

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020615\
 Data File : BF077214.D
 Acq On : 6 Feb 2015 22:03
 Operator : TP/IZ
 Sample : G1212-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1A-A2A-A3A-A4AMS

Manual Integrations
 APPROVED

apatel
 2/9/2015 1:35:59 PM

Quant Time: Feb 09 11:58:46 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 07 00:43:02 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	35913	20.00	ng	0.00
21) Naphthalene-d8	10.56	136	151199	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	82220	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	141590	20.00	ng	0.00
75) Chrysene-d12	21.05	240	134380	20.00	ng	0.00
86) Perylene-d12	22.67	264	118610	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.66	112	124802	57.14	ng	0.00
7) Phenol-d6	7.06	99	159832	58.01	ng	0.00
23) Nitrobenzene-d5	8.96	82	101900	37.34	ng	0.00
41) 2,4,6-Tribromophenol	16.42	330	40165	60.18	ng	0.00
44) 2-Fluorobiphenyl	13.21	172	205327	38.00	ng	0.00
78) Terphenyl-d14	19.78	244	214605	36.77	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.09	88	11770	12.58	ng	94
3) Pyridine	1.55	79	27916	11.53	ng	98
4) n-Nitrosodimethylamine	1.49	42	22674	18.91	ng	91
6) Aniline	6.94	93	35270	9.25	ng	96
8) 2-Chlorophenol	7.17	128	45383	18.02	ng	98
10) Phenol	7.09	94	54387	18.59	ng	97
11) bis(2-Chloroethyl)ether	7.18	93	42527	18.58	ng	93
12) 1,3-Dichlorobenzene	7.48	146	47653	16.63	ng	96
13) 1,4-Dichlorobenzene	7.69	146	49332	16.24	ng	99
14) 1,2-Dichlorobenzene	8.00	146	45689	16.32	ng	99
15) Benzyl Alcohol	8.10	79	40759	18.28	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.44	45	56140	18.24	ng	# 65
17) 2-Methylphenol	8.45	107	35199	17.10	ng	97
18) Hexachloroethane	8.74	117	18682	17.68	ng	93
19) n-Nitroso-di-n-propylamine	8.73	70	33813	17.53	ng	97
20) 3+4-Methylphenols	8.84	107	39160	14.37	ng	96
22) Acetophenone	8.65	105	66481	17.95	ng	97
24) Nitrobenzene	8.99	77	46578	16.75	ng	# 98
25) Isophorone	9.60	82	90021	18.11	ng	98
26) 2-Nitrophenol	9.74	139	21126	16.06	ng	# 87
27) 2,4-Dimethylphenol	10.03	122	38451	17.88	ng	97
28) bis(2-Chloroethoxy)methane	10.22	93	53968	19.10	ng	96
29) 2,4-Dichlorophenol	10.36	162	32273	16.11	ng	94
30) 1,2,4-Trichlorobenzene	10.46	180	39868	17.91	ng	100
31) Naphthalene	10.60	128	134481	17.28	ng	99
32) Benzoic acid	10.57	122	7687m	6.45	ng	
33) 4-Chloroaniline	10.86	127	32526m	10.34	ng	
34) Hexachlorobutadiene	10.97	225	22056	16.70	ng	93
35) Caprolactam	11.69	113	9273	15.72	ng	94
36) 4-Chloro-3-methylphenol	12.18	107	40062	17.46	ng	94
37) 2-Methylnaphthalene	12.26	142	95105	17.89	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.66	216	37668	18.53	ng	96
40) Hexachlorocyclopentadiene	12.64	237	27385	28.17	ng	96
42) 2,4,6-Trichlorophenol	13.03	196	24111	16.28	ng	94

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020615\
 Data File : BF077214.D
 Acq On : 6 Feb 2015 22:03
 Operator : TP/IZ
 Sample : G1212-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1A-A2A-A3A-A4AMS

Manual Integrations
 APPROVED

apatel
 2/9/2015 1:35:59 PM

Quant Time: Feb 09 11:58:46 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 07 00:43:02 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.12	196	22024	14.58	ng	# 90
45) 1,1'-Biphenyl	13.40	154	112074	18.39	ng	94
46) 2-Chloronaphthalene	13.38	162	90044	17.95	ng	99
47) 2-Nitroaniline	13.73	65	27473	18.06	ng	94
48) Acenaphthylene	14.33	152	144458	17.07	ng	99
49) Dimethylphthalate	14.28	163	116108	19.91	ng	98
50) 2,6-Dinitrotoluene	14.39	165	21756	18.68	ng	96
51) Acenaphthene	14.75	154	81428	16.96	ng	98
52) 3-Nitroaniline	14.74	138	18700	13.64	ng	93
53) 2,4-Dinitrophenol	15.04	184	10098	27.51	ng	91
54) Dibenzofuran	15.17	168	123753	17.70	ng	100
55) 4-Nitrophenol	15.37	139	18597	20.35	ng	98
56) 2,4-Dinitrotoluene	15.32	165	29283	18.14	ng	# 92
57) Fluorene	15.94	166	105361	17.78	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.55	232	18052	16.41	ng	# 97
59) Diethylphthalate	15.94	149	115493	19.60	ng	98
60) 4-Chlorophenyl-phenylether	16.03	204	44586	18.39	ng	94
61) 4-Nitroaniline	16.10	138	20743	15.13	ng	95
62) Azobenzene	16.33	77	119059	19.39	ng	98
64) 4,6-Dinitro-2-methylphenol	16.18	198	11764	15.34	ng	74
65) n-Nitrosodiphenylamine	16.29	169	89626	17.75	ng	97
66) 4-Bromophenyl-phenylether	16.91	248	23948	16.69	ng	# 85
67) Hexachlorobenzene	16.92	284	26818	17.74	ng	94
68) Atrazine	17.30	200	30918	20.18	ng	93
69) Pentachlorophenol	17.30	266	16106	28.13	ng	96
70) Phenanthrene	17.57	178	147109	16.66	ng	99
71) Anthracene	17.65	178	146104	16.97	ng	98
72) Carbazole	17.95	167	143861	17.23	ng	98
73) Di-n-butylphthalate	18.55	149	179253	18.54	ng	98
74) Fluoranthene	19.23	202	151870	16.79	ng	98
76) Benzidine	19.48	184	46482	10.81	ng	99
77) Pyrene	19.51	202	159019	17.27	ng	99
79) Butylbenzylphthalate	20.45	149	82348	19.74	ng	98
80) Benzo(a)anthracene	21.04	228	139922	16.60	ng	98
81) 3,3'-Dichlorobenzidine	21.05	252	39846	14.87	ng	# 98
82) Chrysene	21.08	228	131769	17.14	ng	99
83) Bis(2-ethylhexyl)phthalate	21.20	149	114935	19.92	ng	100
84) Di-n-octyl phthalate	21.95	149	210803	21.05	ng	99
85) Indeno(1,2,3-cd)pyrene	23.72	276	131158	16.10	ng	# 83
87) Benzo(b)fluoranthene	22.27	252	149205	18.68	ng	99
88) Benzo(k)fluoranthene	22.31	252	110432m	15.82	ng	
89) Benzo(a)pyrene	22.61	252	125910	17.87	ng	97
90) Dibenzo(a,h)anthracene	23.75	278	110752	17.13	ng	97
91) Benzo(g,h,i)perylene	23.99	276	106281	16.53	ng	97

