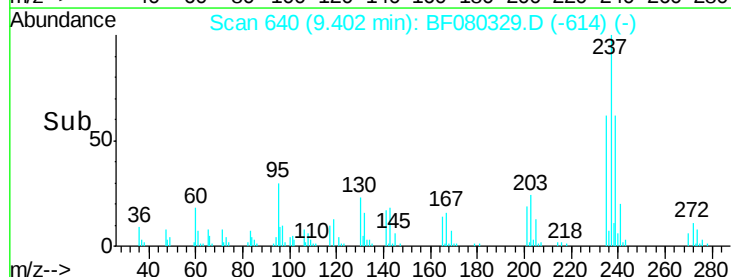
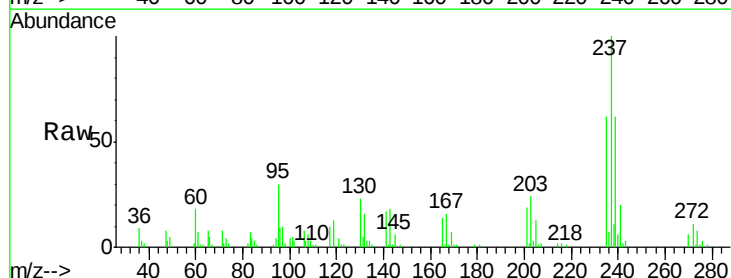
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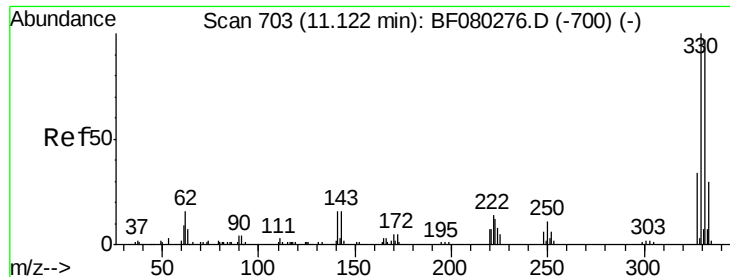
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#40
 Hexachlorocyclopentadiene
 Concen: 48.78 ng
 RT: 9.40 min Scan# 640
 Delta R.T. 0.00 min
 Lab File: BF080329.D
 Acq: 3 Jul 2015 7:33

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	57534		
235	62.4	41.3	81.3	
272	10.5	0.0	31.8	





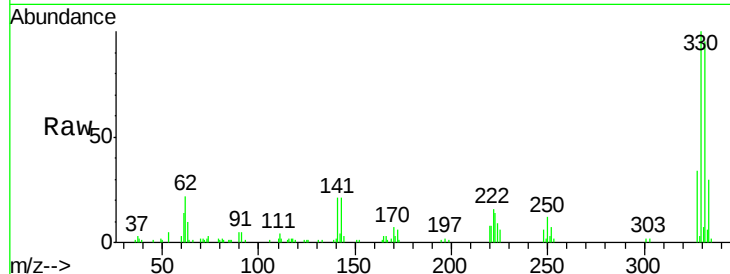
#41
 2,4,6-Tribromophenol
 Concen: 50.01 ng
 RT: 11.09 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF080329.D
 Acq: 3 Jul 2015 7:33

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-01-W-UM

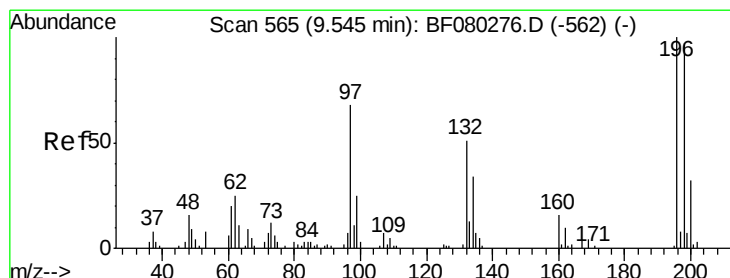
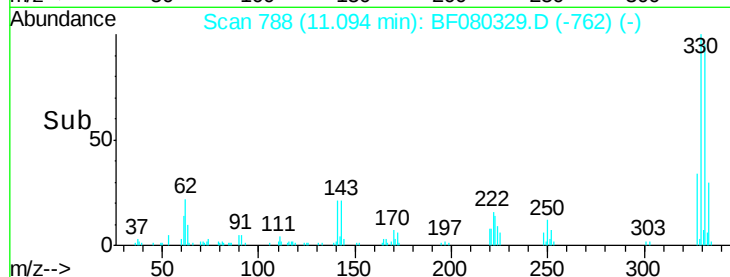
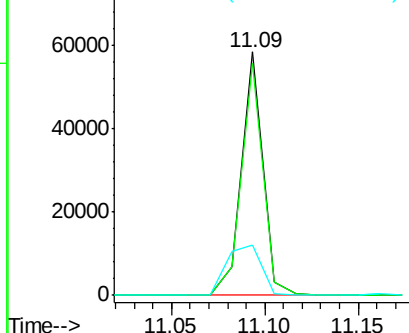
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	47223		
332	95.7	77.4	116.2	
141	33.6	28.0	42.0	

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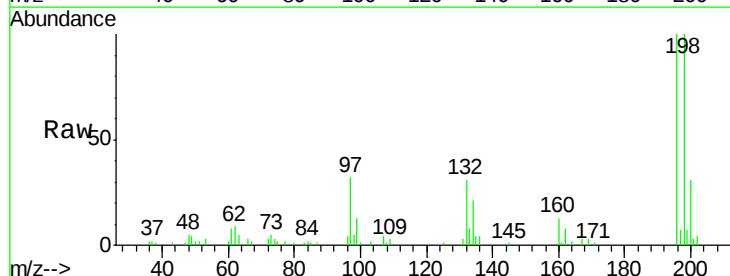


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

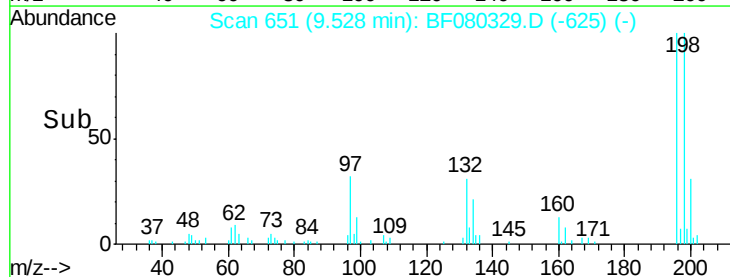
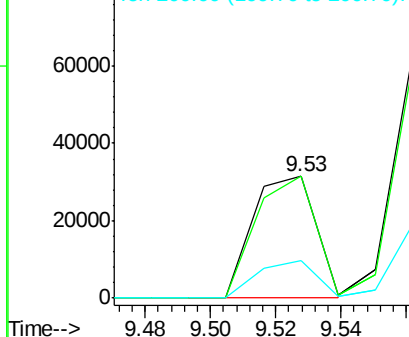


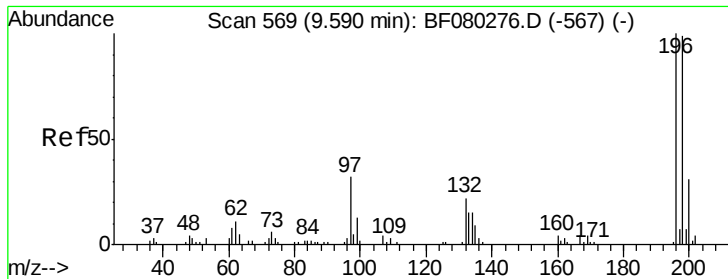
#42
 2,4,6-Trichlorophenol
 Concen: 20.53 ng
 RT: 9.53 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF080329.D
 Acq: 3 Jul 2015 7:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	41940		
198	100.2	77.7	116.5	
200	31.4	25.6	38.4	



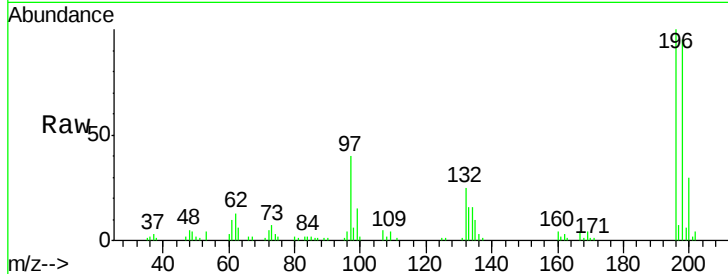
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 23.18 ng
 RT: 9.56 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF080329.D
 Acq: 3 Jul 2015 7:33

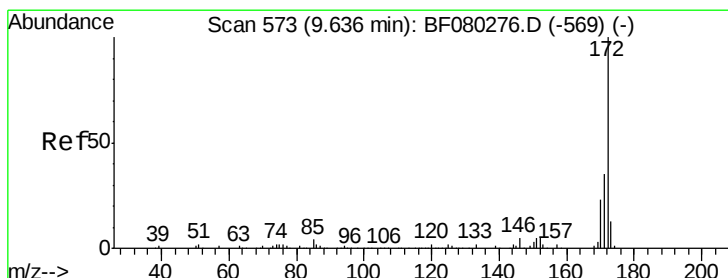
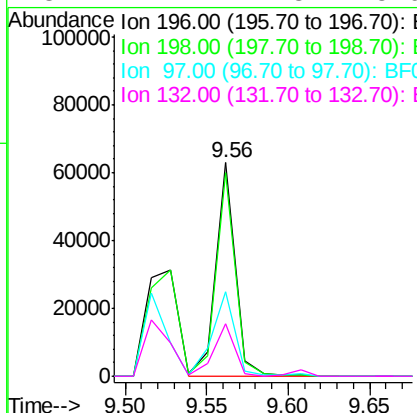
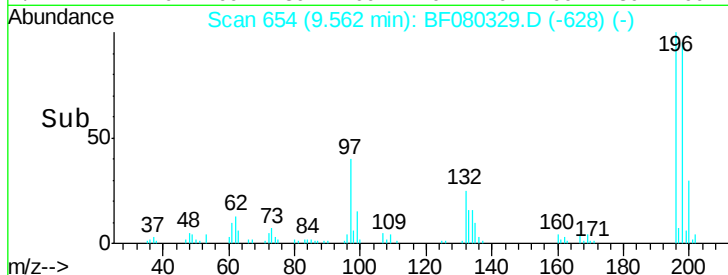
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-01-W-UM



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	52294		
198	95.3	79.4	119.2	
97	39.5	25.9	38.9#	
132	24.7	17.3	25.9	

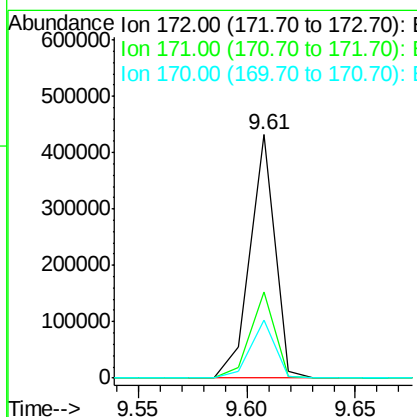
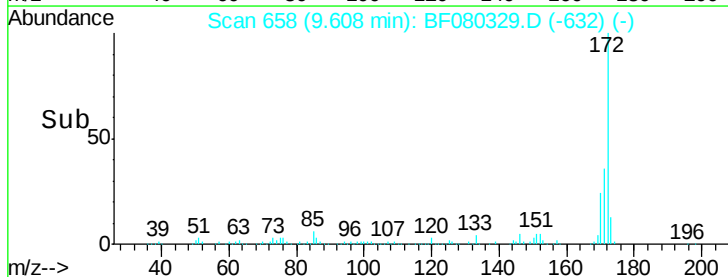
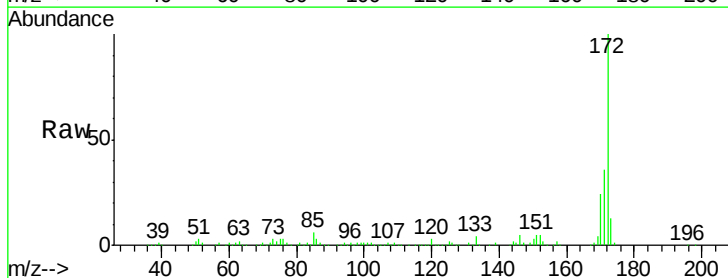
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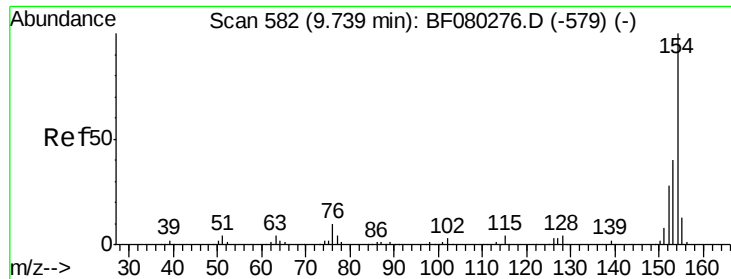
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#44
 2-Fluorobiphenyl
 Concen: 49.64 ng
 RT: 9.61 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF080329.D
 Acq: 3 Jul 2015 7:33

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	341522		
171	35.5	28.1	42.1	
170	23.8	18.6	28.0	





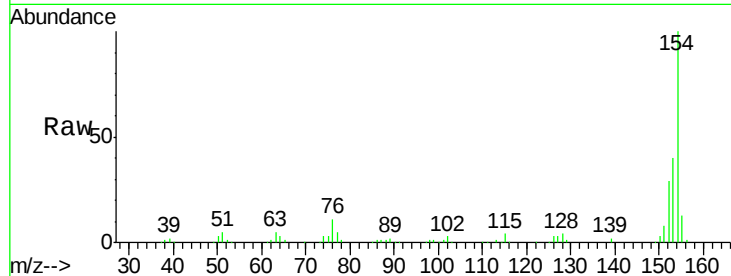
#45
1,1'-Biphenyl
Concen: 23.89 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF080329.D
Acq: 3 Jul 2015 7:33

Instrument :
BNA_F
ClientSampleId :
IDOC-01-W-UM

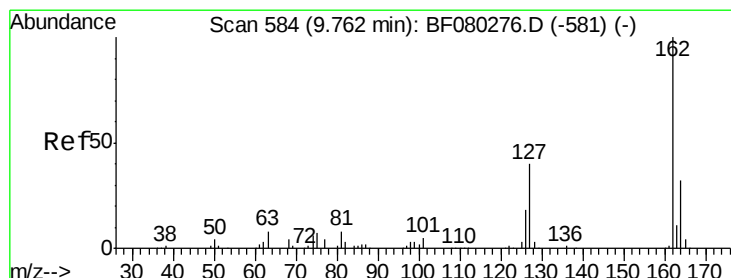
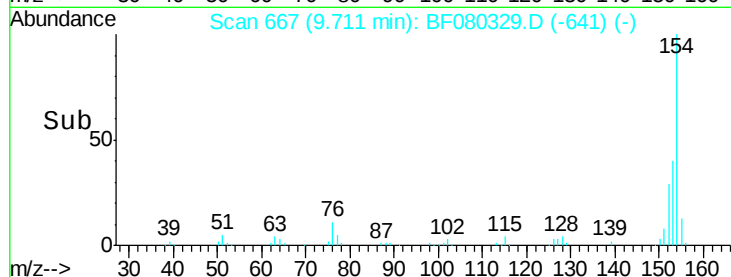
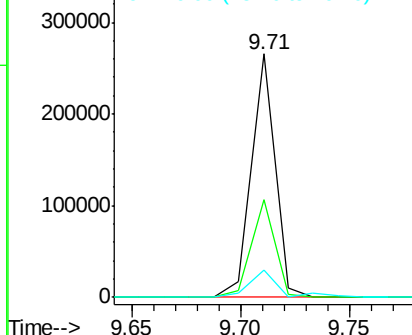
Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	40.0	20.3	60.3
76	11.4	0.0	30.3

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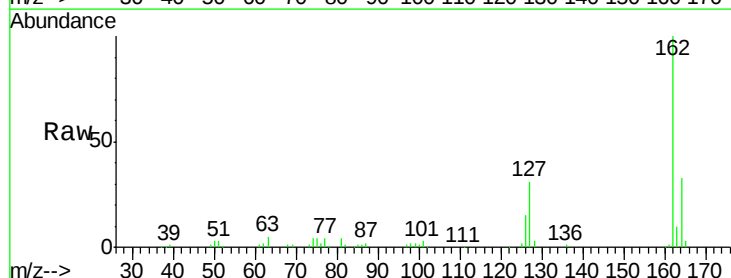


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

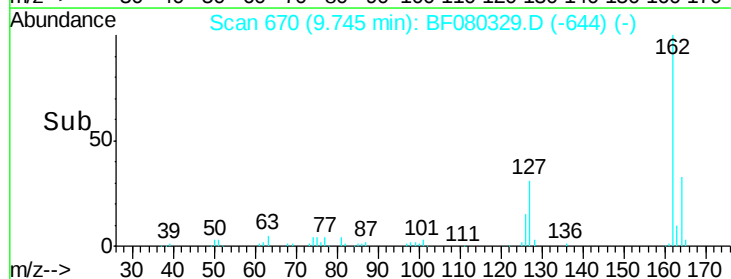
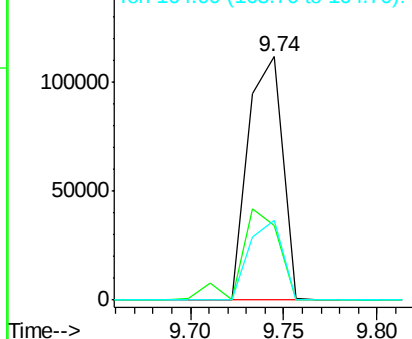


