

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

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

Manual Integrations
 APPROVED

apatel
 7/6/2015 3:41:02 PM

Quant Time: Jul 03 07:29:37 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 03 07:20:41 2015
 Response via : Initial Calibration

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

System Monitoring Compounds

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

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.06	88	27305	111.11	ng	# 100
3) Pyridine	3.90	79	86754	34.23	ng	97
4) n-Nitrosodimethylamine	3.80	42	41493	36.75	ng	95
6) Aniline	6.90	93	96398	26.22	ng	90
8) 2-Chlorophenol	7.02	128	89440	39.76	ng	95
9) Benzaldehyde	6.78	77	43958	29.26	ng	94
10) Phenol	6.86	94	111967	36.83	ng	85
11) bis(2-Chloroethyl)ether	6.96	93	80640	35.06	ng	93
12) 1,3-Dichlorobenzene	7.18	146	104542	38.07	ng	98
13) 1,4-Dichlorobenzene	7.26	146	96601m	35.34	ng	
14) 1,2-Dichlorobenzene	7.41	146	99853	36.76	ng	97
15) Benzyl Alcohol	7.37	79	78972	37.32	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.50	45	129816	36.79	ng	100
17) 2-Methylphenol	7.48	107	67355	34.64	ng	# 93
18) Hexachloroethane	7.77	117	31289	36.66	ng	# 67
19) n-Nitroso-di-n-propylamine	7.63	70	58903	32.23	ng	# 91
20) 3+4-Methylphenols	7.63	107	95698	37.05	ng	89
22) Acetophenone	7.64	105	129920	40.81	ng	# 92
24) Nitrobenzene	7.81	77	92098	35.89	ng	94
25) Isophorone	8.05	82	175071	36.40	ng	94
26) 2-Nitrophenol	8.14	139	40346	36.01	ng	# 73
27) 2,4-Dimethylphenol	8.17	122	79969	38.88	ng	91
28) bis(2-Chloroethoxy)methane	8.26	93	111541	38.64	ng	98
29) 2,4-Dichlorophenol	8.38	162	71766	37.77	ng	89
30) 1,2,4-Trichlorobenzene	8.48	180	76470	34.50	ng	90
31) Naphthalene	8.56	128	258985	37.31	ng	99
32) Benzoic acid	8.22	122	27684	58.81	ng	93
33) 4-Chloroaniline	8.59	127	69235m	23.51	ng	
34) Hexachlorobutadiene	8.67	225	49151	35.21	ng	98
35) Caprolactam	8.93	113	21227	36.82	ng	# 76
36) 4-Chloro-3-methylphenol	9.06	107	73058	35.52	ng	90
37) 2-Methylnaphthalene	9.24	142	167726	35.29	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.41	216	80057	37.08	ng	# 99
40) Hexachlorocyclopentadiene	9.40	237	64191	75.91	ng	97

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

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

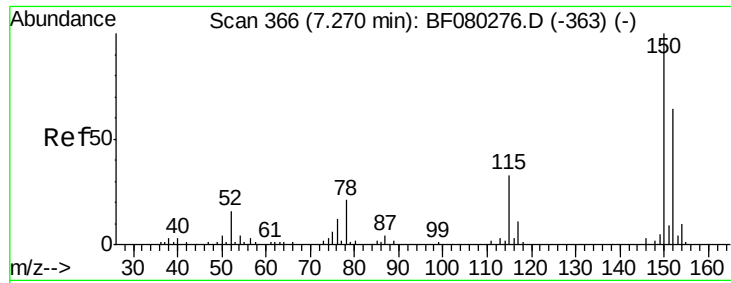
Manual Integrations
 APPROVED

apatel
 7/6/2015 3:41:02 PM

Quant Time: Jul 03 07:29:37 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 03 07:20:41 2015
 Response via : Initial Calibration

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

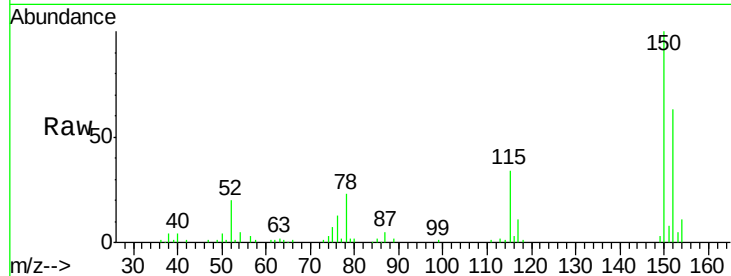
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.24 min Scan# 451
 Delta R.T. 0.00 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

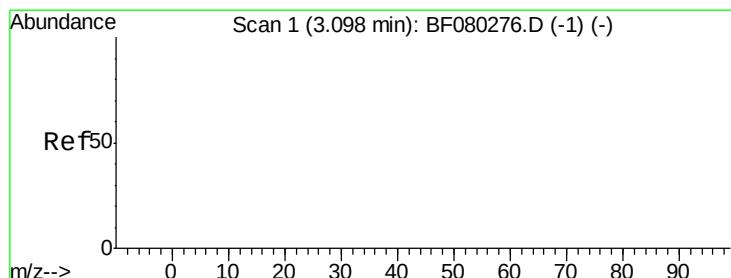
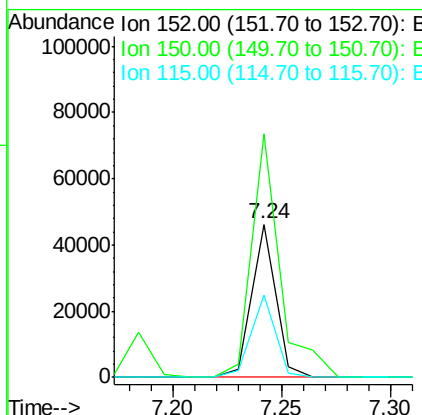
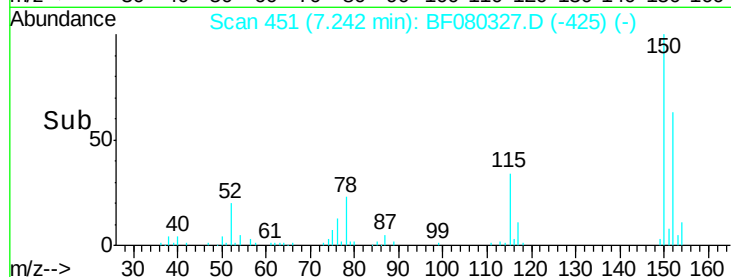
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03-S-UM



Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.7	187.1
115	53.9	41.0	61.6

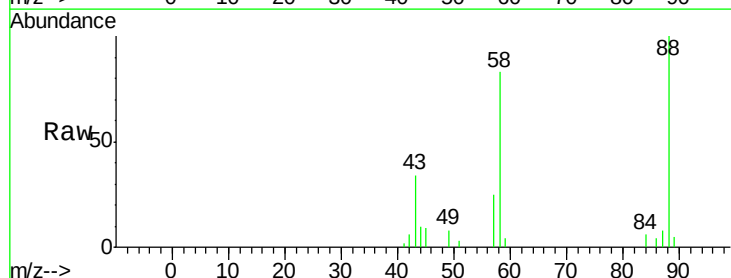
Manual Integrations
 APPROVED

apatel
 7/6/2015 3:41:02 PM

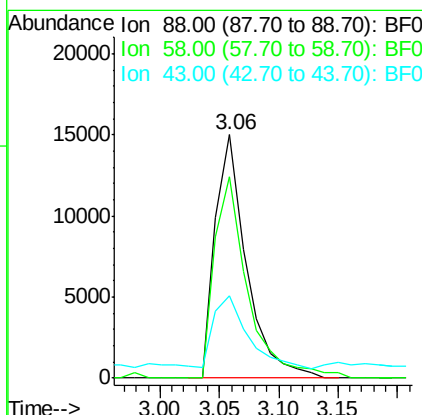
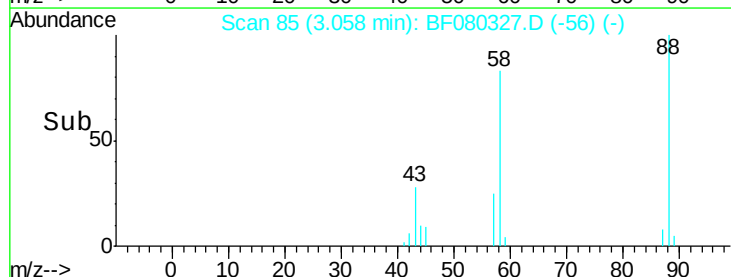


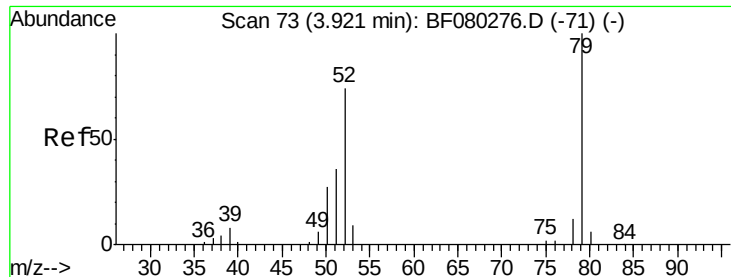
#2

1,4-Dioxane
 Concen: 111.11 ng
 RT: 3.06 min Scan# 85
 Delta R.T. 0.03 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35



Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.3	0.0	0.0#
43	33.3	0.0	0.0#





#3

Pyridine

Concen: 34.23 ng

RT: 3.90 min Scan# 159

Delta R.T. 0.02 min

Lab File: BF080327.D

Acq: 3 Jul 2015 6:35

Instrument :

BNA_F

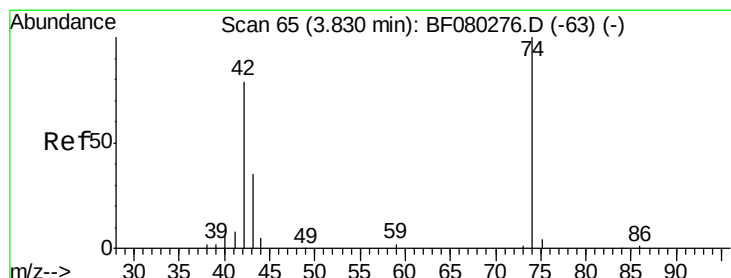
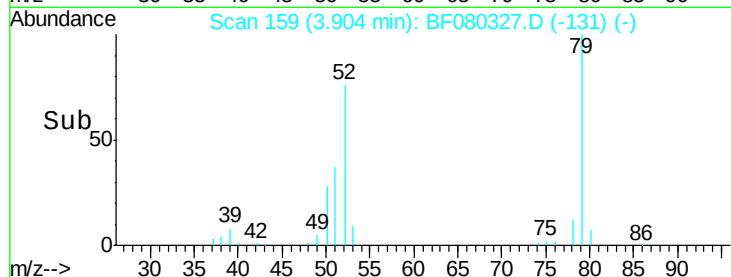
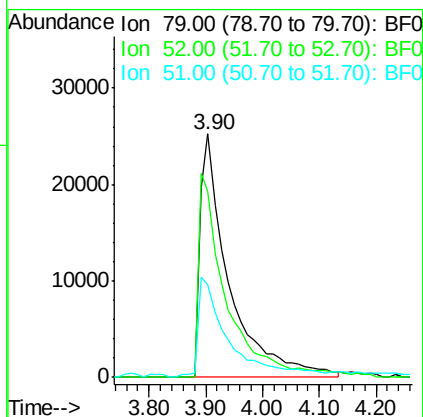
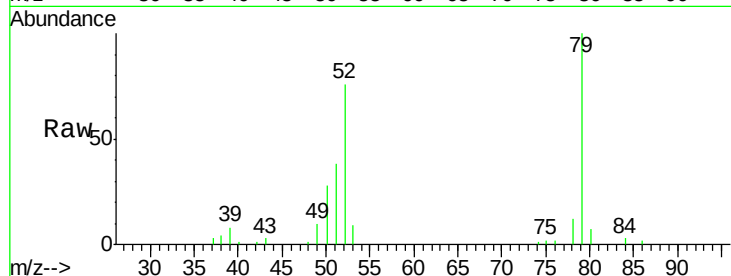
ClientSampleId :

IDOC-03-S-UM

Tgt Ion:	79	Resp:	86754
Ion	Ratio	Lower	Upper
79	100		
52	76.2	59.3	88.9
51	38.1	29.0	43.6

Manual Integrations
APPROVED

apatel
7/6/2015 3:41:02 PM



#4

n-Nitrosodimethylamine

Concen: 36.75 ng

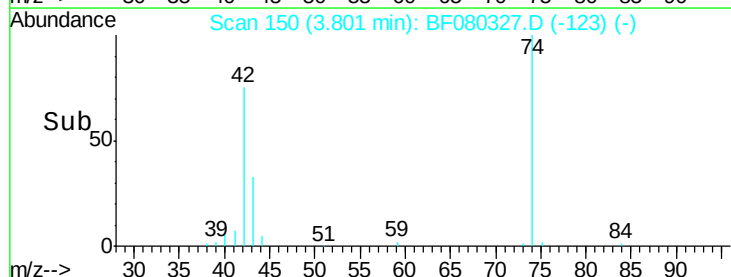
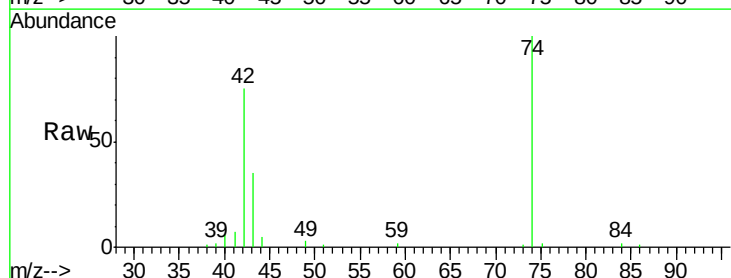
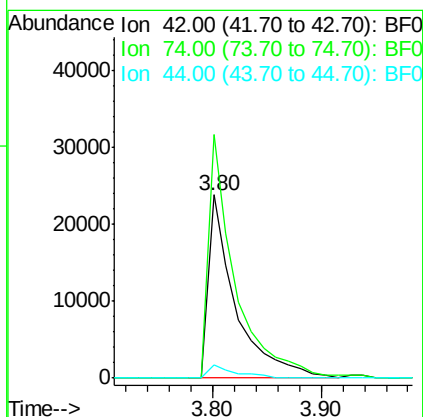
RT: 3.80 min Scan# 150

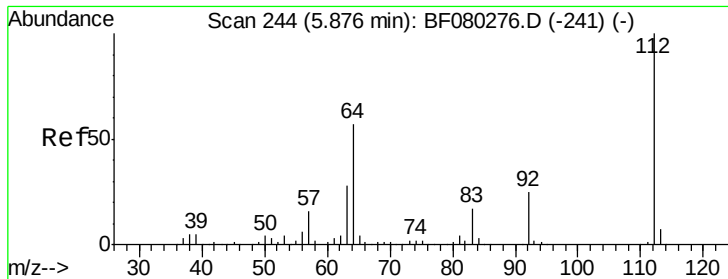
Delta R.T. 0.01 min

Lab File: BF080327.D

Acq: 3 Jul 2015 6:35

Tgt Ion:	42	Resp:	41493
Ion	Ratio	Lower	Upper
42	100		
74	132.8	101.4	152.2
44	7.3	6.3	9.5





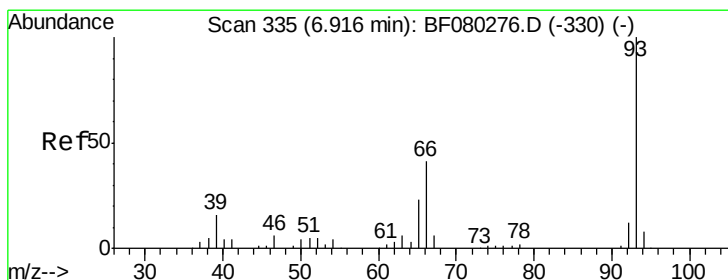
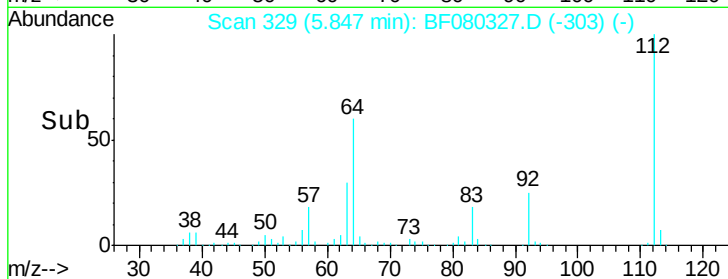
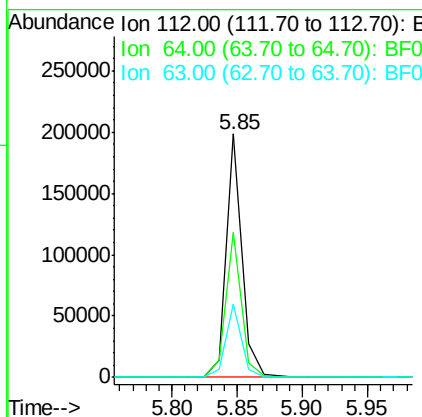
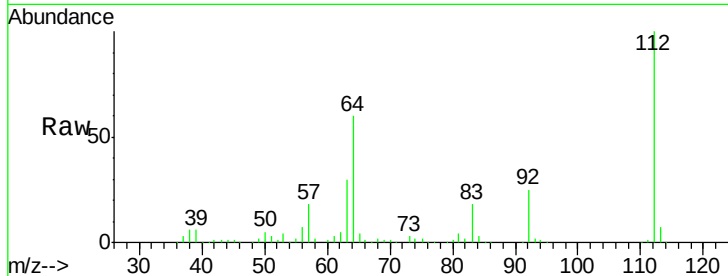
#5
 2-Fluorophenol
 Concen: 81.71 ng
 RT: 5.85 min Scan# 329
 Delta R.T. 0.00 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

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

Tgt Ion:	112	Resp:	167321
Ion Ratio	Lower	Upper	
112	100		
64	59.6	45.5	68.3
63	30.2	22.4	33.6

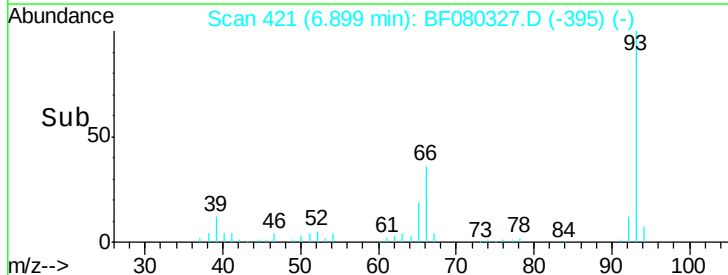
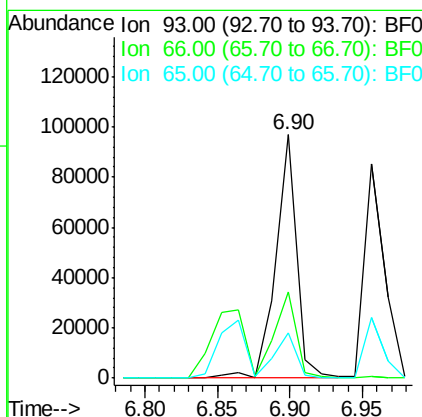
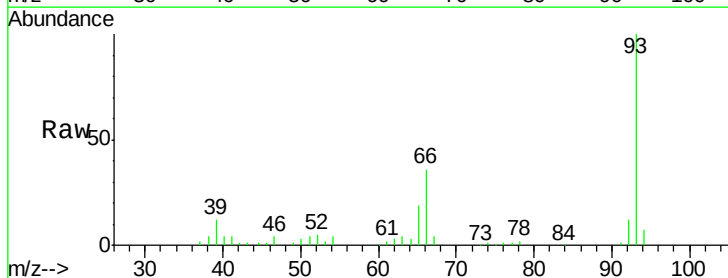
Manual Integrations
 APPROVED

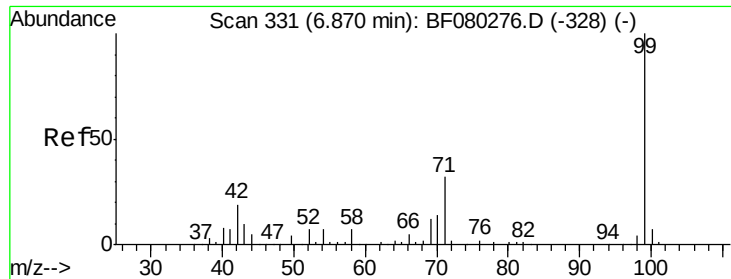
apatel
 7/6/2015 3:41:02 PM



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

Tgt Ion:	93	Resp:	96398
Ion Ratio	Lower	Upper	
93	100		
66	35.5	33.7	50.5
65	18.6	18.3	27.5





#7

Phenol-d6

Concen: 74.61 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF080327.D

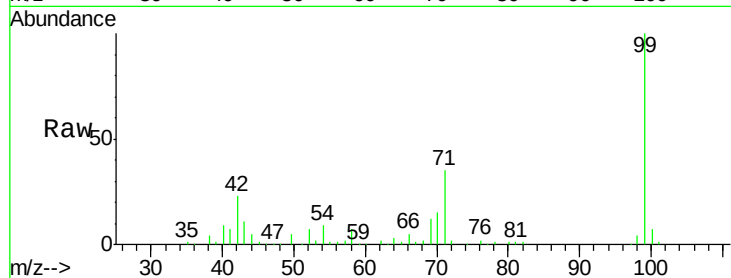
Acq: 3 Jul 2015 6:35

Instrument :

BNA_F

ClientSampleId :

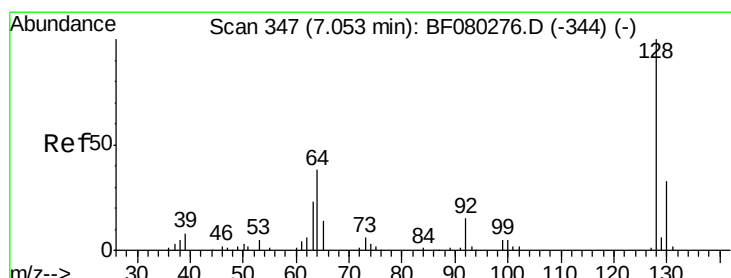
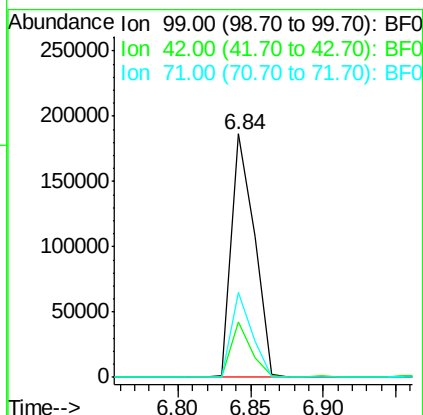
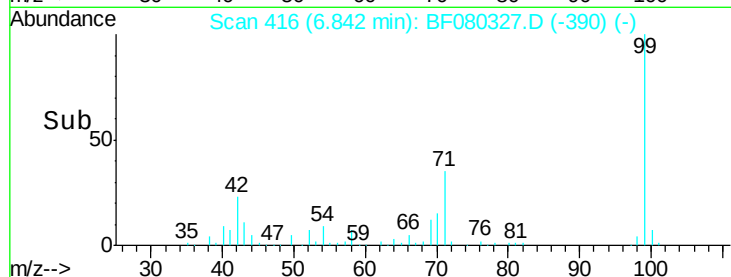
IDOC-03-S-UM



Tgt Ion	Ratio	Lower	Upper
99	100		
42	22.5	15.4	23.2
71	34.8	25.8	38.8

Manual Integrations
APPROVED

apatel
7/6/2015 3:41:02 PM



#8

2-Chlorophenol

Concen: 39.76 ng

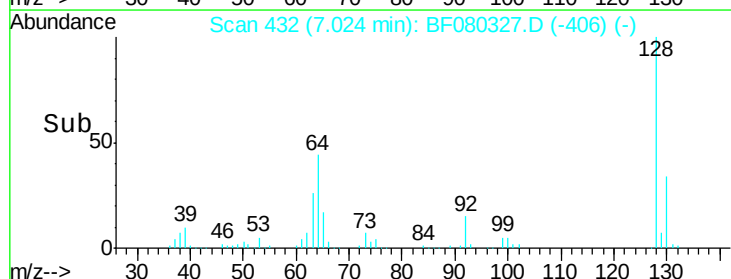
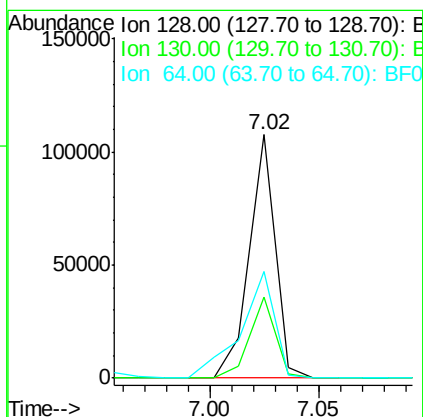
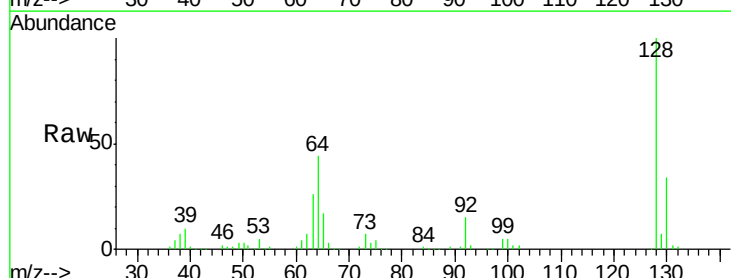
RT: 7.02 min Scan# 432

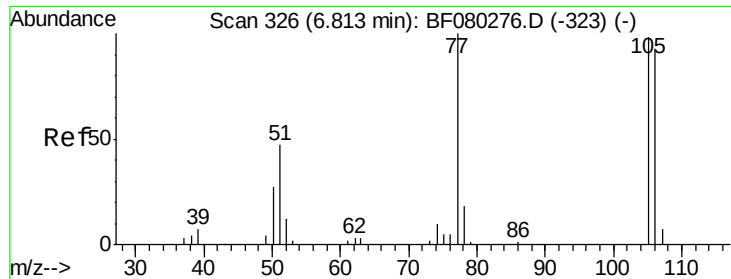
Delta R.T. 0.00 min

Lab File: BF080327.D

Acq: 3 Jul 2015 6:35

Tgt Ion	Ratio	Lower	Upper
128	100		
130	33.6	13.4	53.4
64	43.6	18.5	58.5





#9

Benzaldehyde

Concen: 29.26 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF080327.D

Acq: 3 Jul 2015 6:35

Instrument :

BNA_F

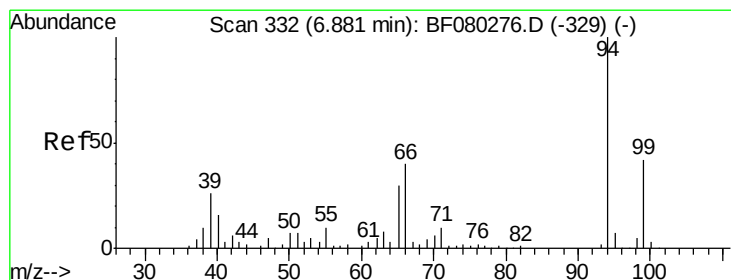
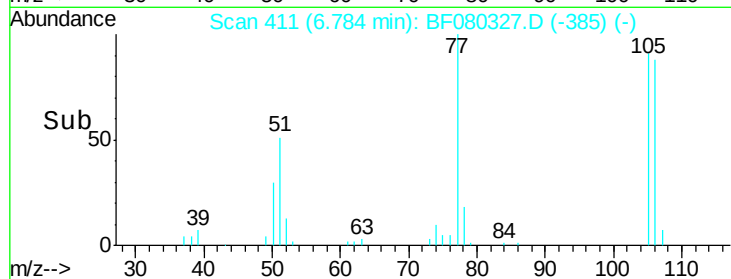
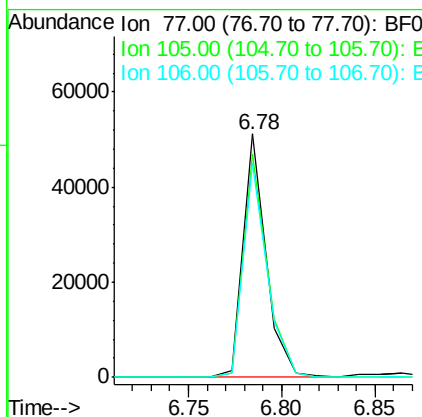
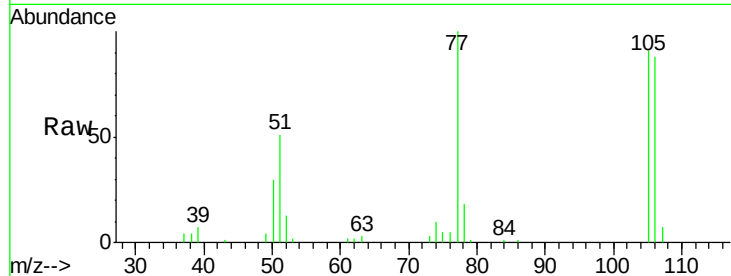
ClientSampleId :

IDOC-03-S-UM

Tgt Ion:	77	Resp:	43958
Ion	Ratio	Lower	Upper
77	100		
105	91.4	78.2	118.2
106	87.7	72.5	112.5

Manual Integrations
APPROVED

apatel
7/6/2015 3:41:02 PM



#10

Phenol

Concen: 36.83 ng

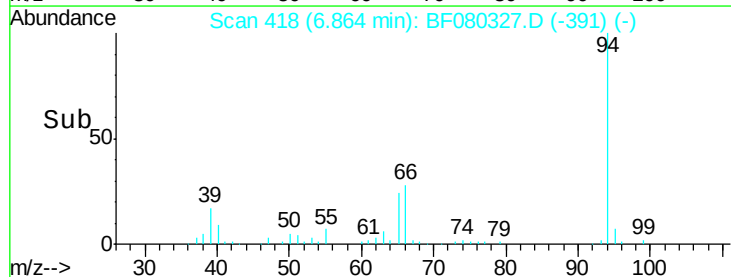
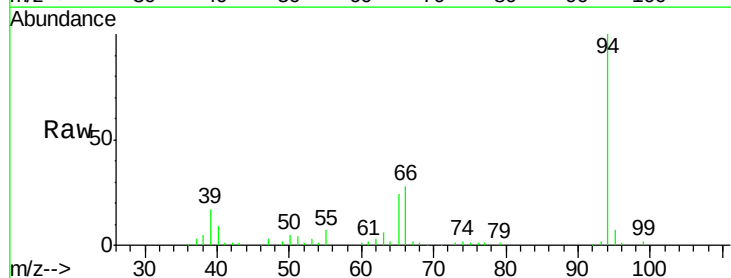
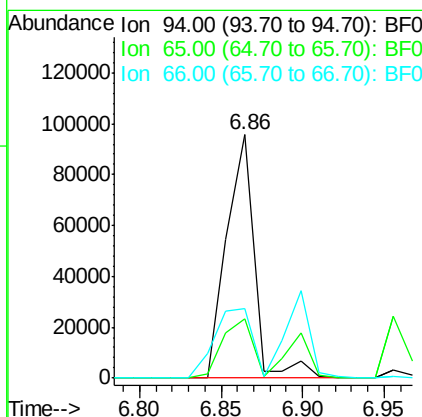
RT: 6.86 min Scan# 418