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

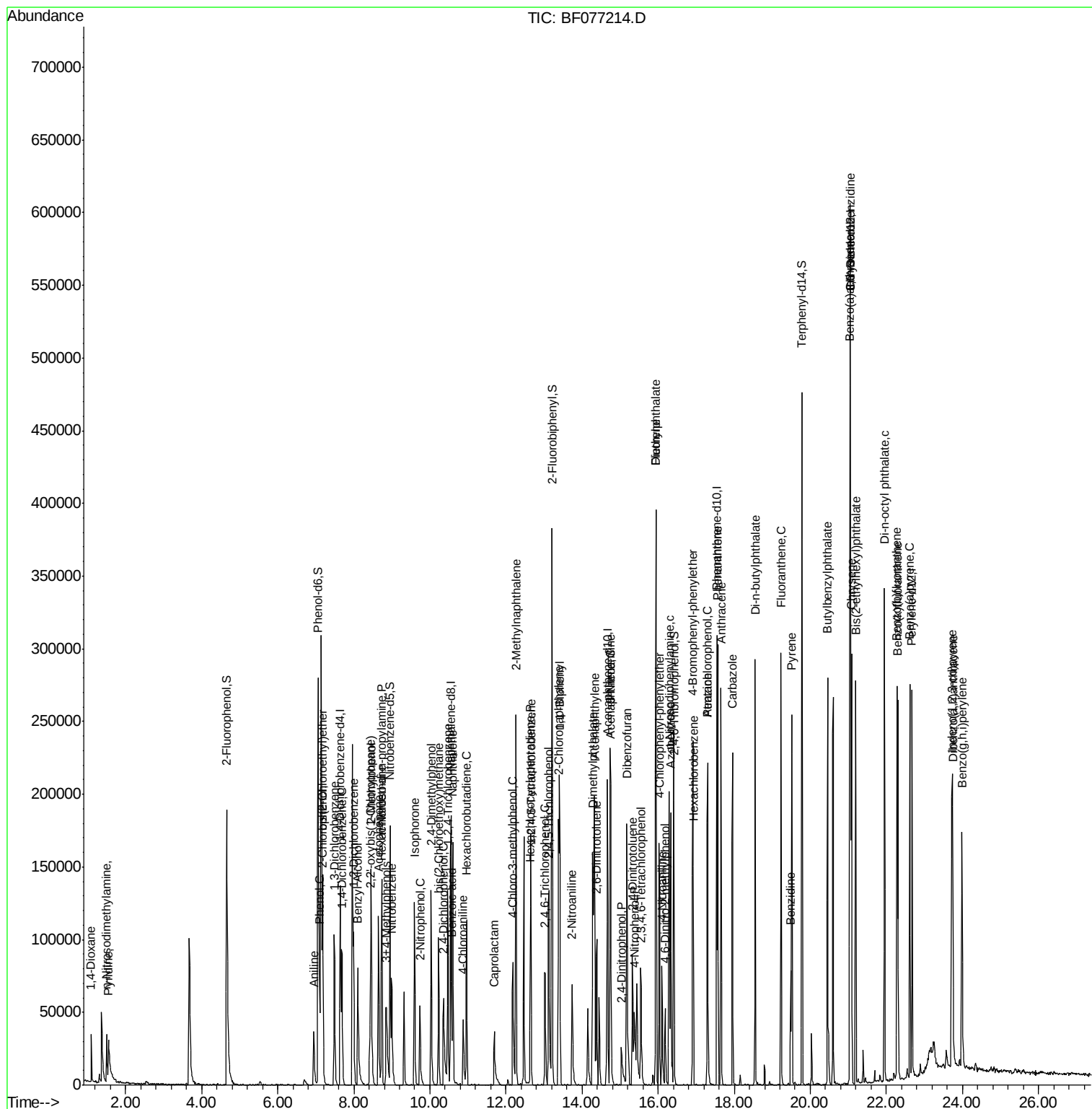
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020615\
Data File : BF077214.D
Acq On : 6 Feb 2015 22:03
Operator : TP/IZ
Sample : G1212-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