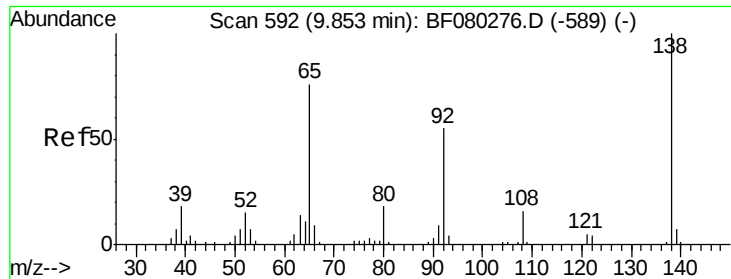
#46
2-Chloronaphthalene
Concen: 22.12 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF080329.D
Acq: 3 Jul 2015 7:33

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	30.7	33.4	50.0#
164	32.9	25.3	37.9



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





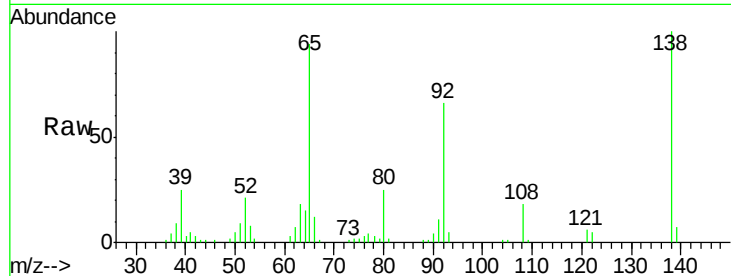
#47
2-Nitroaniline
Concen: 23.15 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF080329.D
Acq: 3 Jul 2015 7:33

Instrument :
BNA_F
ClientSampleId :
IDOC-01-W-UM

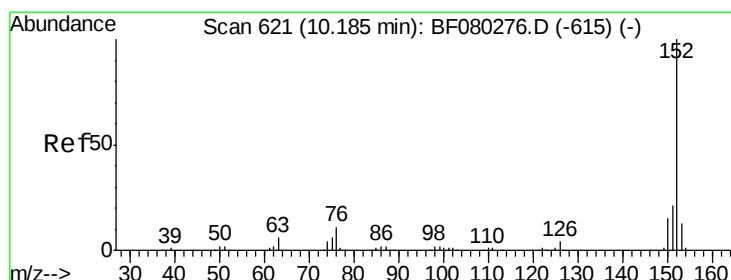
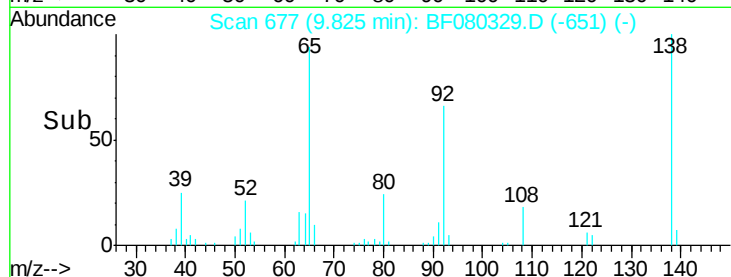
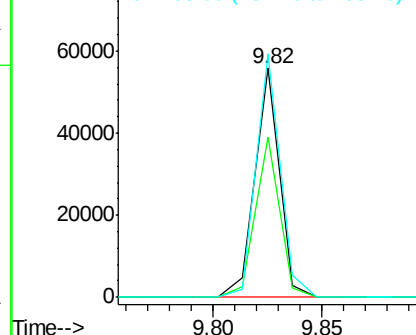
Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.8	58.0	87.0
138	106.2	104.8	157.2

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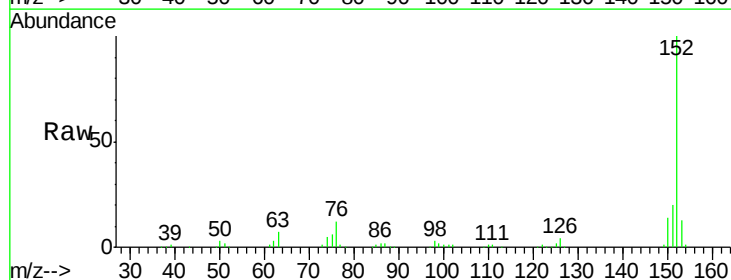


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

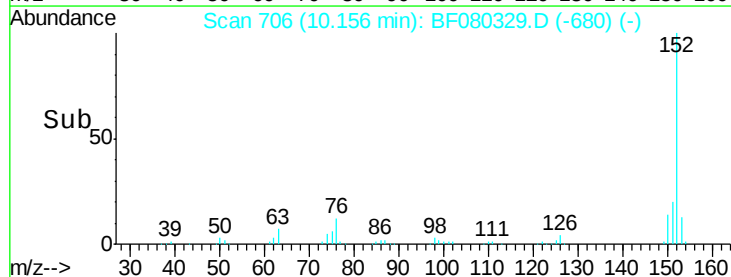
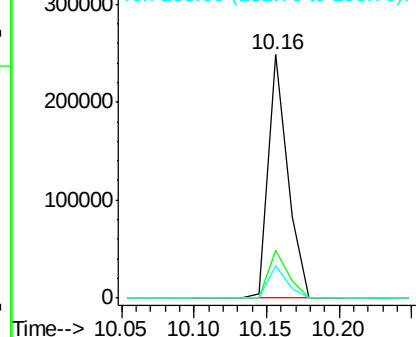


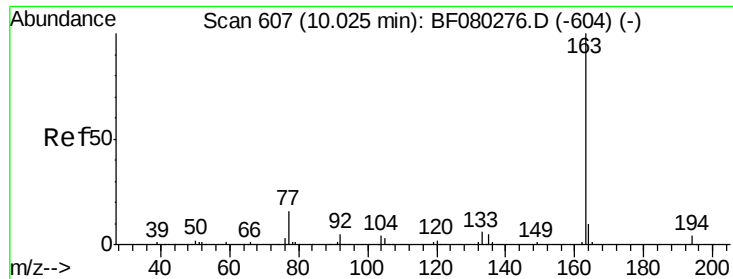
#48
Acenaphthylene
Concen: 20.72 ng
RT: 10.16 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF080329.D
Acq: 3 Jul 2015 7:33

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.7	25.1
153	13.1	10.7	16.1



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





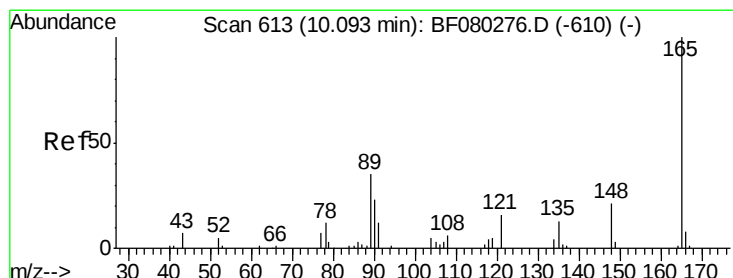
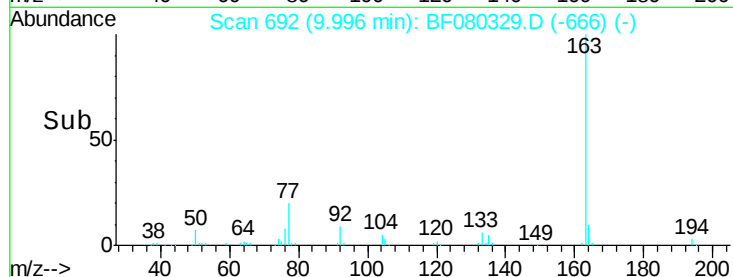
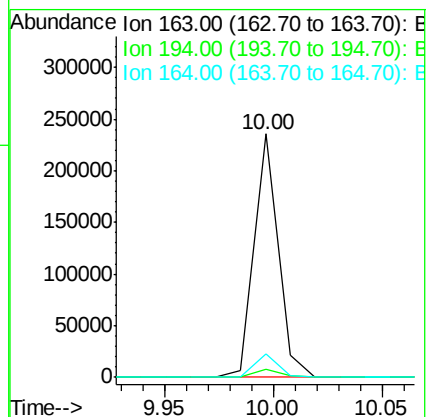
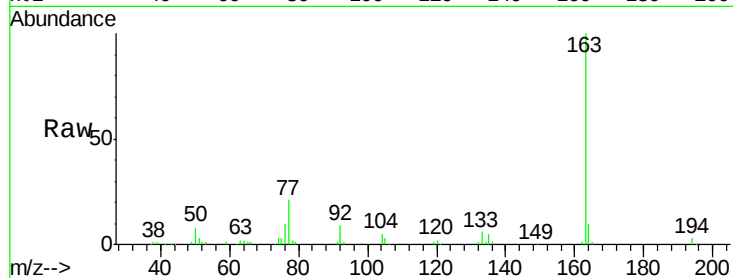
#49
Dimethylphthalate
Concen: 24.22 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF080329.D
Acq: 3 Jul 2015 7:33

Instrument :
BNA_F
ClientSampleId :
IDOC-01-W-UM

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.3	3.0	4.4
164	9.8	7.9	11.9

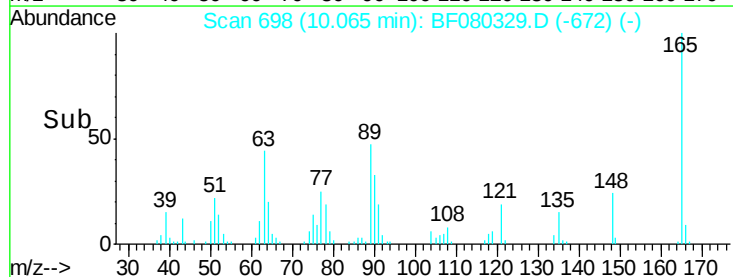
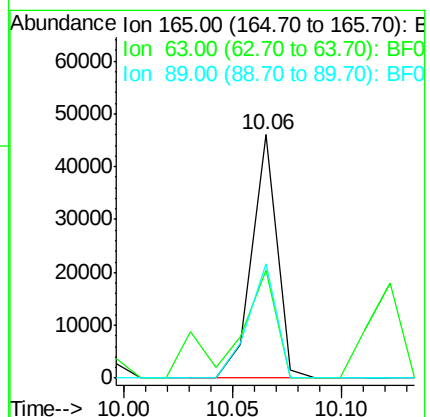
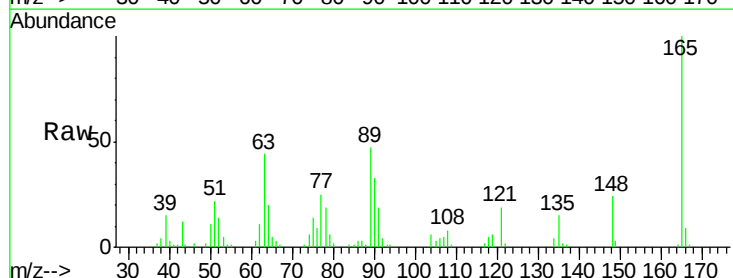
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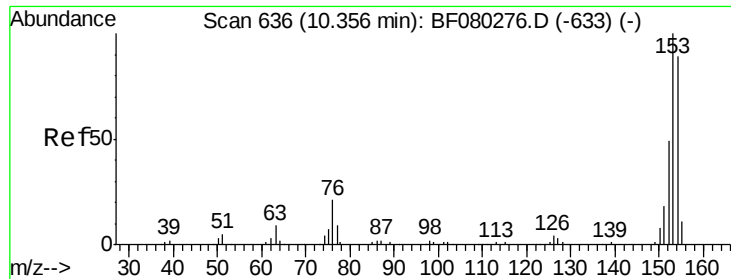
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#50
2,6-Dinitrotoluene
Concen: 23.82 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF080329.D
Acq: 3 Jul 2015 7:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	44.5	23.4	35.0#
89	46.9	27.7	41.5#





#51

Acenaphthene

Concen: 23.51 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF080329.D

Acq: 3 Jul 2015 7:33

Instrument :

BNA_F

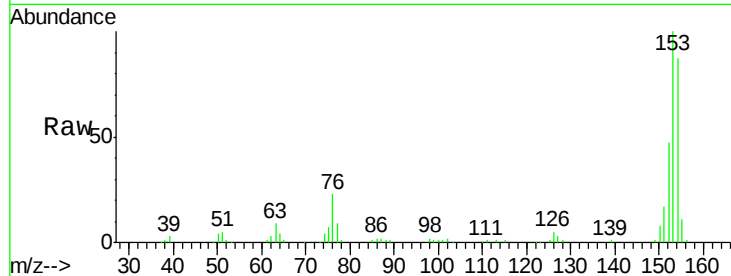
ClientSampleId :

IDOC-01-W-UM

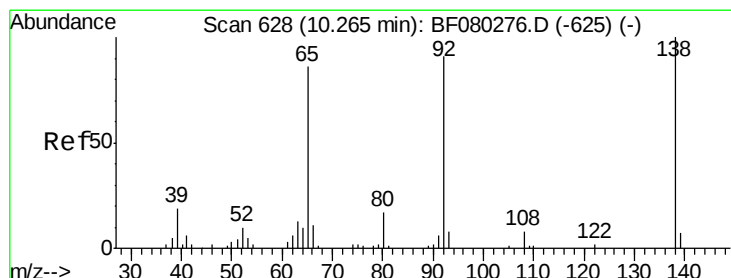
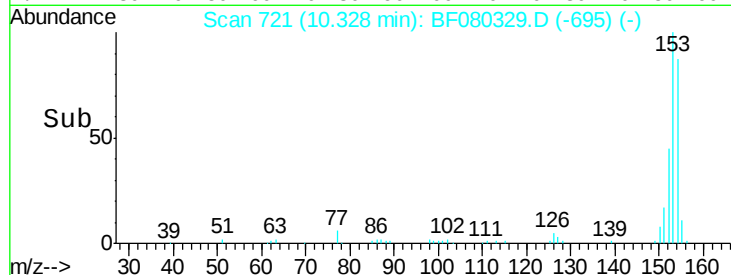
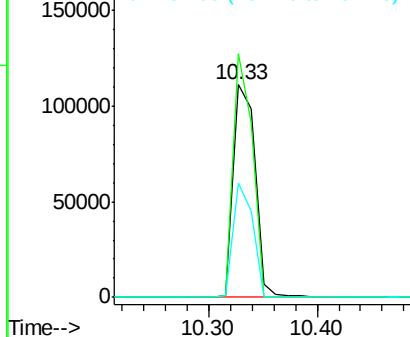
Tgt Ion:	154	Resp:	151461
Ion Ratio	Lower	Upper	
154	100		
153	114.7	90.4	135.6
152	53.8	43.9	65.9

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 15.43 ng

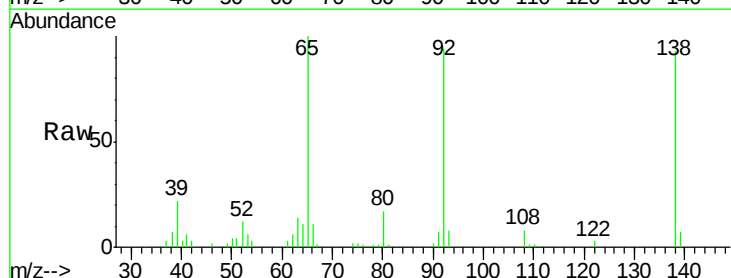
RT: 10.24 min Scan# 713

Delta R.T. 0.00 min

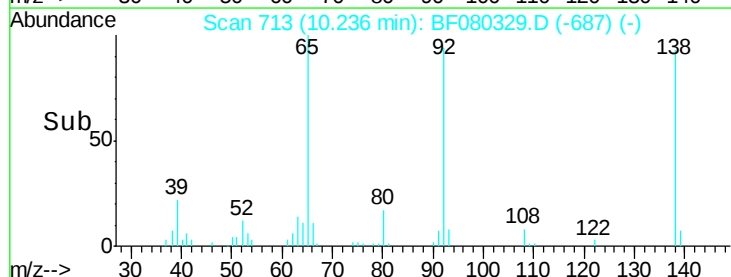
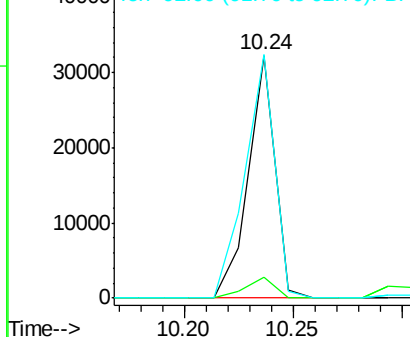
Lab File: BF080329.D

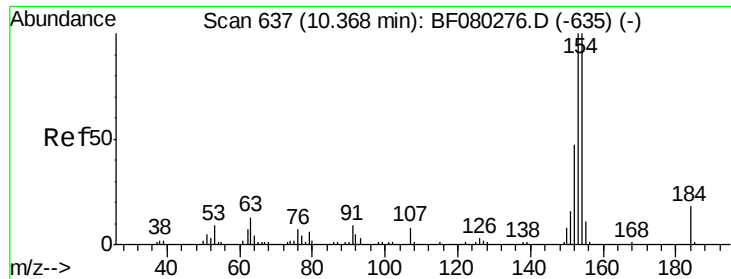
Acq: 3 Jul 2015 7:33

Tgt Ion:	138	Resp:	27457
Ion Ratio	Lower	Upper	
138	100		
108	8.9	6.7	10.1
92	100.4	72.6	109.0