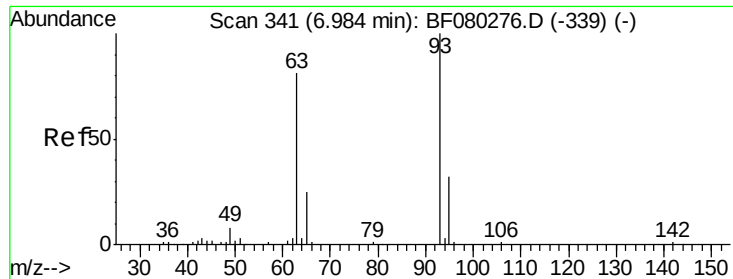
Delta R.T. 0.01 min

Lab File: BF080327.D

Acq: 3 Jul 2015 6:35

Tgt Ion:	94	Resp:	111967
Ion	Ratio	Lower	Upper
94	100		
65	24.2	9.6	49.6
66	28.4	19.7	59.7





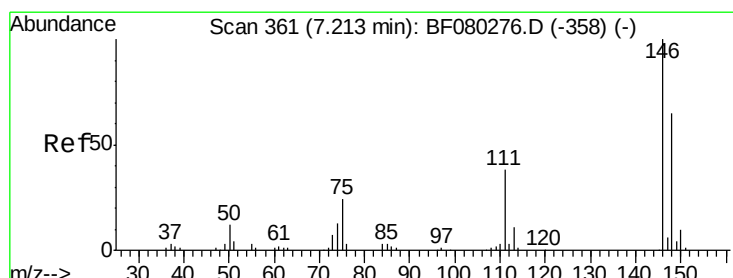
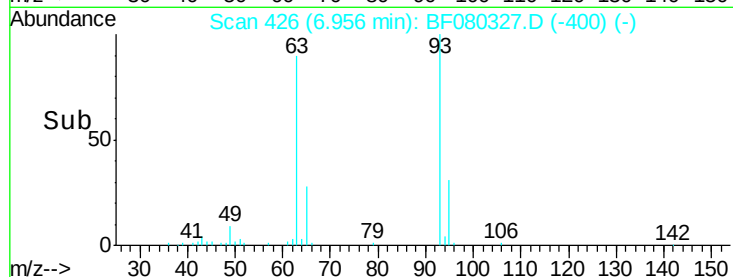
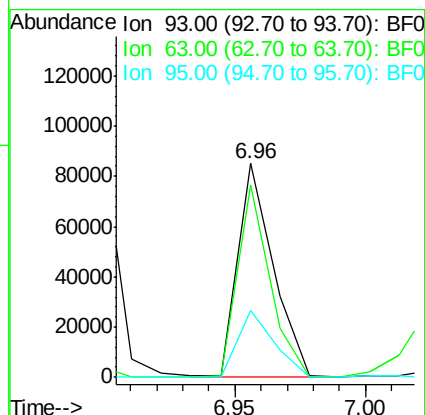
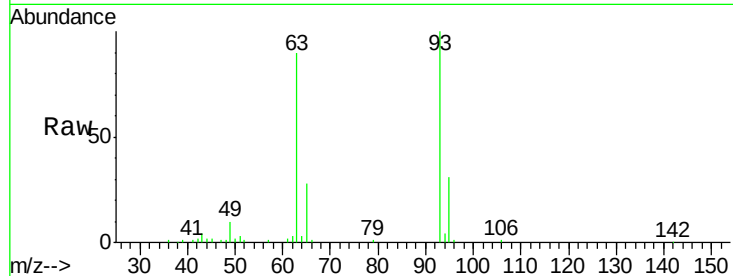
#11
 bis(2-Chloroethyl)ether
 Concen: 35.06 ng
 RT: 6.96 min Scan# 426
 Delta R.T. 0.00 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

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

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

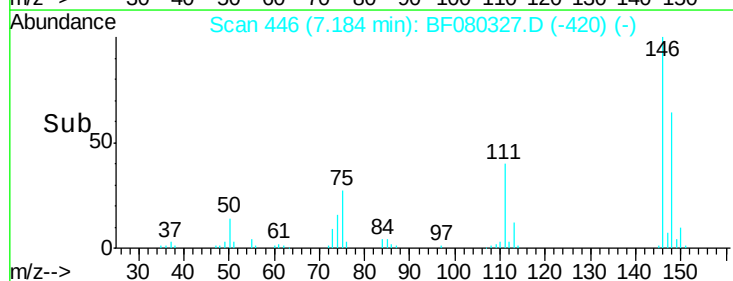
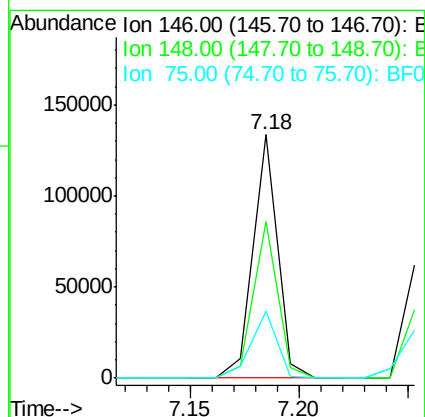
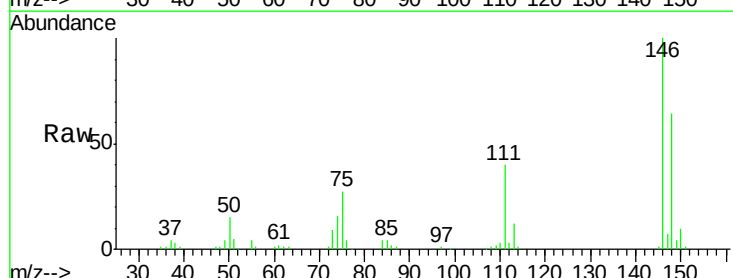
Manual Integrations
 APPROVED

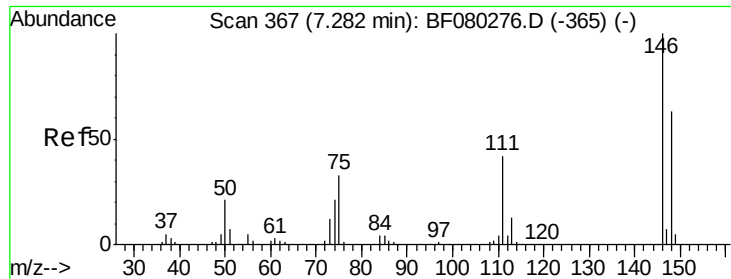
apatel
 7/6/2015 3:41:02 PM



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

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





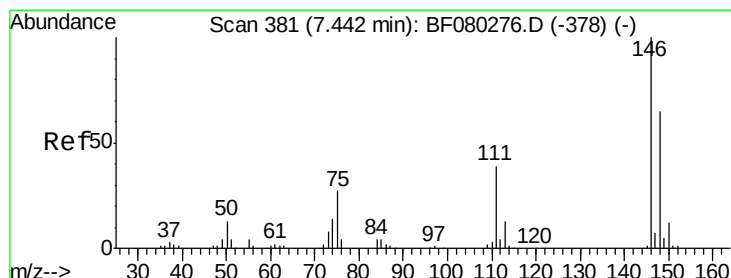
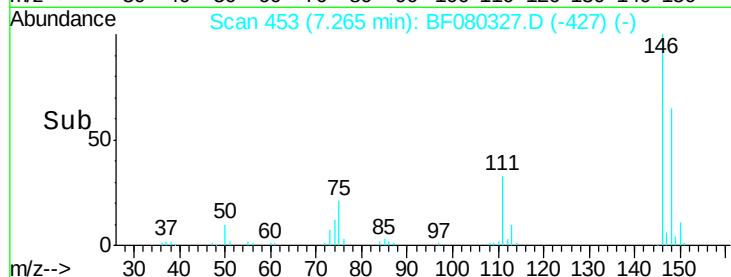
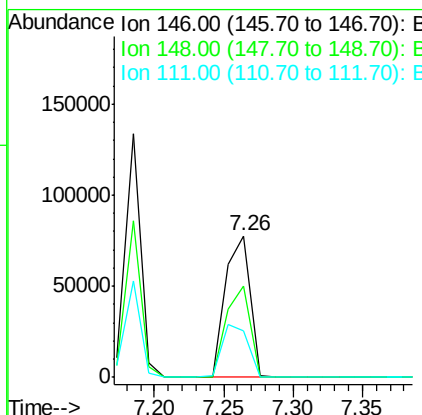
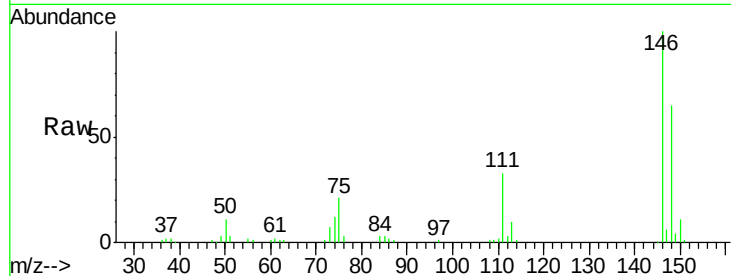
#13
 1,4-Dichlorobenzene
 Concen: 35.34 ng m
 RT: 7.26 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

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

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.2	75.2
111	32.5	33.8	50.8#

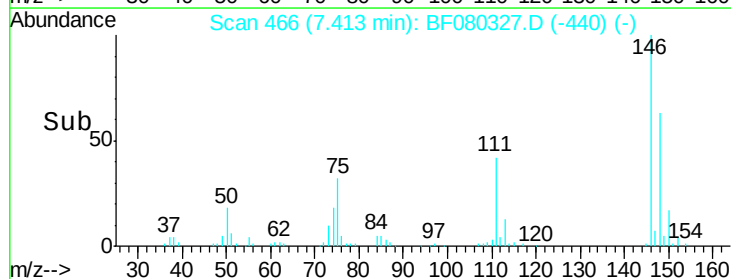
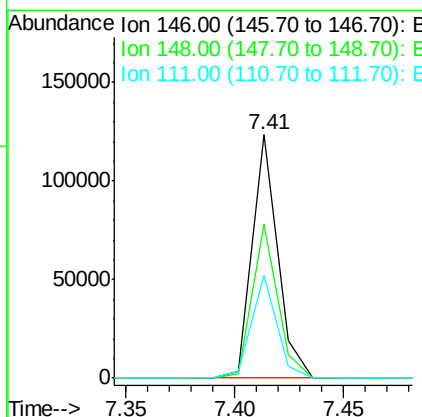
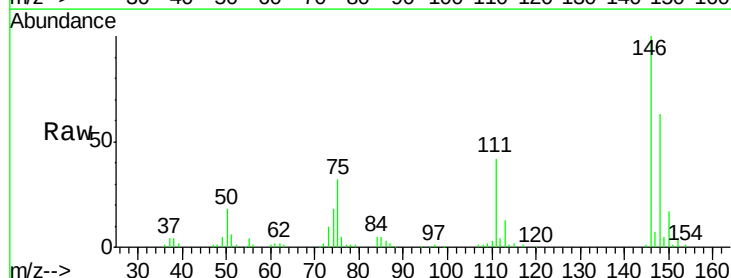
Manual Integrations
 APPROVED

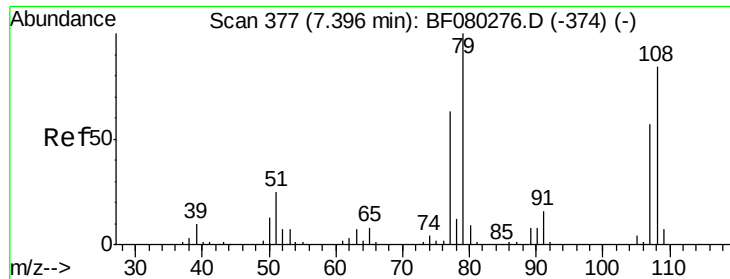
apatel
 7/6/2015 3:41:02 PM



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

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





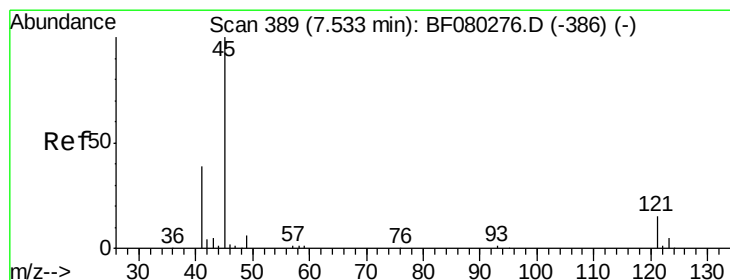
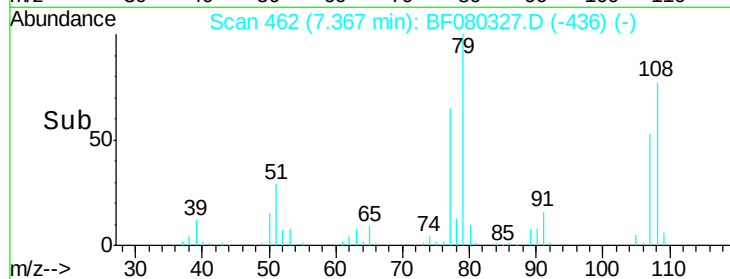
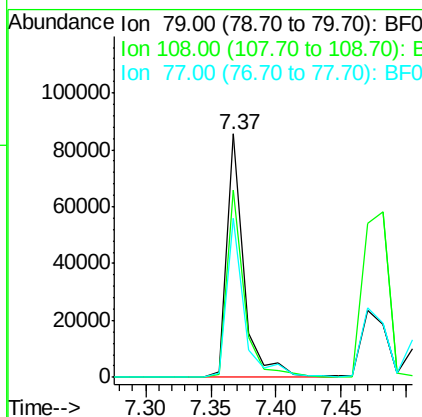
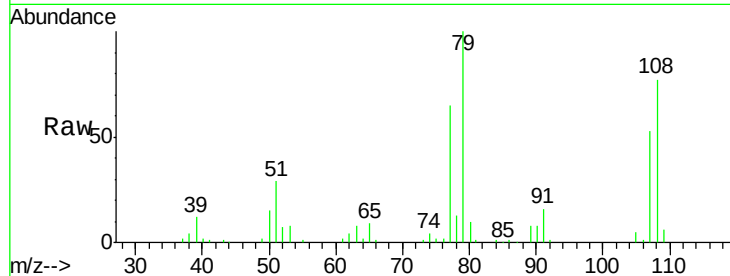
#15
Benzyl Alcohol
Concen: 37.32 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

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

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	78972		
108	77.1	67.1	100.7	
77	65.5	50.7	76.1	

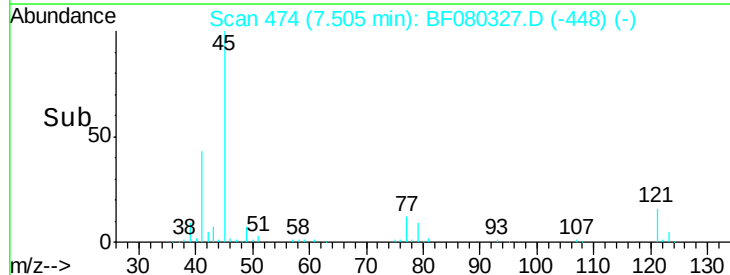
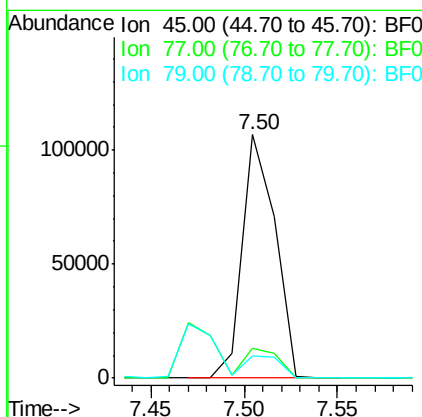
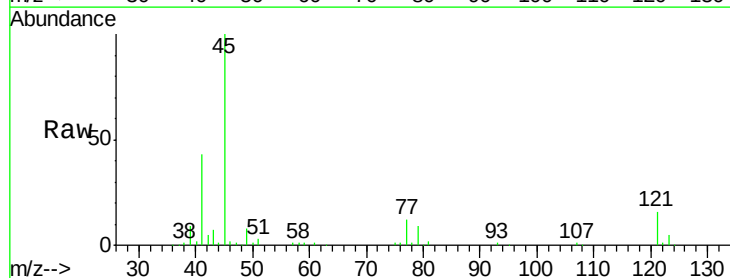
Manual Integrations
APPROVED

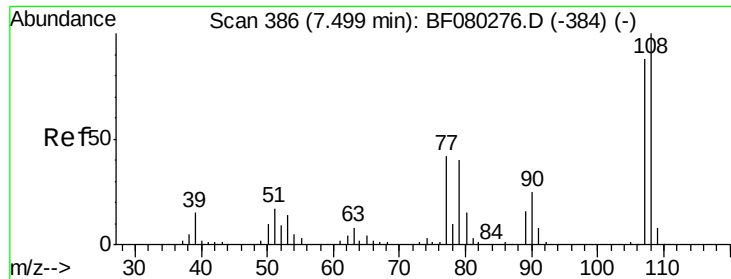
apatel
7/6/2015 3:41:02 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.79 ng
RT: 7.50 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	129816		
77	12.2	0.0	32.0	
79	9.3	0.0	29.3	





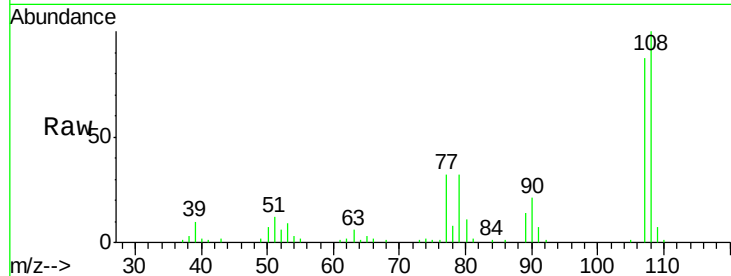
#17
2-Methylphenol
Concen: 34.64 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.01 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

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

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

Manual Integrations
APPROVED

apatel
7/6/2015 3:41:02 PM



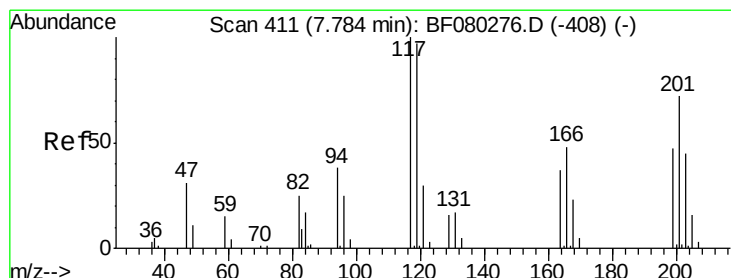
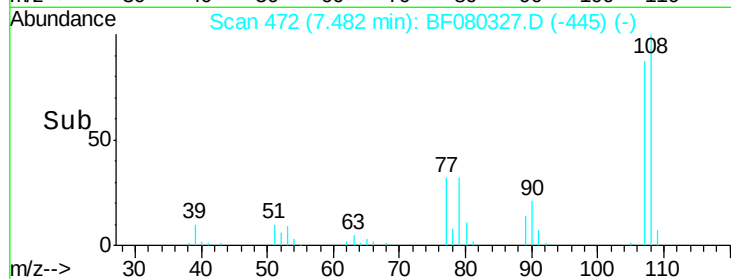
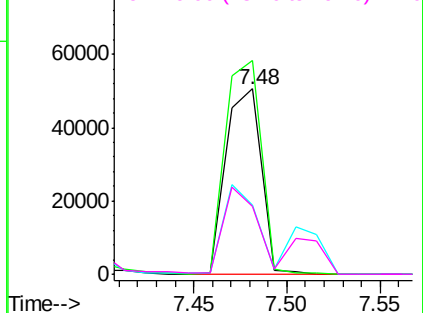
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

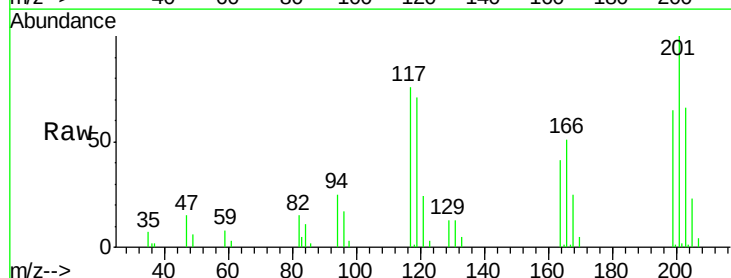
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



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

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

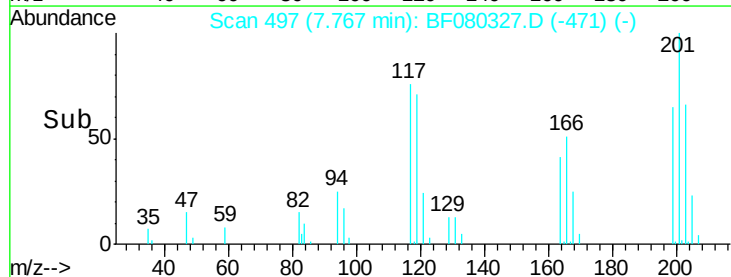
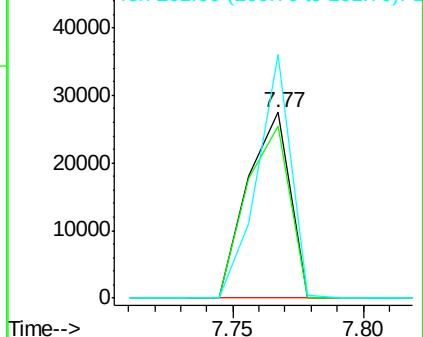


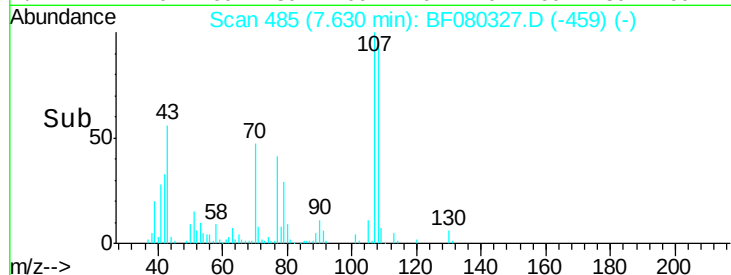
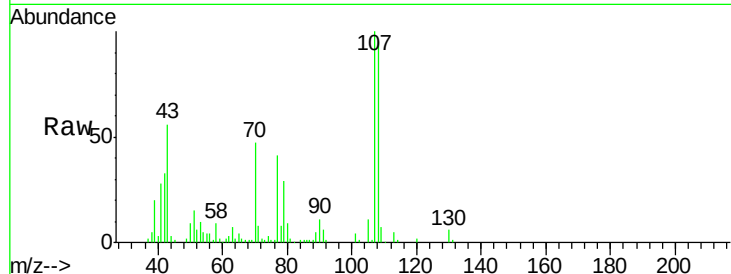
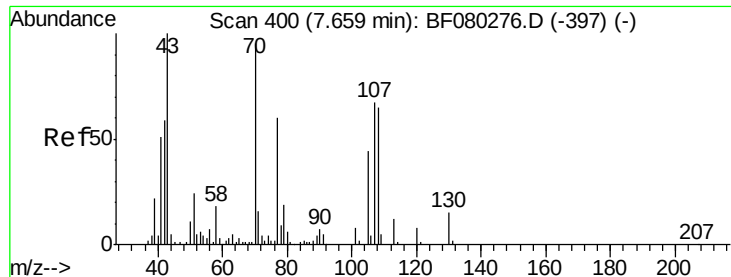
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





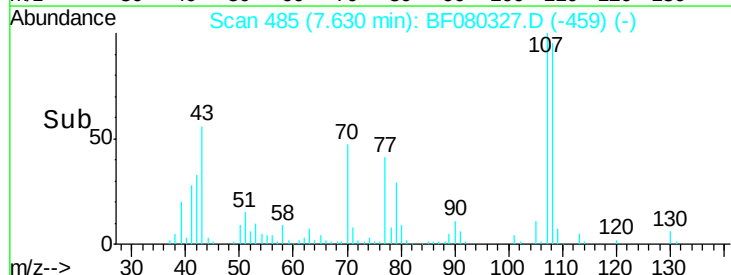
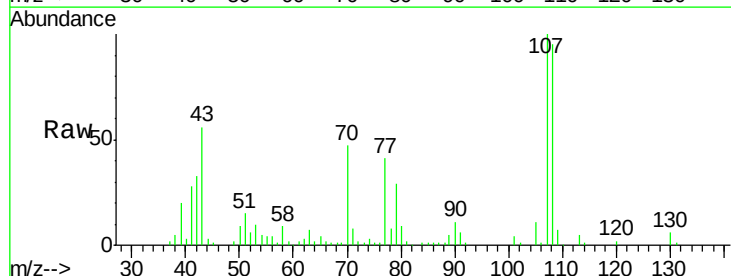
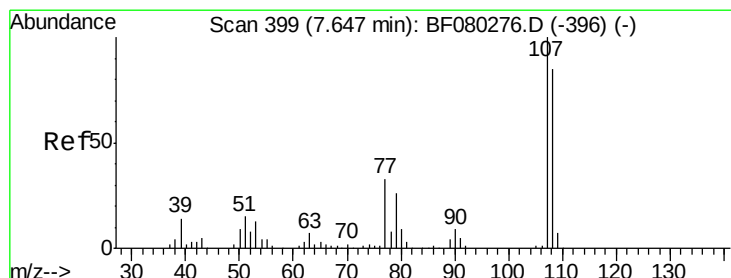
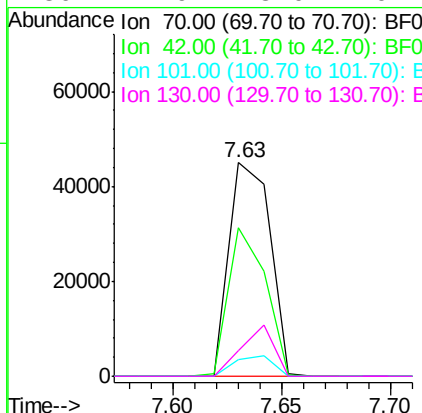
#19
n-Nitroso-di-n-propylamine
Concen: 32.23 ng
RT: 7.63 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

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

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

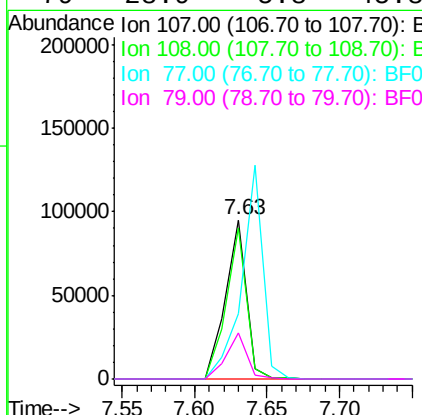
Manual Integrations
APPROVED

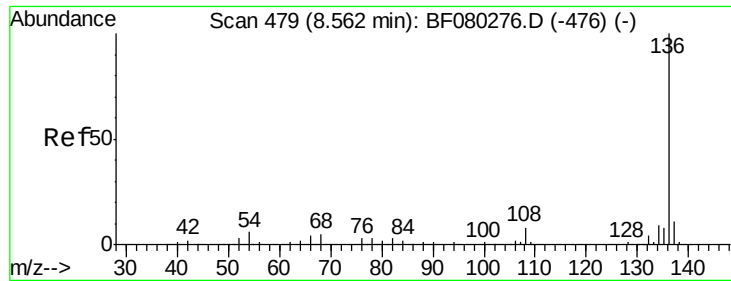
apatel
7/6/2015 3:41:02 PM



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

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





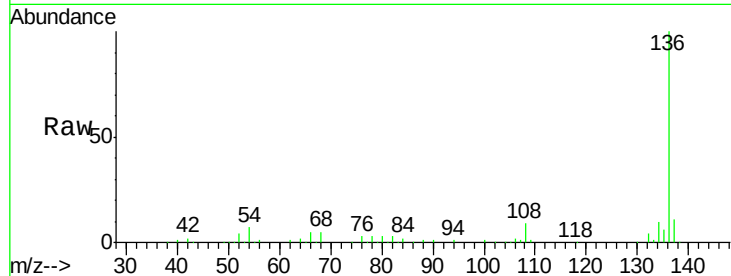
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.53 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

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

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

Manual Integrations
APPROVED

apatel
7/6/2015 3:41:02 PM

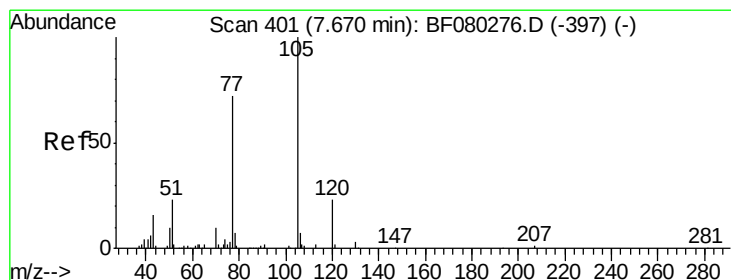
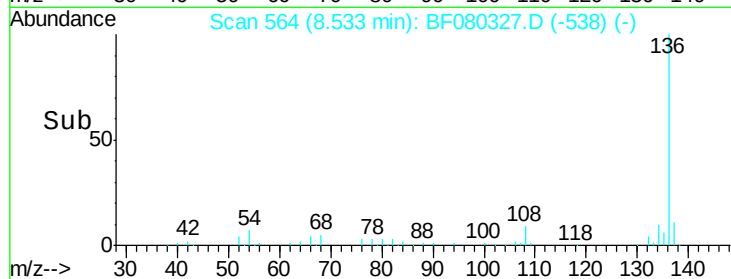
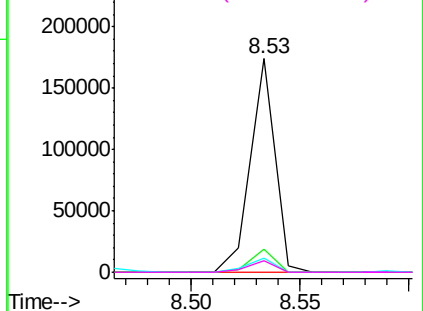