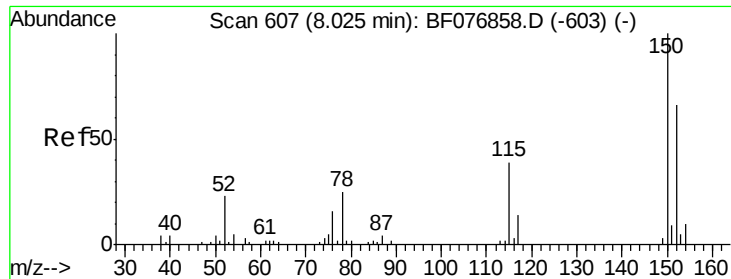
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1A-A2A-A3A-A4AMS

Manual Integrations
APPROVED

apatel
2/9/2015 1:35:59 PM

Quant Time: Feb 09 11:58:46 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 07 00:43:02 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.64 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

Instrument :

BNA_F

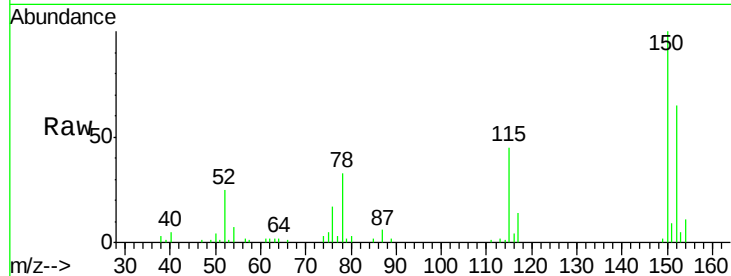
ClientSampleId :

FK-BPM-01-A1A-A2A-A3A-A4AMS

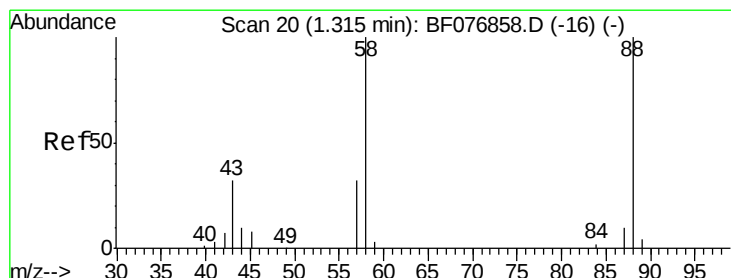
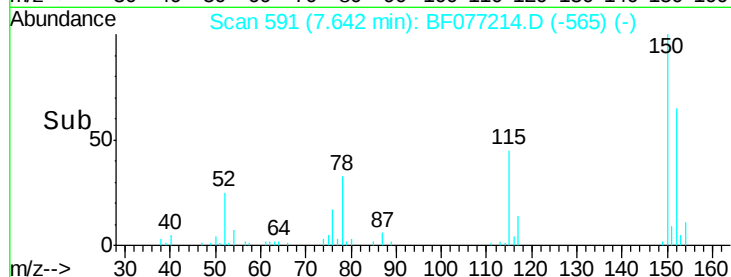
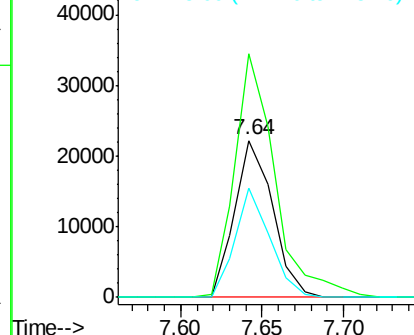
Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.0	121.7	182.5
115	69.3	47.0	70.6

Manual Integrations
APPROVED

apatel
2/9/2015 1:35:59 PM



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



#2

1,4-Dioxane

Concen: 12.58 ng

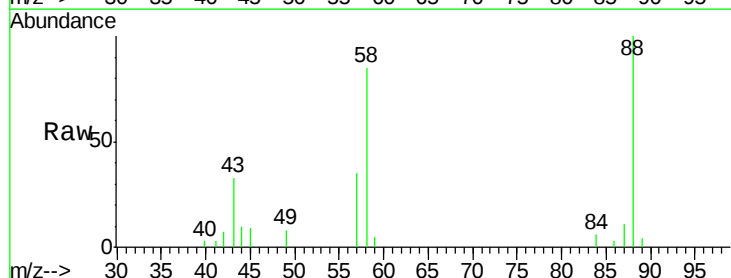
RT: 1.09 min Scan# 18

Delta R.T. 0.00 min

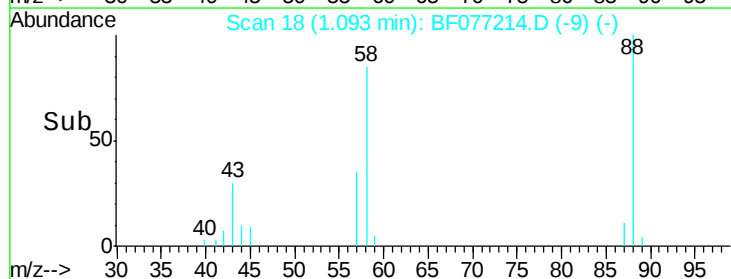
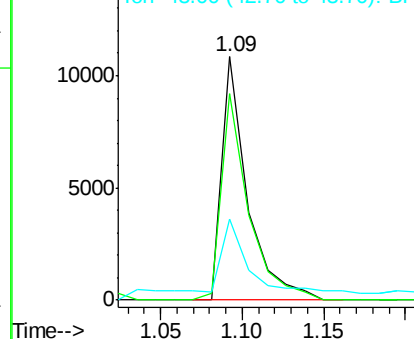
Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.8	77.0	115.4
43	37.0	25.6	38.4



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 11.53 ng

RT: 1.55 min Scan# 58

Delta R.T. 0.00 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

Instrument :