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





#53

2,4-Dinitrophenol

Concen: 55.66 ng

RT: 10.34 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF080329.D

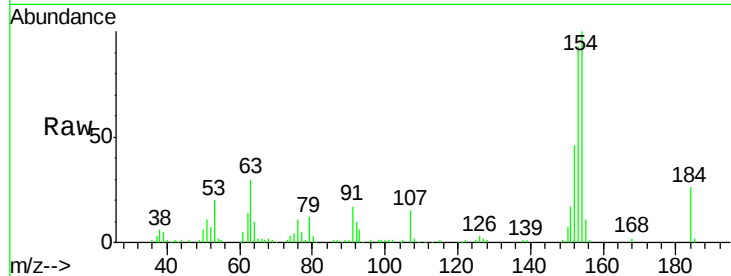
Acq: 3 Jul 2015 7:33

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:184 Resp: 29271

Ion Ratio Lower Upper

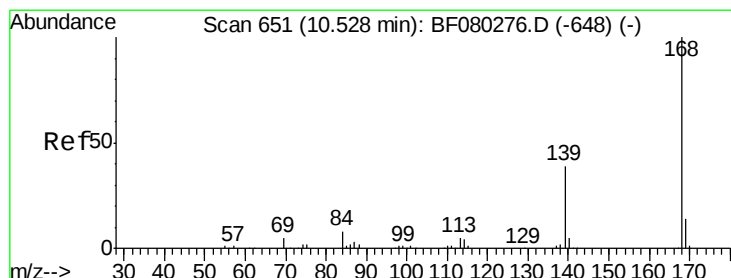
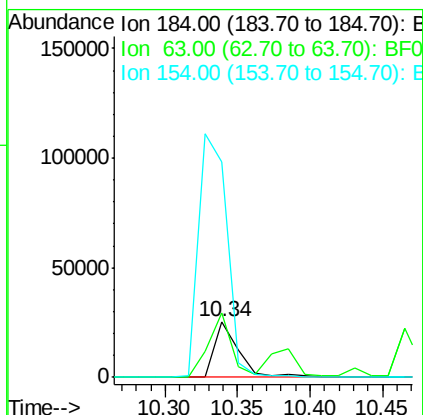
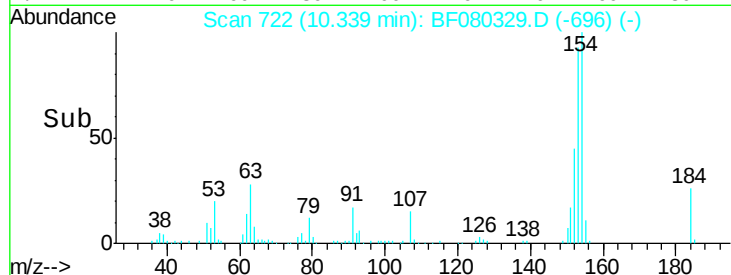
184 100

63 115.4 65.0 97.6#

154 388.1 473.1 709.7#

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#54

Dibenzofuran

Concen: 22.14 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF080329.D

Acq: 3 Jul 2015 7:33

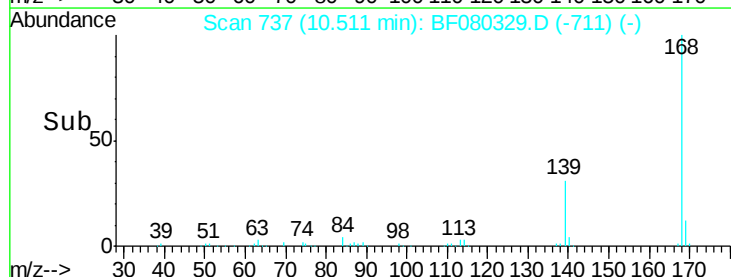
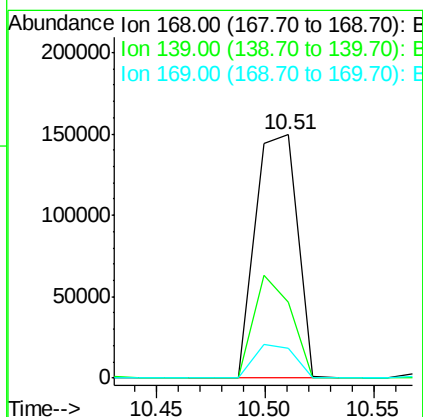
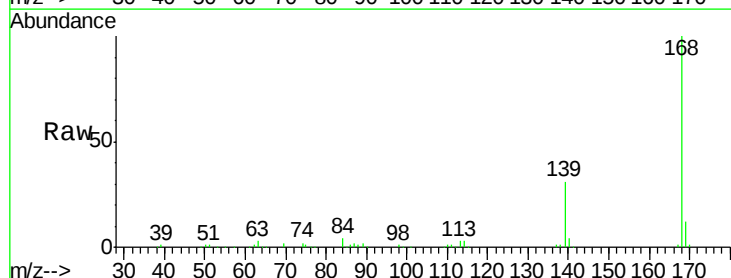
Tgt Ion:168 Resp: 202560

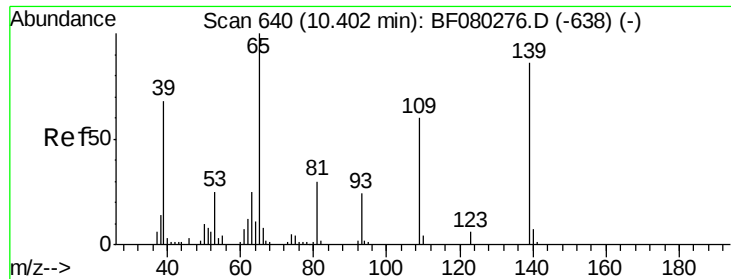
Ion Ratio Lower Upper

168 100

139 31.3 31.5 47.3#

169 12.4 11.0 16.4





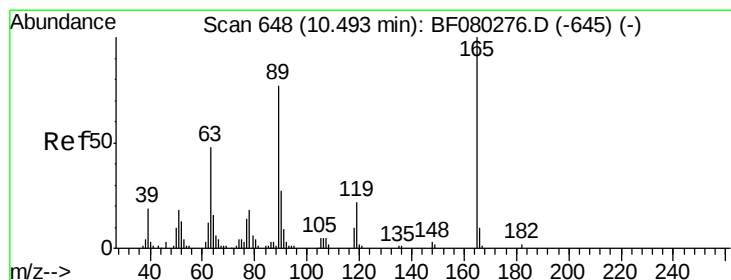
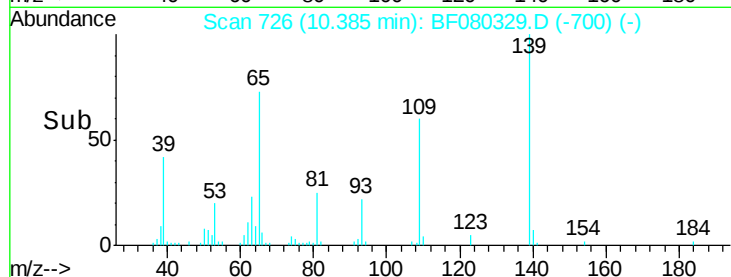
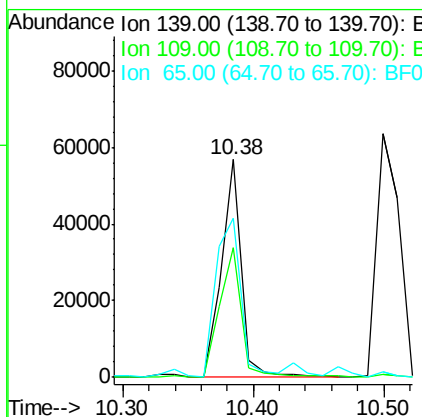
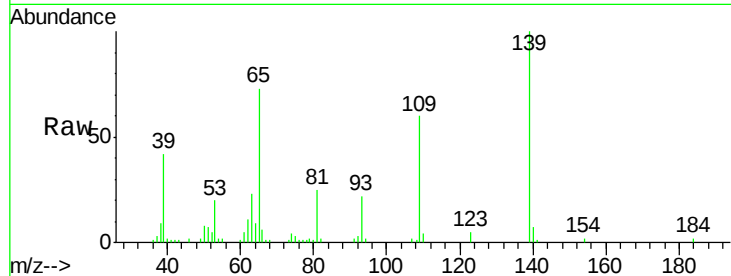
#55
4-Nitrophenol
Concen: 46.29 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF080329.D
Acq: 3 Jul 2015 7:33

Instrument :
BNA_F
ClientSampleId :
IDOC-01-W-UM

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	60726		
109	59.9	50.2	90.2	
65	73.1	96.7	136.7	

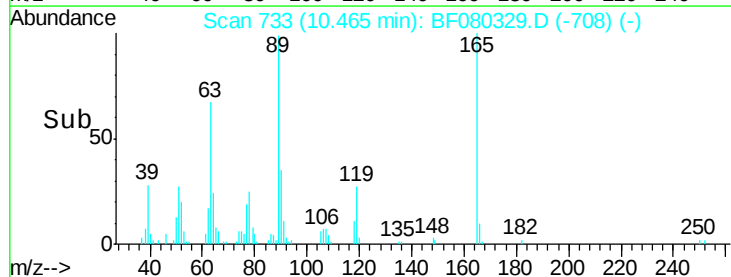
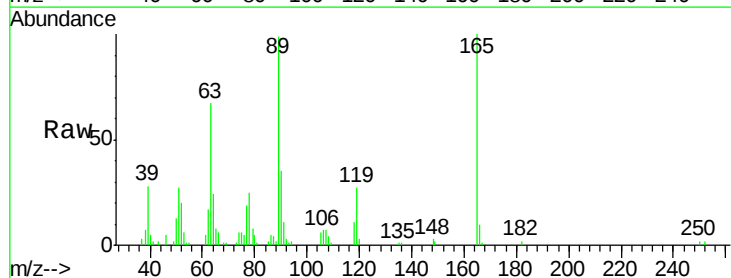
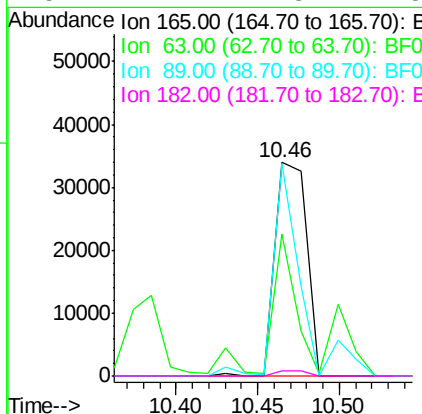
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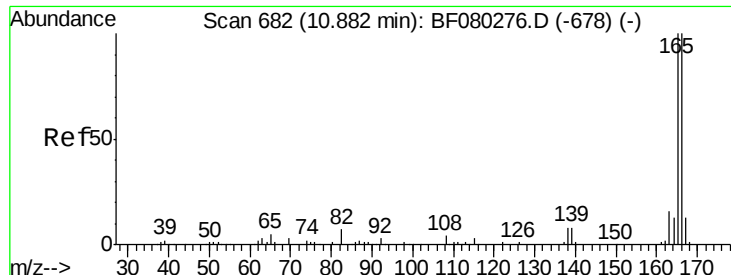
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#56
2,4-Dinitrotoluene
Concen: 23.40 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF080329.D
Acq: 3 Jul 2015 7:33

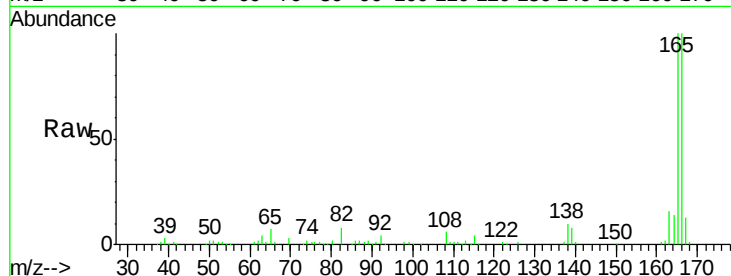
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	45934		
63	66.5	38.7	58.1	#
89	99.3	62.0	93.0	#
182	2.2	1.8	2.8	





#57
Fluorene
 Concen: 22.75 ng
 RT: 10.85 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BF080329.D
 Acq: 3 Jul 2015 7:33

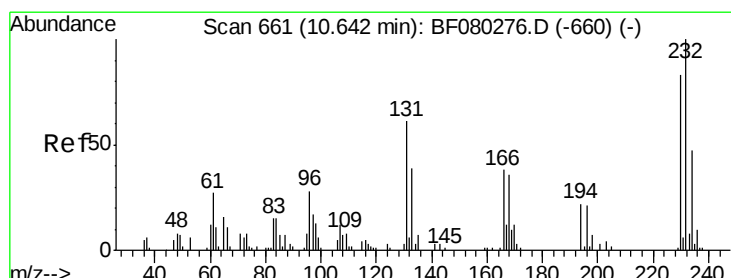
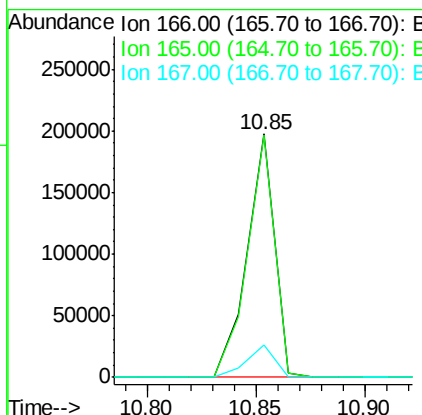
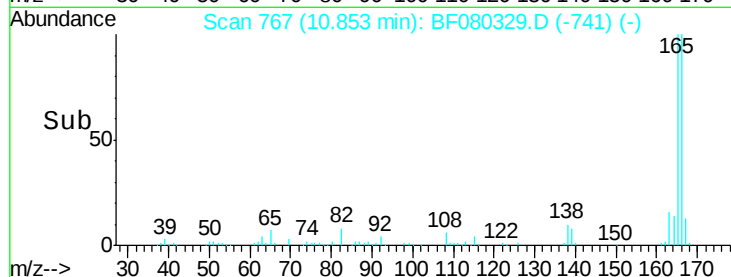
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-01-W-UM



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

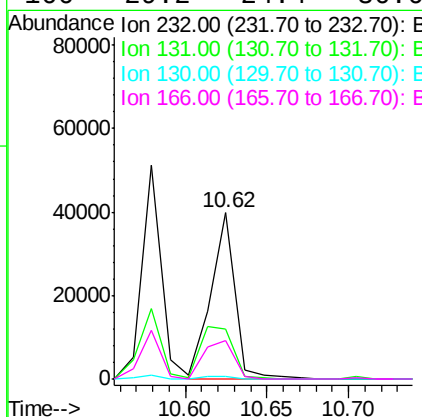
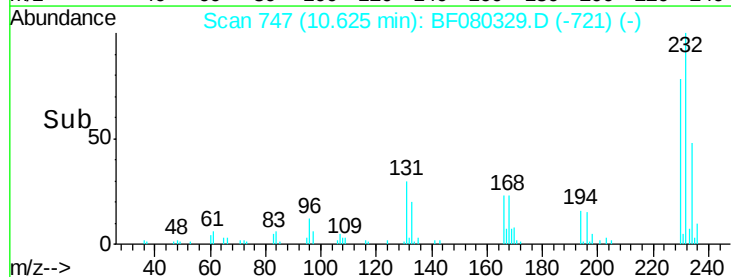
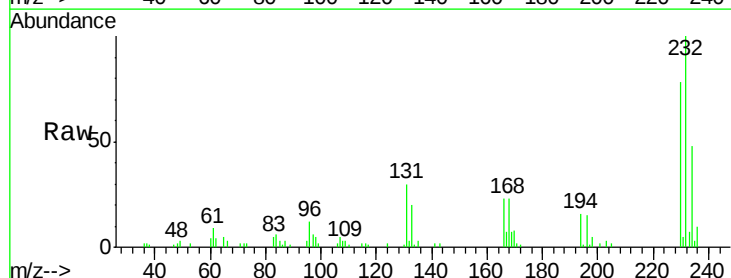
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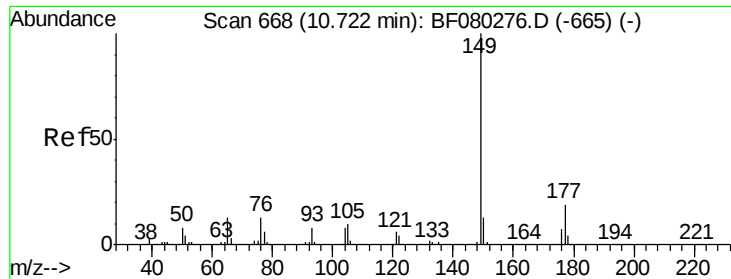
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 23.65 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF080329.D
 Acq: 3 Jul 2015 7:33

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	42.5	37.0	55.6	
130	1.8	1.5	2.3	
166	29.2	24.4	36.6	





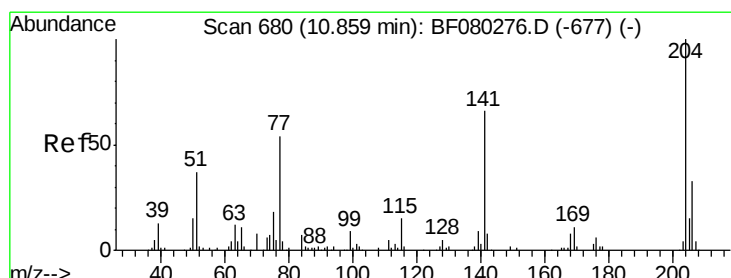
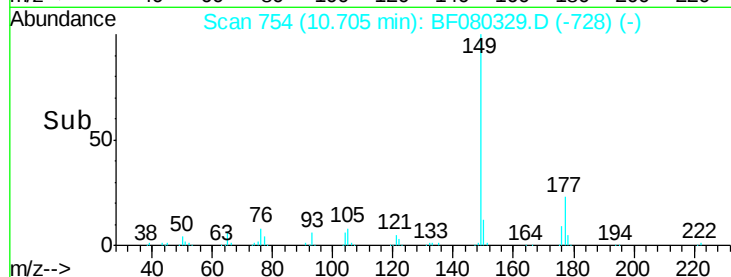
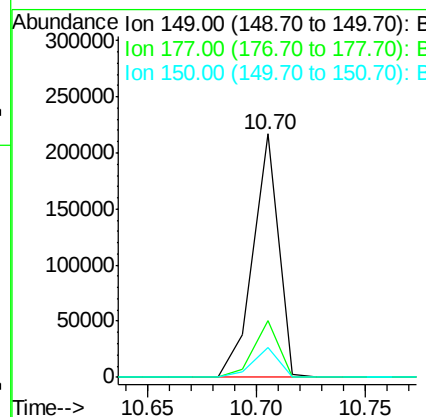
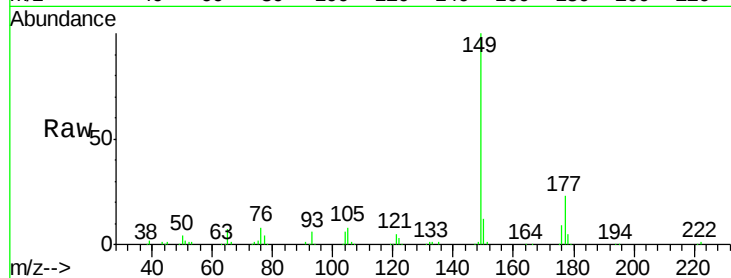
#59
Diethylphthalate
Concen: 24.54 ng
RT: 10.70 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF080329.D
Acq: 3 Jul 2015 7:33