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



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

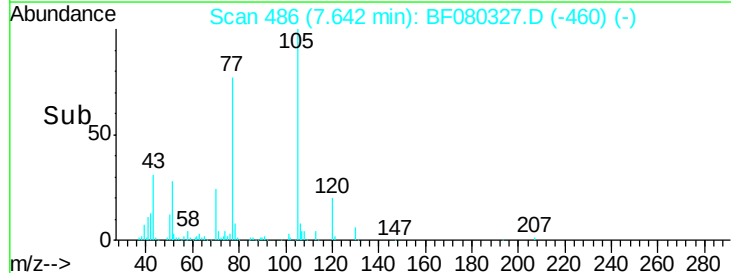
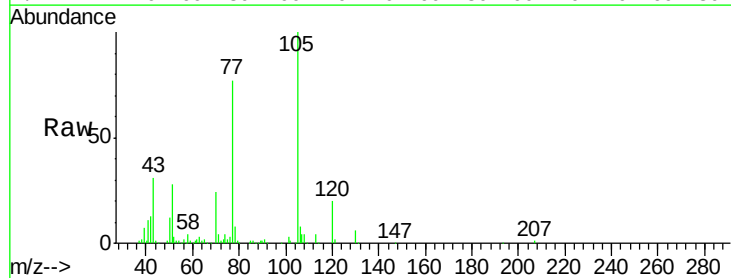
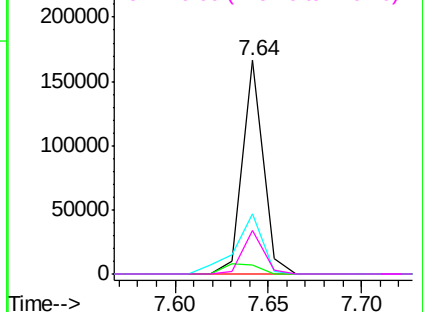
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	129920		
71	4.1	1.4	2.0#	
51	28.2	18.5	27.7#	
120	20.1	18.1	27.1	

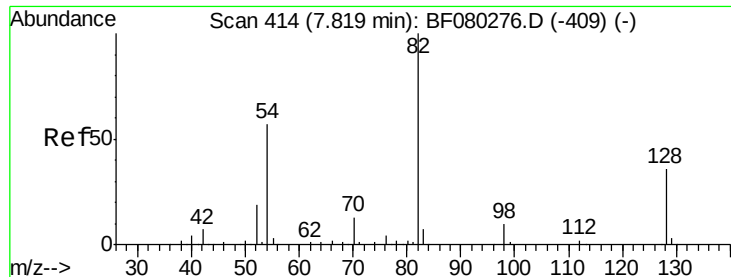
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





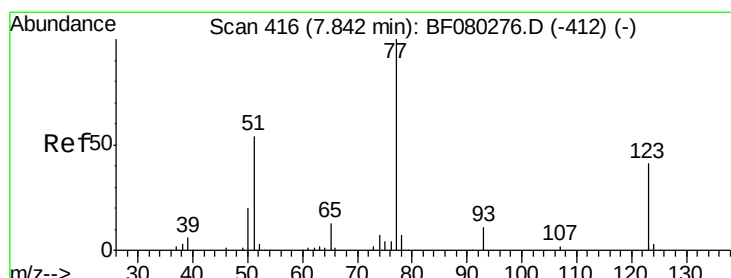
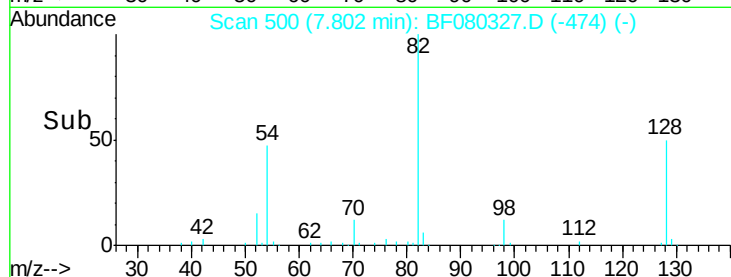
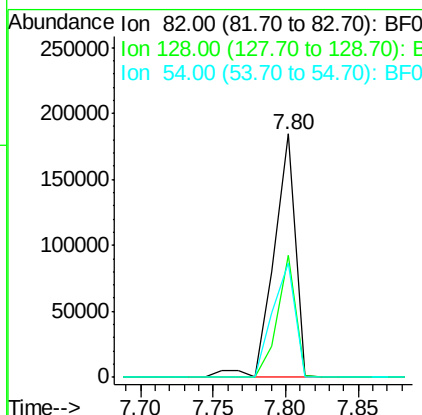
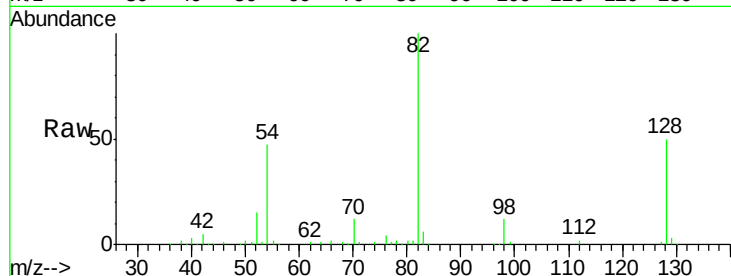
#23
 Nitrobenzene-d5
 Concen: 76.50 ng
 RT: 7.80 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

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

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

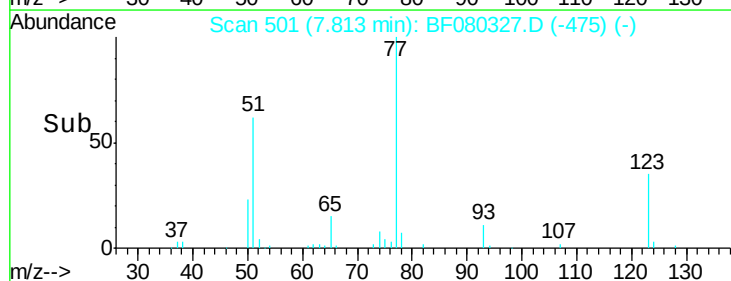
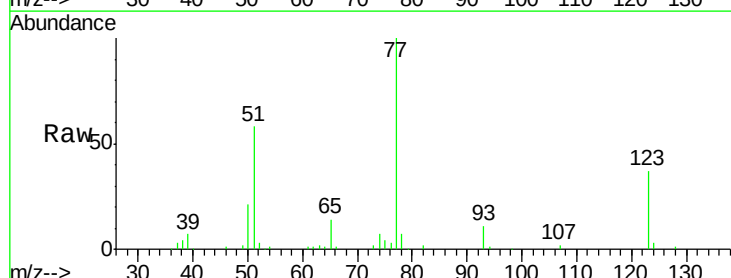
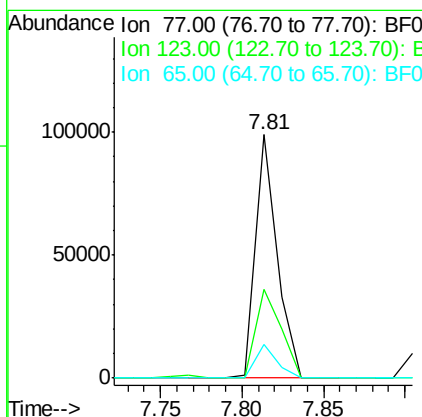
Manual Integrations
 APPROVED

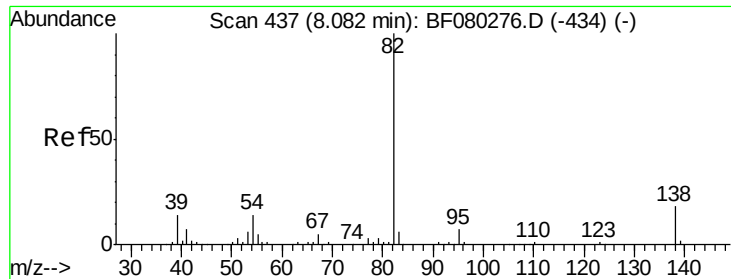
apatel
 7/6/2015 3:41:02 PM



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

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





#25

Isophorone

Concen: 36.40 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF080327.D

Acq: 3 Jul 2015 6:35

Instrument :

BNA_F

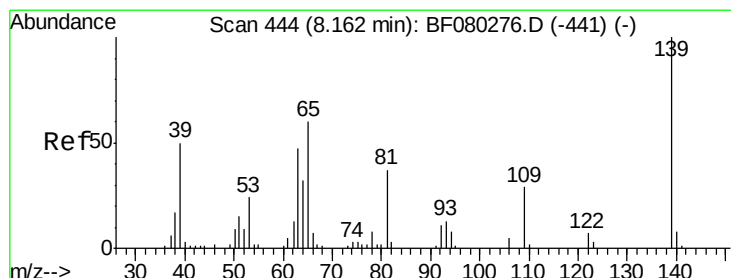
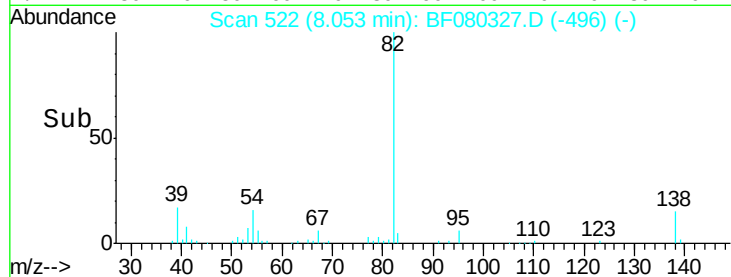
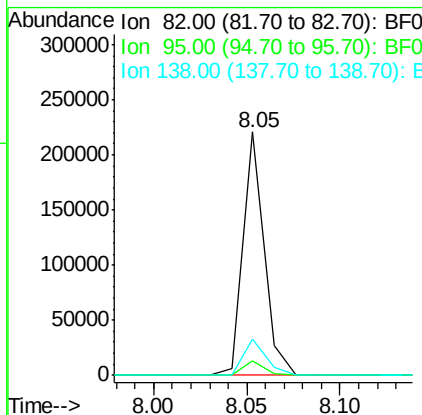
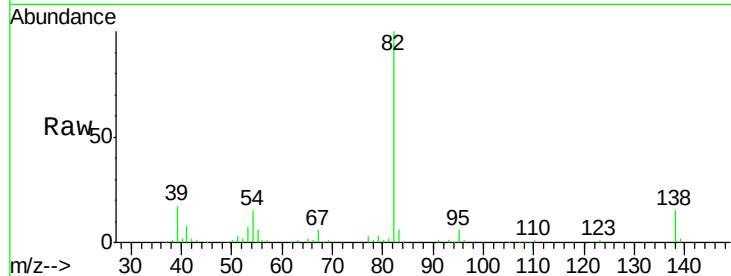
ClientSampleId :

IDOC-03-S-UM

Tgt Ion:	82	Resp:	175071
Ion Ratio		Lower	Upper
82	100		
95	6.2	5.3	7.9
138	14.6	14.4	21.6

Manual Integrations
APPROVED

apatel
7/6/2015 3:41:02 PM



#26

2-Nitrophenol

Concen: 36.01 ng

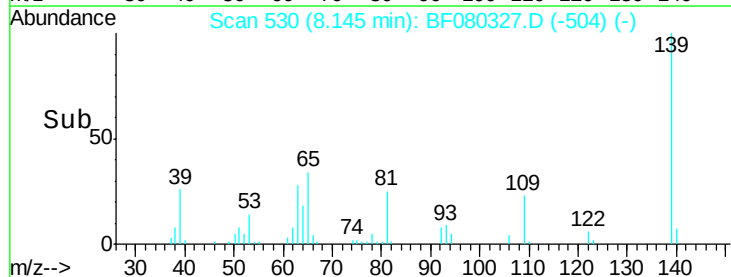
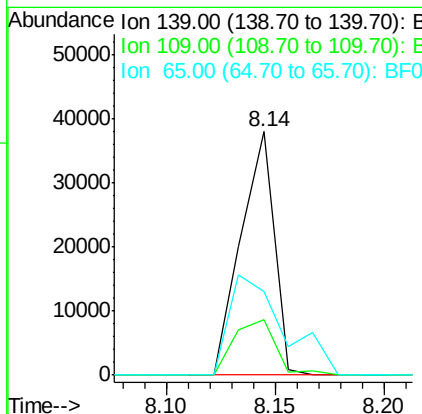
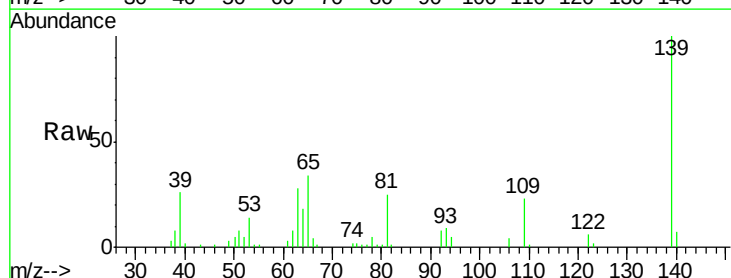
RT: 8.14 min Scan# 530

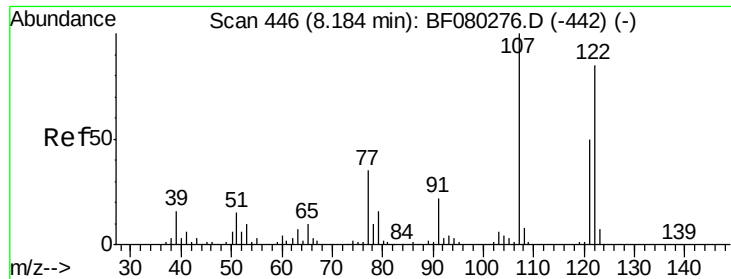
Delta R.T. 0.00 min

Lab File: BF080327.D

Acq: 3 Jul 2015 6:35

Tgt Ion:	139	Resp:	40346
Ion Ratio		Lower	Upper
139	100		
109	22.6	23.1	34.7#
65	34.2	47.6	71.4#





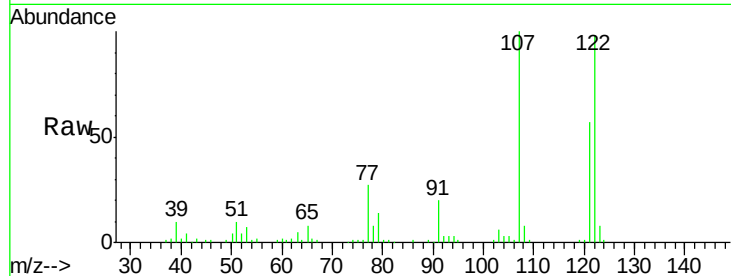
#27
 2,4-Dimethylphenol
 Concen: 38.88 ng
 RT: 8.17 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

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

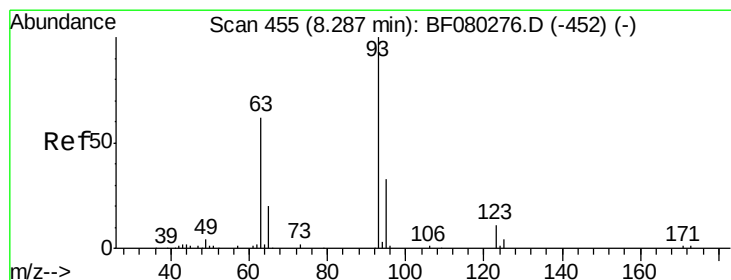
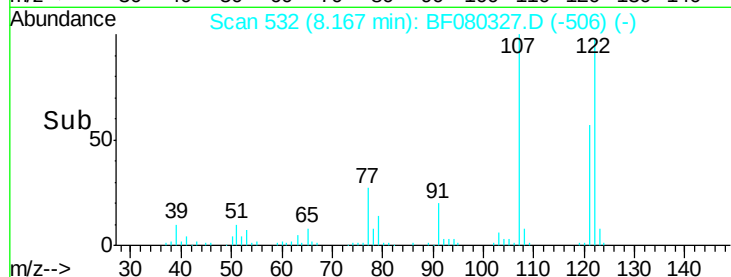
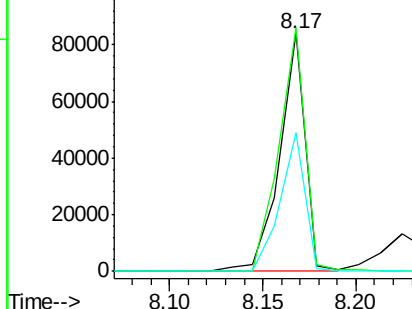
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	79969		
107	102.3	93.7	140.5	
121	58.1	46.9	70.3	

Manual Integrations
 APPROVED

apatel
 7/6/2015 3:41:02 PM

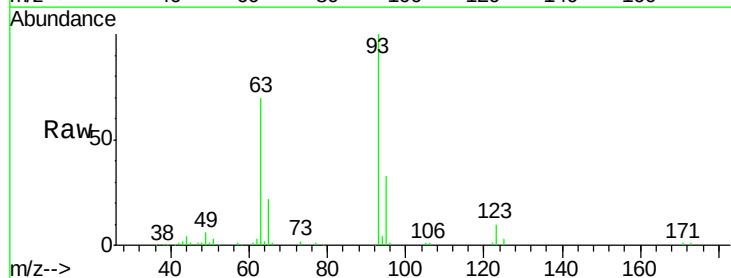


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

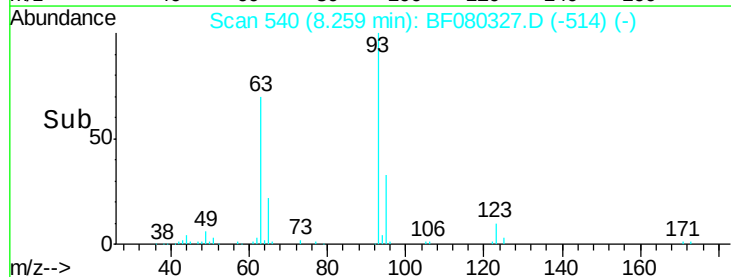
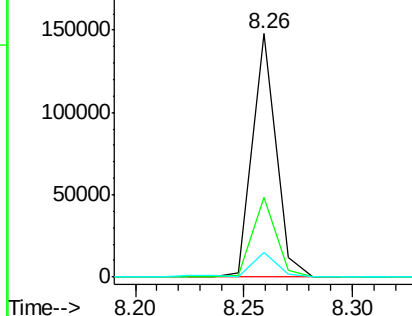


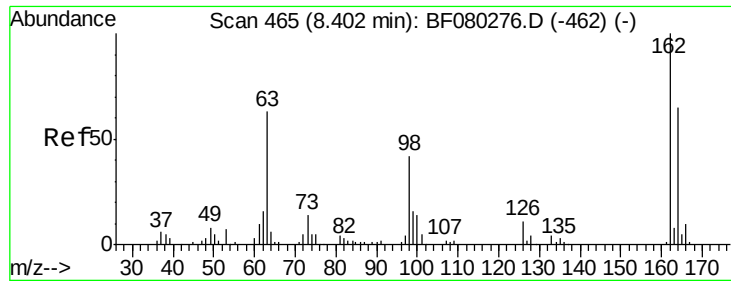
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.64 ng
 RT: 8.26 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	111541		
95	32.7	26.6	39.8	
123	10.3	9.2	13.8	



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E





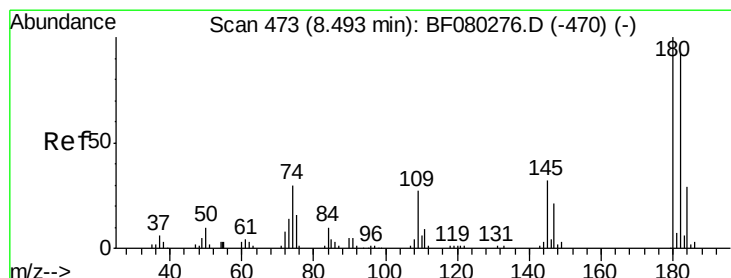
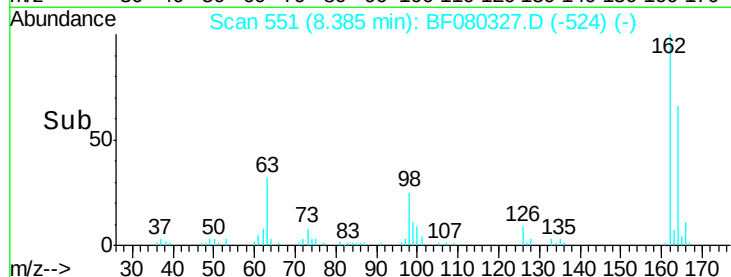
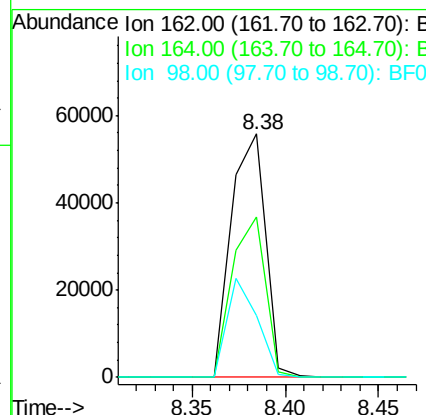
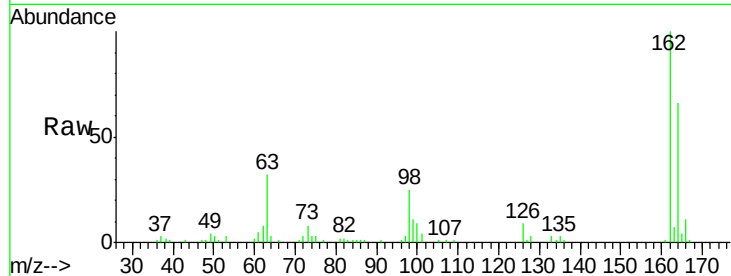
#29
2,4-Dichlorophenol
Concen: 37.77 ng
RT: 8.38 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

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

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

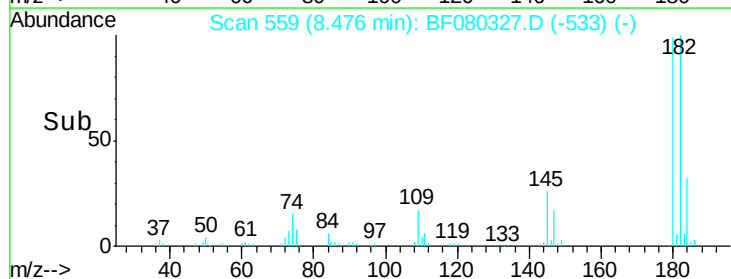
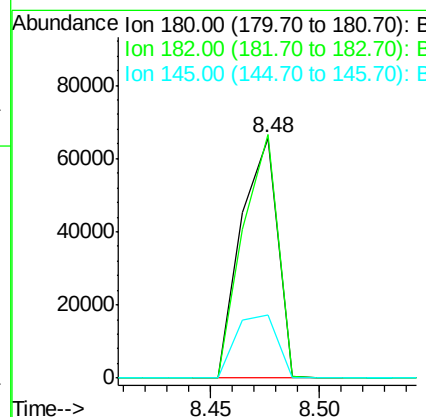
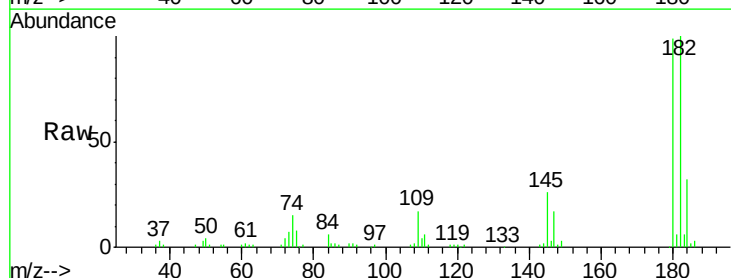
Manual Integrations
APPROVED

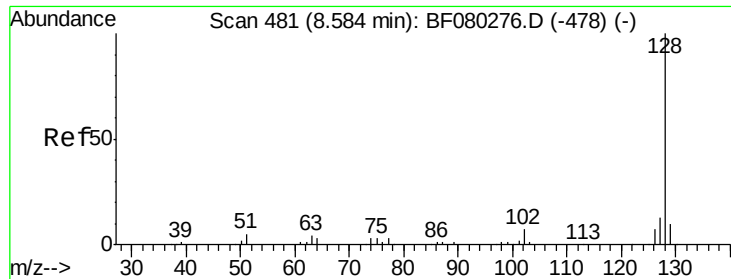
apatel
7/6/2015 3:41:02 PM



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

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





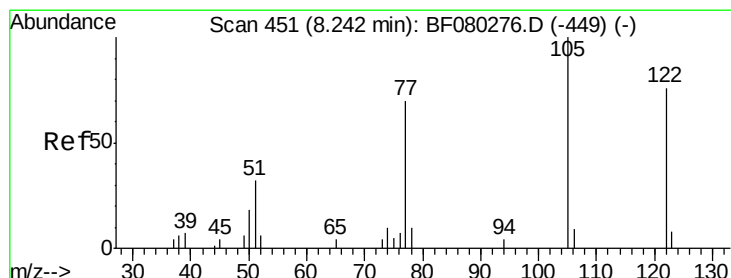
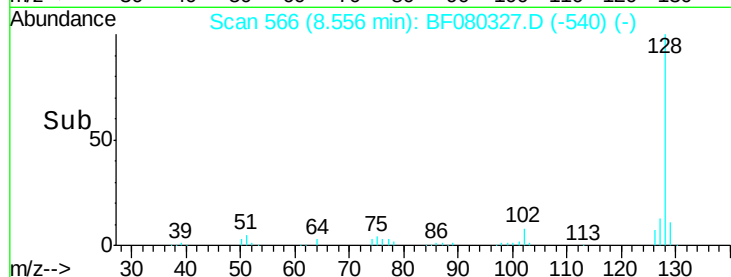
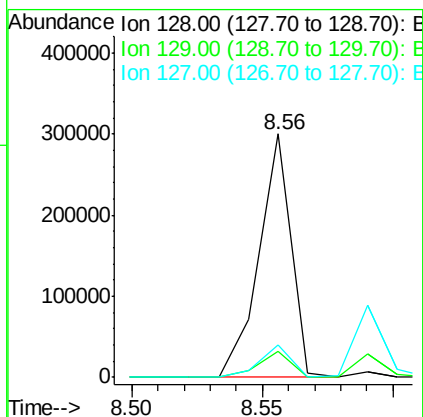
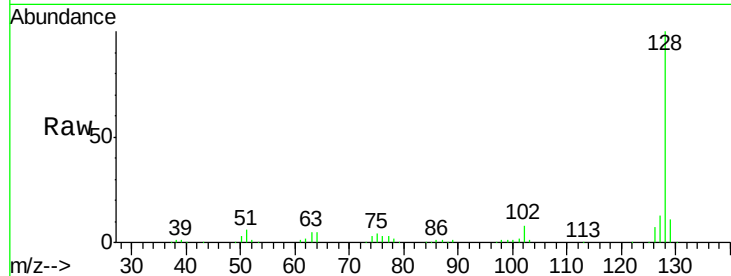
#31
Naphthalene
Concen: 37.31 ng
RT: 8.56 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

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

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

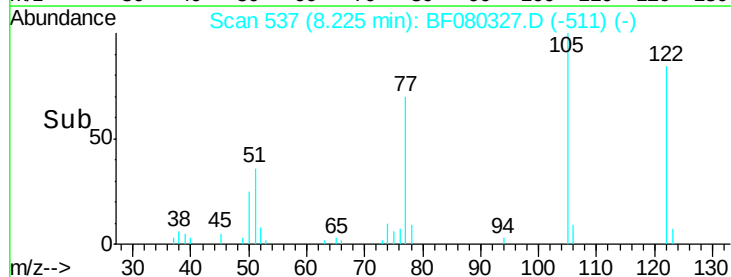
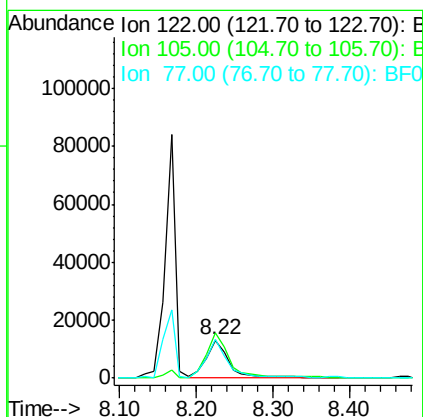
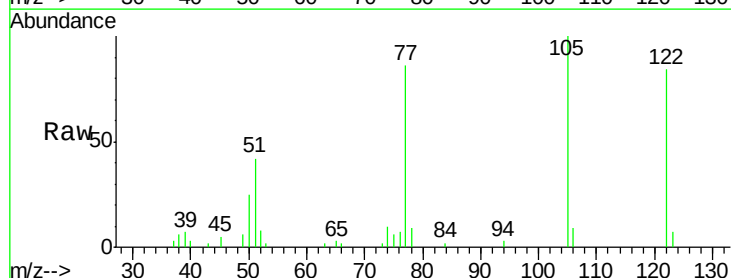
Manual Integrations
APPROVED

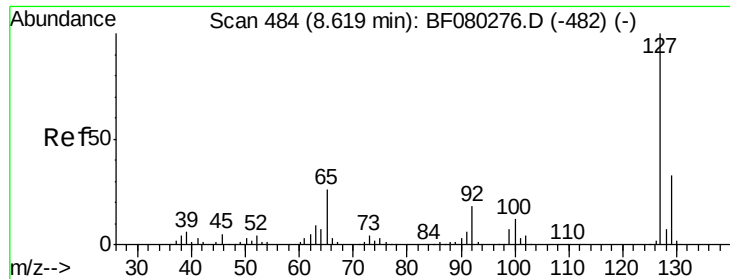
apatel
7/6/2015 3:41:02 PM



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

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





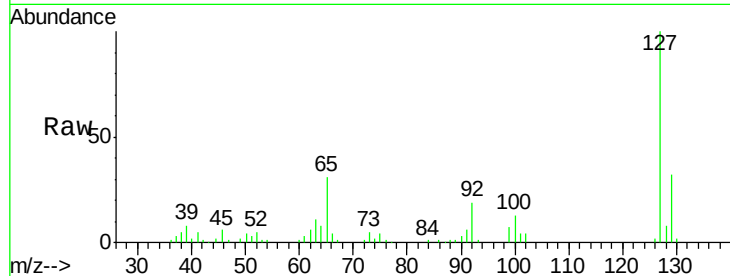
#33
4-Chloroaniline
Concen: 23.51 ng m
RT: 8.59 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

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

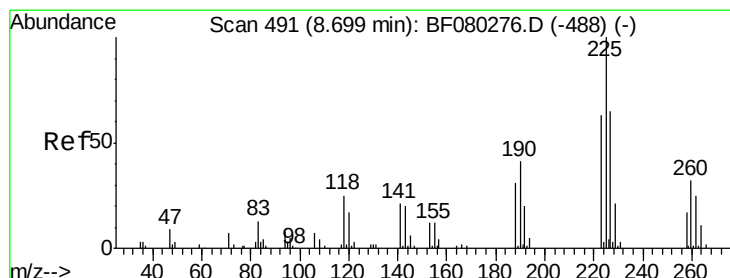
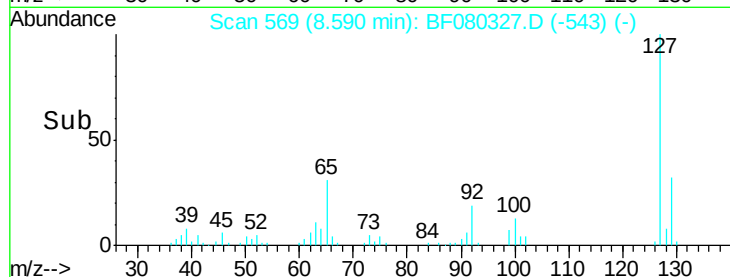
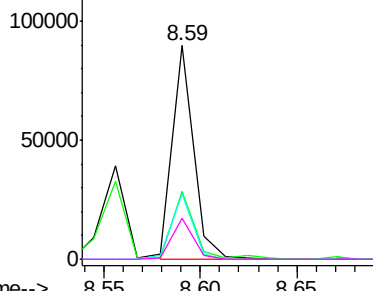
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	69235		
129	31.8	26.4	39.6	
65	30.8	21.0	31.6	
92	19.4	14.1	21.1	