BNA_F

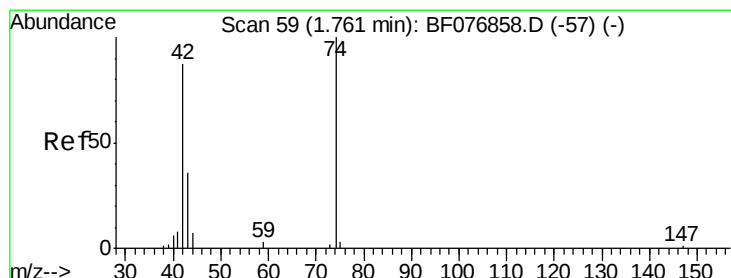
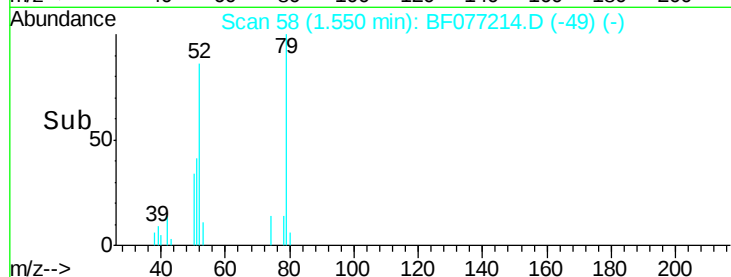
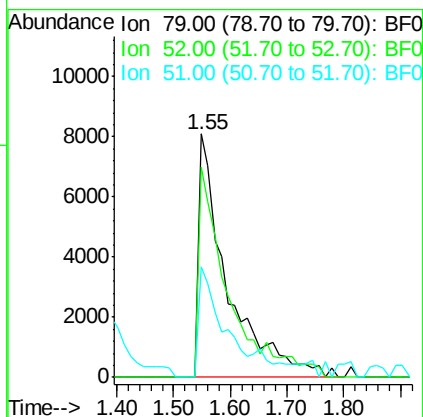
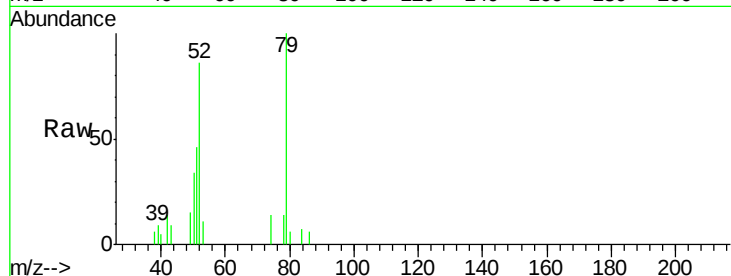
ClientSampleId :

FK-BPM-01-A1A-A2A-A3A-A4AMS

Tgt Ion:	79	Resp:	27916
Ion	Ratio	Lower	Upper
79	100		
52	86.3	70.1	105.1
51	45.6	35.1	52.7

Manual Integrations
APPROVED

apatel
2/9/2015 1:35:59 PM



#4

n-Nitrosodimethylamine

Concen: 18.91 ng

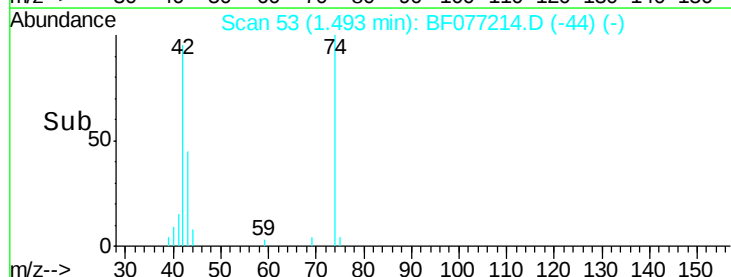
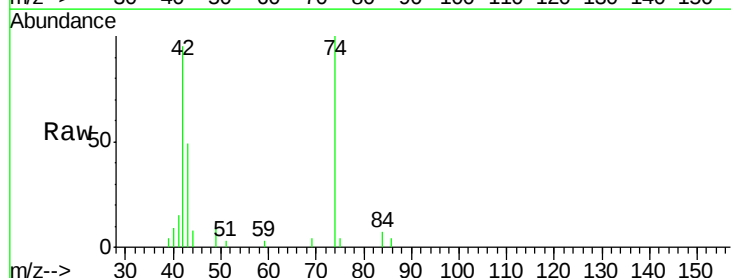
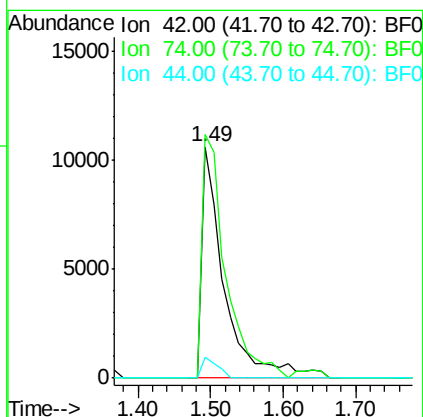
RT: 1.49 min Scan# 53

Delta R.T. 0.00 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

Tgt Ion:	42	Resp:	22674
Ion	Ratio	Lower	Upper
42	100		
74	105.2	92.4	138.6
44	8.8	6.2	9.2





#5

2-Fluorophenol

Concen: 57.14 ng

RT: 4.66 min Scan# 330

Delta R.T. 0.00 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

Instrument :

BNA_F

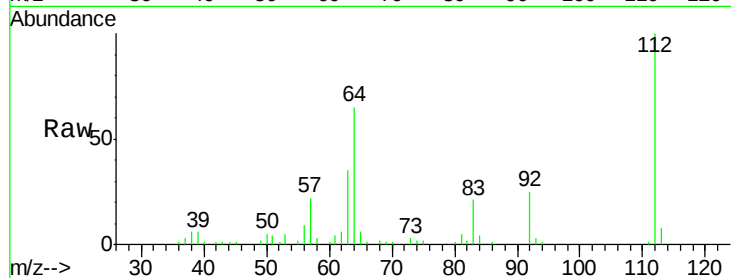
ClientSampleId :