Instrument :
BNA_F
ClientSampleId :
IDOC-01-W-UM

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	23.1	15.4	23.0#
150	12.4	10.5	15.7

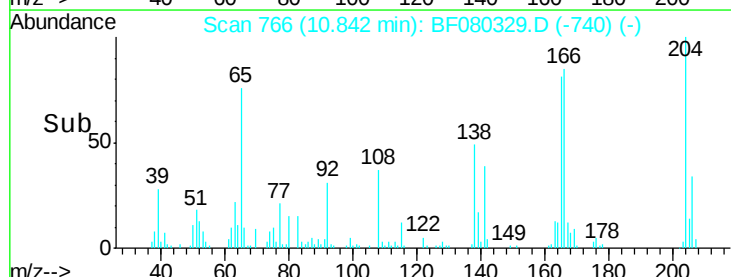
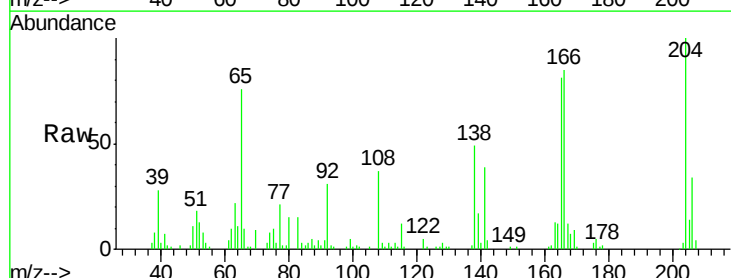
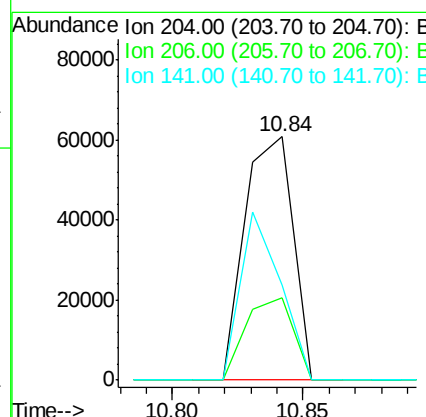
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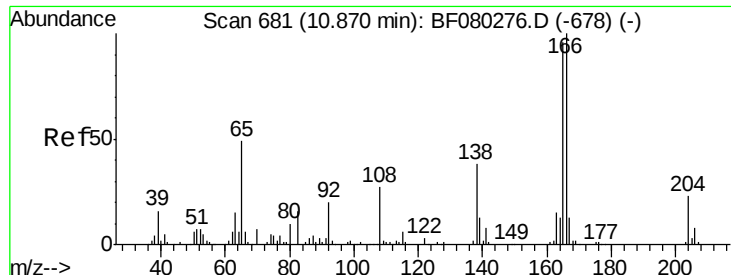
apatel
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#60
4-Chlorophenyl-phenylether
Concen: 23.21 ng
RT: 10.84 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF080329.D
Acq: 3 Jul 2015 7:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	33.7	26.5	39.7
141	38.9	52.5	78.7#





#61

4-Nitroaniline

Concen: 19.64 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF080329.D

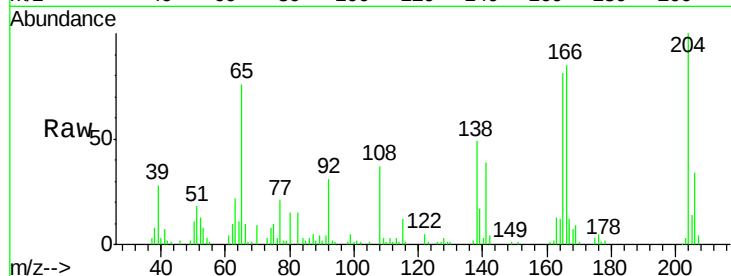
Acq: 3 Jul 2015 7:33

Instrument :

BNA_F

ClientSampleId :

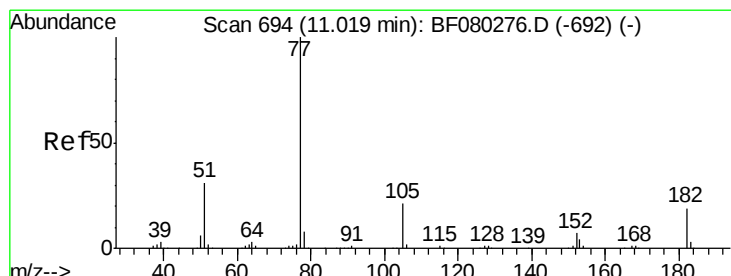
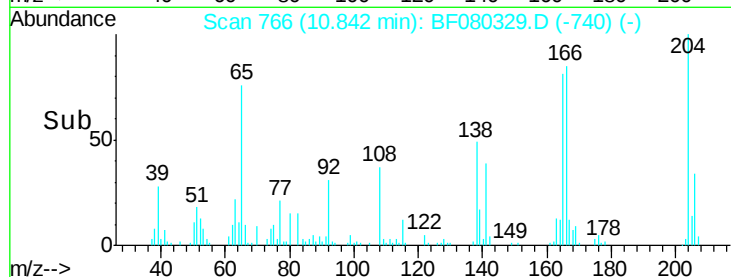
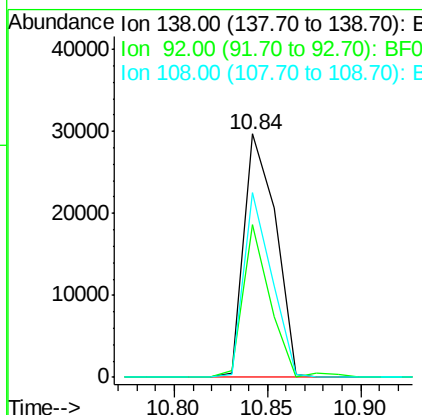
IDOC-01-W-UM



Tgt Ion:	138	Resp:	35296
Ion Ratio	Lower	Upper	
138	100		
92	62.5	32.7	72.7
108	75.8	49.6	89.6

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#62

Azobenzene

Concen: 21.33 ng

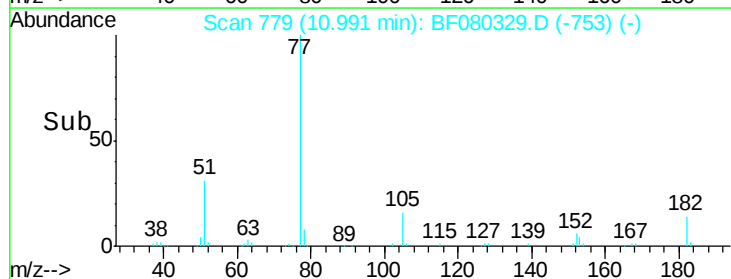
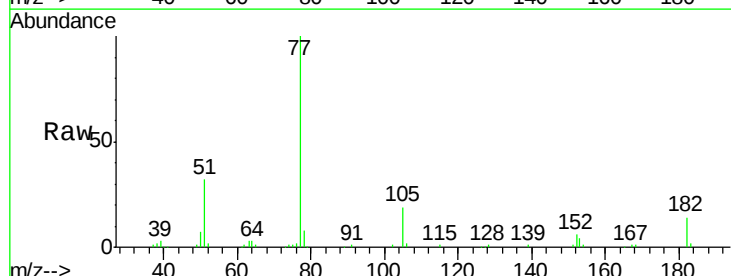
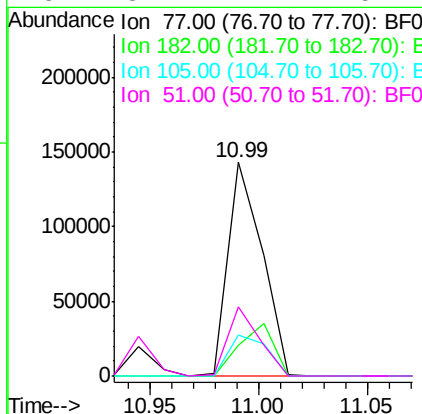
RT: 10.99 min Scan# 779

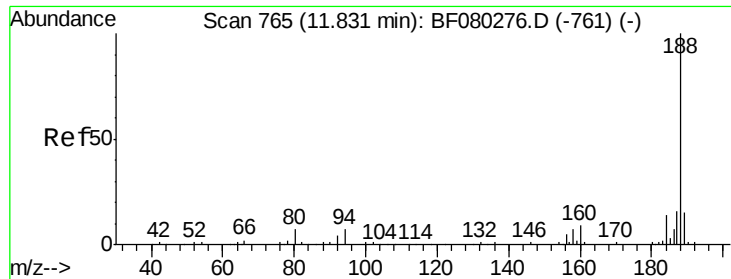
Delta R.T. 0.00 min

Lab File: BF080329.D

Acq: 3 Jul 2015 7:33

Tgt Ion:	77	Resp:	154978
Ion Ratio	Lower	Upper	
77	100		
182	14.1	0.0	38.9
105	19.1	1.3	41.3
51	32.2	11.1	51.1





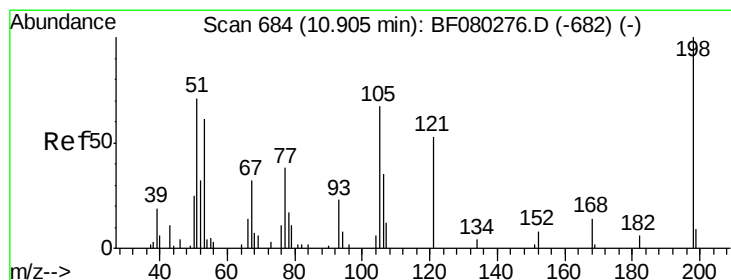
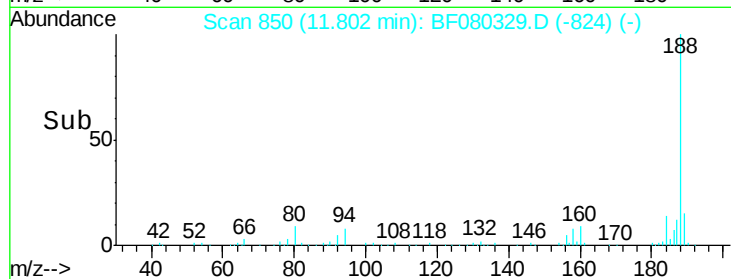
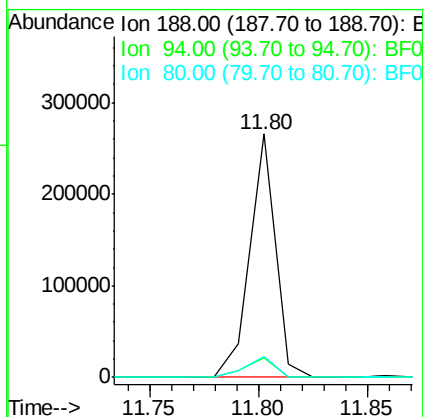
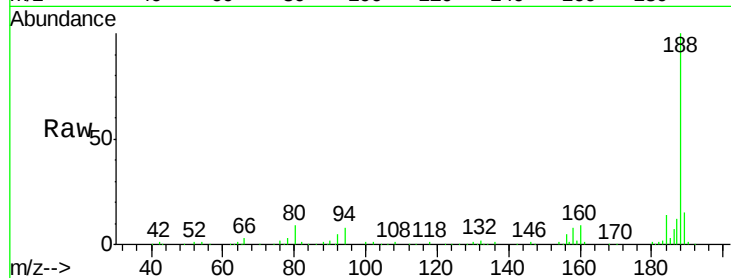
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.80 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BF080329.D
 Acq: 3 Jul 2015 7:33

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-01-W-UM

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.2	5.4	8.0#
80	8.7	5.8	8.6#

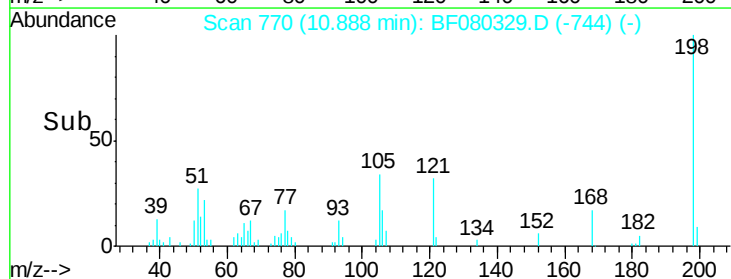
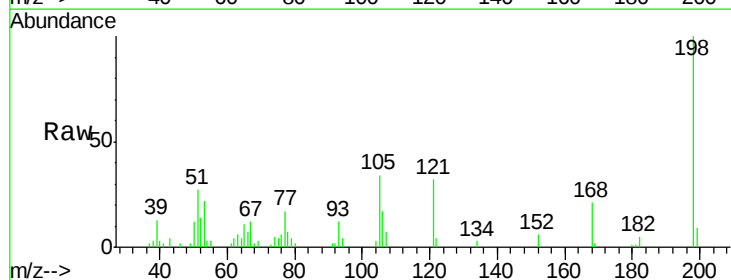
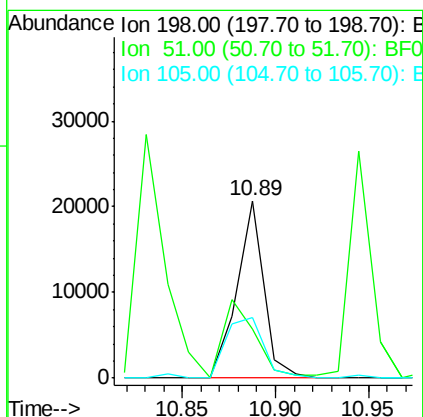
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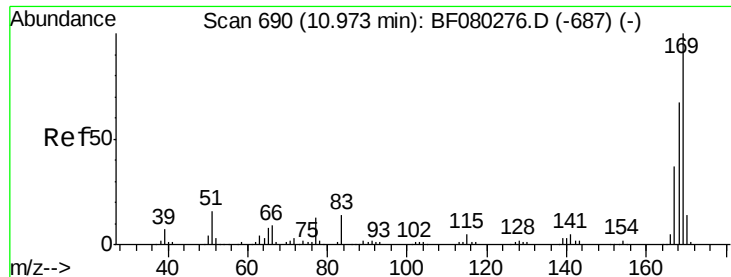
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 28.31 ng
 RT: 10.89 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF080329.D
 Acq: 3 Jul 2015 7:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	27.4	63.7	103.7#
105	34.4	46.9	86.9#





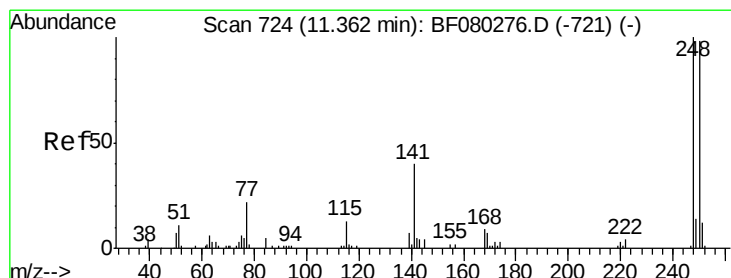
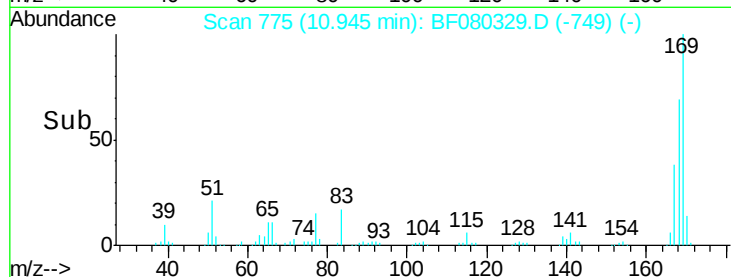
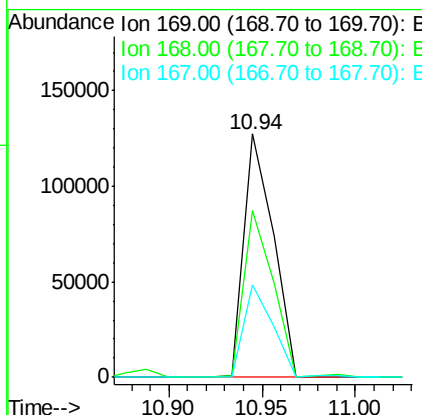
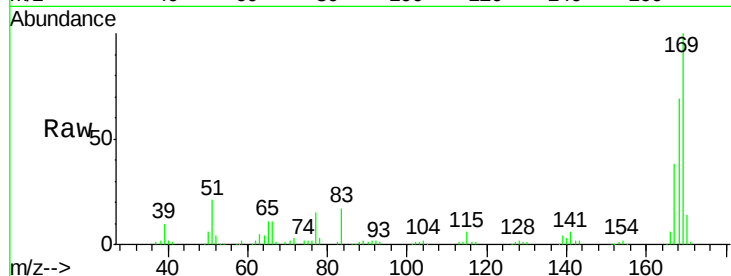
#65
 n-Nitrosodiphenylamine
 Concen: 19.62 ng
 RT: 10.94 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF080329.D
 Acq: 3 Jul 2015 7:33

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-01-W-UM

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	138878		
168	68.7	53.6	80.4	
167	38.3	29.9	44.9	