Manual Integrations
APPROVED

apatel
7/6/2015 3:41:02 PM

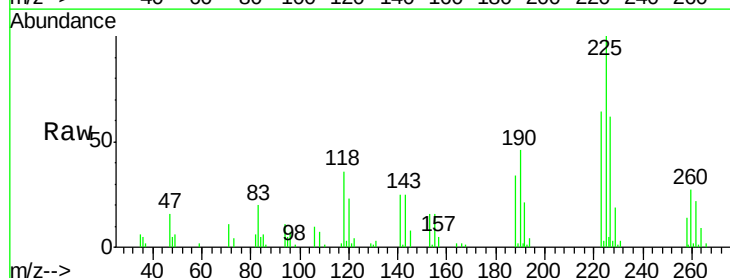


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

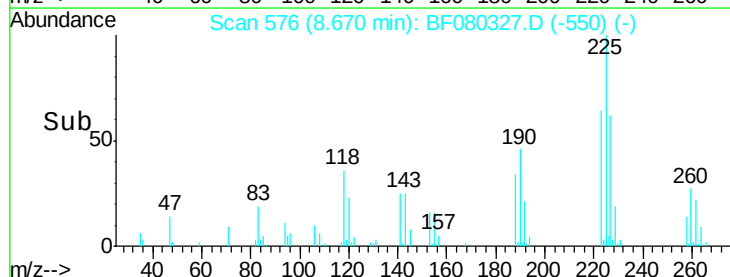
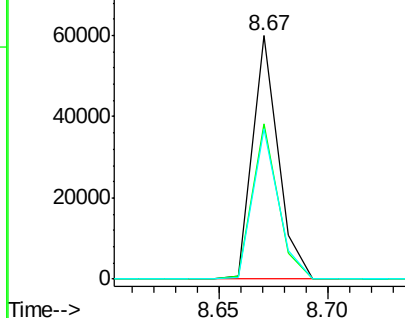


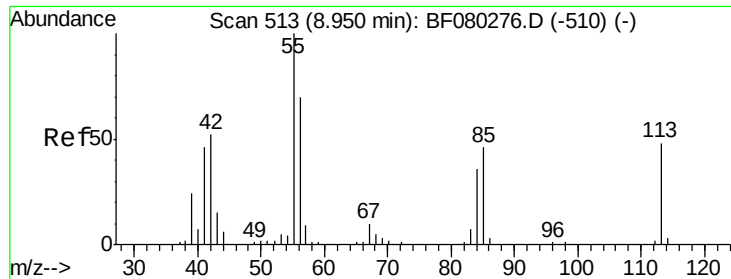
#34
Hexachlorobutadiene
Concen: 35.21 ng
RT: 8.67 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

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



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





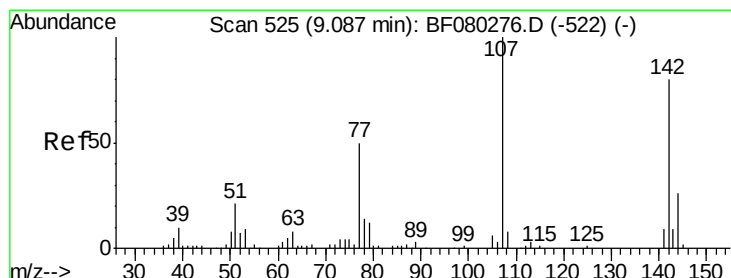
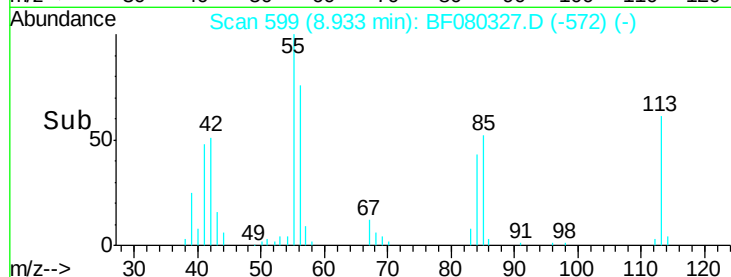
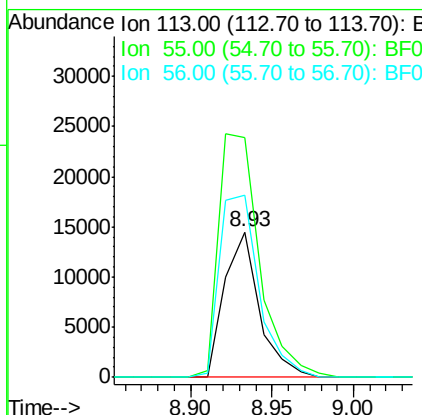
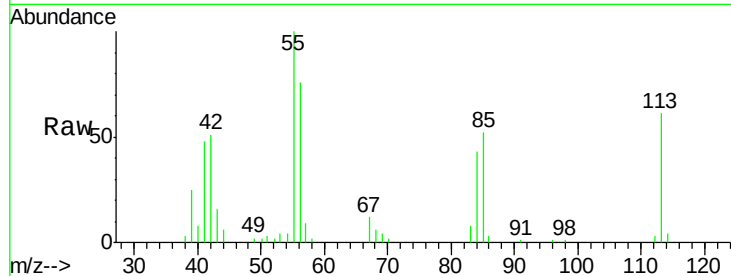
#35
 Caprolactam
 Concen: 36.82 ng
 RT: 8.93 min Scan# 599
 Delta R.T. 0.01 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

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

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

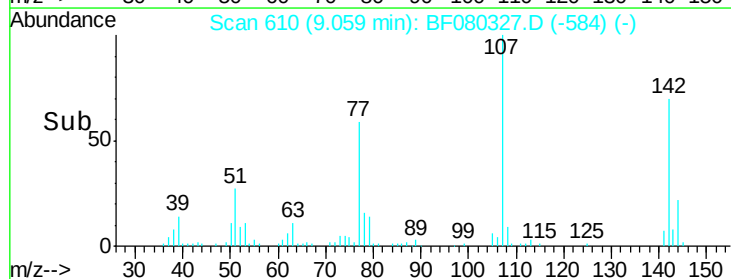
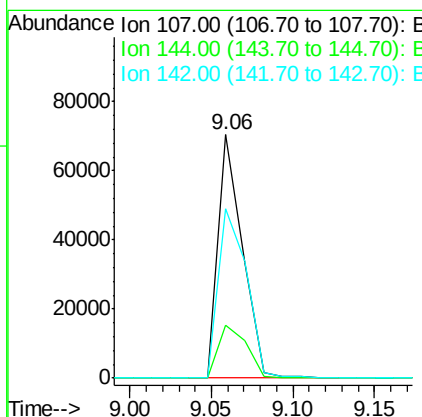
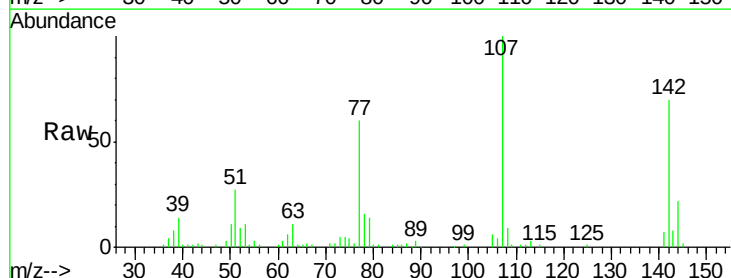
Manual Integrations
 APPROVED

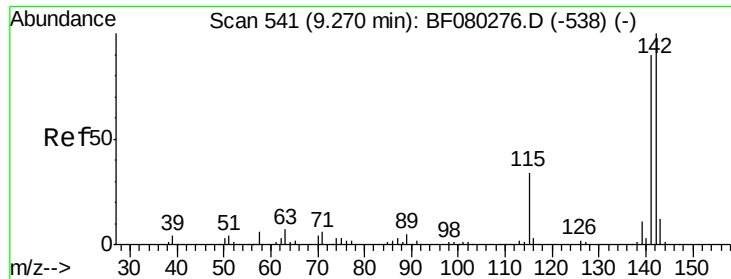
apatel
 7/6/2015 3:41:02 PM



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

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





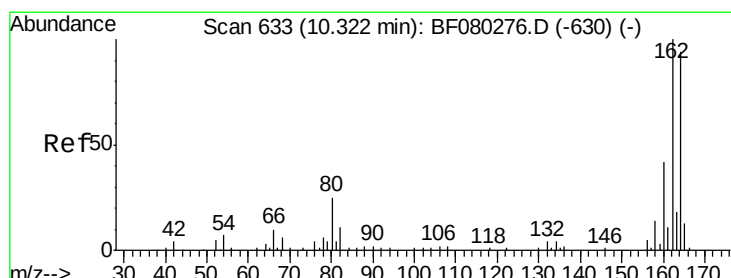
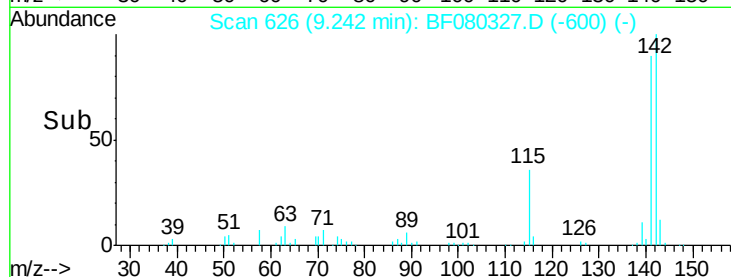
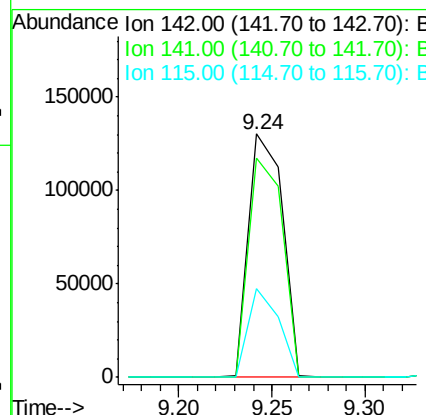
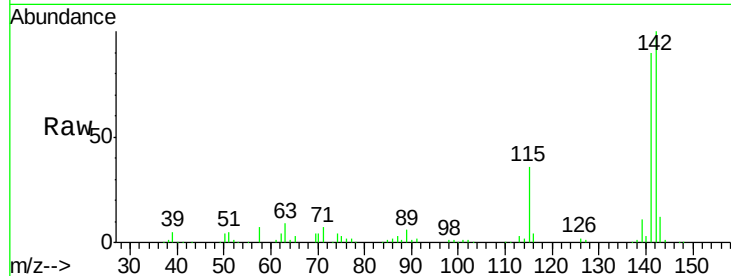
#37
2-Methylnaphthalene
Concen: 35.29 ng
RT: 9.24 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

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

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

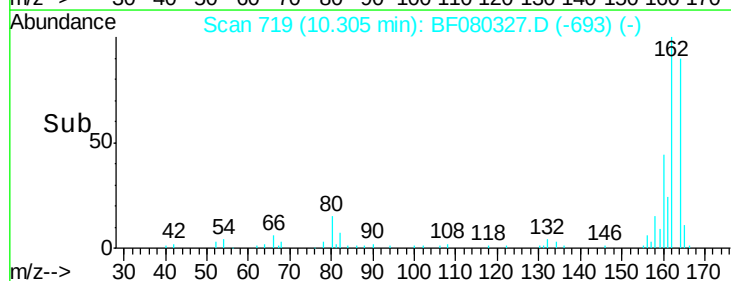
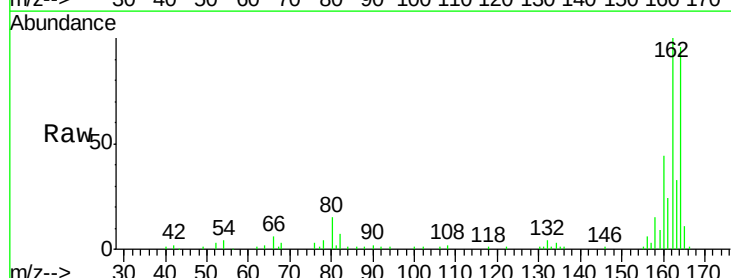
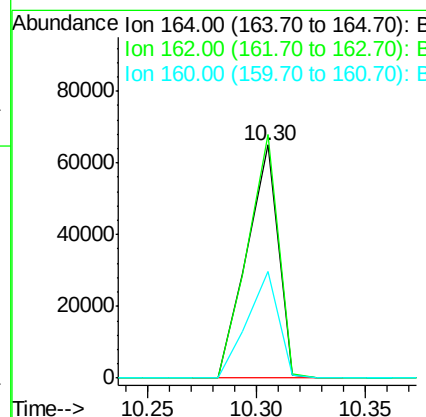
Manual Integrations
APPROVED

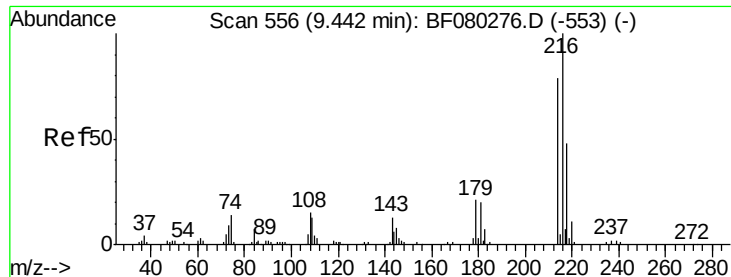
apatel
7/6/2015 3:41:02 PM



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

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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.08 ng

RT: 9.41 min Scan# 641

Delta R.T. 0.00 min

Lab File: BF080327.D

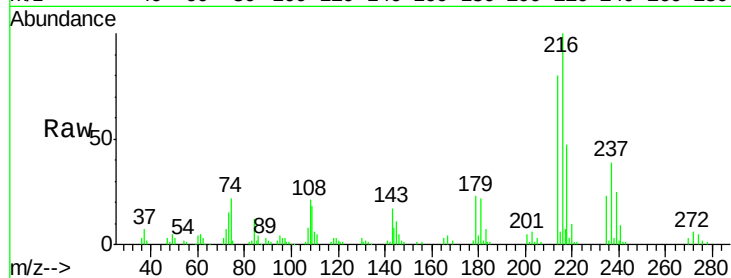
Acq: 3 Jul 2015 6:35

Instrument :

BNA_F

ClientSampleId :

IDOC-03-S-UM



Tgt Ion: 216 Resp: 80057

Ion Ratio Lower Upper

216 100

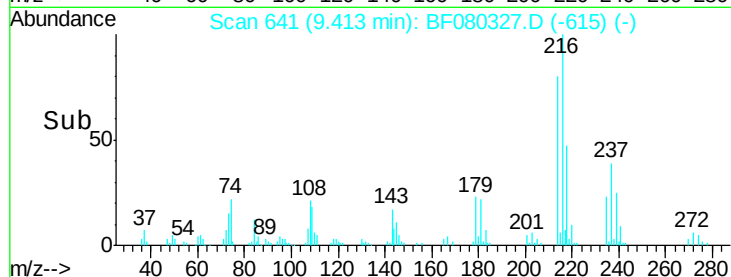
214 78.7 63.0 94.6

179 21.0 16.8 25.2

108 21.3 13.8 20.8#

Manual Integrations
APPROVED

apatel
7/6/2015 3:41:02 PM

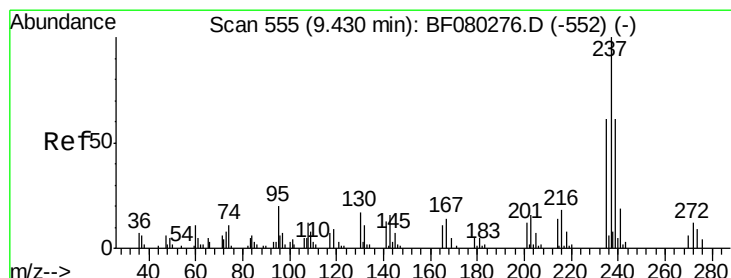
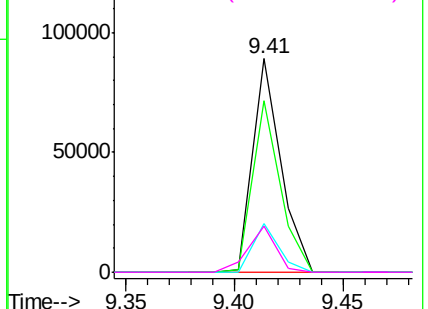


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 75.91 ng

RT: 9.40 min Scan# 640

Delta R.T. 0.00 min

Lab File: BF080327.D

Acq: 3 Jul 2015 6:35

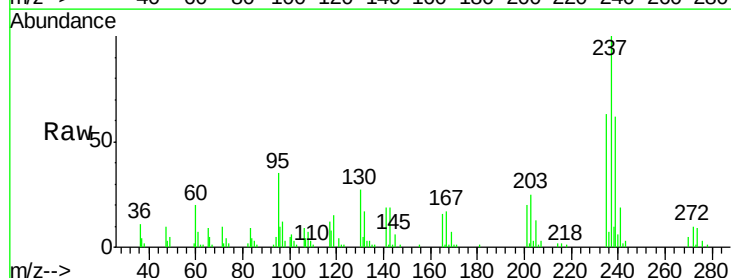
Tgt Ion: 237 Resp: 64191

Ion Ratio Lower Upper

237 100

235 63.0 41.3 81.3

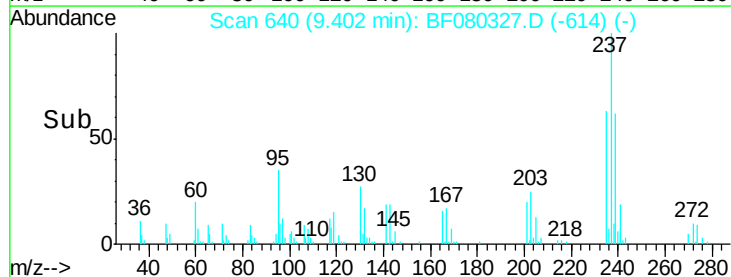
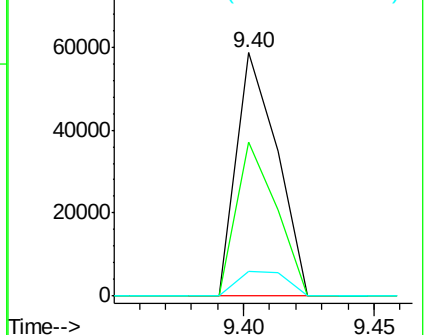
272 10.3 0.0 31.8

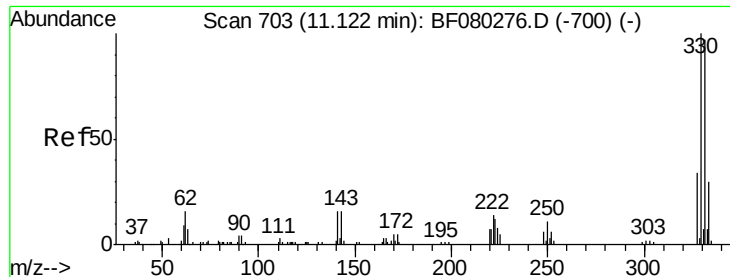


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





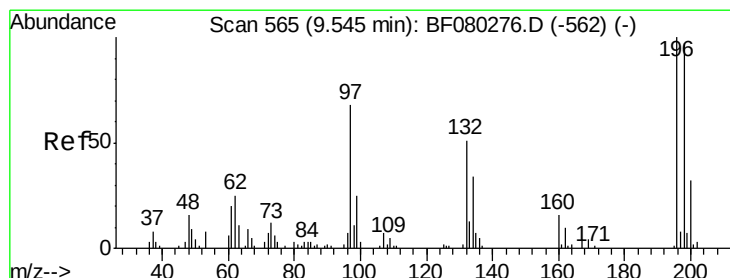
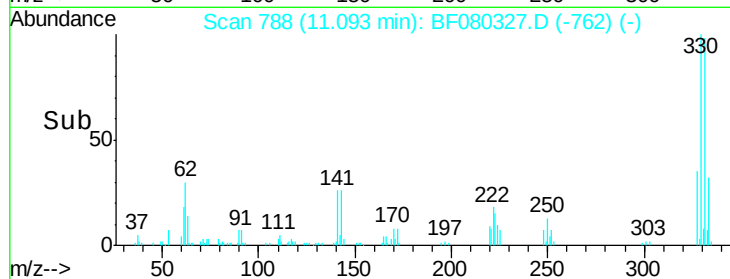
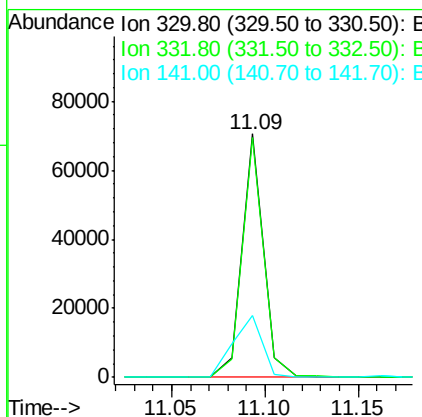
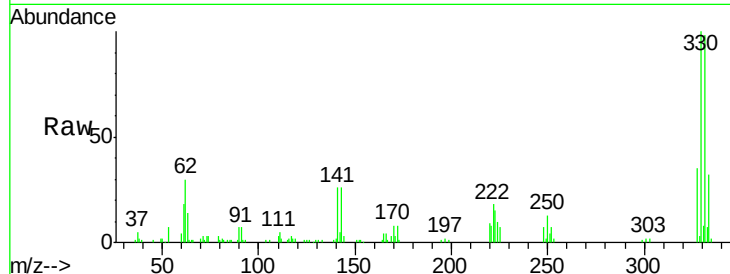
#41
 2,4,6-Tribromophenol
 Concen: 91.81 ng
 RT: 11.09 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

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

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

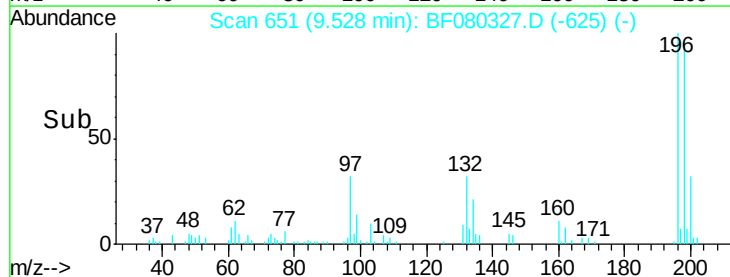
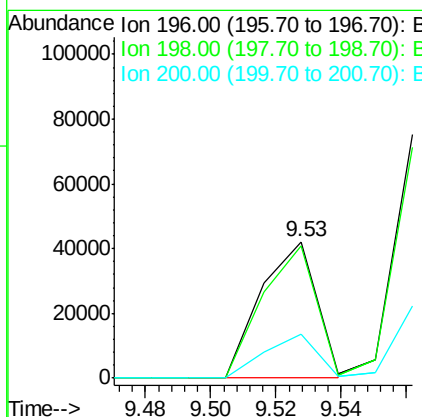
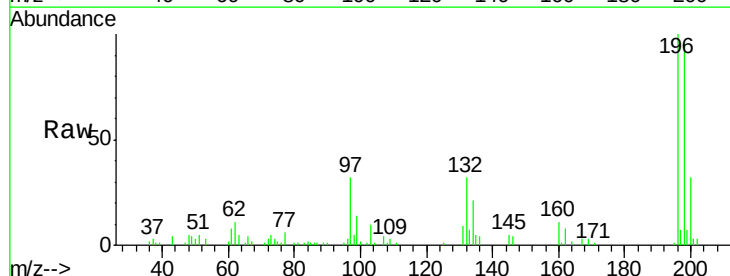
Manual Integrations
 APPROVED

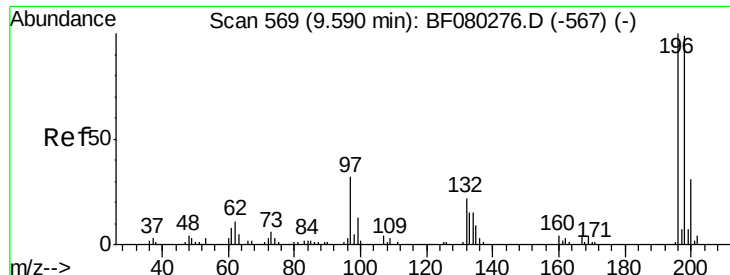
apatel
 7/6/2015 3:41:02 PM



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

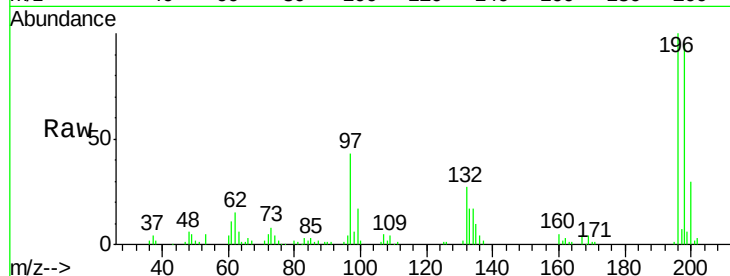
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	50022		
198	96.4	77.7	116.5	
200	32.0	25.6	38.4	





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

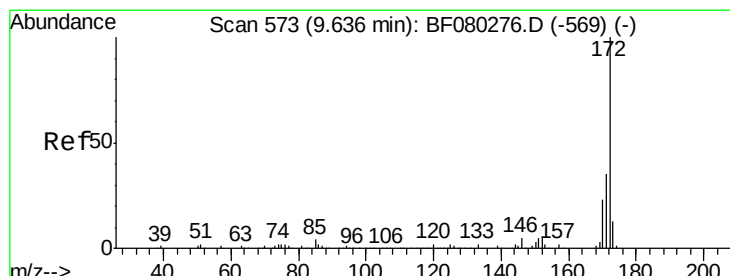
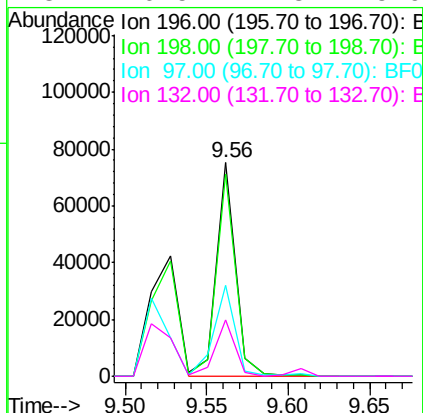
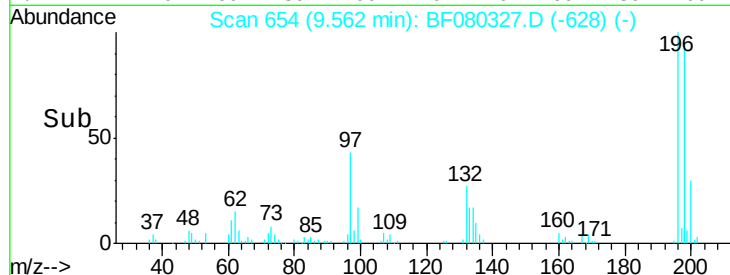
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03-S-UM



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

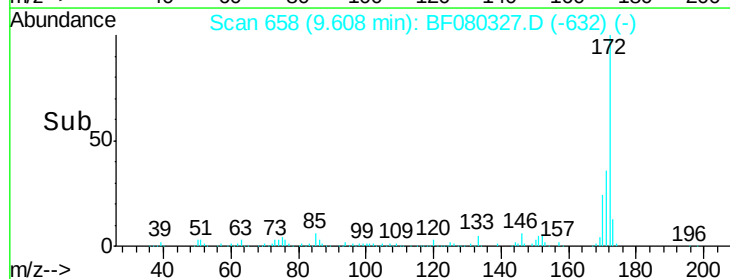
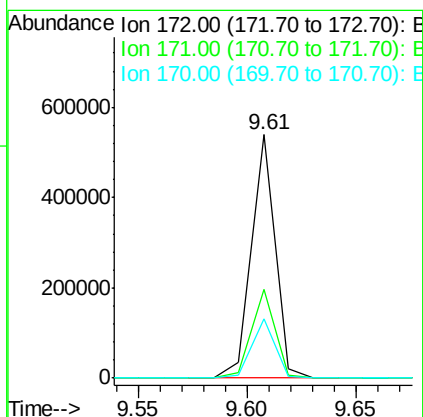
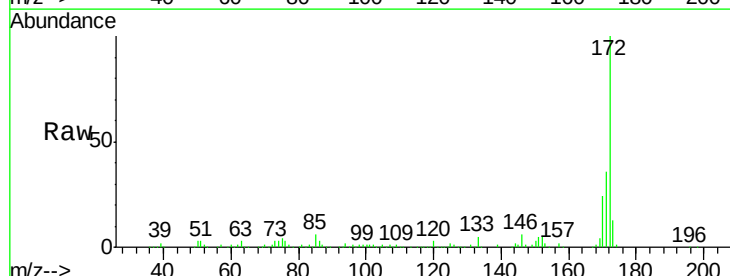
Manual Integrations
 APPROVED

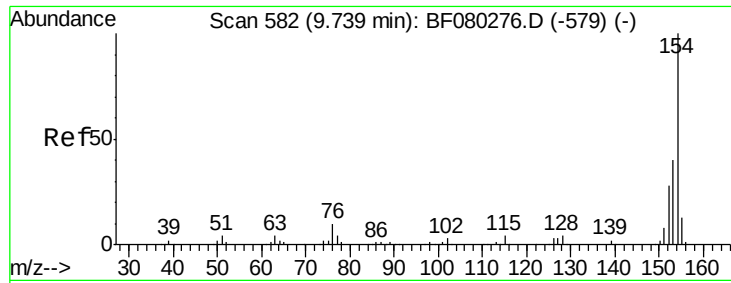
apatel
 7/6/2015 3:41:02 PM



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

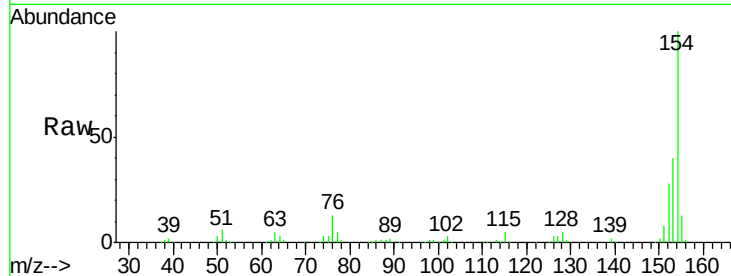
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	407385		
171	36.3	28.1	42.1	
170	24.2	18.6	28.0	