FK-BPM-01-A1A-A2A-A3A-A4AMS

Tgt Ion:	112	Resp:	124802
Ion Ratio	Lower	Upper	
112	100		
64	64.8	54.2	81.4
63	34.5	28.4	42.6

Manual Integrations
APPROVED

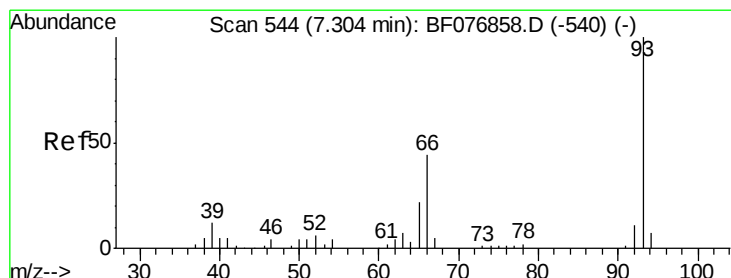
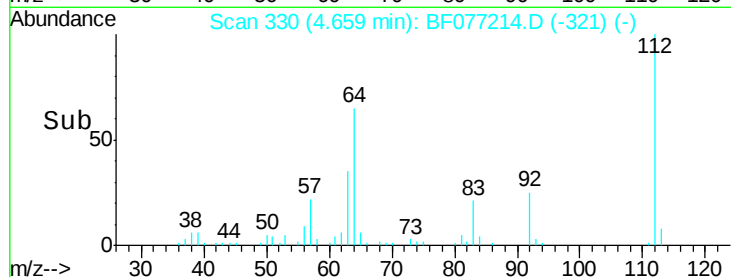
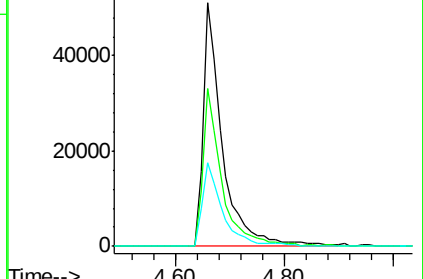
apatel
2/9/2015 1:35:59 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 9.25 ng

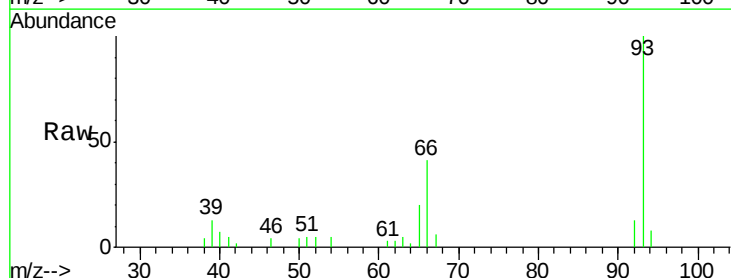
RT: 6.94 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

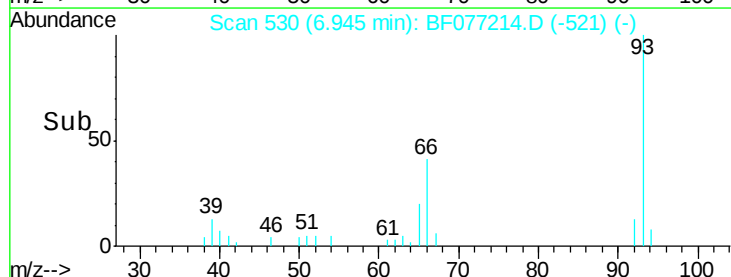
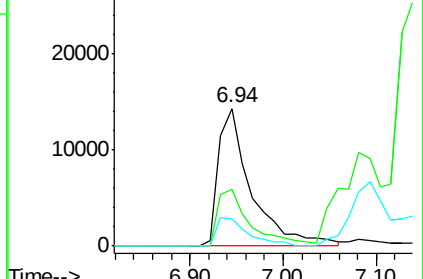
Tgt Ion:	93	Resp:	35270
Ion Ratio	Lower	Upper	
93	100		
66	40.9	35.0	52.4
65	20.1	17.7	26.5

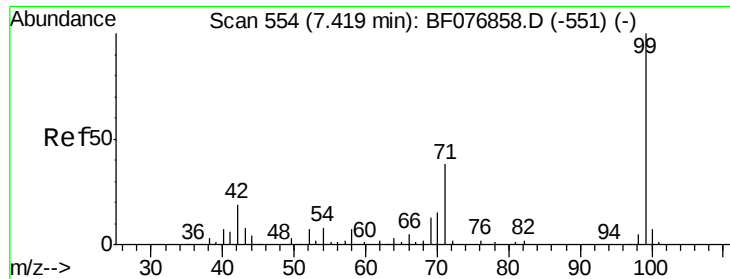


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 58.01 ng

RT: 7.06 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

Instrument :

BNA_F

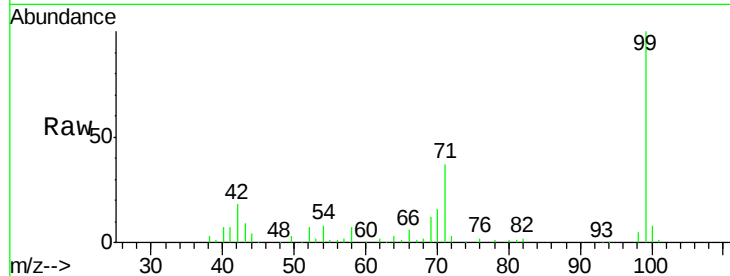
ClientSampleId :