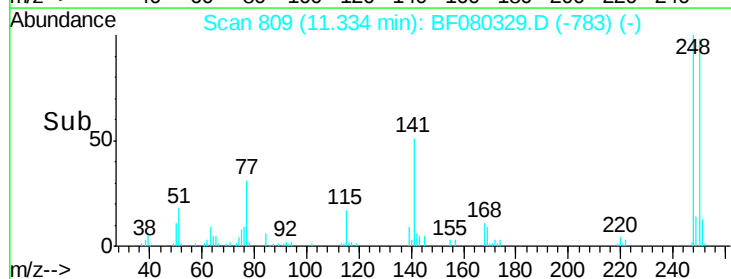
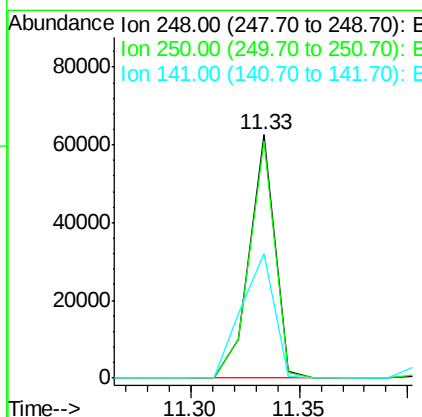
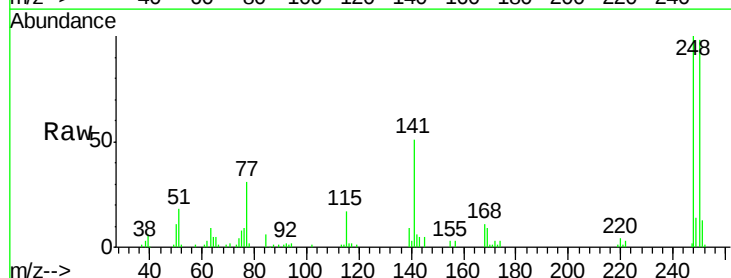
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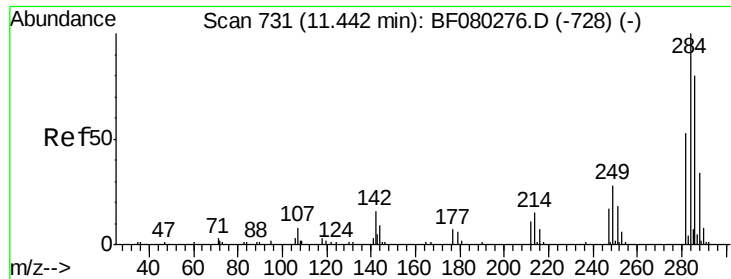
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#66
 4-Bromophenyl-phenylether
 Concen: 21.64 ng
 RT: 11.33 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF080329.D
 Acq: 3 Jul 2015 7:33

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	50942		
250	97.5	78.2	117.4	
141	51.3	31.9	47.9	





#67

Hexachlorobenzene

Concen: 21.21 ng

RT: 11.41 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF080329.D

Acq: 3 Jul 2015 7:33

Instrument :

BNA_F

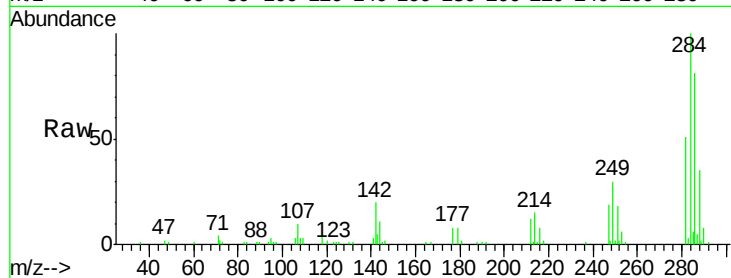
ClientSampleId :

IDOC-01-W-UM

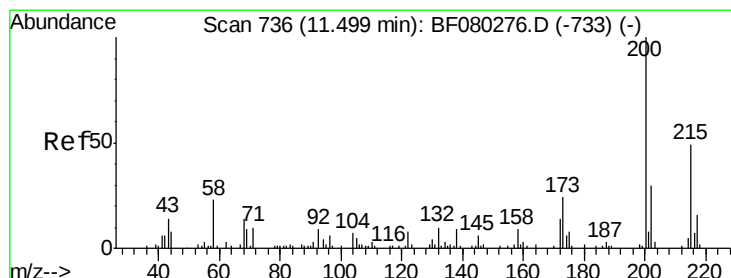
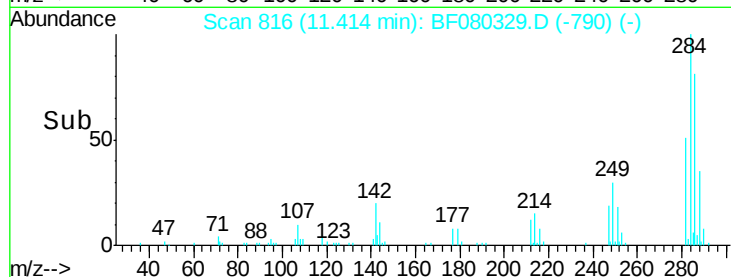
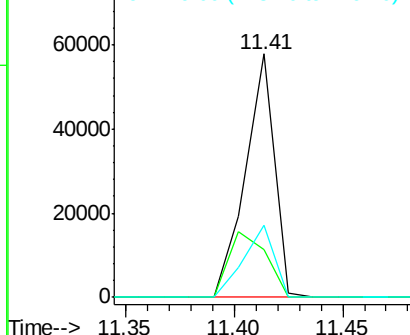
Tgt Ion:	284	Resp:	53646
Ion Ratio	Lower	Upper	
284	100		
142	19.7	12.5	18.7#
249	29.7	22.4	33.6

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: 22.72 ng

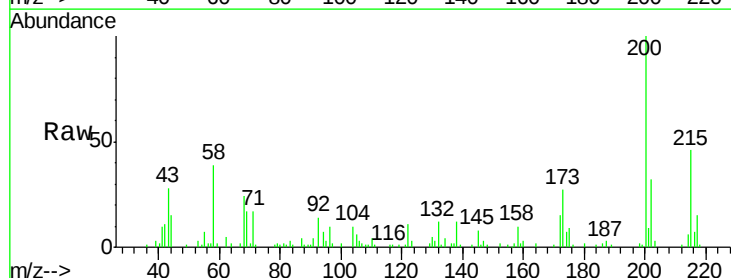
RT: 11.47 min Scan# 821

Delta R.T. 0.00 min

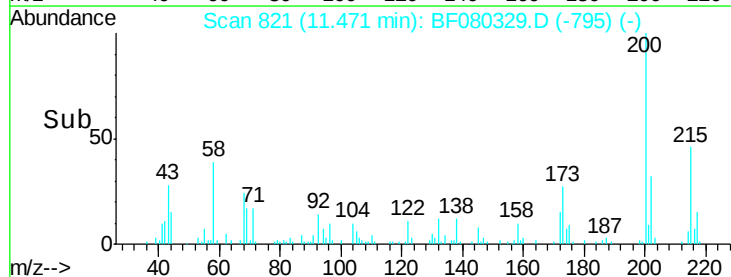
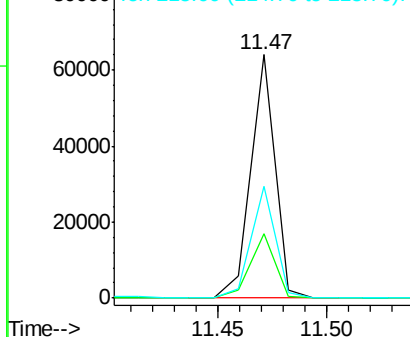
Lab File: BF080329.D

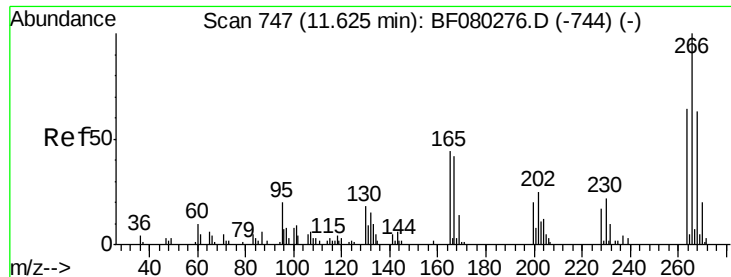
Acq: 3 Jul 2015 7:33

Tgt Ion:	200	Resp:	49375
Ion Ratio	Lower	Upper	
200	100		
173	26.6	3.5	43.5
215	45.8	28.6	68.6



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





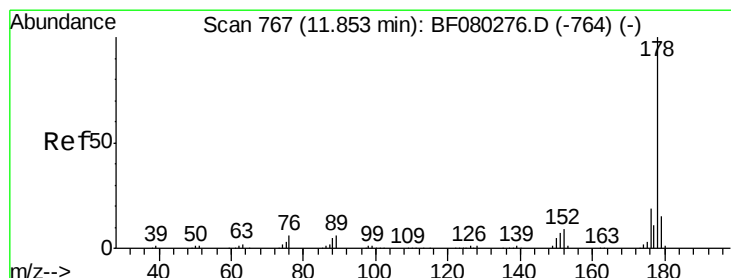
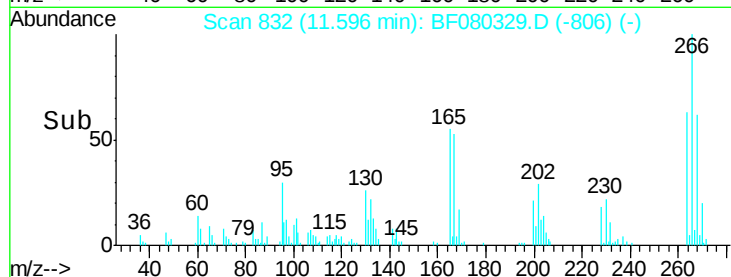
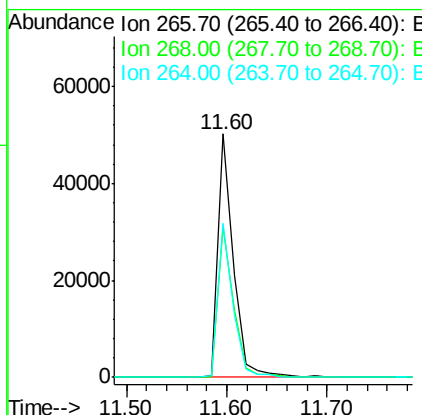
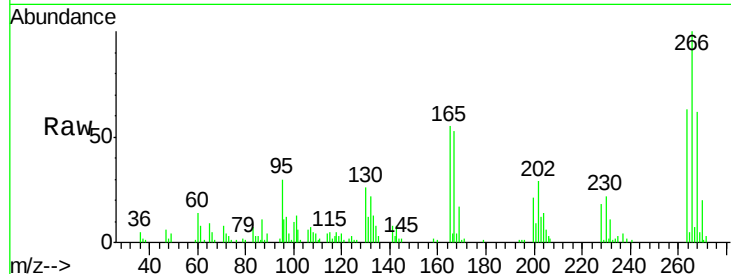
#69
 Pentachlorophenol
 Concen: 41.97 ng
 RT: 11.60 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF080329.D
 Acq: 3 Jul 2015 7:33

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-01-W-UM

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	53273		
268	61.6	50.7	76.1	
264	63.0	51.3	76.9	

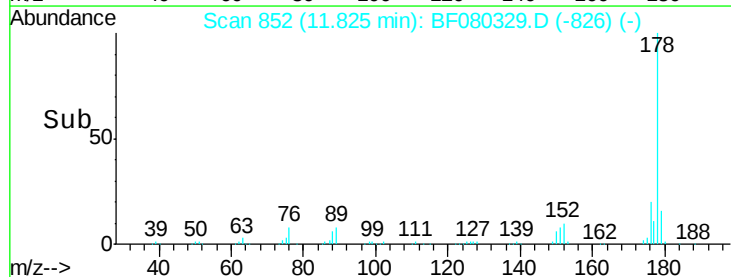
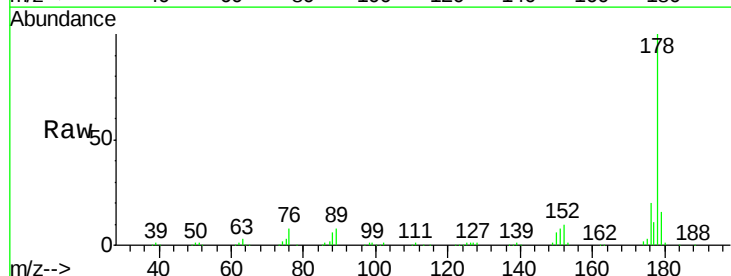
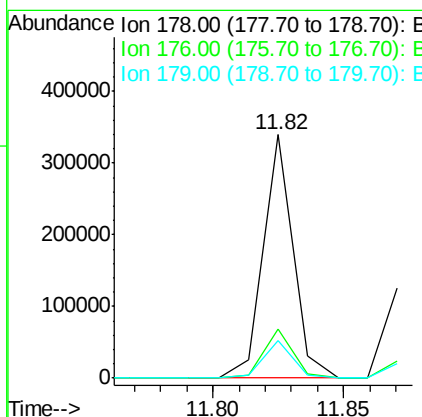
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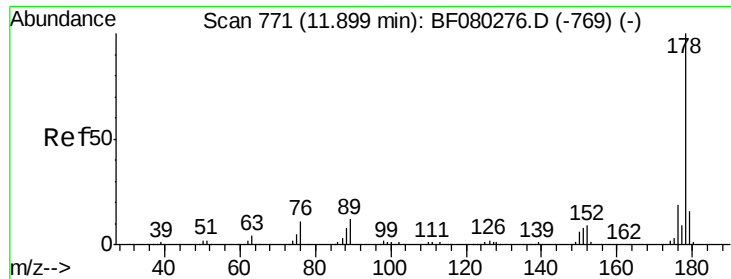
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#70
 Phenanthrene
 Concen: 20.82 ng
 RT: 11.82 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BF080329.D
 Acq: 3 Jul 2015 7:33

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	272522		
176	20.2	15.6	23.4	
179	15.7	12.2	18.2	





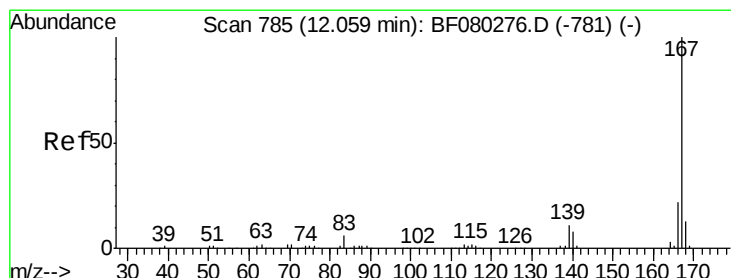
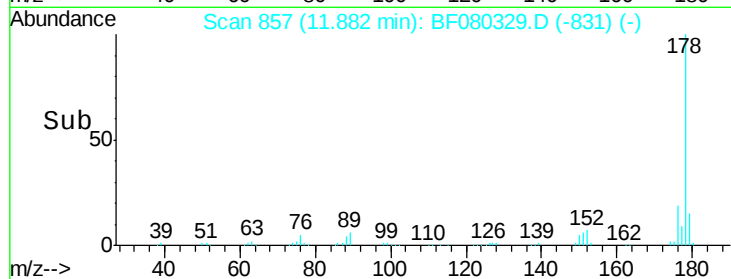
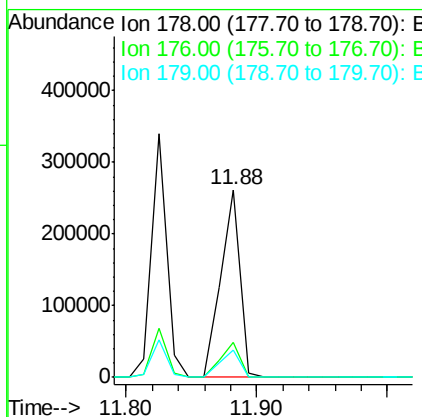
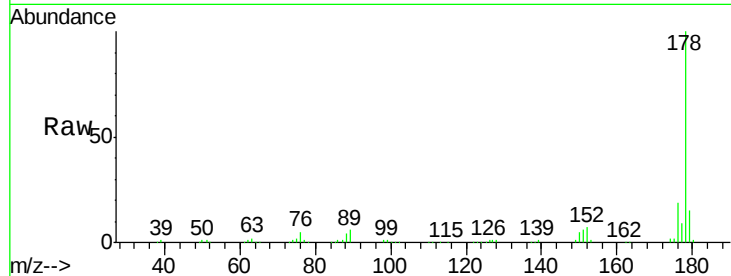
#71
 Anthracene
 Concen: 21.79 ng
 RT: 11.88 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF080329.D
 Acq: 3 Jul 2015 7:33

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-01-W-UM

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	273043		
176	18.7	15.2	22.8	
179	14.8	12.6	18.8	