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

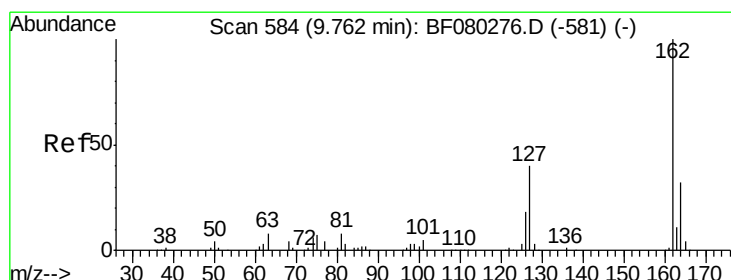
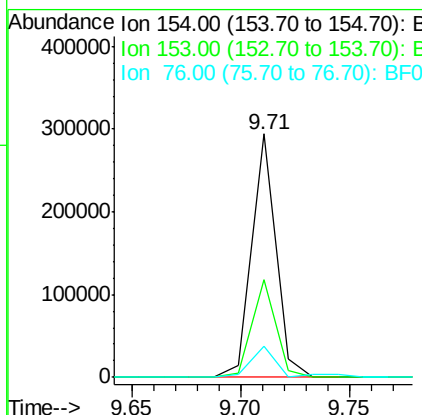
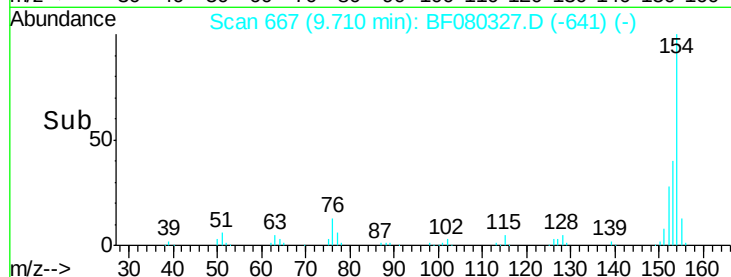
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03-S-UM



Tgt Ion	Ratio	Resp	Lower	Upper
154	100	226572		
153	39.9	20.3	60.3	
76	12.7	0.0	30.3	

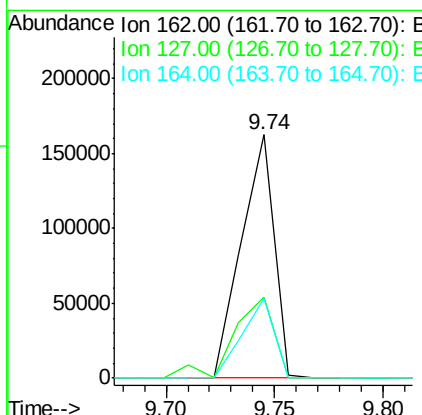
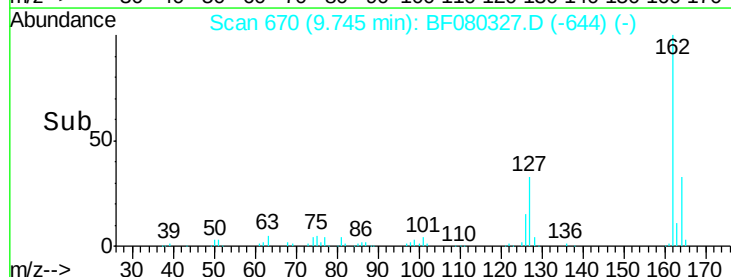
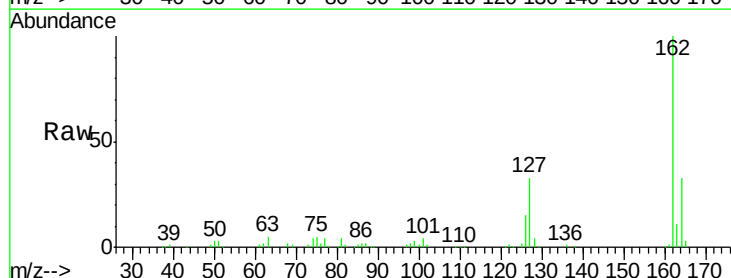
Manual Integrations
 APPROVED

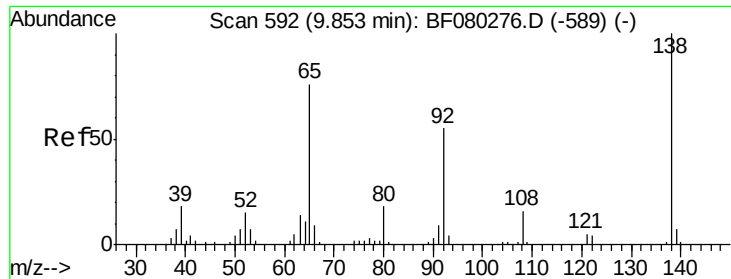
apatel
 7/6/2015 3:41:02 PM



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

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	169032		
127	33.3	33.4	50.0#	
164	32.9	25.3	37.9	





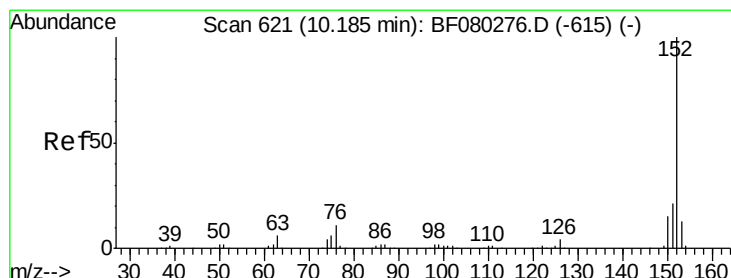
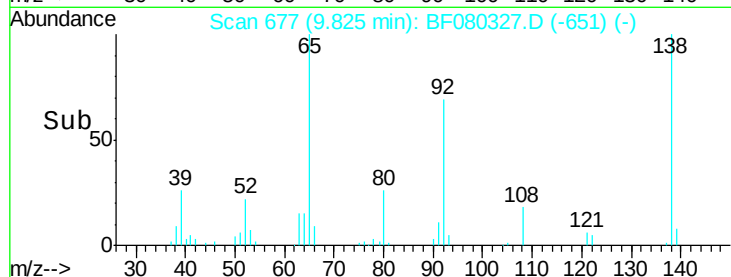
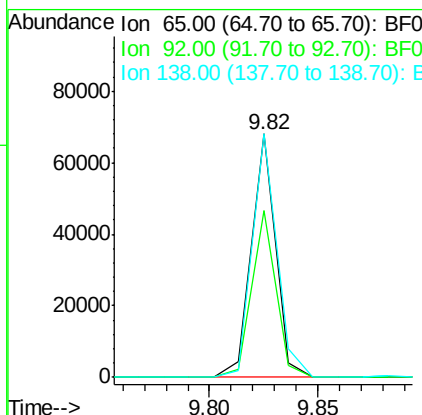
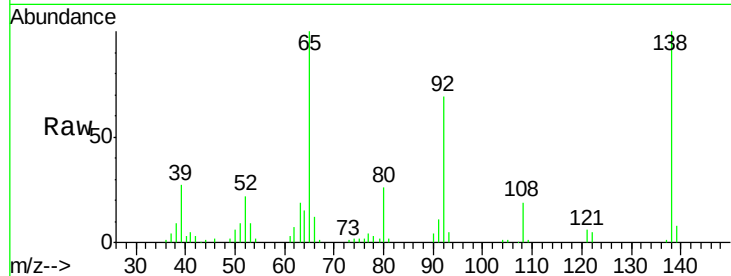
#47
 2-Nitroaniline
 Concen: 42.62 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

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

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

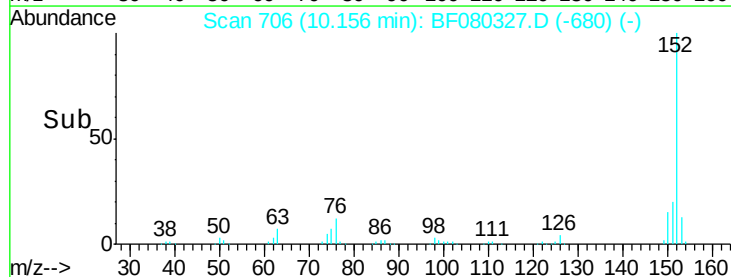
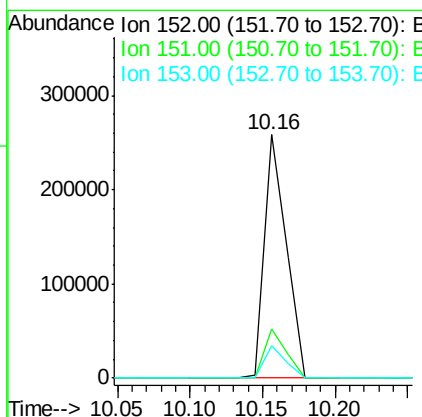
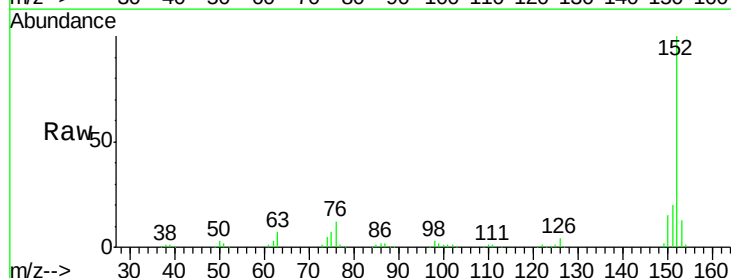
Manual Integrations
 APPROVED

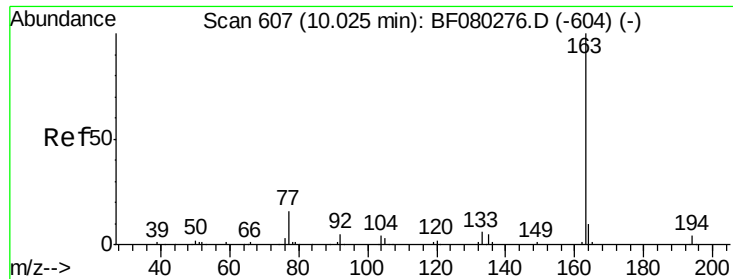
apatel
 7/6/2015 3:41:02 PM



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

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





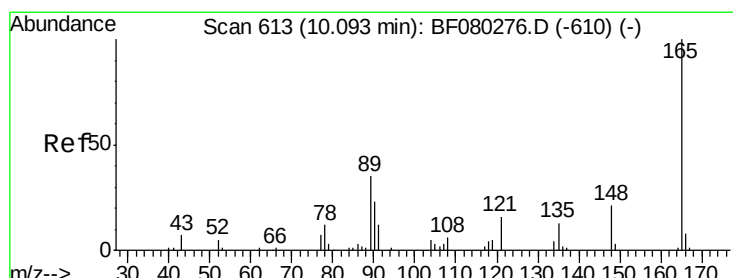
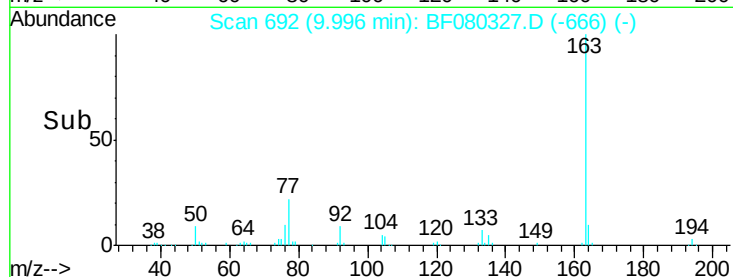
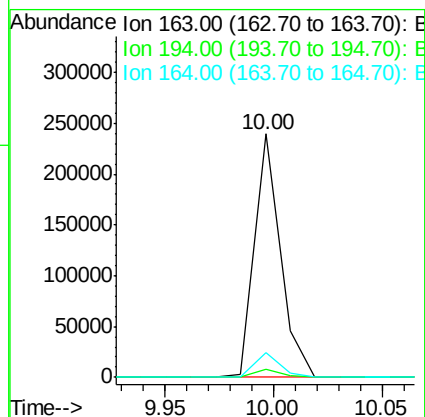
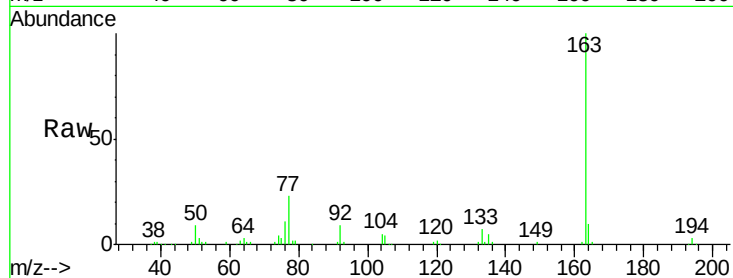
#49
Dimethylphthalate
Concen: 39.93 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

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

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

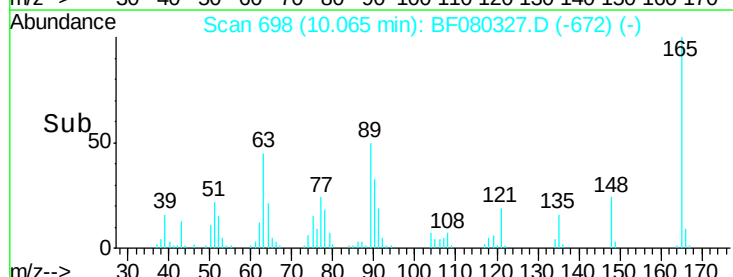
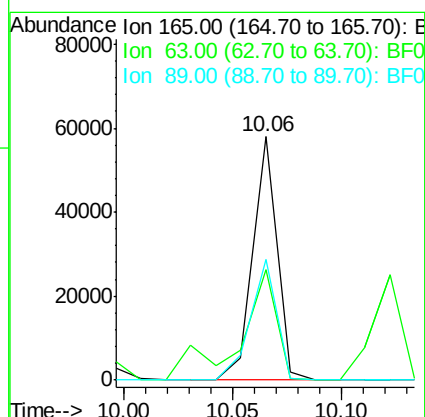
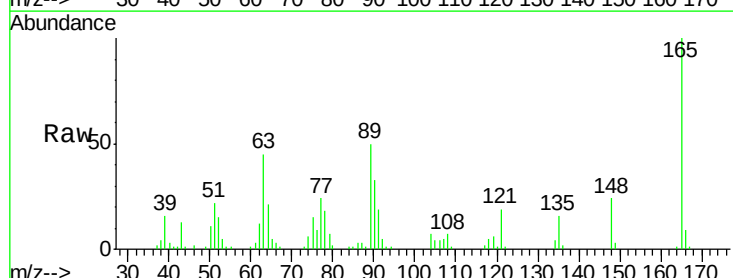
Manual Integrations
APPROVED

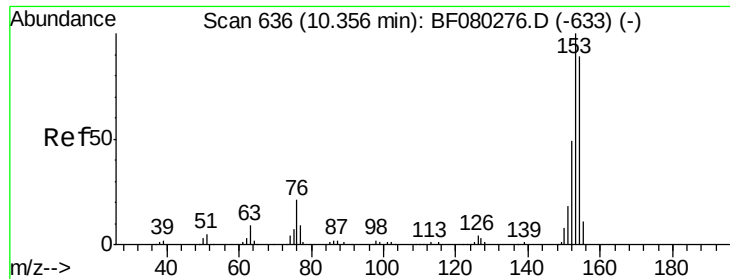
apatel
7/6/2015 3:41:02 PM



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

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





#51

Acenaphthene

Concen: 40.43 ng

RT: 10.34 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF080327.D

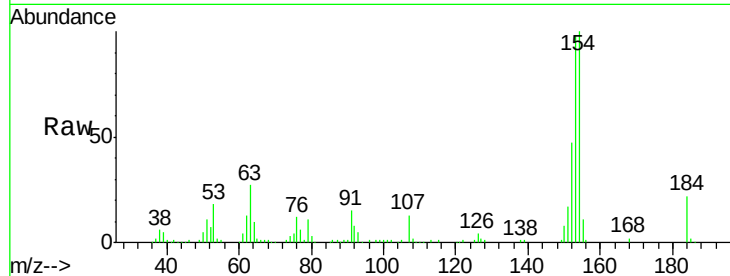
Acq: 3 Jul 2015 6:35

Instrument :

BNA_F

ClientSampleId :

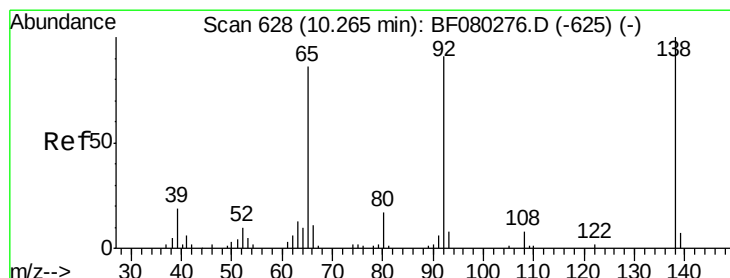
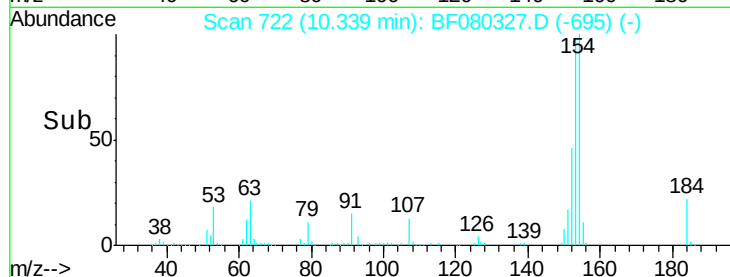
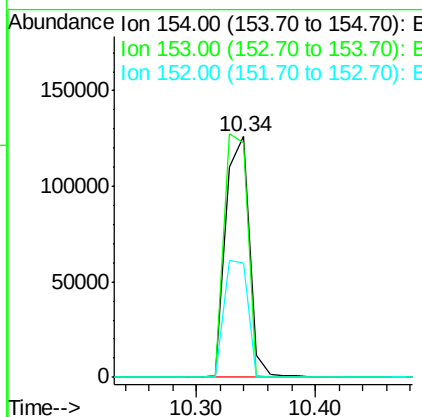
IDOC-03-S-UM



Tgt Ion	Ratio	Lower	Upper
154	100		
153	97.5	90.4	135.6
152	47.4	43.9	65.9

Manual Integrations
APPROVED

apatel
7/6/2015 3:41:02 PM



#52

3-Nitroaniline

Concen: 30.76 ng

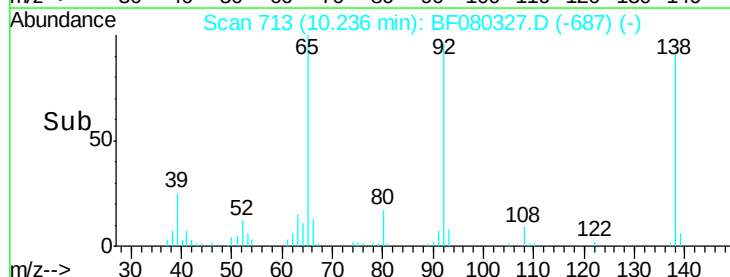
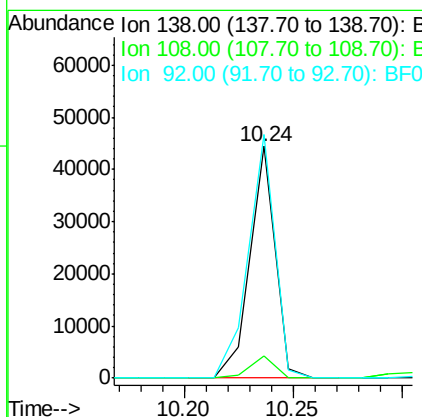
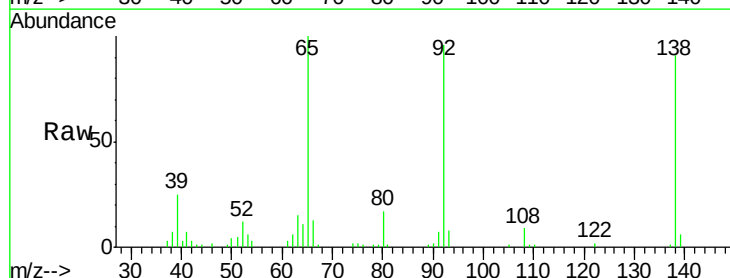
RT: 10.24 min Scan# 713

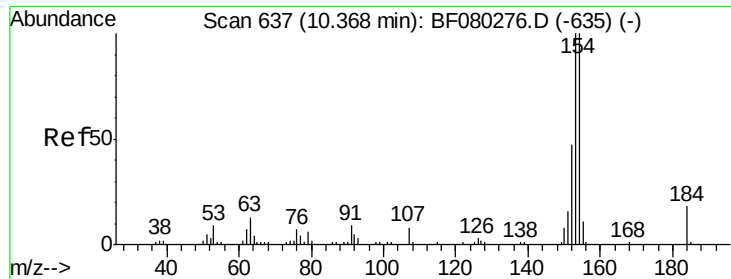
Delta R.T. 0.00 min

Lab File: BF080327.D

Acq: 3 Jul 2015 6:35

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.7	6.7	10.1
92	105.1	72.6	109.0





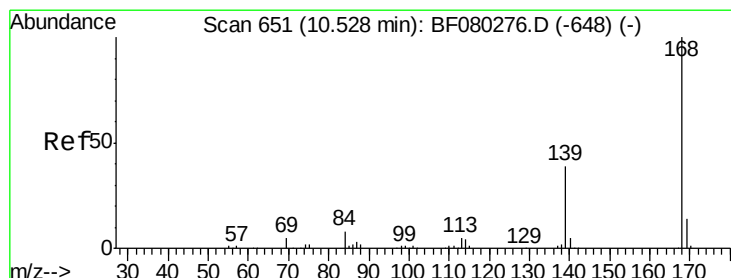
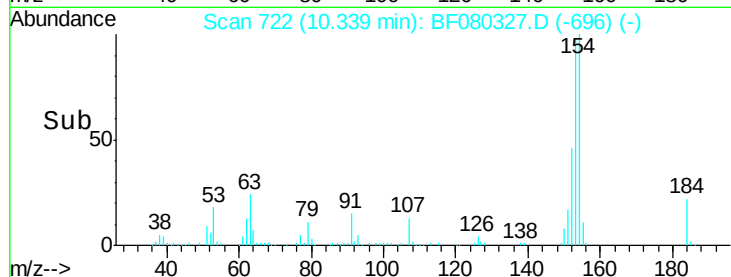
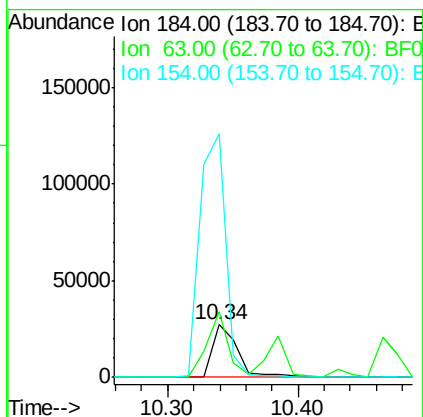
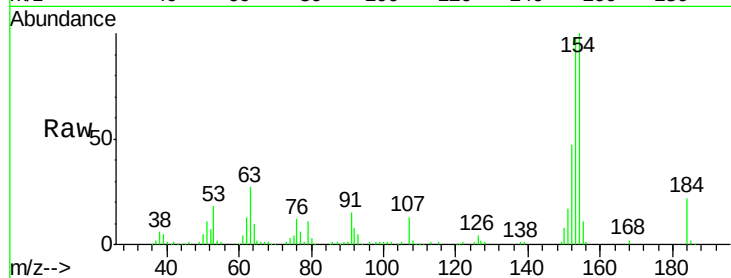
#53
2,4-Dinitrophenol
Concen: 85.15 ng
RT: 10.34 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

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

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

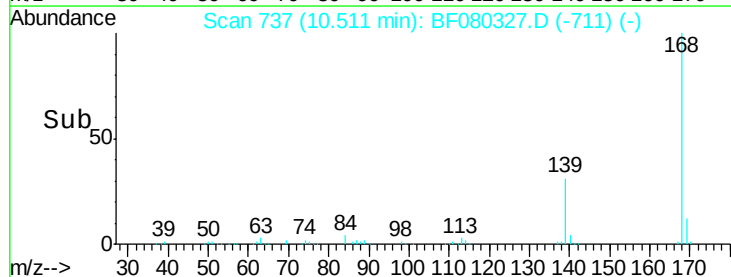
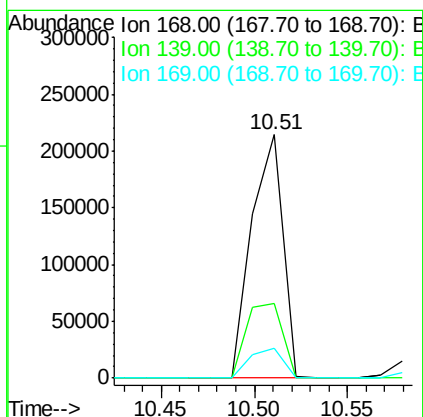
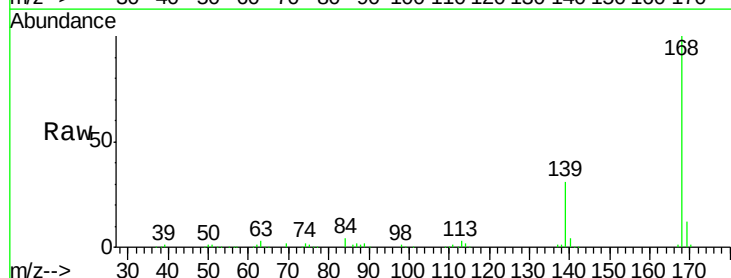
Manual Integrations
APPROVED

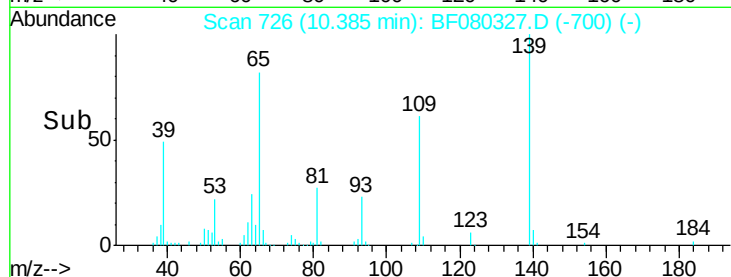
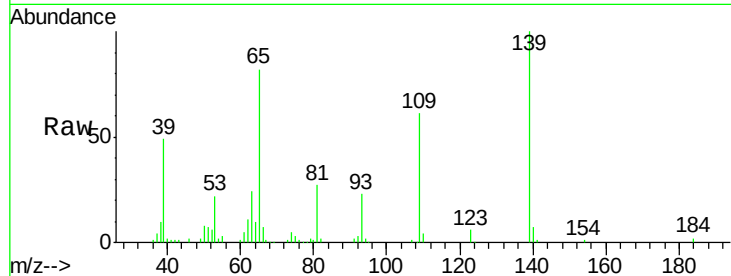
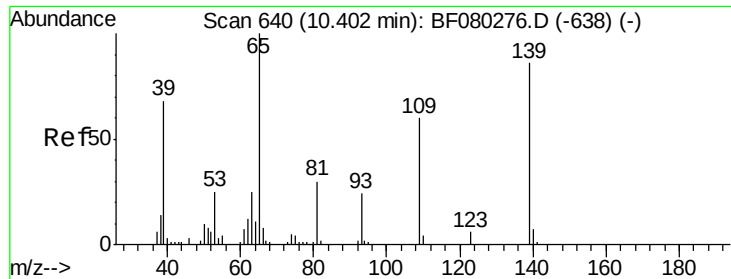
apatel
7/6/2015 3:41:02 PM



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

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





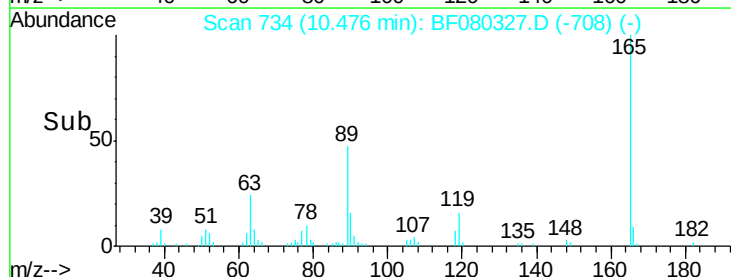
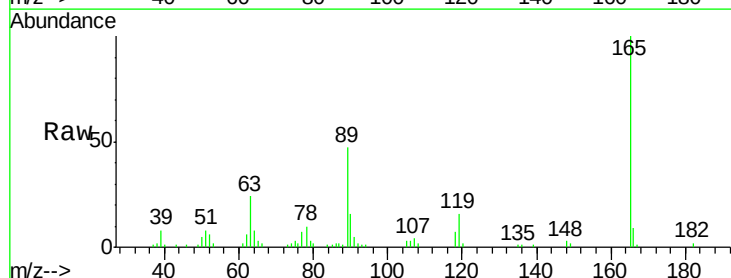
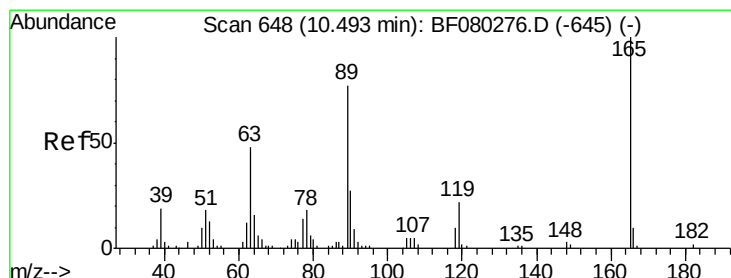
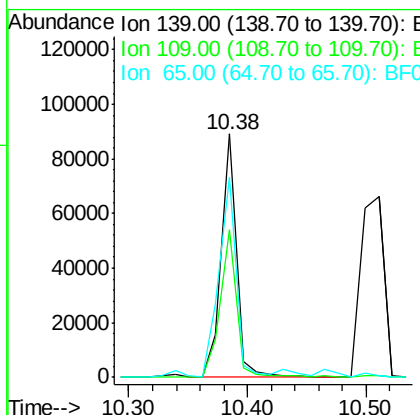
#55
4-Nitrophenol
Concen: 92.11 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	79123		
109	60.9	50.2	90.2	
65	82.4	96.7	136.7	

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

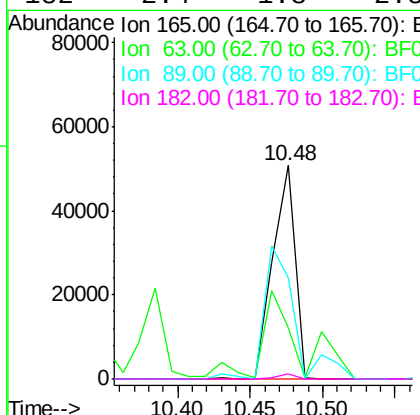
Manual Integrations
APPROVED

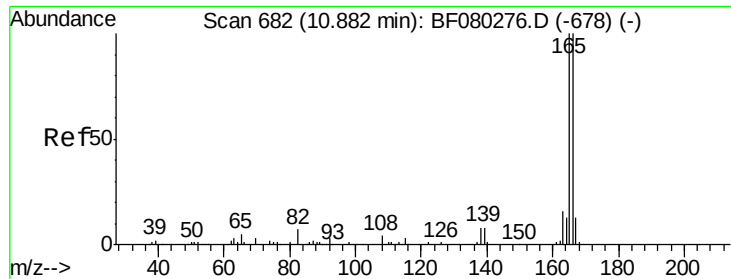
apatel
7/6/2015 3:41:02 PM



#56
2,4-Dinitrotoluene
Concen: 41.36 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	54330		
63	23.9	38.7	58.1	#
89	47.2	62.0	93.0	#
182	2.4	1.8	2.8	