FK-BPM-01-A1A-A2A-A3A-A4AMS

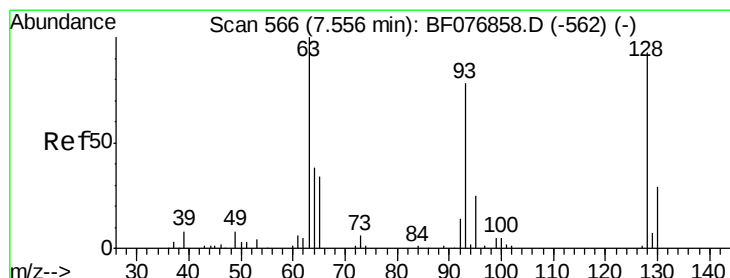
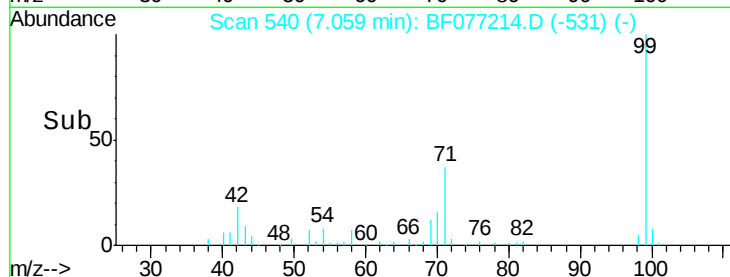
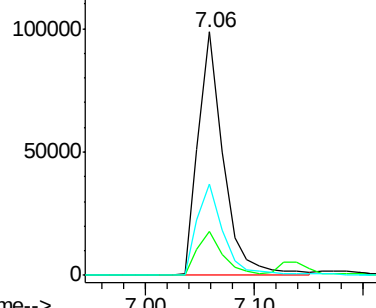
Tgt Ion:	99	Resp:	159832
Ion Ratio	Lower	Upper	
99	100		
42	17.9	15.0	22.4
71	37.3	30.5	45.7

Manual Integrations
APPROVED

apatel
2/9/2015 1:35:59 PM



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 18.02 ng

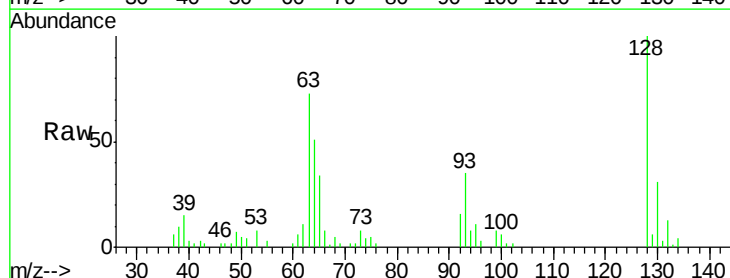
RT: 7.17 min Scan# 550

Delta R.T. 0.00 min

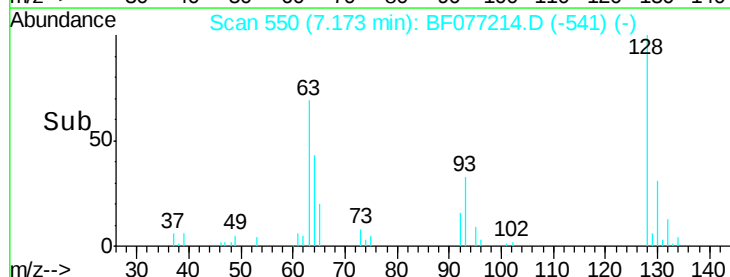
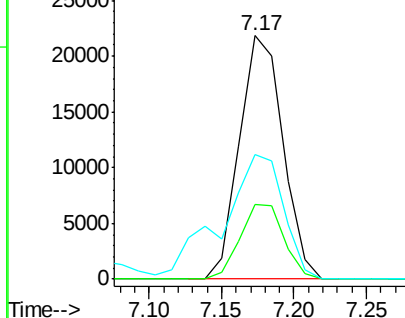
Lab File: BF077214.D

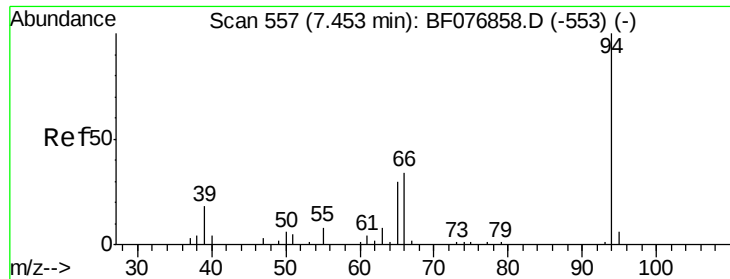
Acq: 6 Feb 2015 22:03

Tgt Ion:	128	Resp:	45383
Ion Ratio	Lower	Upper	
128	100		
130	30.6	11.0	51.0
64	51.1	29.3	69.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 18.59 ng

RT: 7.09 min Scan# 543

Delta R.T. 0.00 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

Instrument :