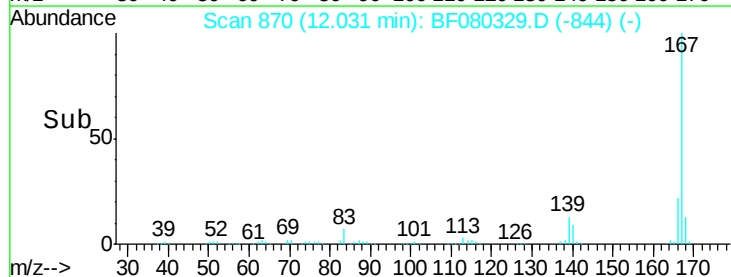
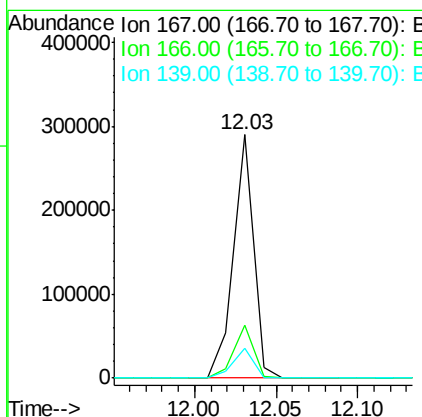
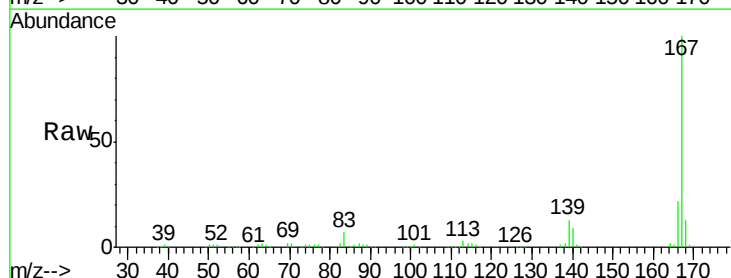
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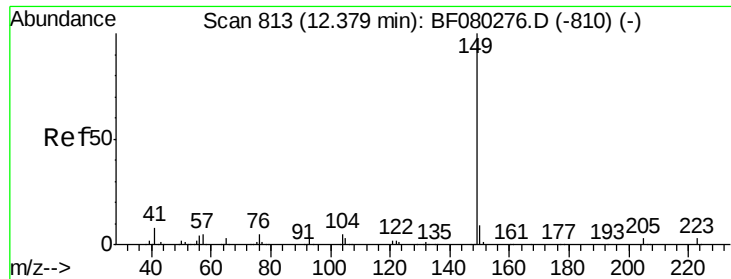
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#72
 Carbazole
 Concen: 20.72 ng
 RT: 12.03 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: BF080329.D
 Acq: 3 Jul 2015 7:33

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	245300		
166	21.7	17.3	25.9	
139	12.5	8.6	13.0	





#73

Di-n-butylphthalate

Concen: 22.61 ng

RT: 12.36 min Scan# 899

Delta R.T. 0.01 min

Lab File: BF080329.D

Acq: 3 Jul 2015 7:33

Instrument :

BNA_F

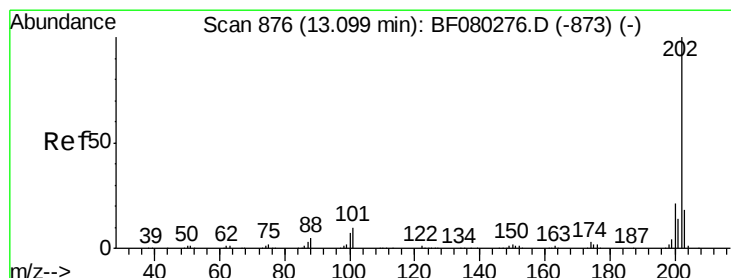
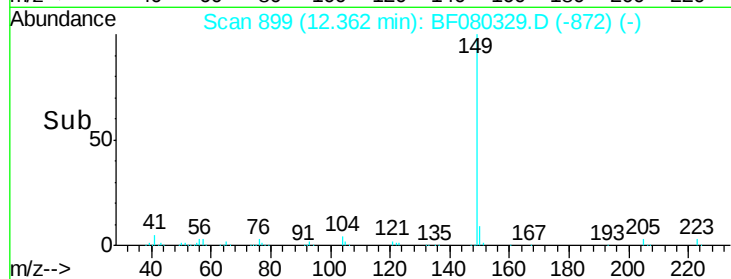
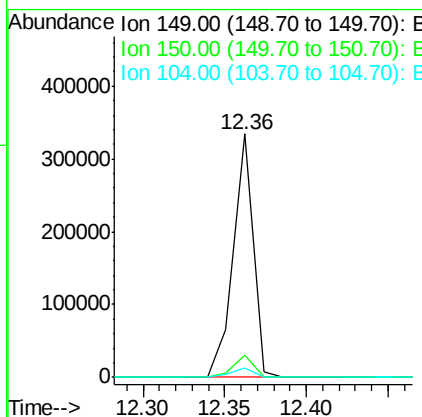
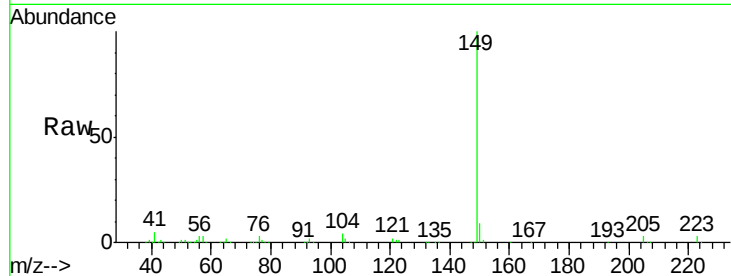
ClientSampleId :

IDOC-01-W-UM

Tgt Ion:	149	Resp:	279335
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.4	11.0
104	4.0	3.7	5.5

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#74

Fluoranthene

Concen: 21.30 ng

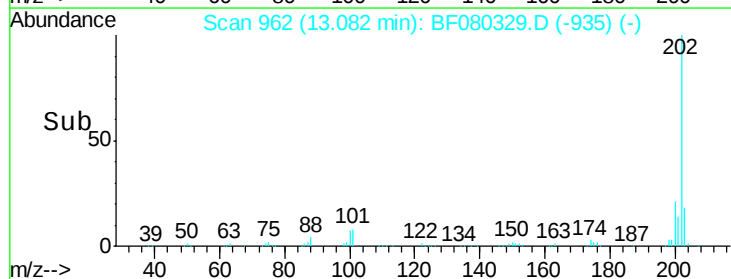
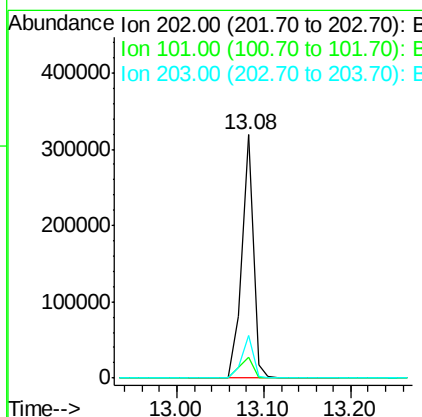
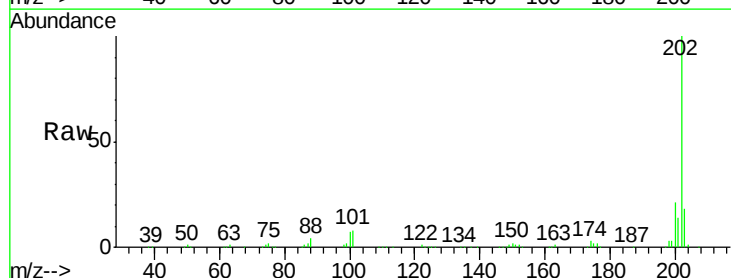
RT: 13.08 min Scan# 962

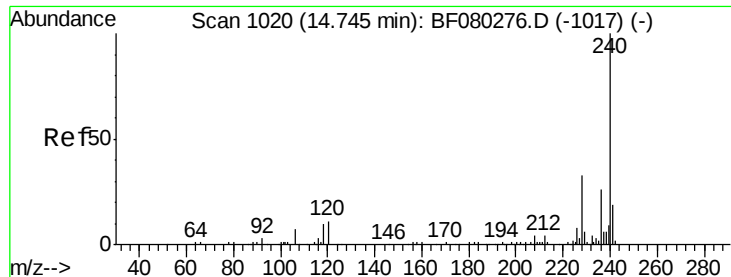
Delta R.T. 0.01 min

Lab File: BF080329.D

Acq: 3 Jul 2015 7:33

Tgt Ion:	202	Resp:	289772
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: BF080329.D

Acq: 3 Jul 2015 7:33

Instrument :

BNA_F

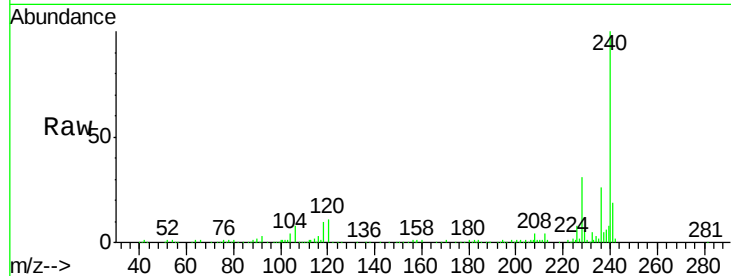
ClientSampleId :

IDOC-01-W-UM

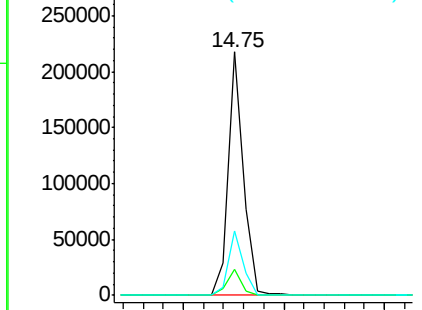
Tgt Ion:	240	Resp:	227395
Ion Ratio	Lower	Upper	
240	100		
120	10.9	8.7	13.1
236	26.3	20.9	31.3

Manual Integrations
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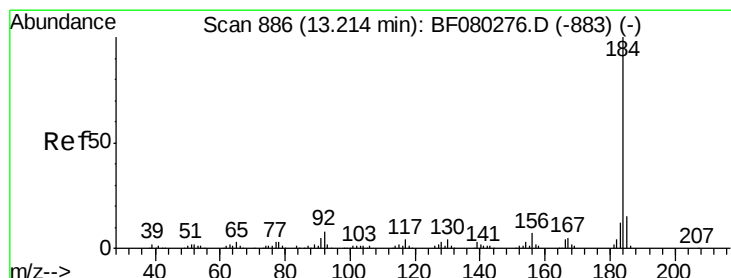
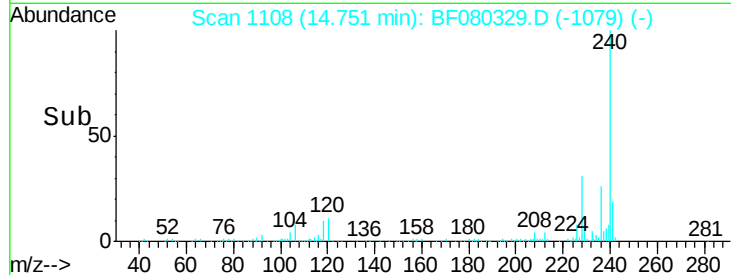
apatel
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 16.82 ng

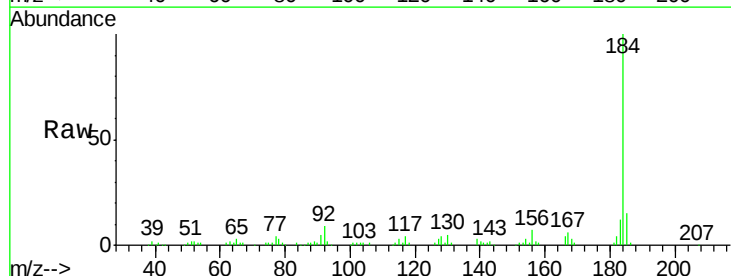
RT: 13.20 min Scan# 972

Delta R.T. 0.01 min

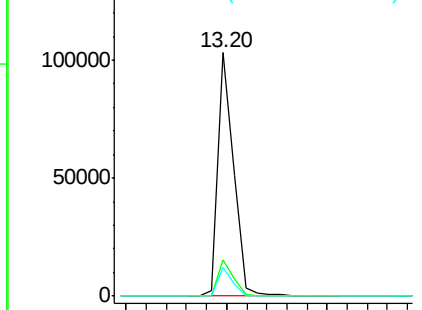
Lab File: BF080329.D

Acq: 3 Jul 2015 7:33

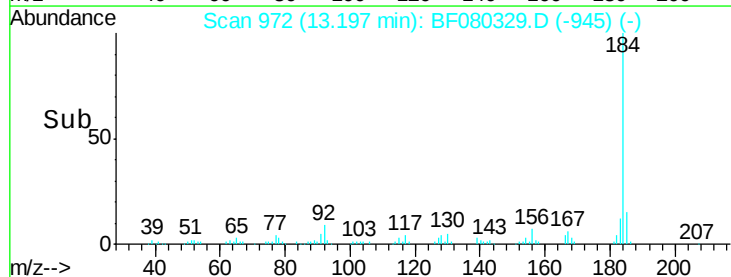
Tgt Ion:	184	Resp:	112334
Ion Ratio	Lower	Upper	
184	100		
185	14.7	11.8	17.6
183	11.6	9.4	14.0

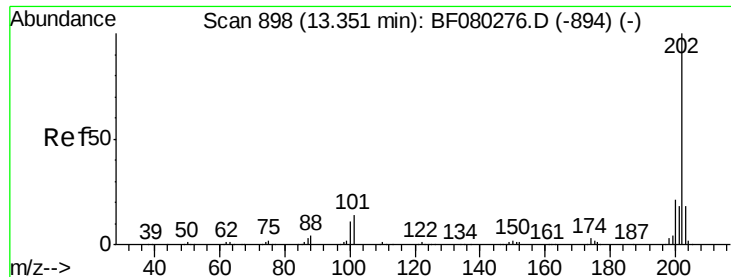


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



Time-->





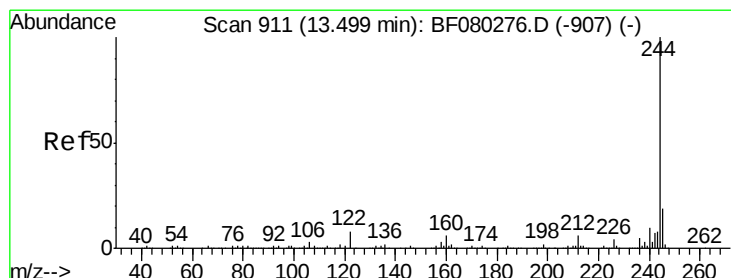
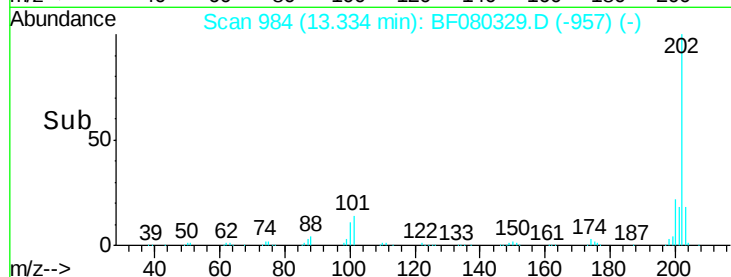
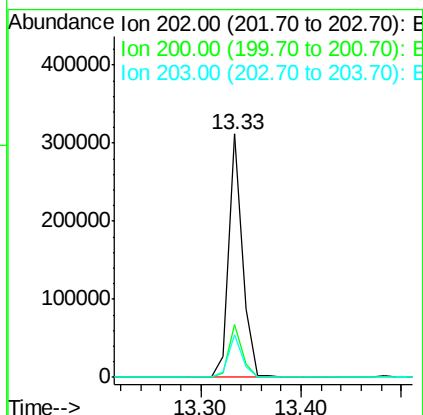
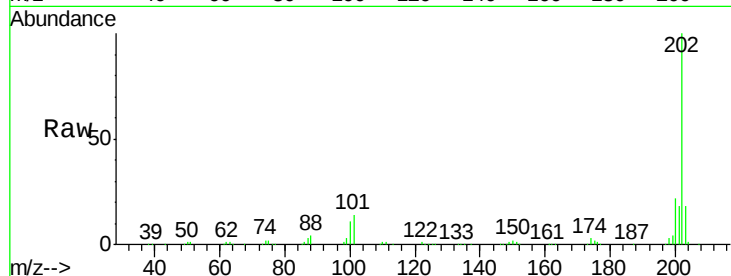
#77
 Pyrene
 Concen: 20.61 ng
 RT: 13.33 min Scan# 984
 Delta R.T. 0.01 min
 Lab File: BF080329.D
 Acq: 3 Jul 2015 7:33

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-01-W-UM

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.9	17.0	25.6
203	17.6	14.0	21.0

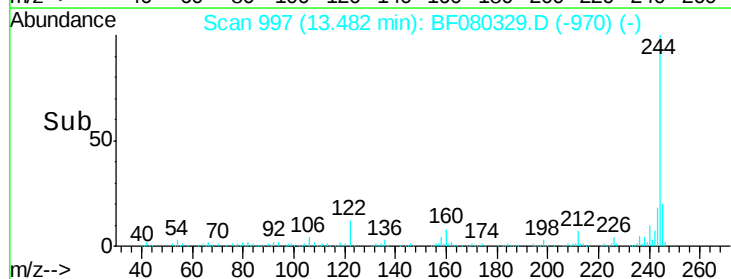
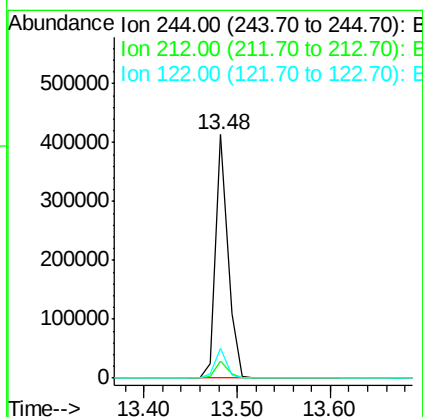
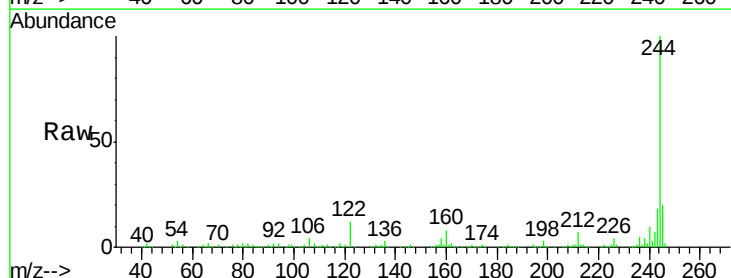
Manual Integrations
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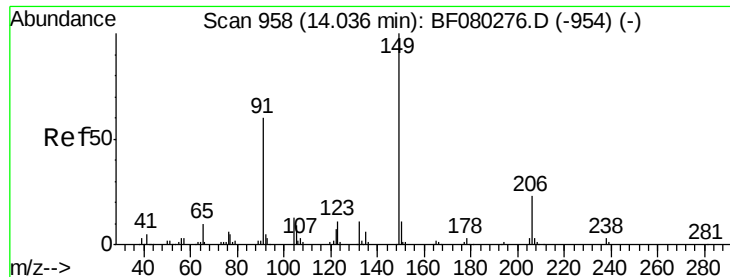
apatel
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#78
 Terphenyl-d14
 Concen: 39.38 ng
 RT: 13.48 min Scan# 997
 Delta R.T. 0.01 min
 Lab File: BF080329.D
 Acq: 3 Jul 2015 7:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.2	5.0	7.6
122	12.5	6.6	9.8