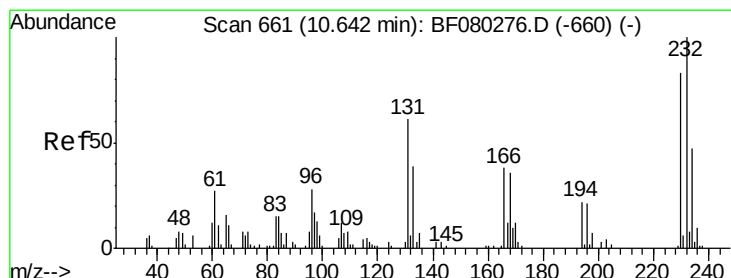
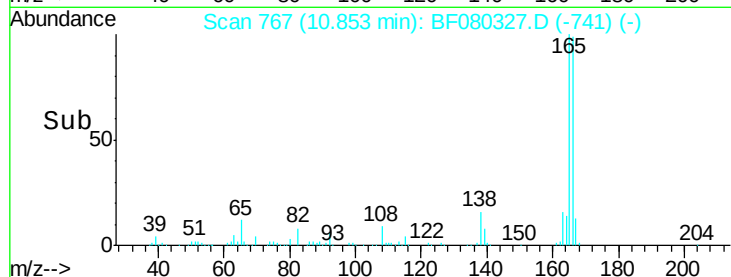
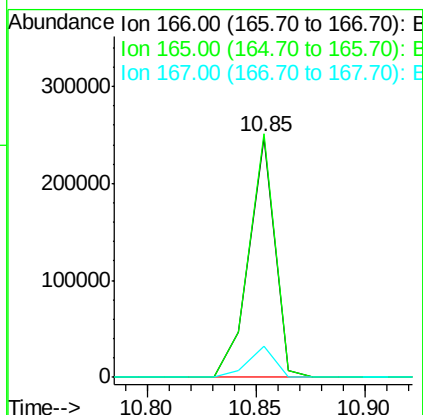
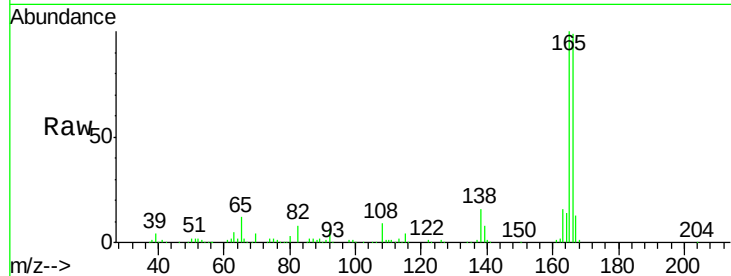
#57
 Fluorene
 Concen: 41.35 ng
 RT: 10.85 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

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

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	101.4	79.9	119.9	
167	13.0	10.3	15.5	

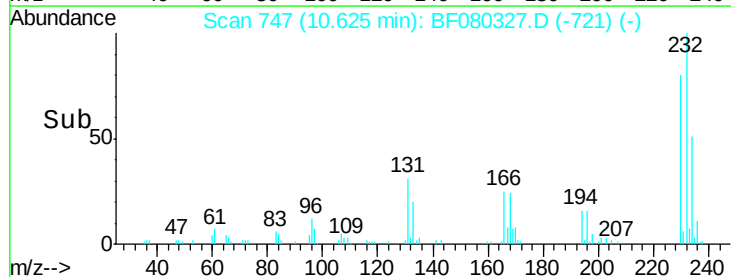
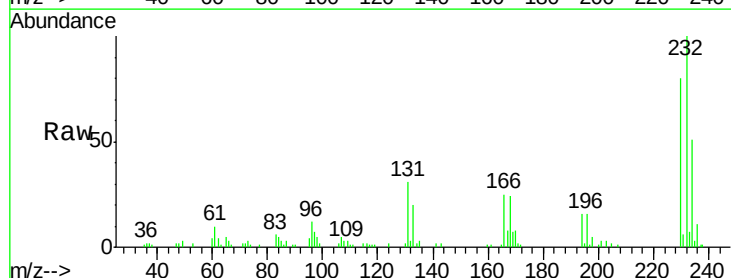
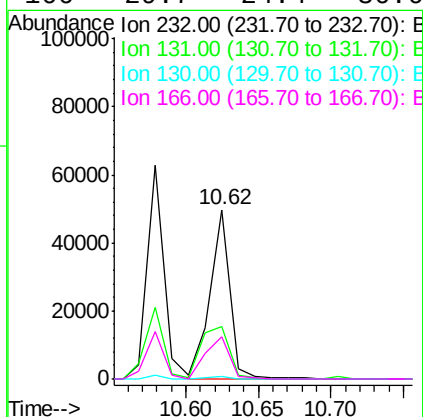
Manual Integrations
 APPROVED

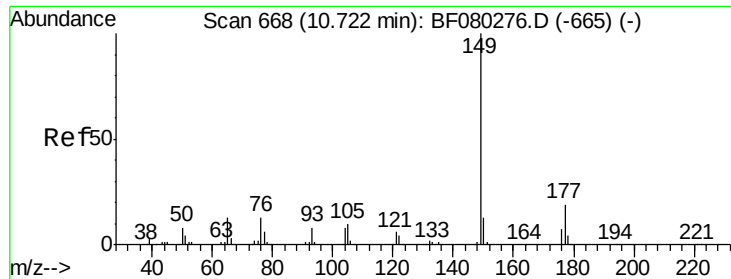
apatel
 7/6/2015 3:41:02 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.88 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	43.2	37.0	55.6	
130	2.0	1.5	2.3	
166	29.7	24.4	36.6	





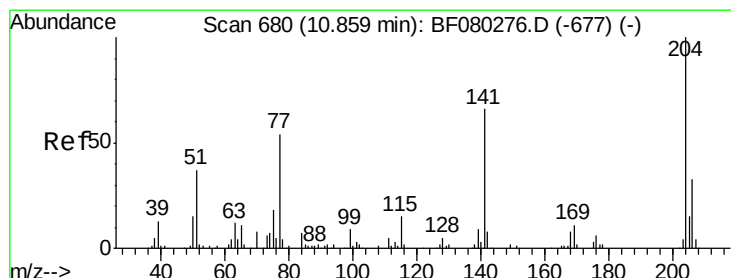
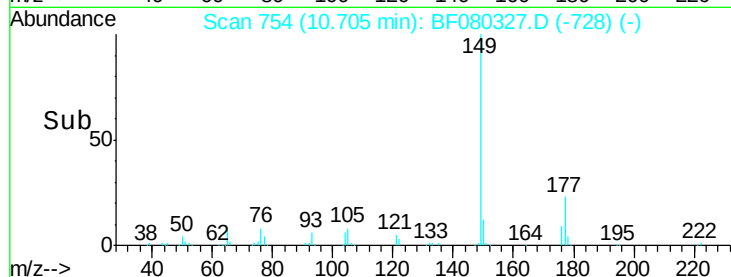
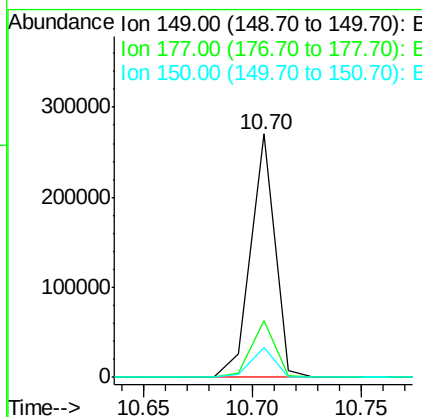
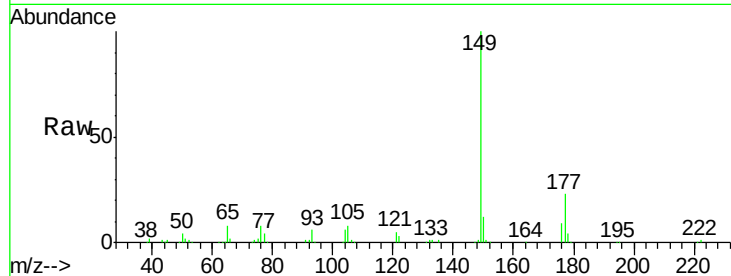
#59
Diethylphthalate
Concen: 44.27 ng
RT: 10.70 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

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

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

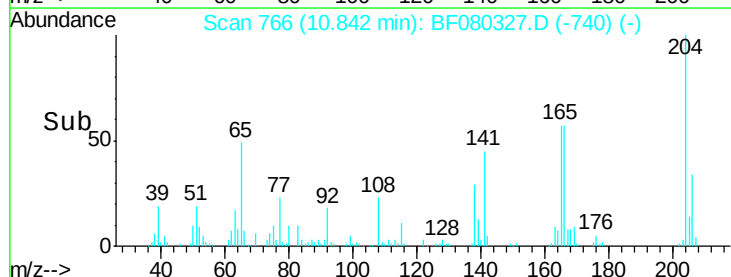
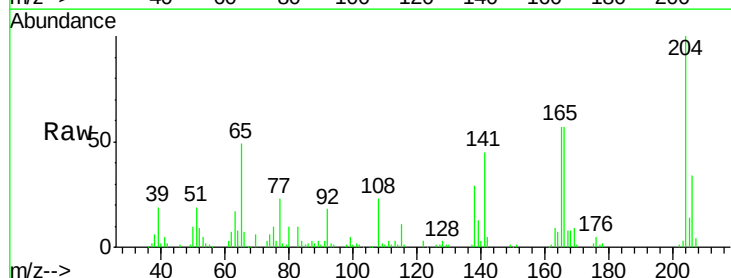
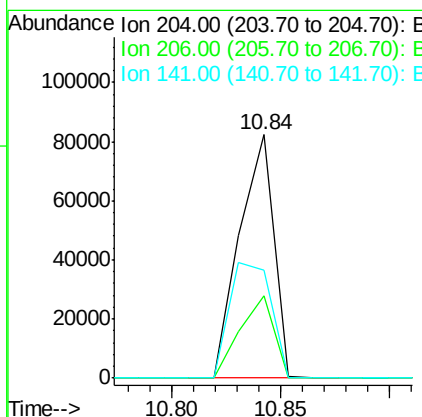
Manual Integrations
APPROVED

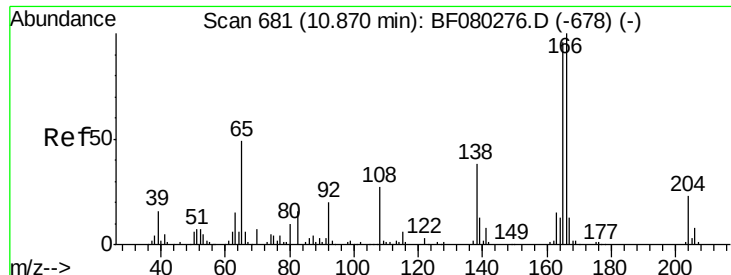
apatel
7/6/2015 3:41:02 PM



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

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





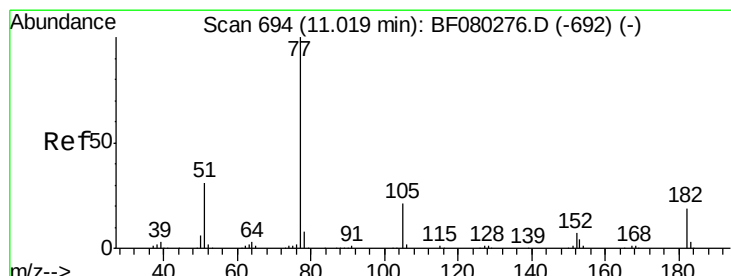
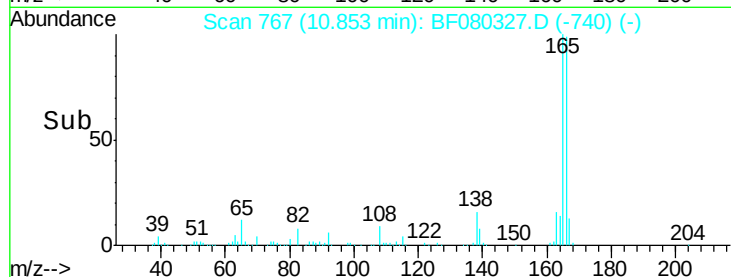
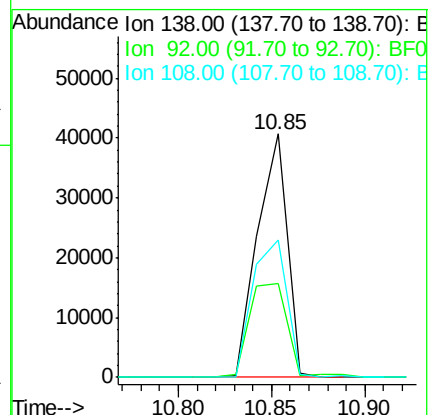
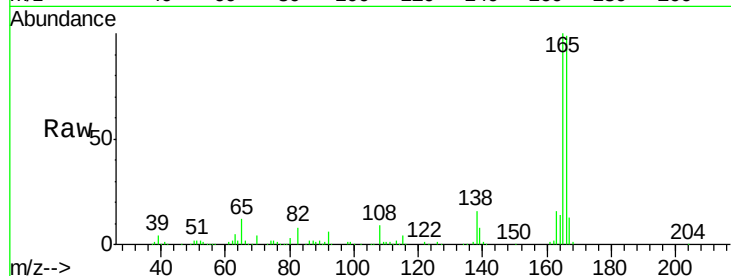
#61
4-Nitroaniline
Concen: 37.97 ng
RT: 10.85 min Scan# 767
Delta R.T. 0.01 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

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

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

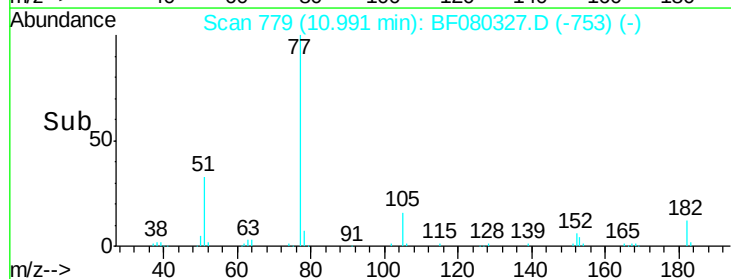
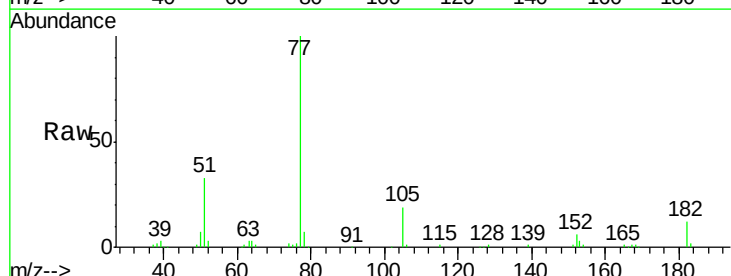
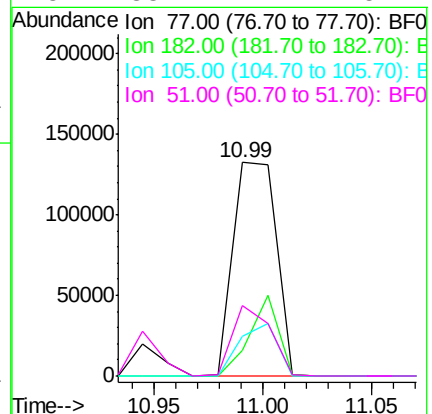
Manual Integrations
APPROVED

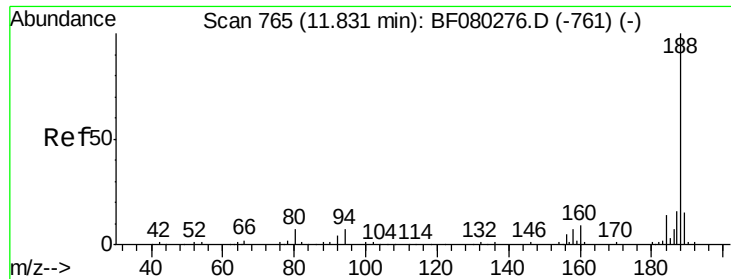
apatel
7/6/2015 3:41:02 PM



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

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





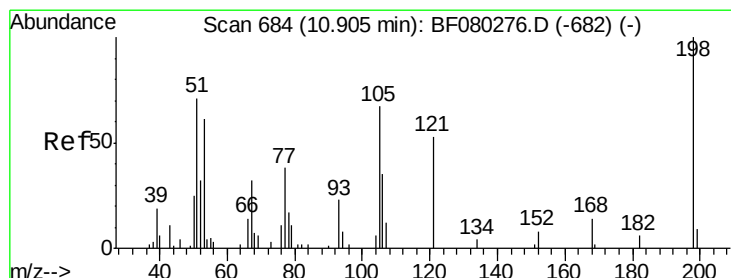
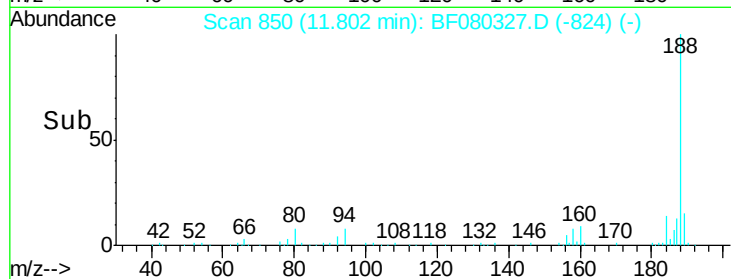
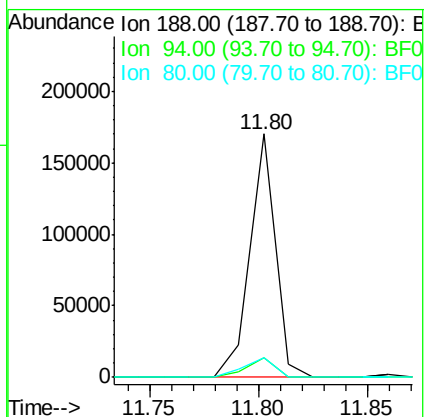
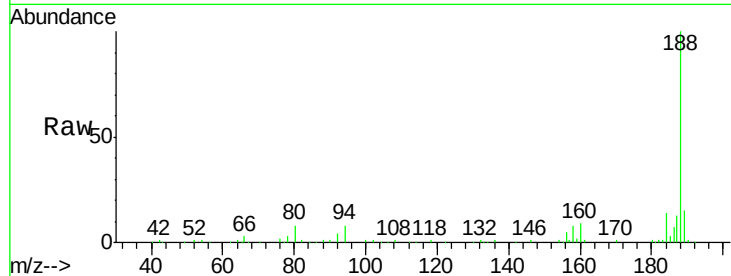
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.80 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

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

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

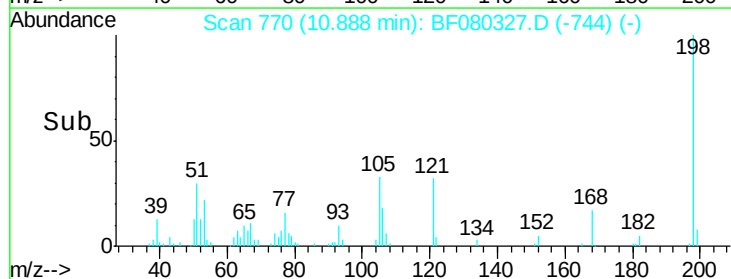
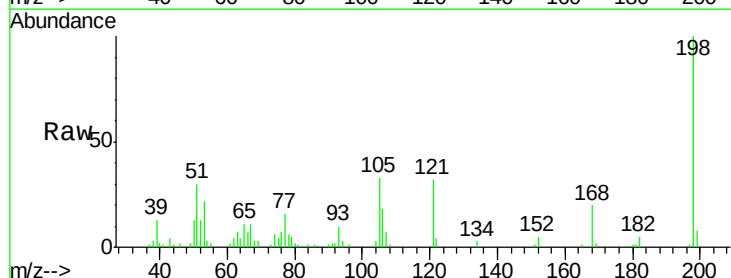
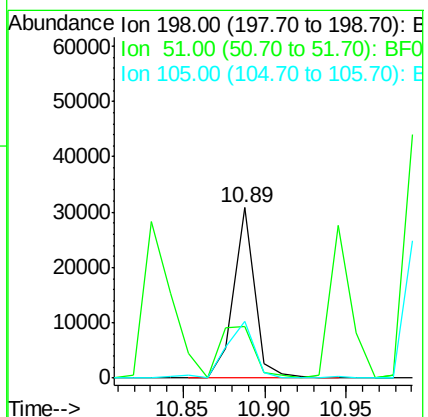
Manual Integrations
APPROVED

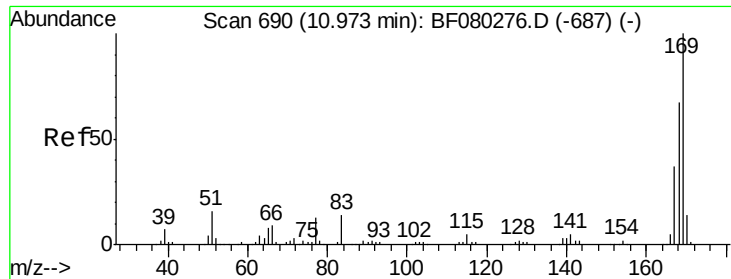
apatel
7/6/2015 3:41:02 PM



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

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





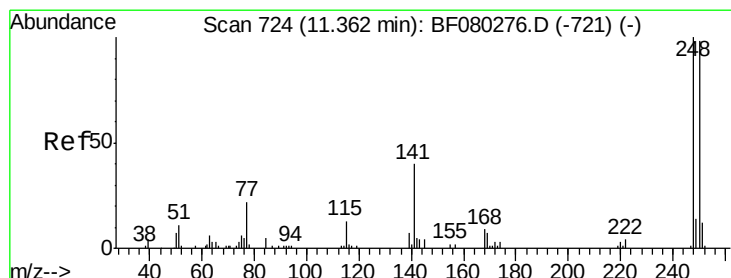
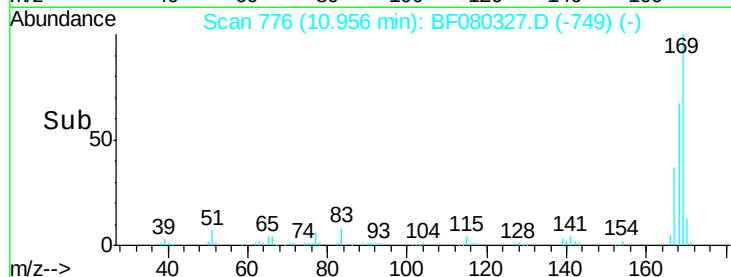
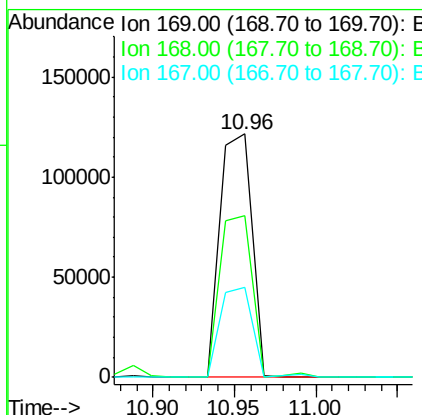
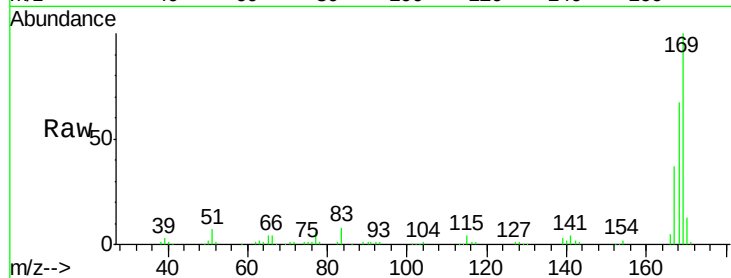
#65
 n-Nitrosodiphenylamine
 Concen: 35.91 ng
 RT: 10.96 min Scan# 776
 Delta R.T. 0.01 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

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

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

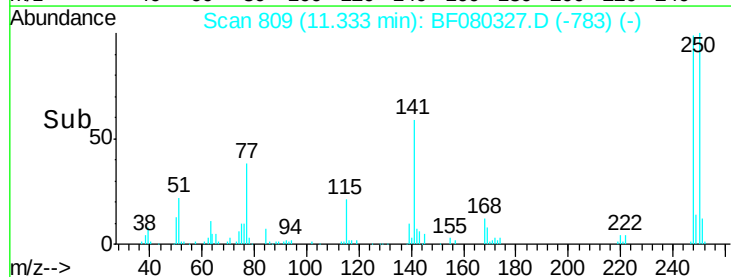
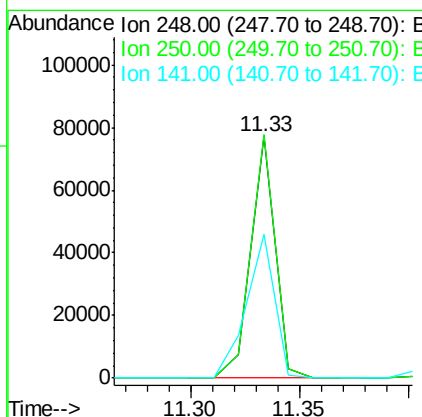
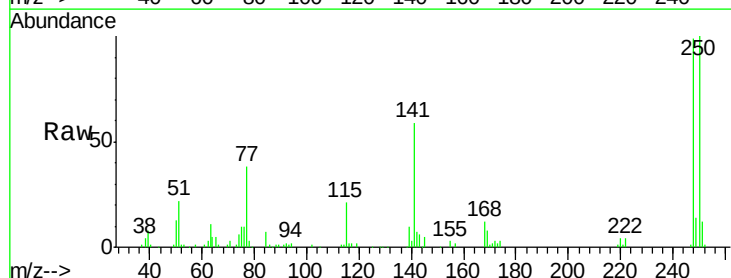
Manual Integrations
 APPROVED

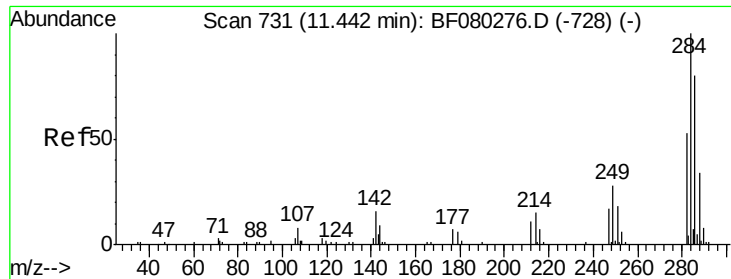
apatel
 7/6/2015 3:41:02 PM



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

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





#67

Hexachlorobenzene

Concen: 39.72 ng

RT: 11.41 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF080327.D

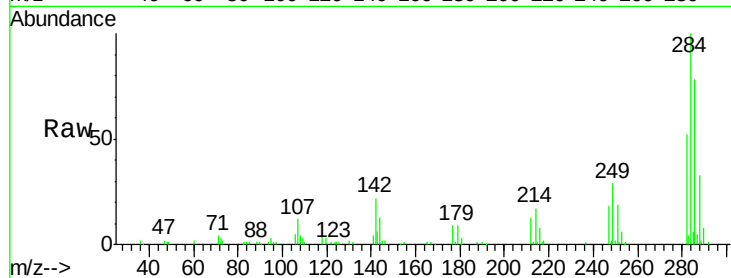
Acq: 3 Jul 2015 6:35

Instrument :

BNA_F

ClientSampleId :

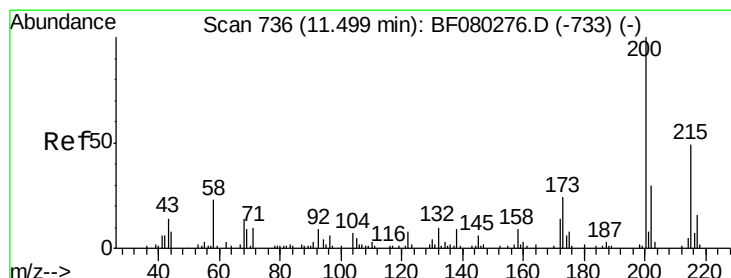
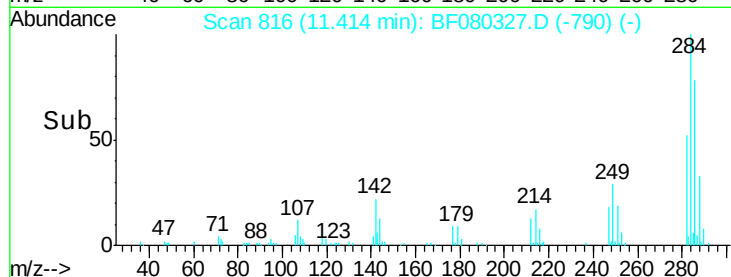
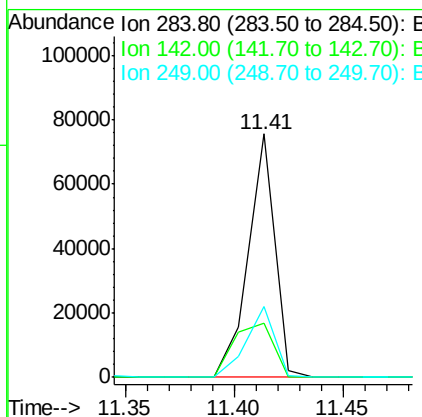
IDOC-03-S-UM



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

Manual Integrations
APPROVED

apatel
7/6/2015 3:41:02 PM



#68

Atrazine

Concen: 40.60 ng

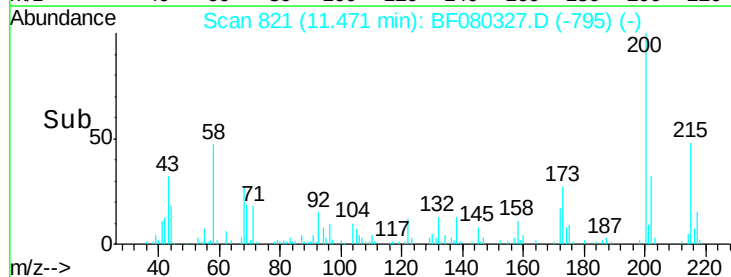
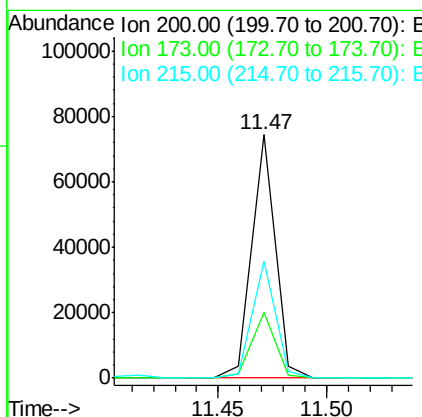
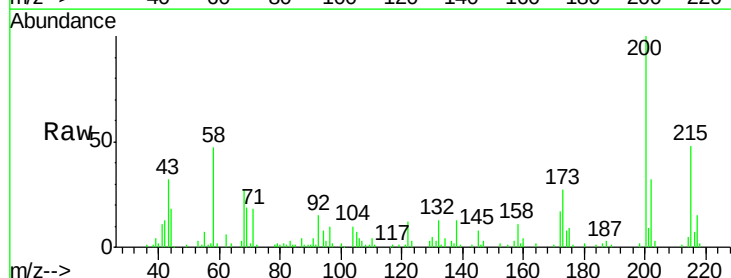
RT: 11.47 min Scan# 821