BNA_F

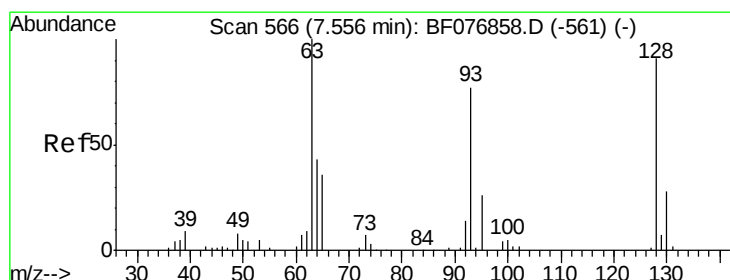
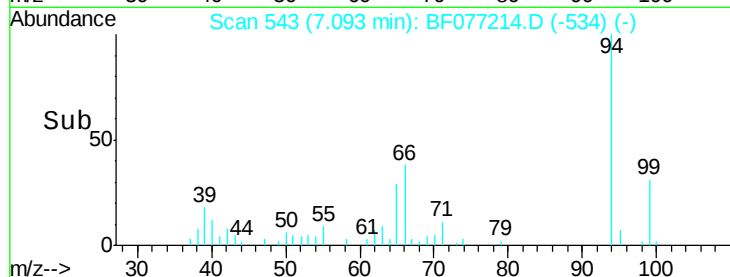
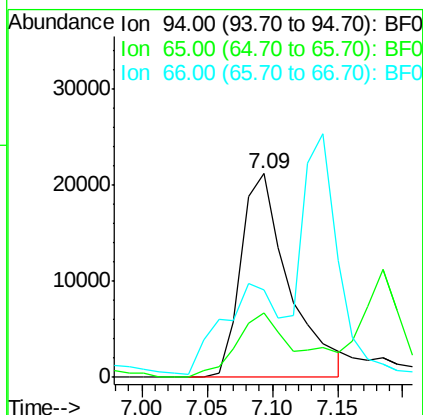
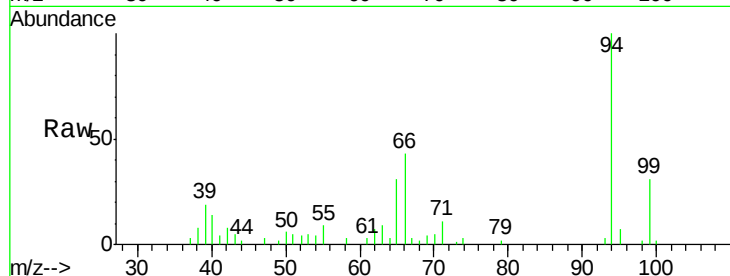
ClientSampleId :

FK-BPM-01-A1A-A2A-A3A-A4AMS

Tgt Ion:	94	Resp:	54387
Ion	Ratio	Lower	Upper
94	100		
65	31.5	11.3	51.3
66	42.8	19.5	59.5

Manual Integrations
APPROVED

apatel
2/9/2015 1:35:59 PM



#11

bis(2-Chloroethyl)ether

Concen: 18.58 ng

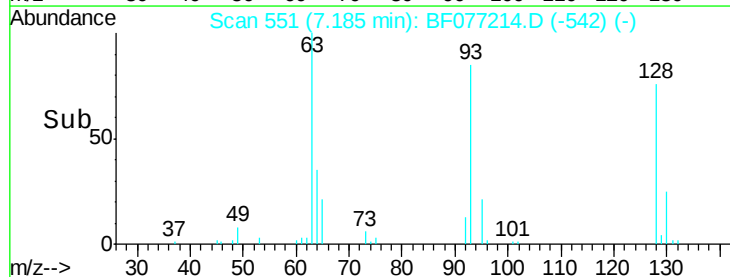
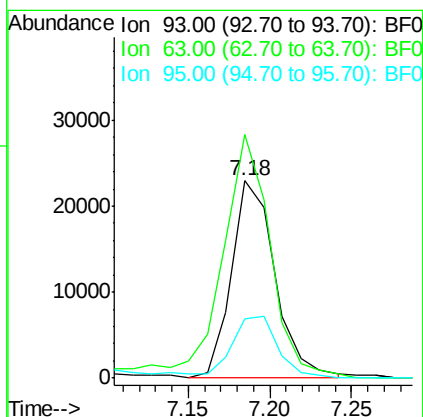
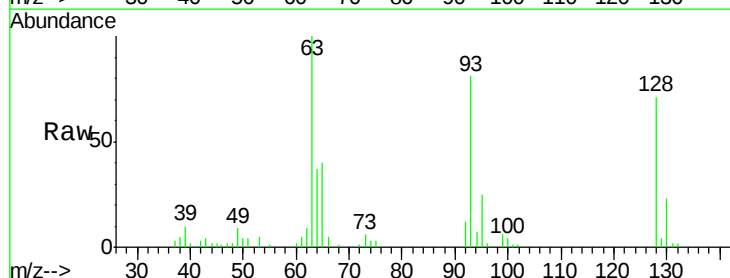
RT: 7.18 min Scan# 551

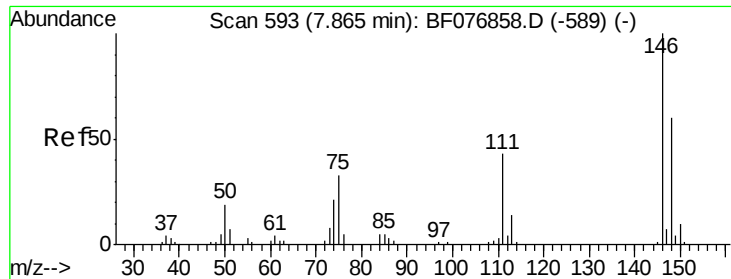
Delta R.T. 0.00 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

Tgt Ion:	93	Resp:	42527
Ion	Ratio	Lower	Upper
93	100		
63	123.4	111.3	151.3
95	30.3	13.8	53.8





#12

1,3-Dichlorobenzene

Concen: 16.63 ng

RT: 7.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

Instrument :

BNA_F

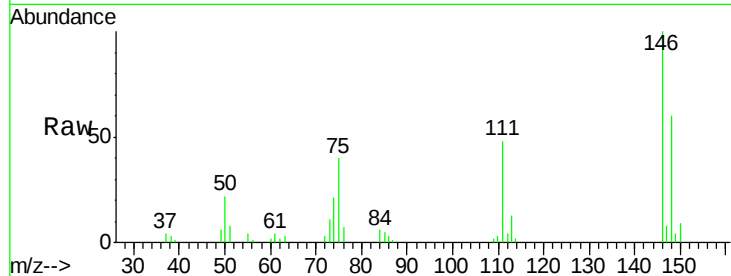
ClientSampleId :