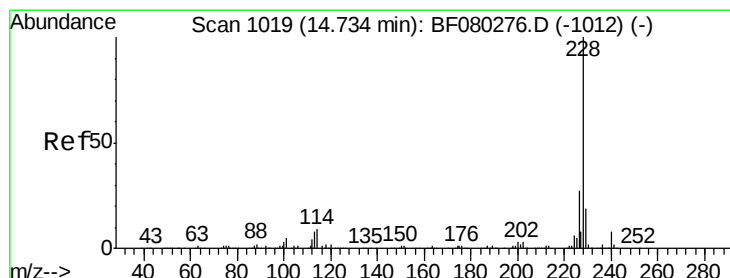
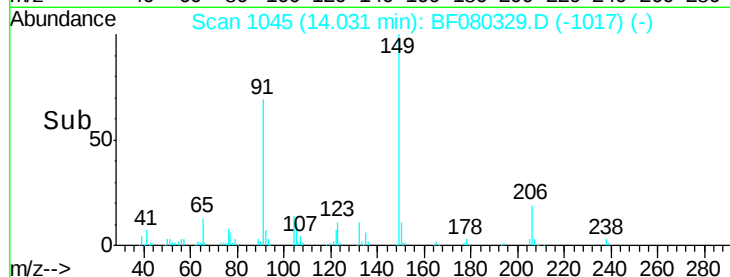
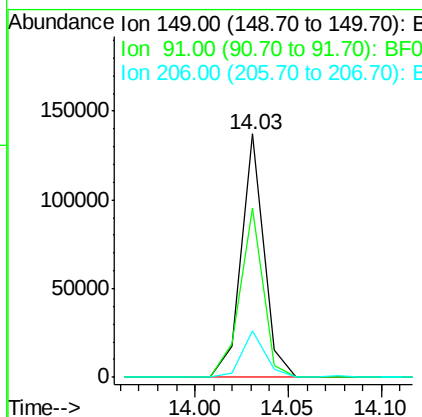
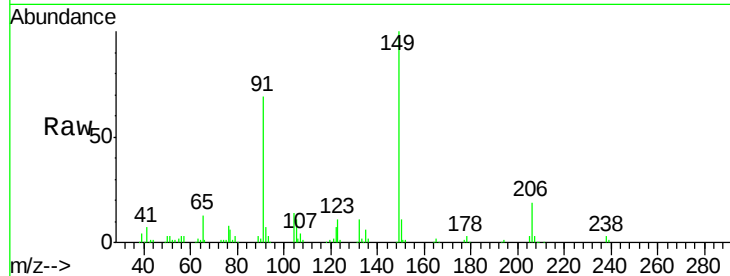
#79
Butylbenzylphthalate
Concen: 21.26 ng
RT: 14.03 min Scan# 1045
Delta R.T. 0.02 min
Lab File: BF080329.D
Acq: 3 Jul 2015 7:33

Instrument :
BNA_F
ClientSampleId :
IDOC-01-W-UM

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	116741		
91	69.4	48.1	72.1	
206	19.1	18.1	27.1	

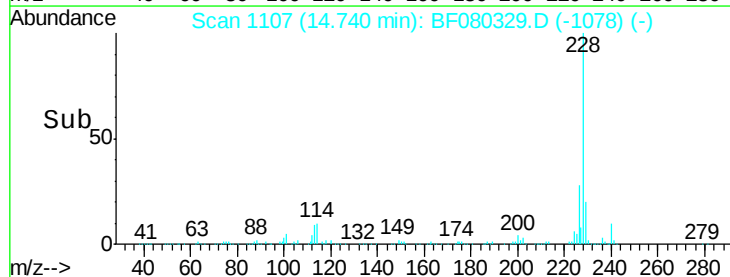
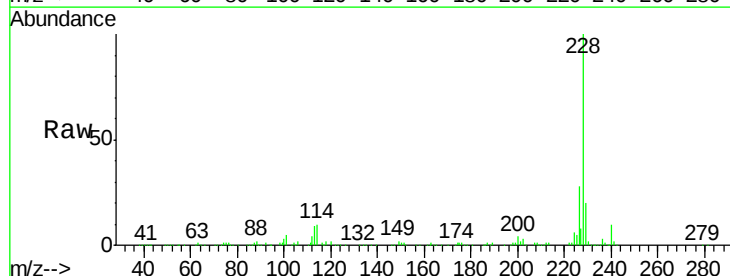
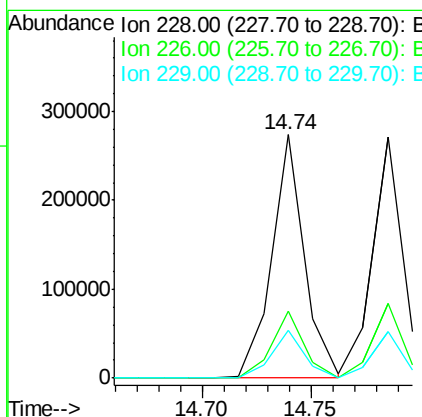
Manual Integrations
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#80
Benzo(a)anthracene
Concen: 21.00 ng
RT: 14.74 min Scan# 1107
Delta R.T. 0.03 min
Lab File: BF080329.D
Acq: 3 Jul 2015 7:33

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	288423		
226	27.6	21.7	32.5	
229	19.7	15.5	23.3	





#81

3,3'-Dichlorobenzidine

Concen: 13.39 ng

RT: 14.68 min Scan# 1102

Delta R.T. 0.02 min

Lab File: BF080329.D

Acq: 3 Jul 2015 7:33

Instrument :

BNA_F

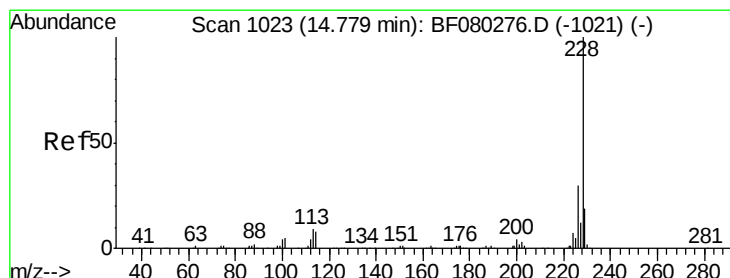
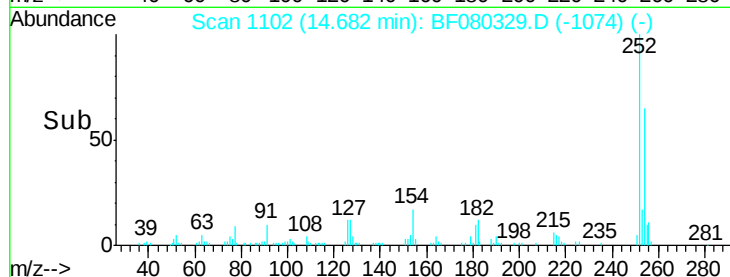
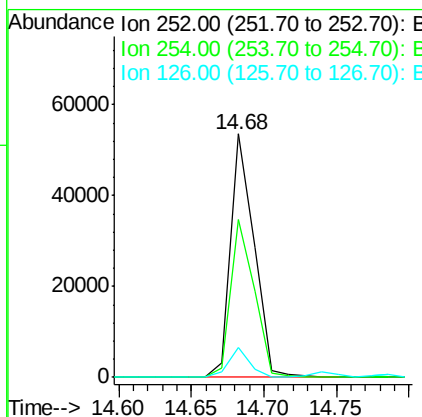
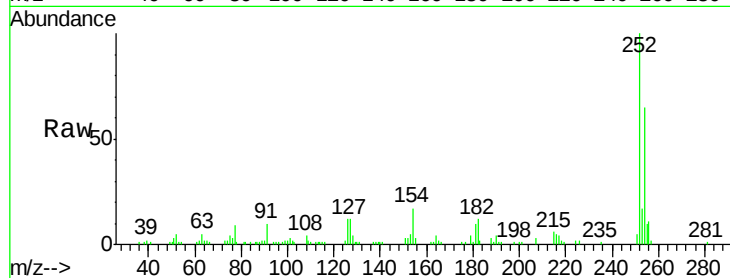
ClientSampleId :

IDOC-01-W-UM

Tgt Ion:	252	Resp:	60082
Ion Ratio	Lower	Upper	
252	100		
254	64.9	50.8	76.2
126	12.4	9.0	13.6

Manual Integrations
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#82

Chrysene

Concen: 21.32 ng

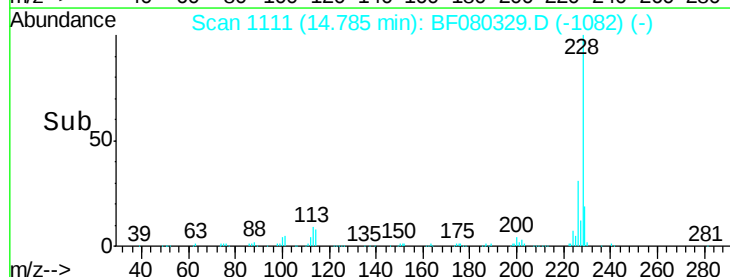
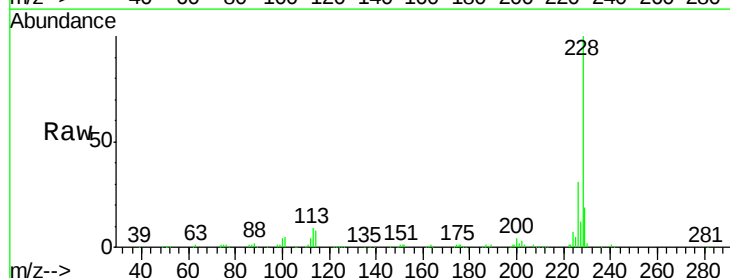
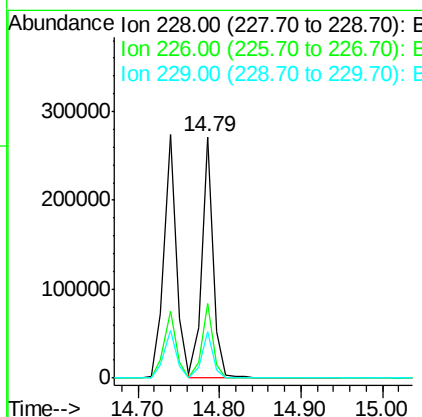
RT: 14.79 min Scan# 1111

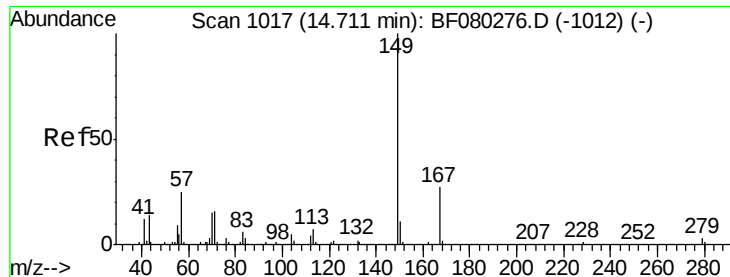
Delta R.T. 0.03 min

Lab File: BF080329.D

Acq: 3 Jul 2015 7:33

Tgt Ion:	228	Resp:	269572
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.0	36.0
229	19.5	15.4	23.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 22.00 ng

RT: 14.72 min Scan# 1105

Delta R.T. 0.02 min

Lab File: BF080329.D

Acq: 3 Jul 2015 7:33

Instrument :

BNA_F

ClientSampleId :

IDOC-01-W-UM

Tgt Ion:149 Resp: 169019

Ion Ratio Lower Upper

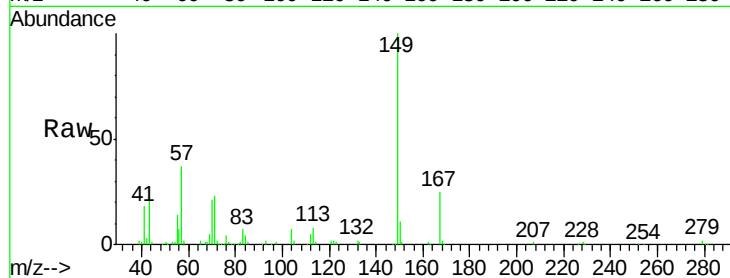
149 100

167 24.8 21.7 32.5

279 1.9 2.7 4.1#

Manual Integrations
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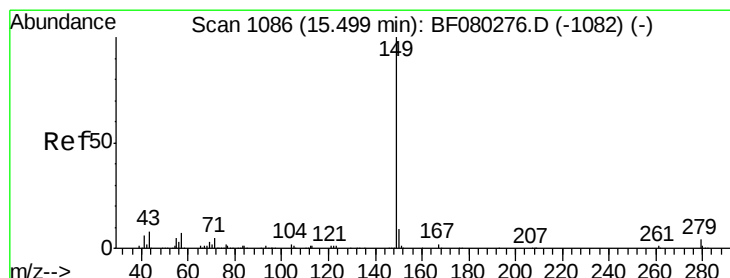
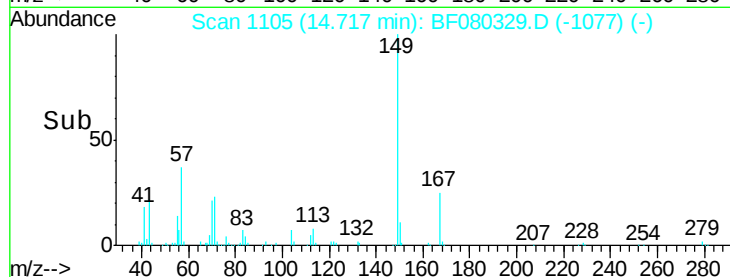
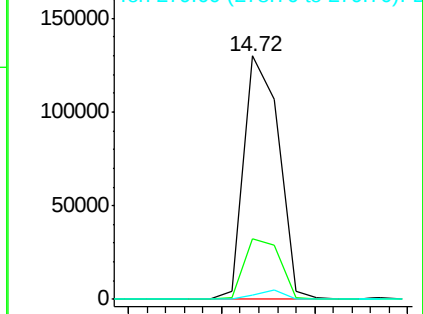
apatel
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 21.51 ng

RT: 15.53 min Scan# 1176

Delta R.T. 0.05 min

Lab File: BF080329.D

Acq: 3 Jul 2015 7:33

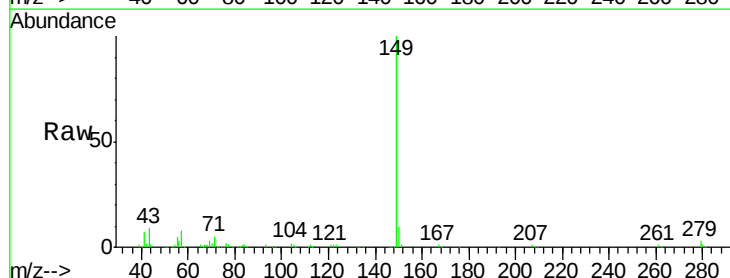
Tgt Ion:149 Resp: 278250

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

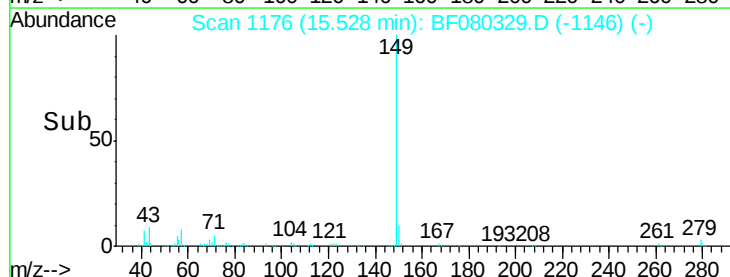
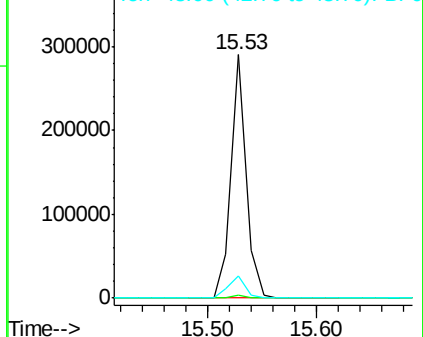
43 10.8 8.3 12.5