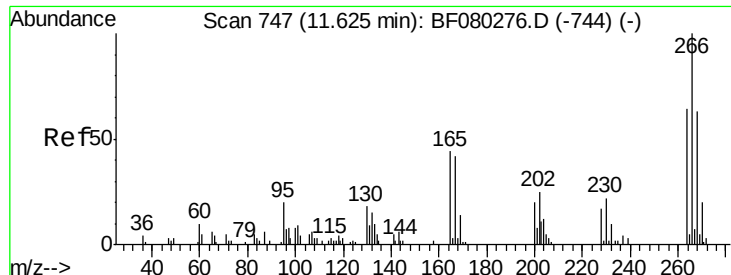
Delta R.T. 0.00 min

Lab File: BF080327.D

Acq: 3 Jul 2015 6:35

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





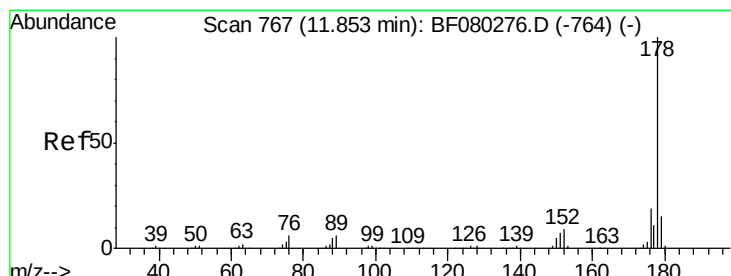
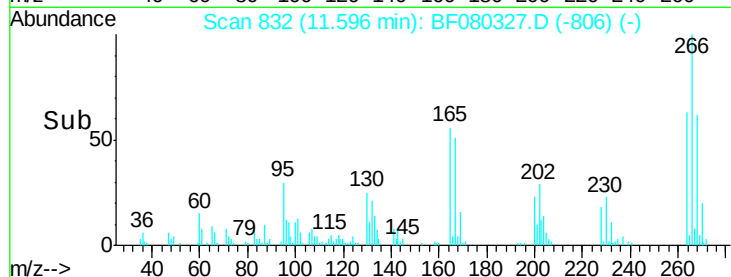
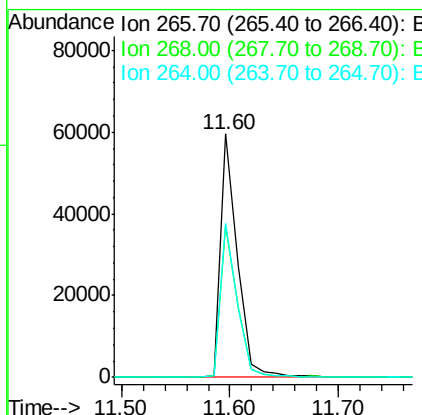
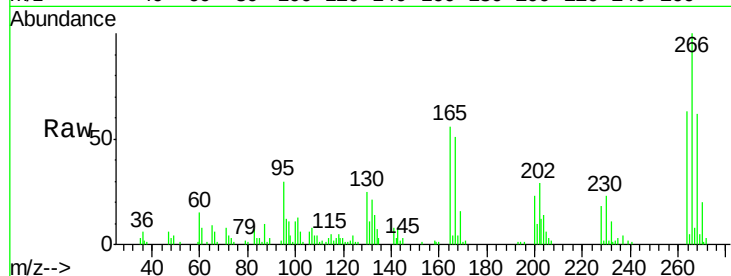
#69
 Pentachlorophenol
 Concen: 74.22 ng
 RT: 11.60 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

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

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

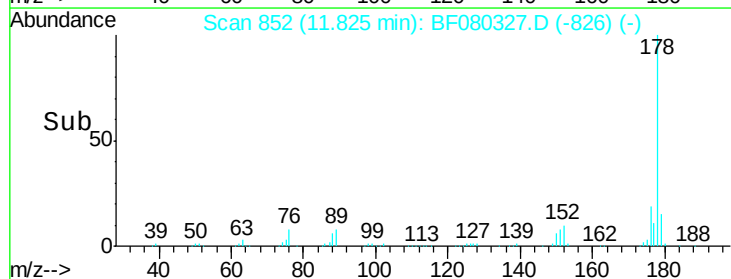
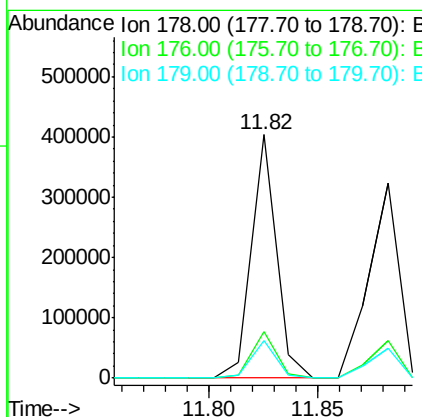
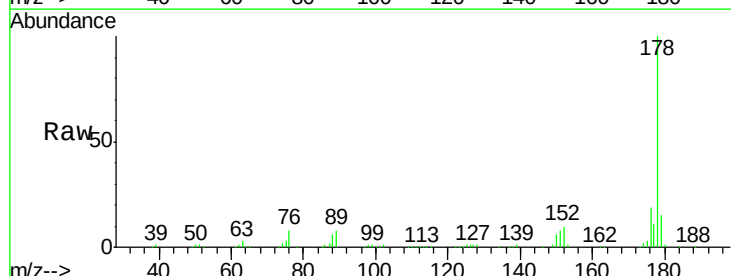
Manual Integrations
 APPROVED

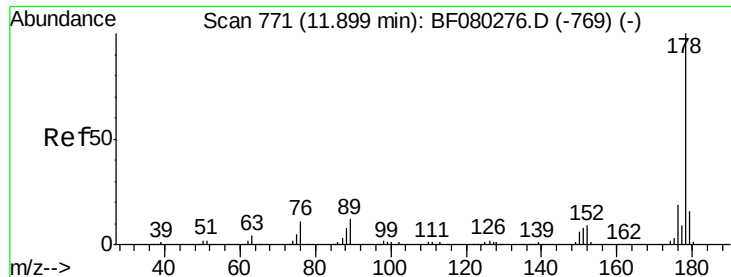
apatel
 7/6/2015 3:41:02 PM



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

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	323880		
176	19.4	15.6	23.4	
179	15.4	12.2	18.2	





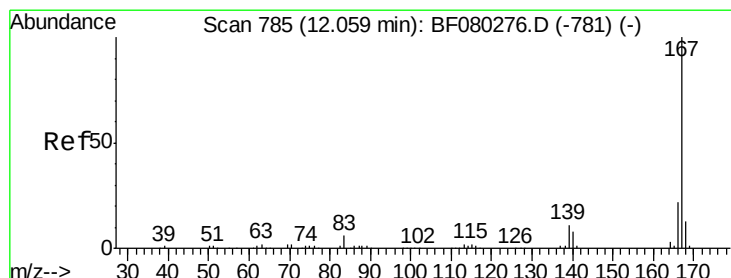
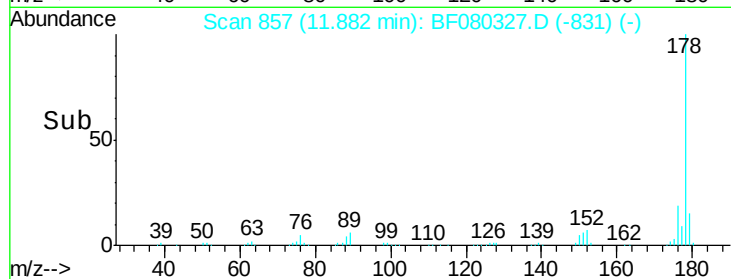
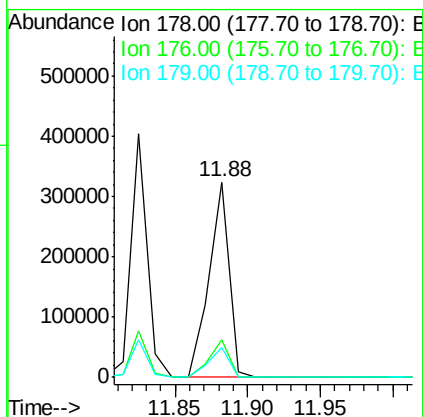
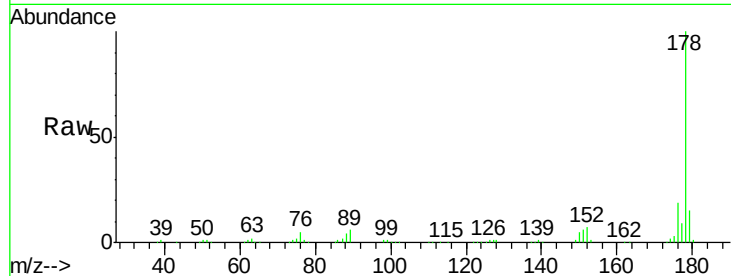
#71
 Anthracene
 Concen: 39.19 ng
 RT: 11.88 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

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

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

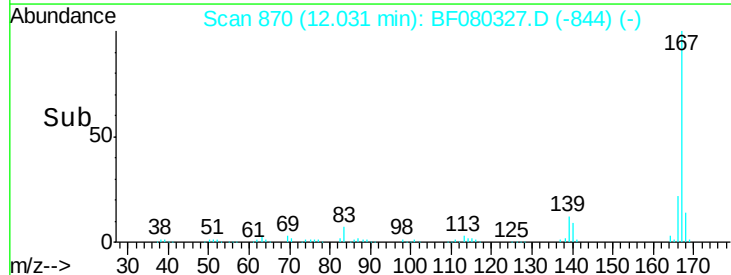
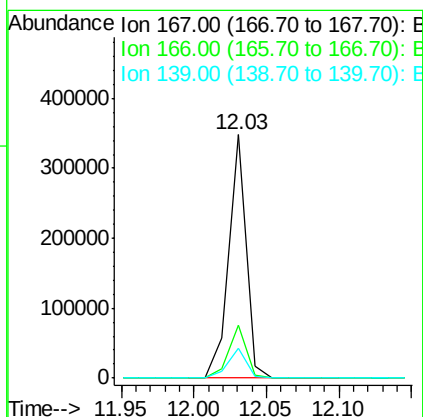
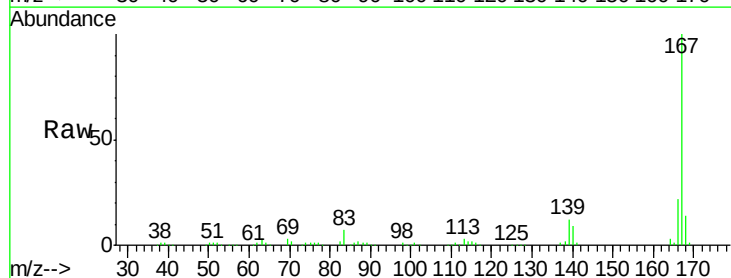
Manual Integrations
 APPROVED

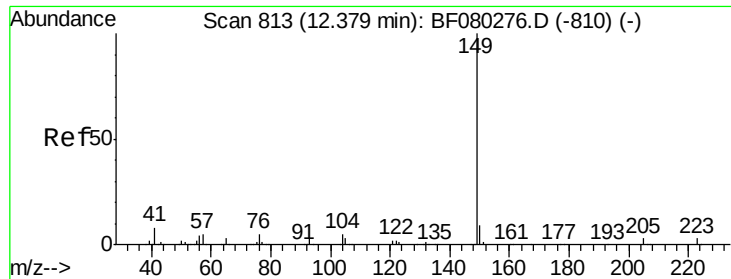
apatel
 7/6/2015 3:41:02 PM



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

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





#73

Di-n-butylphthalate

Concen: 39.50 ng

RT: 12.36 min Scan# 899

Delta R.T. 0.01 min

Lab File: BF080327.D

Acq: 3 Jul 2015 6:35

Instrument :

BNA_F

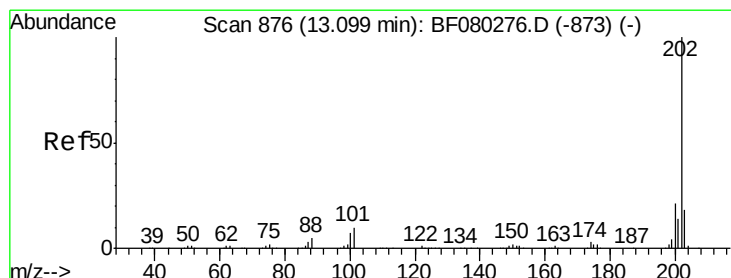
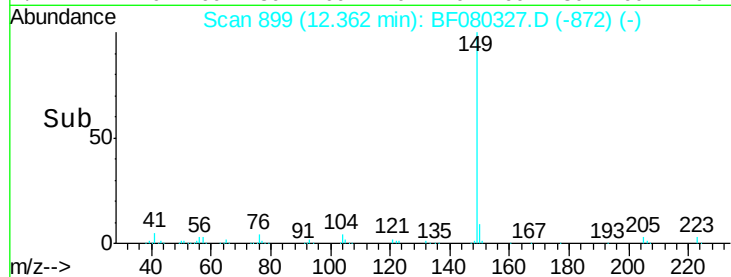
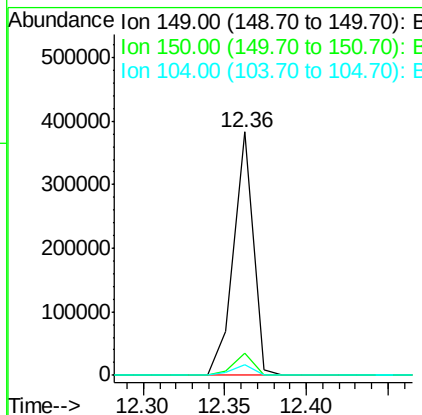
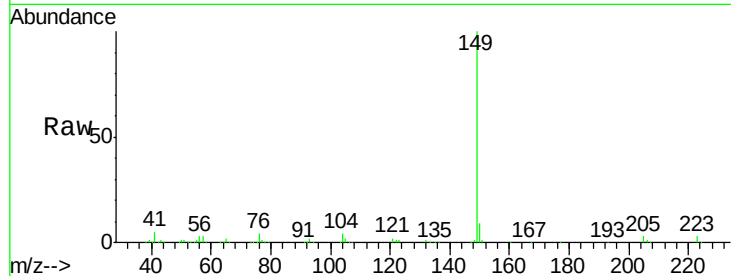
ClientSampleId :

IDOC-03-S-UM

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

Manual Integrations
APPROVED

apatel
7/6/2015 3:41:02 PM



#74

Fluoranthene

Concen: 39.52 ng

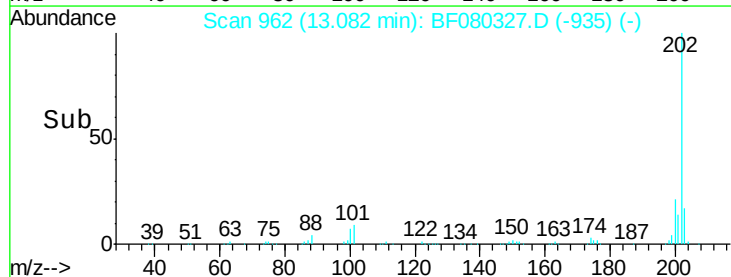
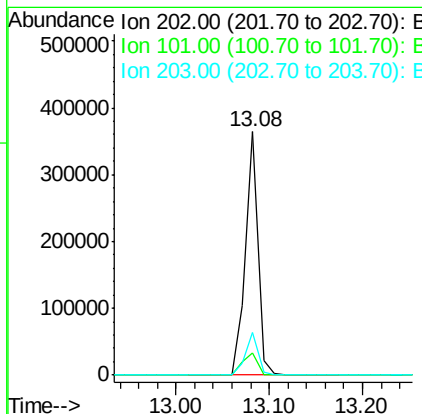
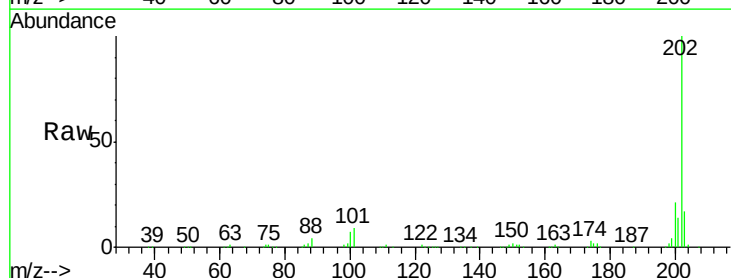
RT: 13.08 min Scan# 962

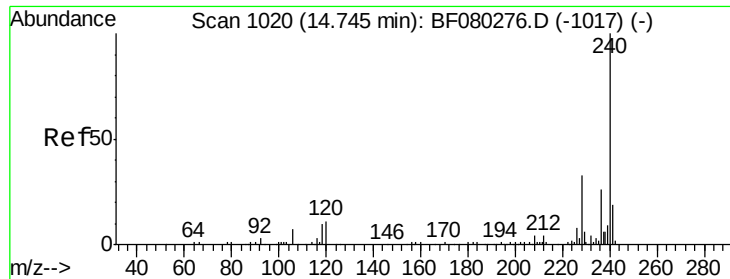
Delta R.T. 0.01 min

Lab File: BF080327.D

Acq: 3 Jul 2015 6:35

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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.75 min Scan# 1108

Delta R.T. 0.03 min

Lab File: BF080327.D

Acq: 3 Jul 2015 6:35

Instrument :

BNA_F

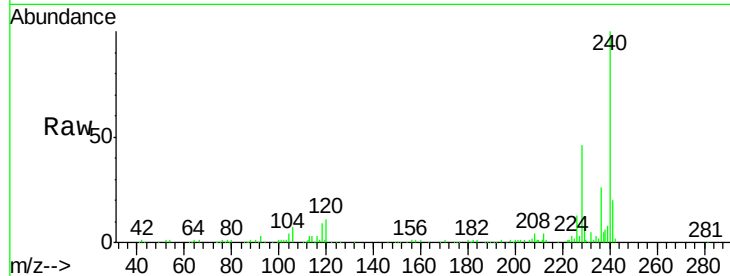
ClientSampleId :

IDOC-03-S-UM

Tgt Ion:	240	Resp:	152240
Ion Ratio	Lower	Upper	
240	100		
120	11.2	8.7	13.1
236	25.7	20.9	31.3

Manual Integrations
APPROVED

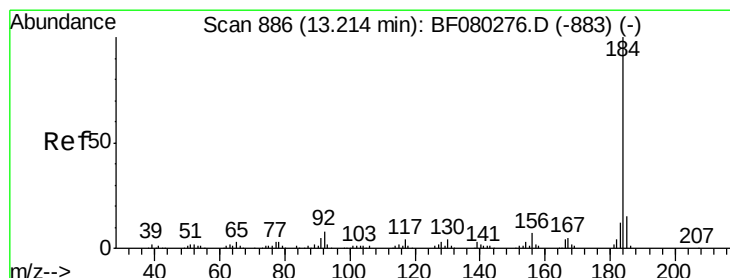
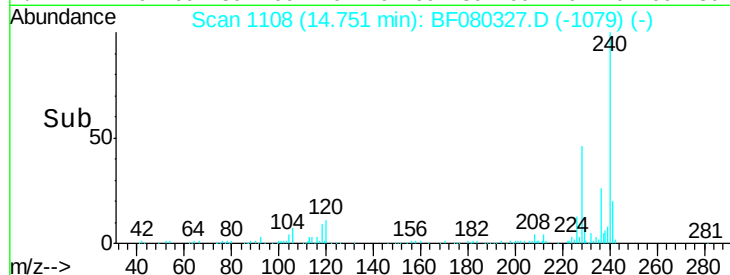
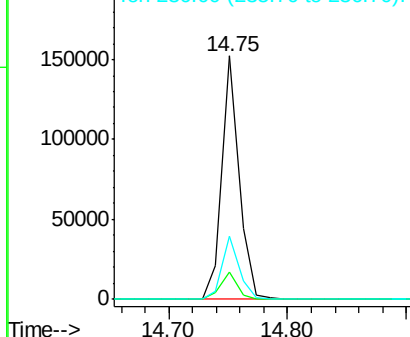
apatel
7/6/2015 3:41:02 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.83 ng

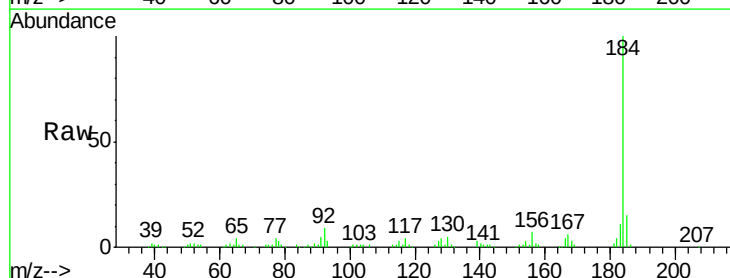
RT: 13.20 min Scan# 972

Delta R.T. 0.01 min

Lab File: BF080327.D

Acq: 3 Jul 2015 6:35

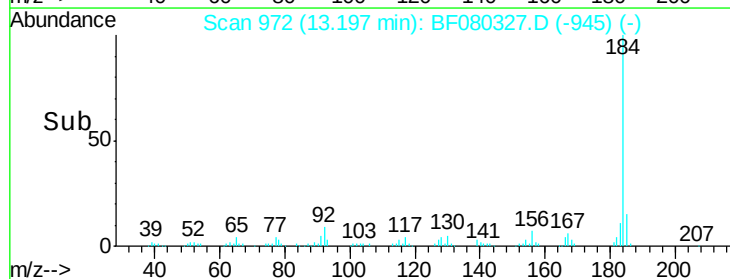
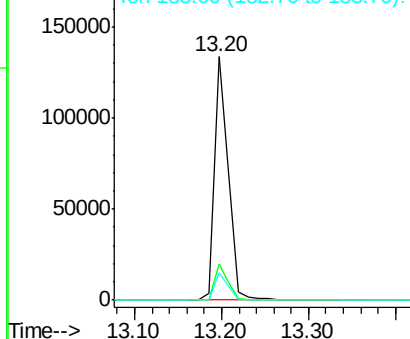
Tgt Ion:	184	Resp:	150802
Ion Ratio	Lower	Upper	
184	100		
185	15.0	11.8	17.6
183	11.3	9.4	14.0

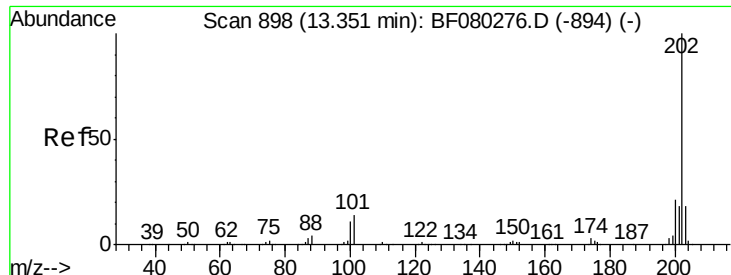


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





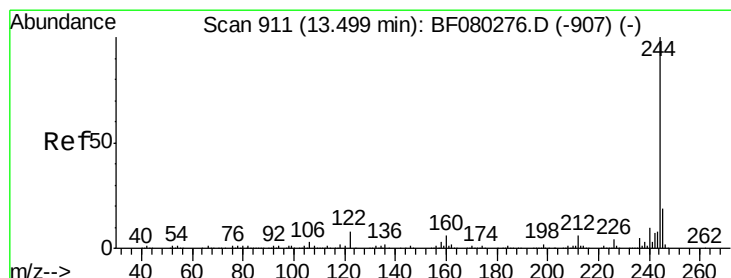
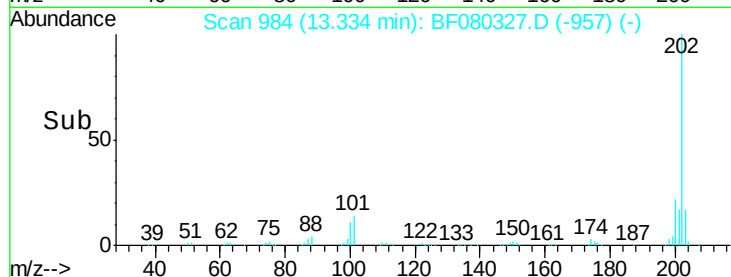
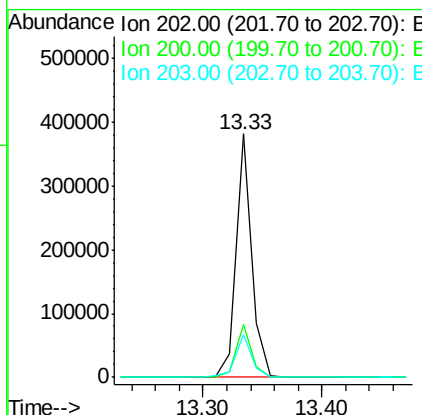
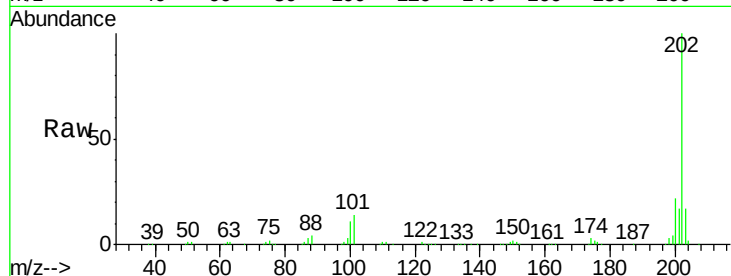
#77
 Pyrene
 Concen: 36.01 ng
 RT: 13.33 min Scan# 984
 Delta R.T. 0.01 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

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

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

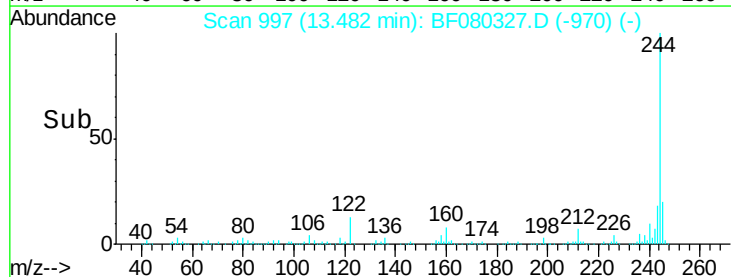
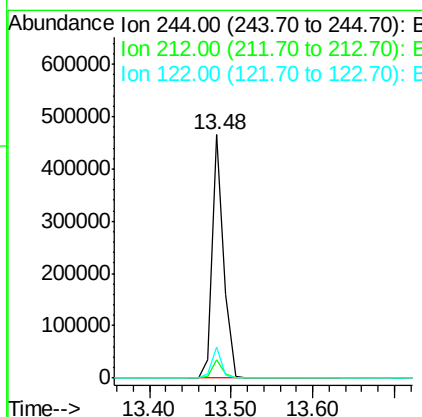
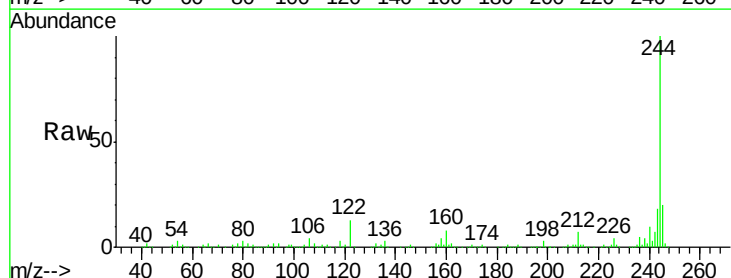
Manual Integrations
 APPROVED

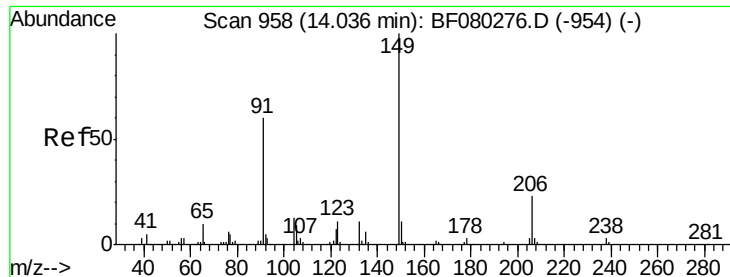
apatel
 7/6/2015 3:41:02 PM



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

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





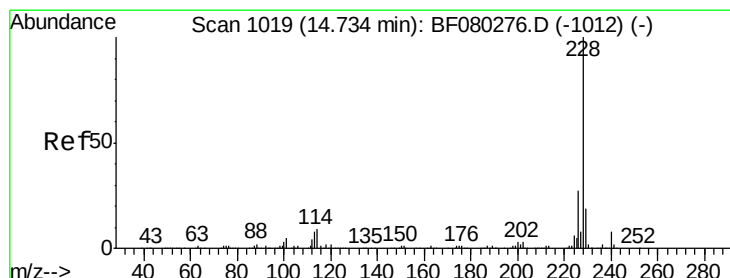
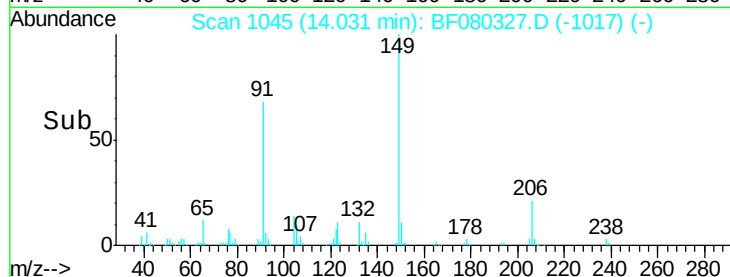
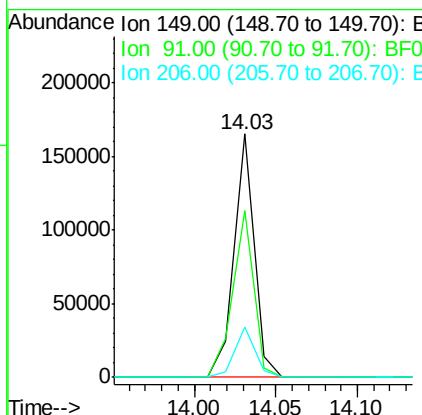
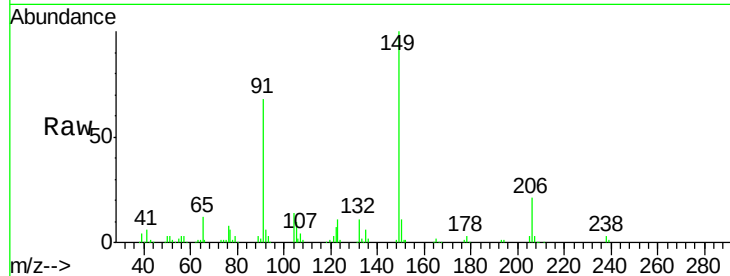
#79
Butylbenzylphthalate
Concen: 37.56 ng
RT: 14.03 min Scan# 1045
Delta R.T. 0.02 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

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

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

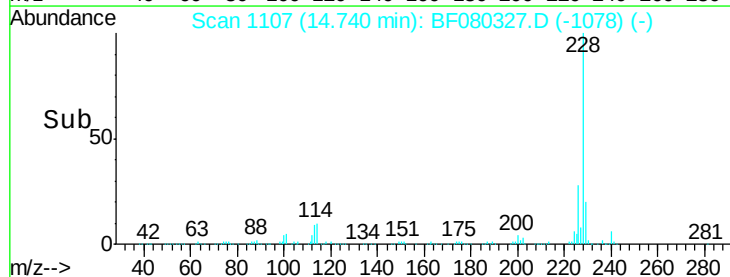
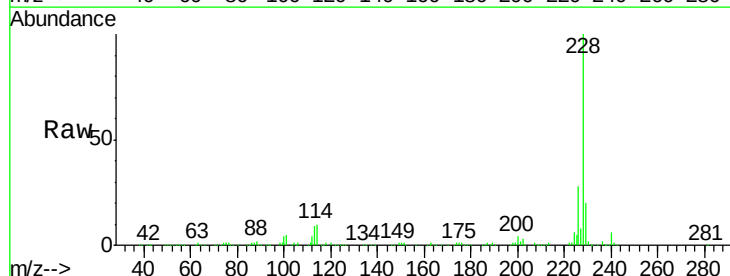
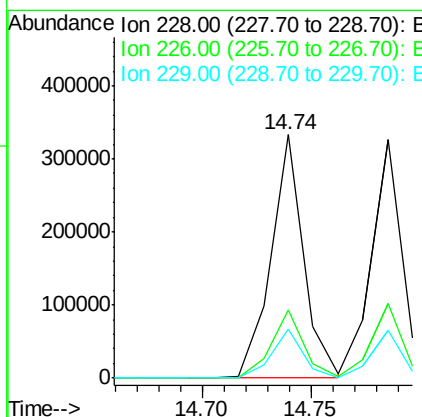
Manual Integrations
APPROVED

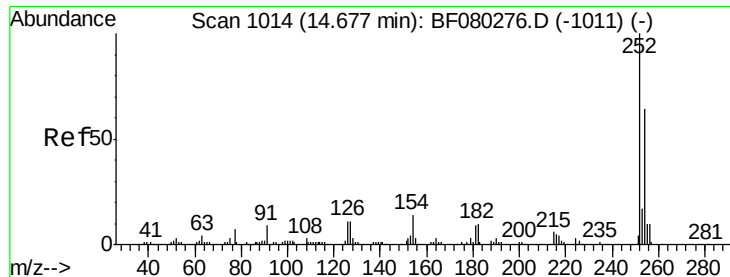
apatel
7/6/2015 3:41:02 PM



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

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





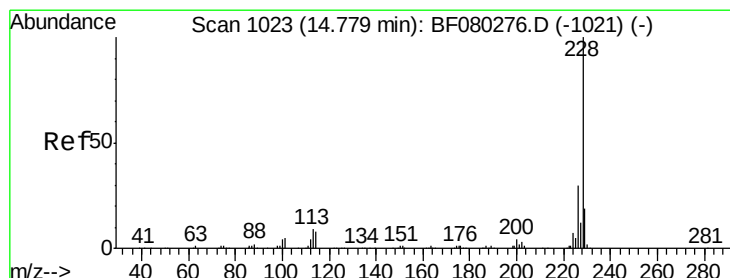
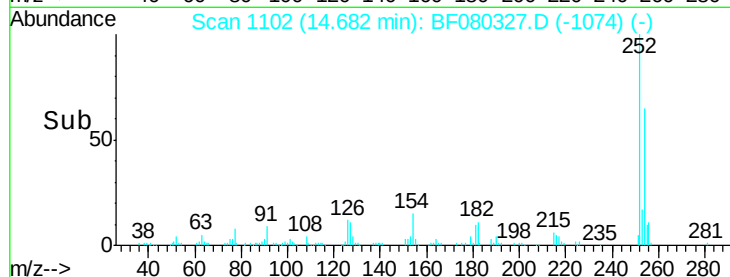
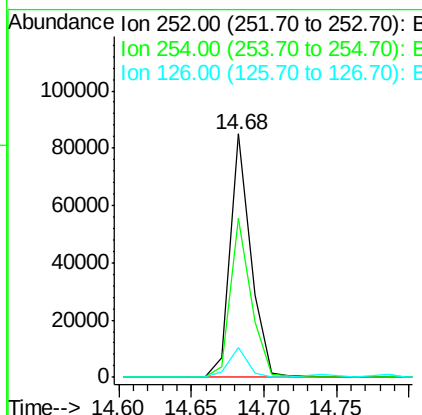
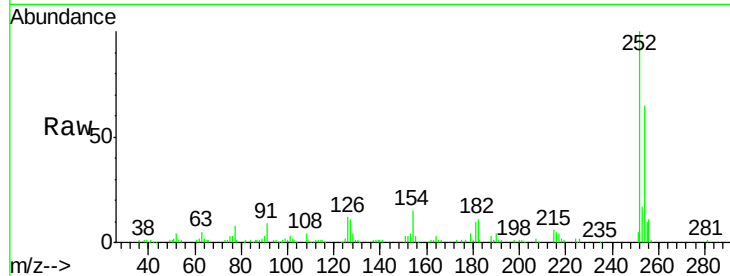
#81
 3,3'-Dichlorobenzidine
 Concen: 28.12 ng
 RT: 14.68 min Scan# 1102
 Delta R.T. 0.02 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

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

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

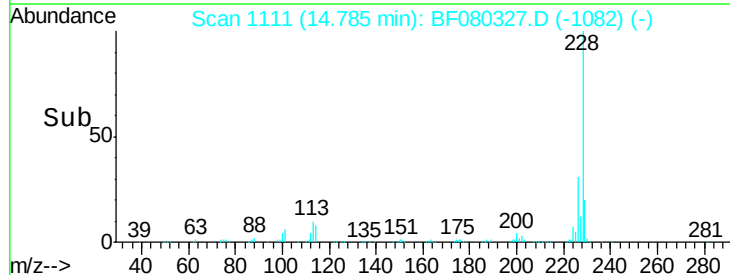
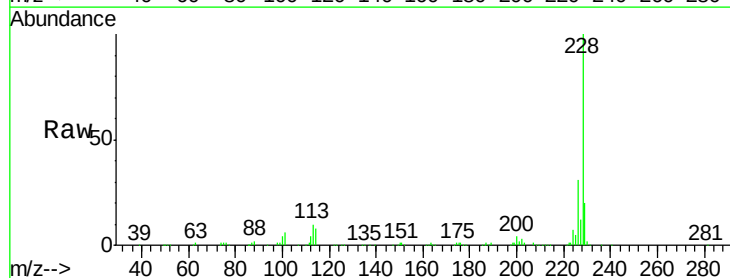
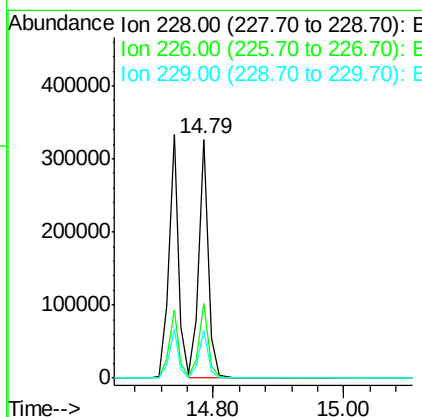
Manual Integrations
 APPROVED

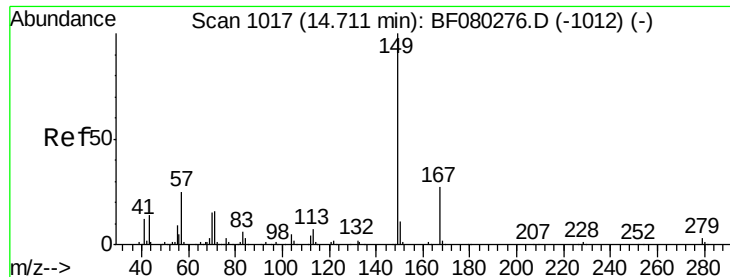
apatel
 7/6/2015 3:41:02 PM



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

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





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.68 ng

RT: 14.72 min Scan# 1105

Delta R.T. 0.02 min

Lab File: BF080327.D

Acq: 3 Jul 2015 6:35

Instrument :

BNA_F

ClientSampleId :

IDOC-03-S-UM

Tgt Ion:149 Resp: 198152
Ion Ratio Lower Upper

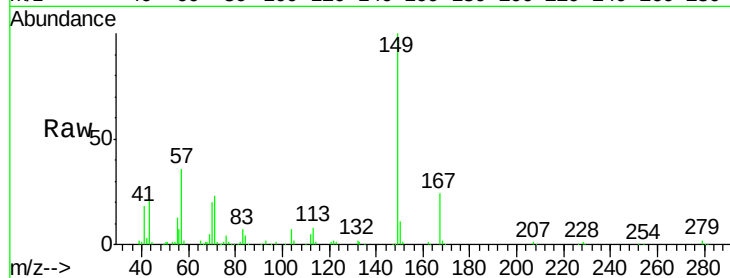
149 100

167 24.2 21.7 32.5

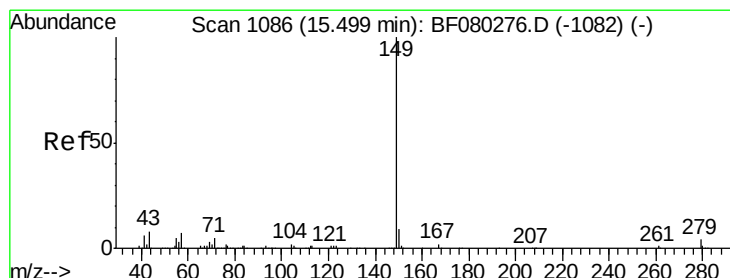
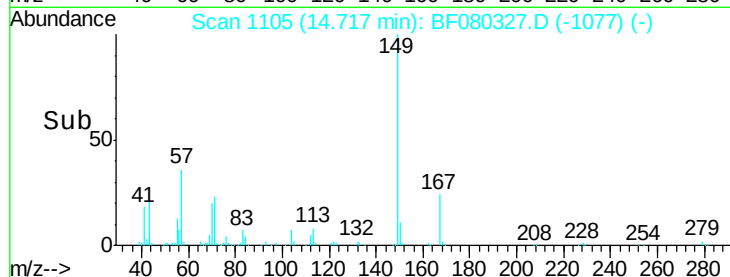
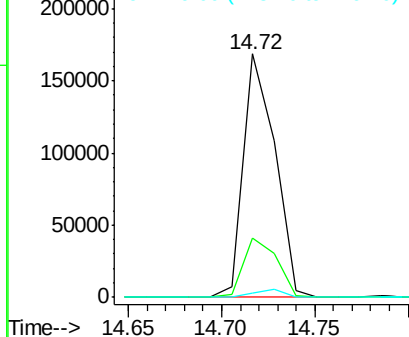
279 2.0 2.7 4.1#

Manual Integrations
APPROVED

apatel
7/6/2015 3:41:02 PM



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: 36.81 ng

RT: 15.53 min Scan# 1176

Delta R.T. 0.05 min

Lab File: BF080327.D

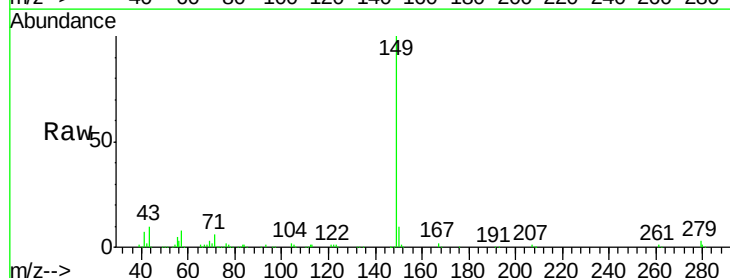
Acq: 3 Jul 2015 6:35

Tgt Ion:149 Resp: 326192
Ion Ratio Lower Upper

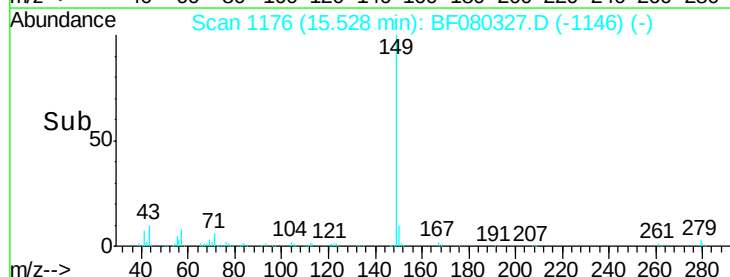
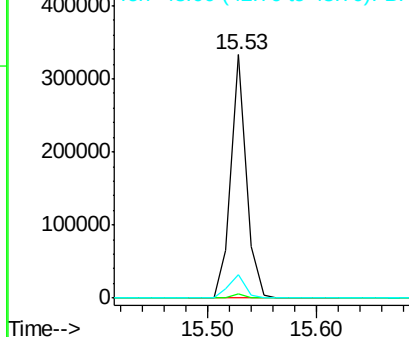
149 100

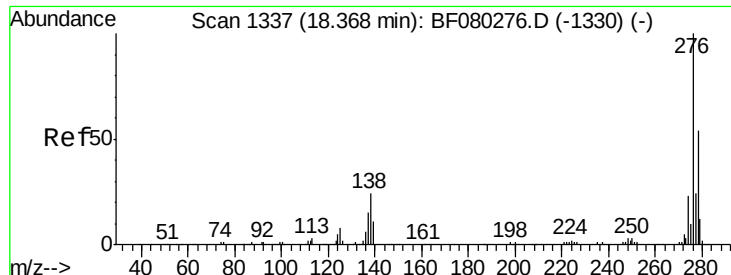
167 1.5 1.2 1.8

43 11.2 8.3 12.5



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





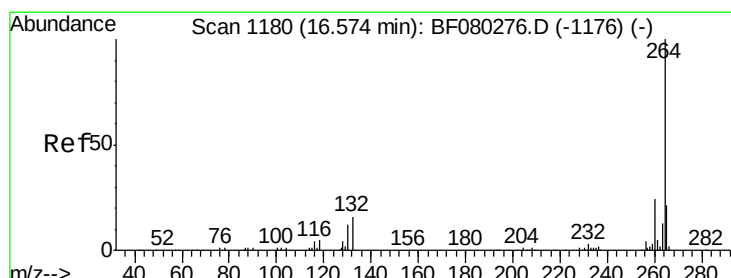
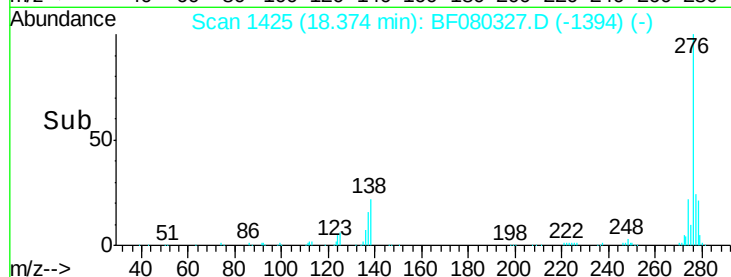
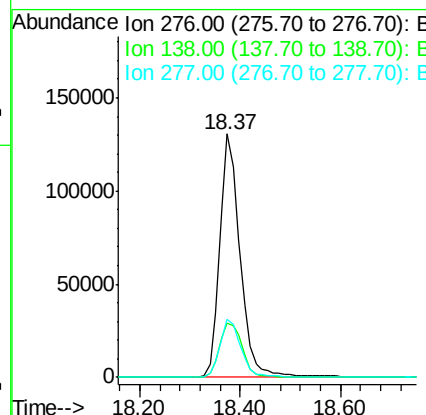
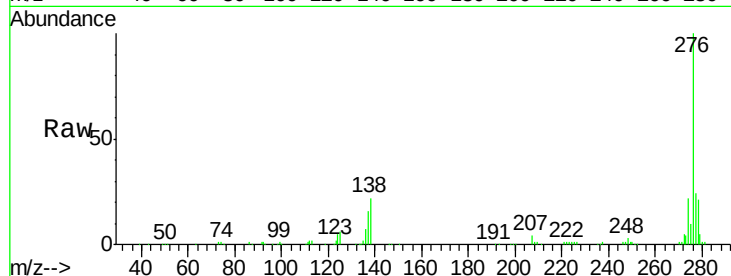
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.47 ng
RT: 18.37 min Scan# 1425
Delta R.T. 0.06 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

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

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	366831		
138	25.2	21.0	31.6	
277	24.7	19.4	29.0	

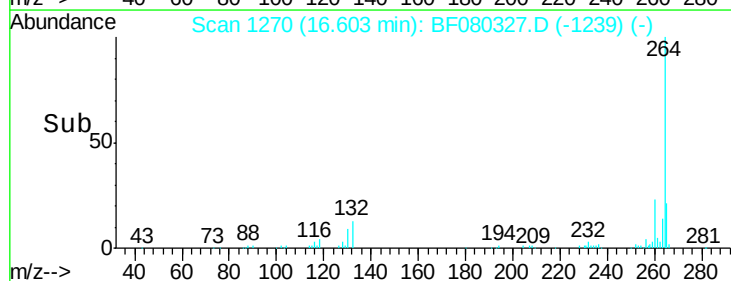
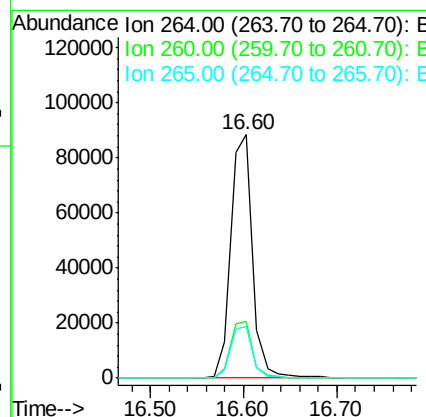
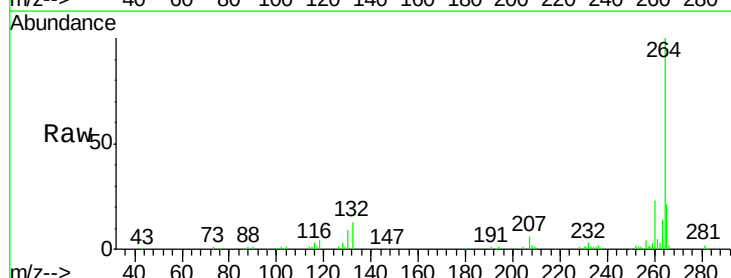
Manual Integrations
APPROVED

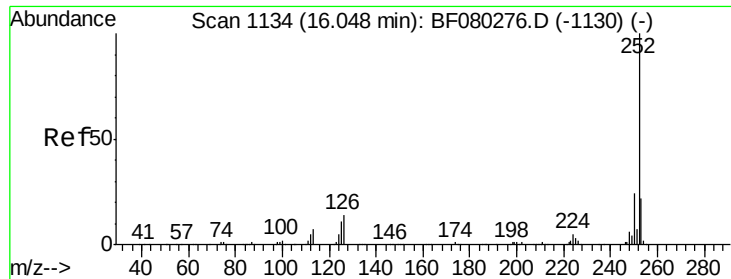
apatel
7/6/2015 3:41:02 PM



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

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	143391		
260	23.3	19.2	28.8	
265	21.3	16.9	25.3	





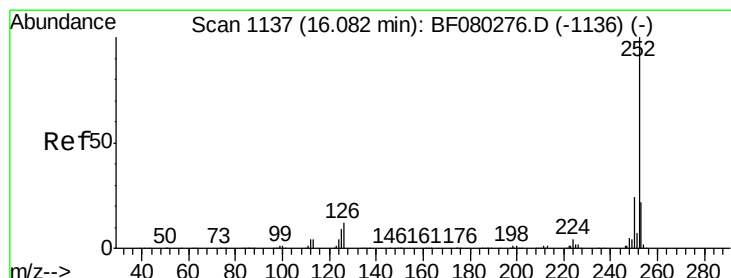
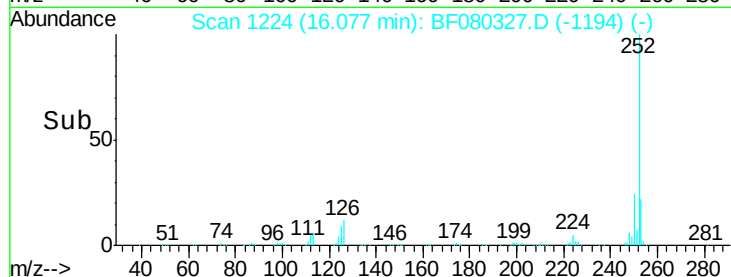
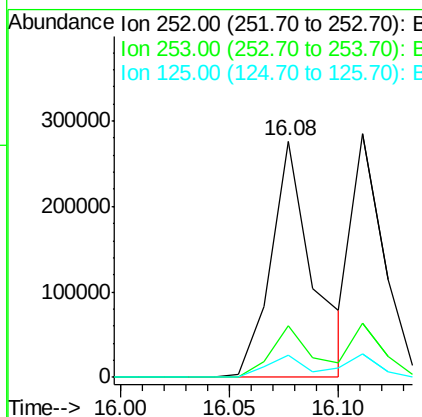
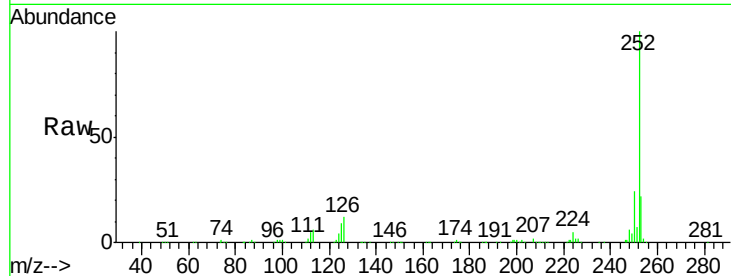
#87
Benzo(b)fluoranthene
Concen: 41.22 ng
RT: 16.08 min Scan# 1224
Delta R.T. 0.05 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

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

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

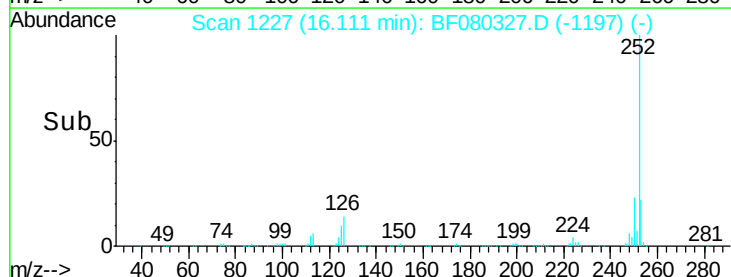
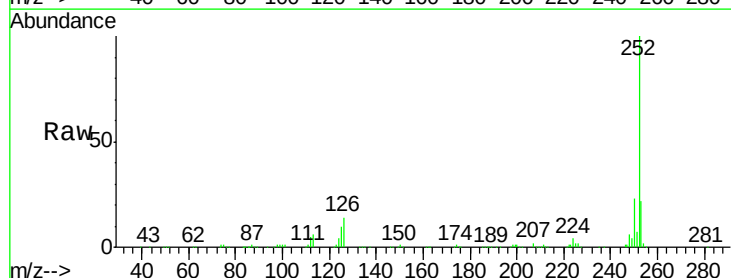
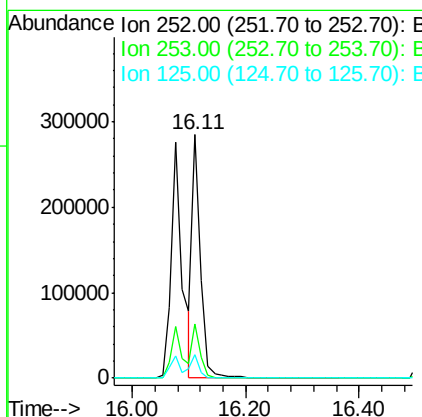
Manual Integrations
APPROVED

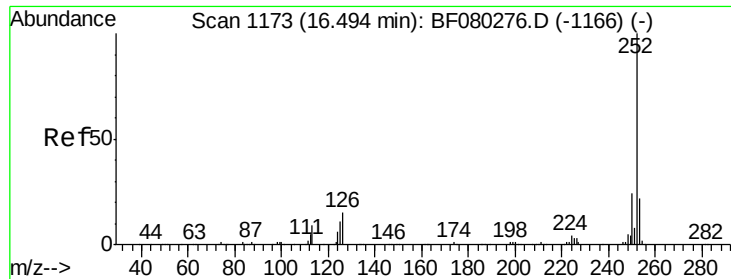
apatel
7/6/2015 3:41:02 PM



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

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





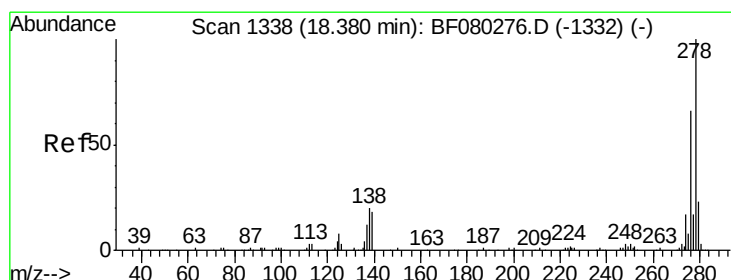
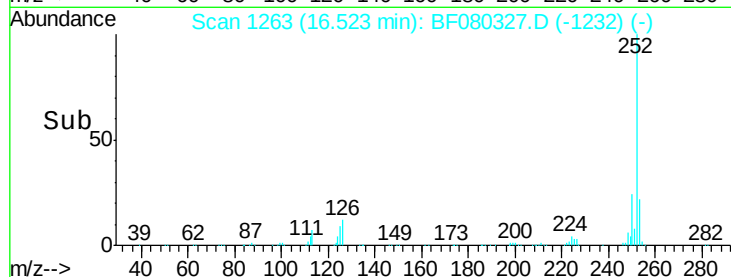
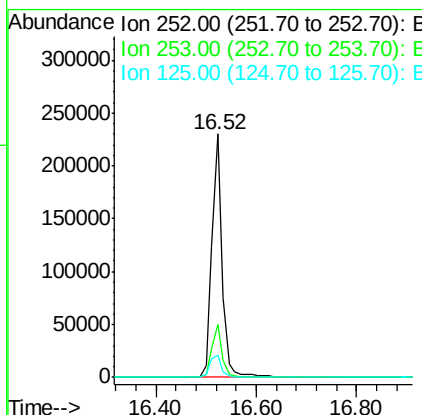
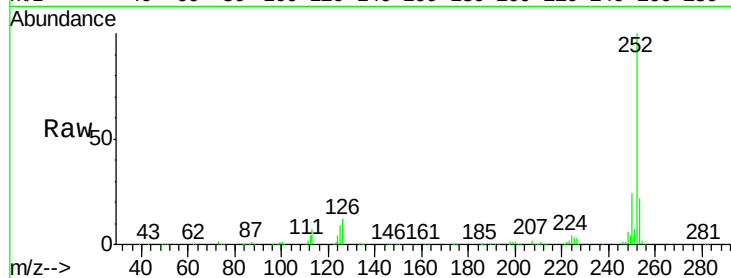
#89
Benzo(a)pyrene
Concen: 39.56 ng
RT: 16.52 min Scan# 1263
Delta R.T. 0.06 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

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

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	9.1	9.0	13.4

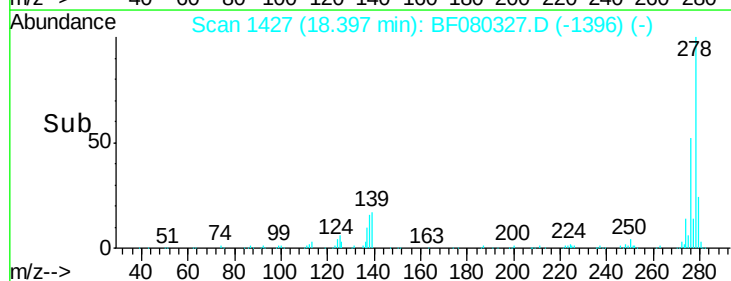
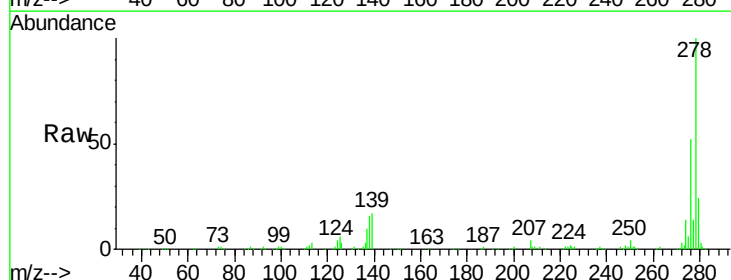
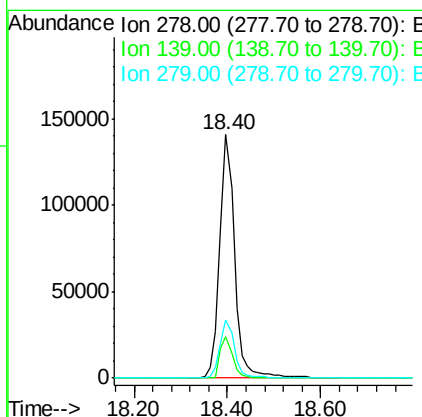
Manual Integrations
APPROVED

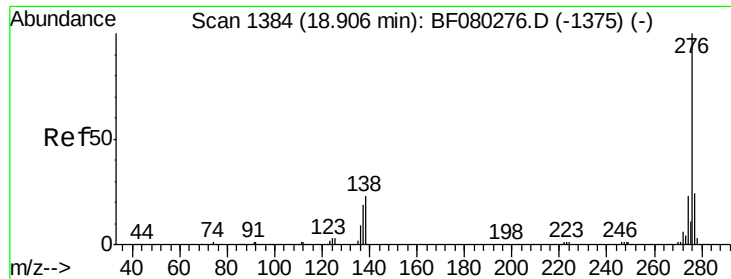
apatel
7/6/2015 3:41:02 PM



#90
Dibenzo(a,h)anthracene
Concen: 40.12 ng
RT: 18.40 min Scan# 1427
Delta R.T. 0.06 min
Lab File: BF080327.D
Acq: 3 Jul 2015 6:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.8	14.6	21.8
279	23.8	18.7	28.1





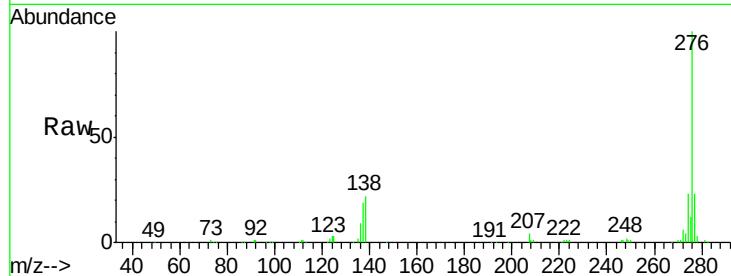
#91
 Benzo(g,h,i)perylene
 Concen: 39.05 ng
 RT: 18.91 min Scan# 1472
 Delta R.T. 0.06 min
 Lab File: BF080327.D
 Acq: 3 Jul 2015 6:35

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

Tgt Ion:	276	Resp:	315484
Ion Ratio	Lower	Upper	
276	100		
277	22.8	19.0	28.6
138	22.0	18.1	27.1

Manual Integrations
 APPROVED

apatel
 7/6/2015 3:41:02 PM



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