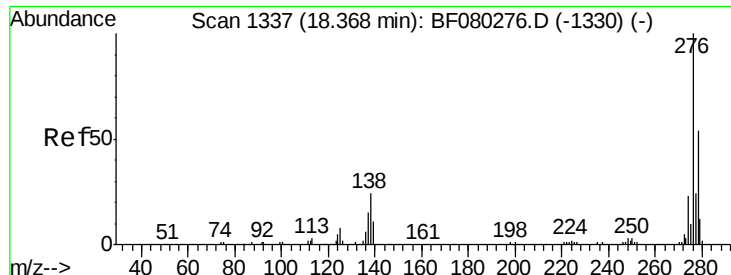


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





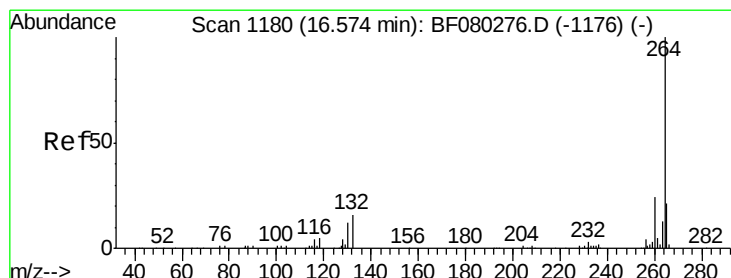
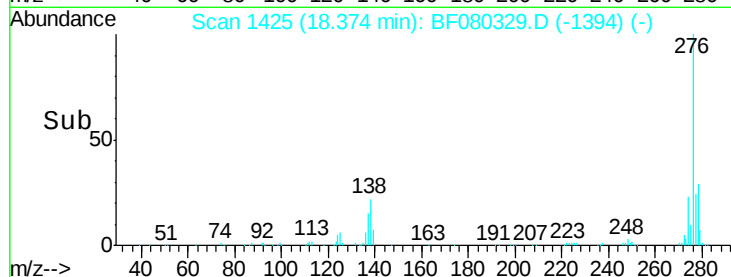
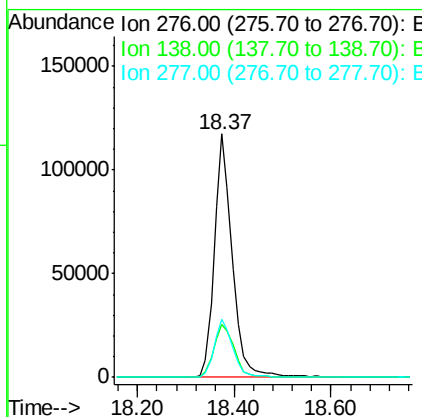
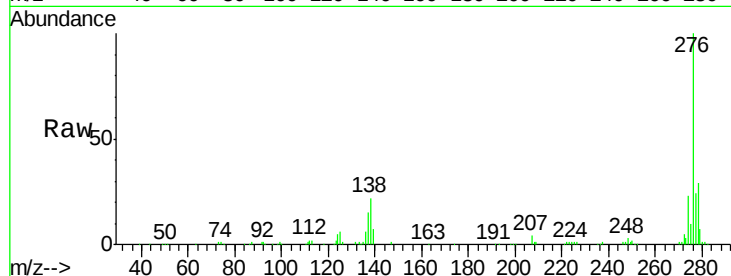
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 20.97 ng
 RT: 18.37 min Scan# 1425
 Delta R.T. 0.06 min
 Lab File: BF080329.D
 Acq: 3 Jul 2015 7:33

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-01-W-UM

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	306270		
138	24.2	21.0	31.6	
277	24.5	19.4	29.0	

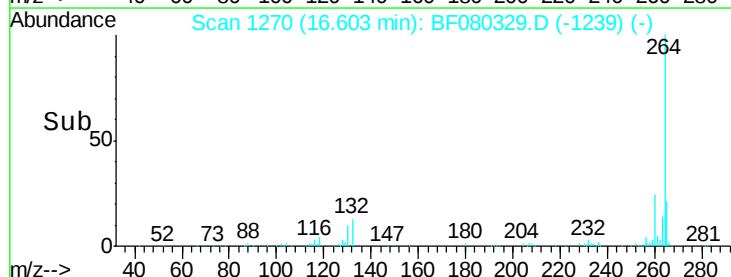
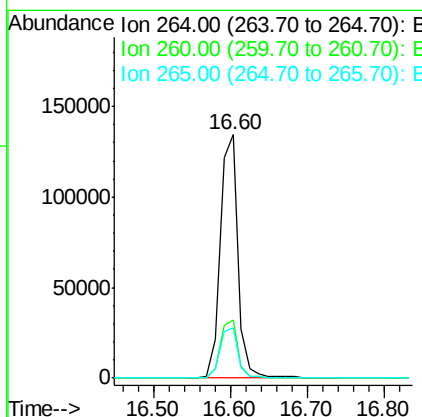
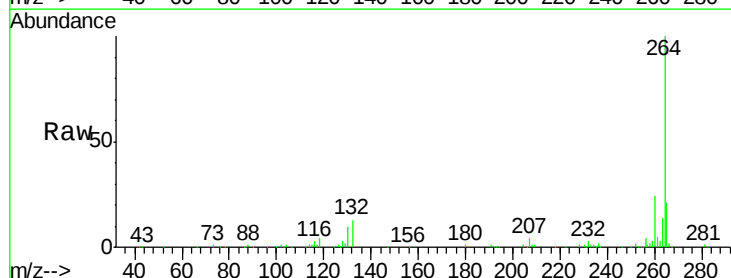
Manual Integrations
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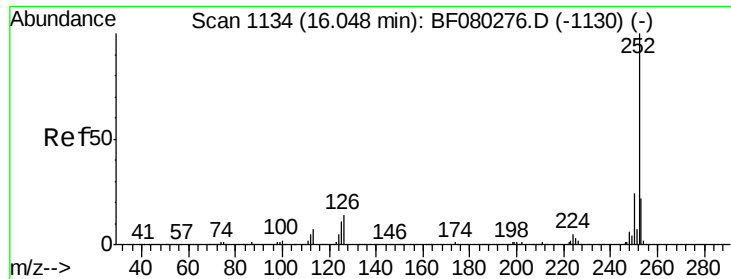
apatel
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.60 min Scan# 1270
 Delta R.T. 0.06 min
 Lab File: BF080329.D
 Acq: 3 Jul 2015 7:33

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	218196		
260	23.8	19.2	28.8	
265	20.7	16.9	25.3	





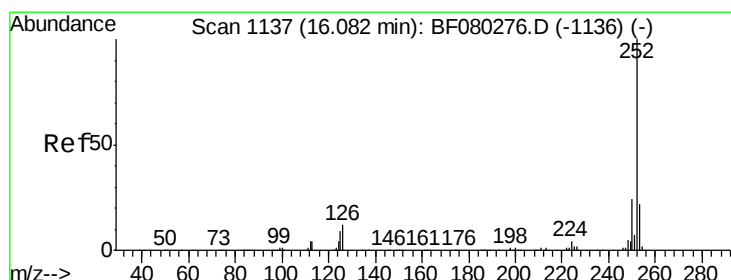
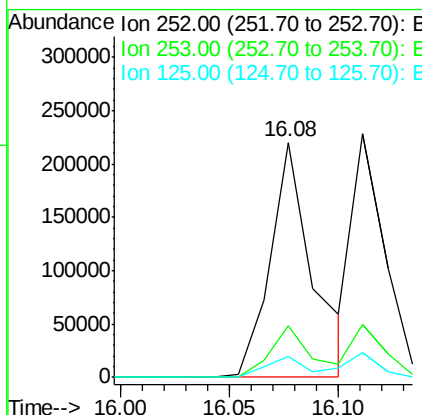
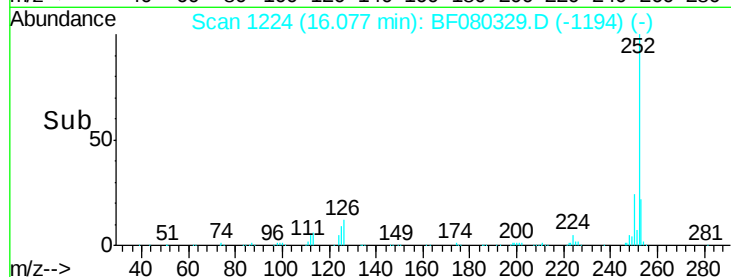
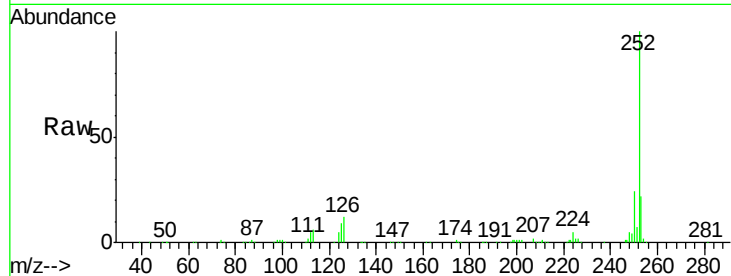
#87
Benzo(b)fluoranthene
Concen: 22.20 ng
RT: 16.08 min Scan# 1224
Delta R.T. 0.05 min
Lab File: BF080329.D
Acq: 3 Jul 2015 7:33

Instrument :
BNA_F
ClientSampleId :
IDOC-01-W-UM

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	300331		
253	22.1		17.6	26.4
125	9.0		8.6	12.8

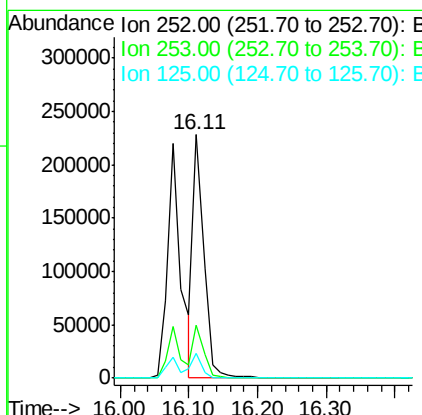
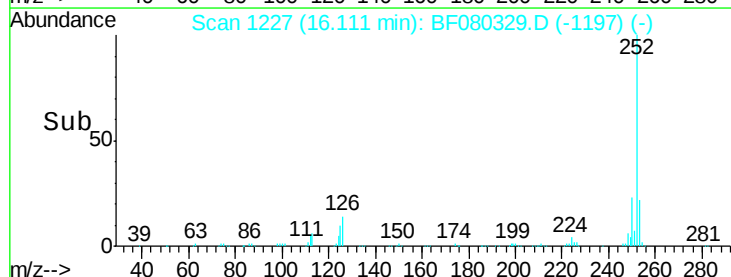
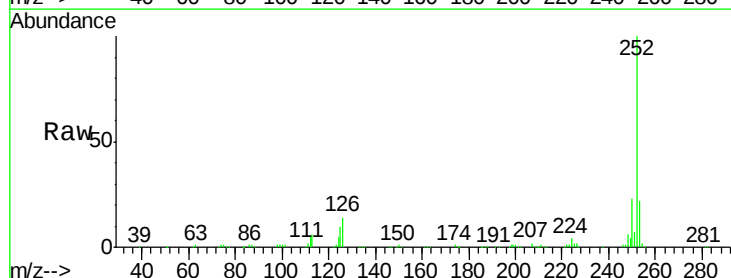
Manual Integrations
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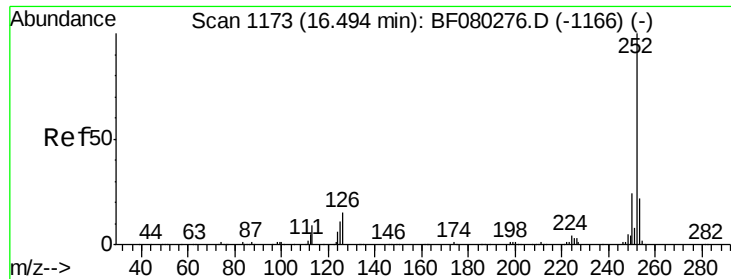
apatel
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#88
Benzo(k)fluoranthene
Concen: 18.74 ng
RT: 16.11 min Scan# 1227
Delta R.T. 0.05 min
Lab File: BF080329.D
Acq: 3 Jul 2015 7:33

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	247977		
253	21.6		17.4	26.2
125	10.1		8.4	12.6





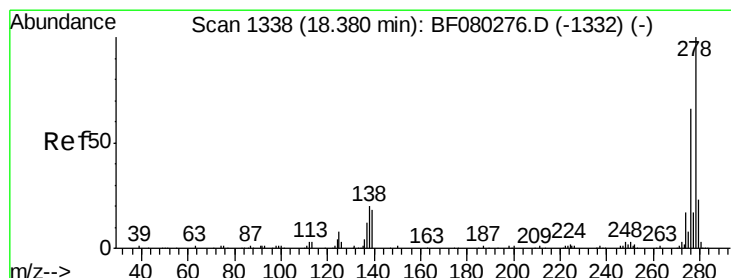
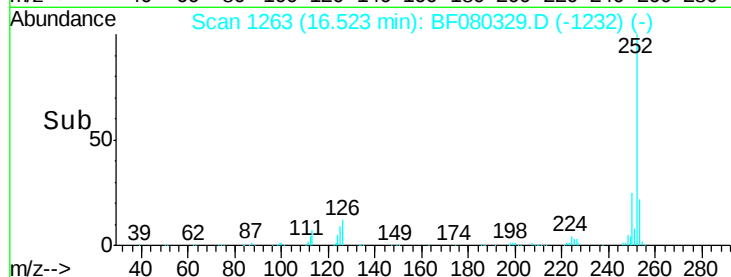
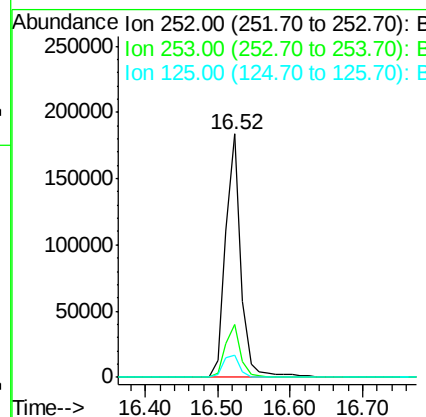
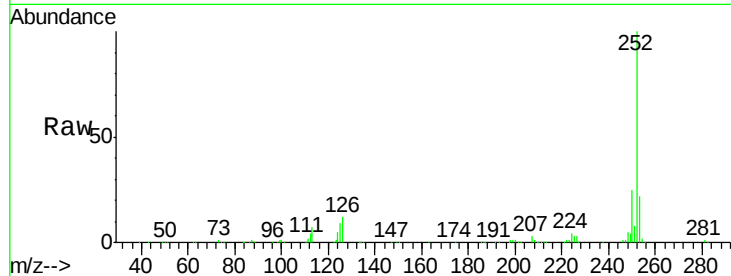
#89
Benzo(a)pyrene
Concen: 21.44 ng
RT: 16.52 min Scan# 1263
Delta R.T. 0.06 min
Lab File: BF080329.D
Acq: 3 Jul 2015 7:33

Instrument :
BNA_F
ClientSampleId :
IDOC-01-W-UM

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.6	17.4	26.2
125	9.0	9.0	13.4

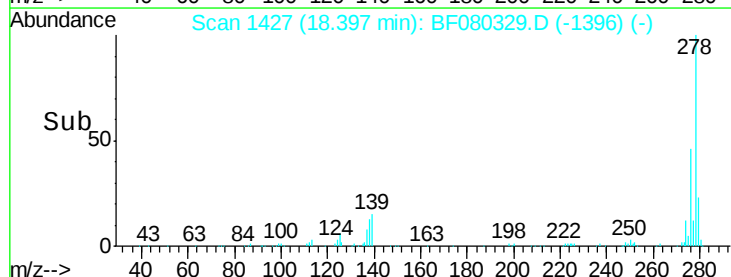
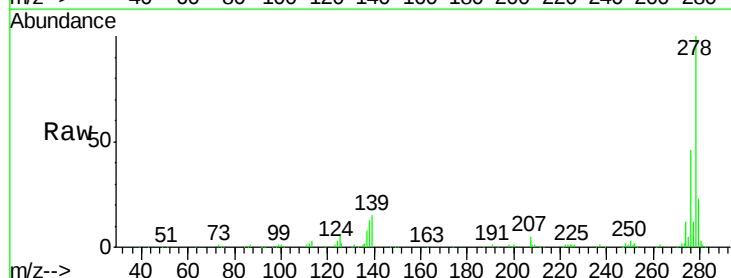
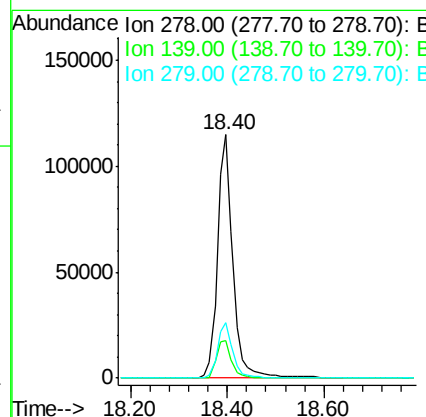
Manual Integrations
APPROVED

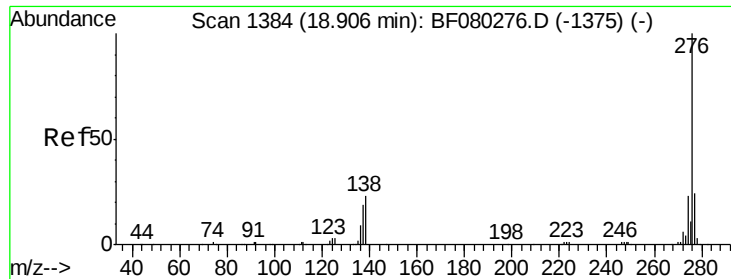
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#90
Dibenzo(a,h)anthracene
Concen: 21.58 ng
RT: 18.40 min Scan# 1427
Delta R.T. 0.06 min
Lab File: BF080329.D
Acq: 3 Jul 2015 7:33

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	15.2	14.6	21.8
279	22.9	18.7	28.1





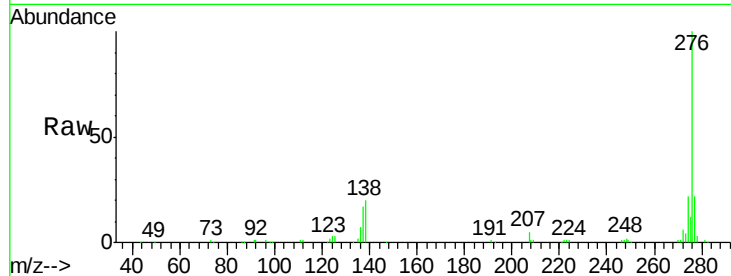
#91
 Benzo(g,h,i)perylene
 Concen: 20.77 ng
 RT: 18.91 min Scan# 1472
 Delta R.T. 0.06 min
 Lab File: BF080329.D
 Acq: 3 Jul 2015 7:33

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-01-W-UM

Tgt Ion:	276	Resp:	258455
Ion Ratio	Lower	Upper	
276	100		
277	22.2	19.0	28.6
138	20.2	18.1	27.1

Manual Integrations
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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