FK-BPM-01-A1A-A2A-A3A-A4AMS

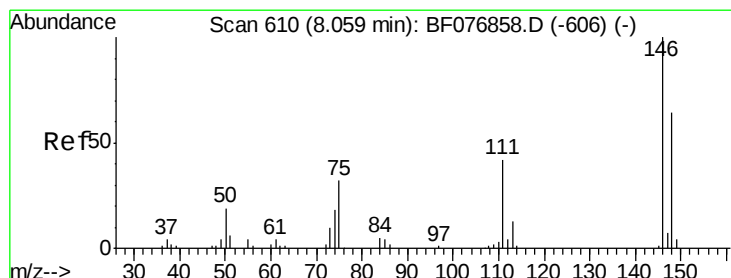
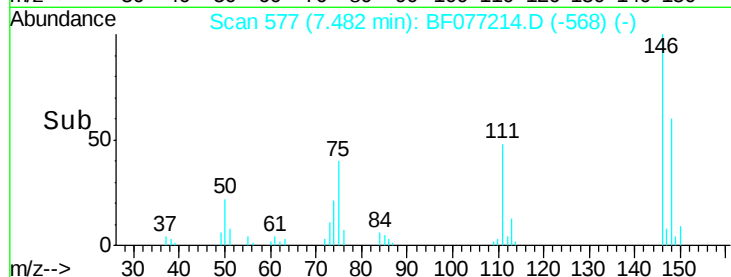
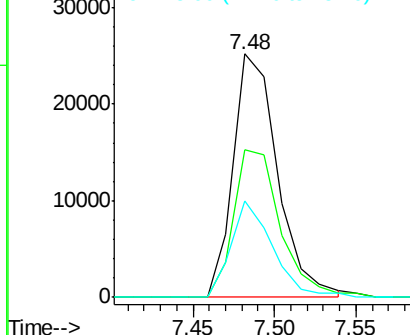
Tgt Ion:	146	Resp:	47653
Ion Ratio	Lower	Upper	
146	100		
148	60.4	48.1	72.1
75	39.8	26.8	40.2

Manual Integrations
APPROVED

apatel
2/9/2015 1:35:59 PM



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 16.24 ng

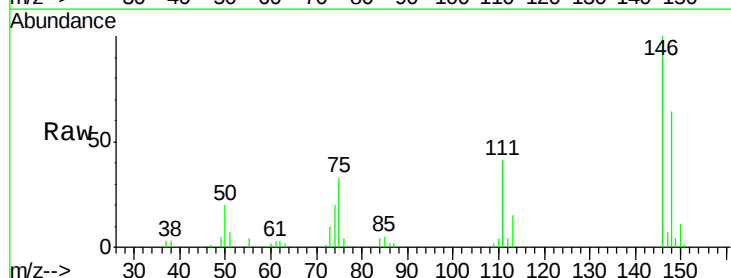
RT: 7.69 min Scan# 595

Delta R.T. 0.00 min

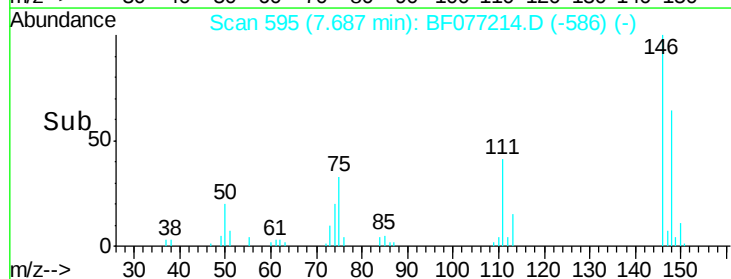
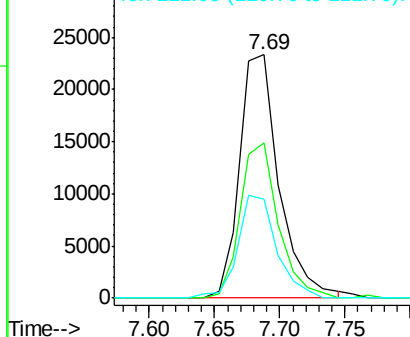
Lab File: BF077214.D

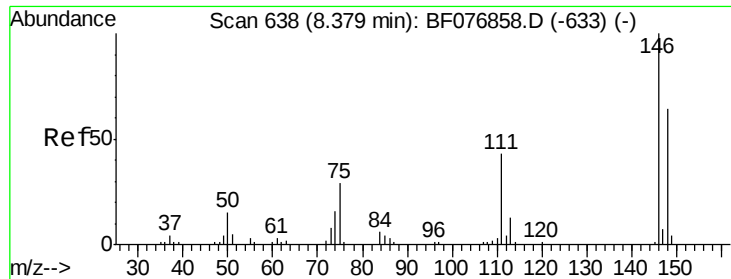
Acq: 6 Feb 2015 22:03

Tgt Ion:	146	Resp:	49332
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.5	77.3
111	40.7	33.9	50.9



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





#14

1,2-Dichlorobenzene

Concen: 16.32 ng

RT: 8.00 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF077214.D

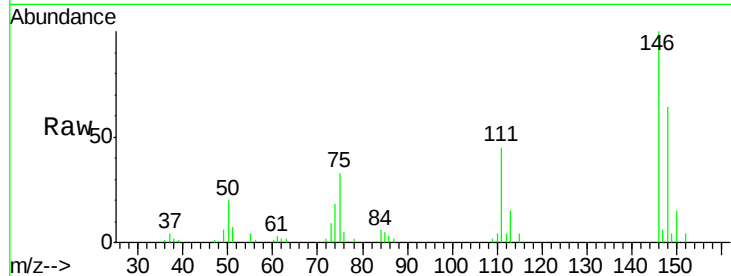
Acq: 6 Feb 2015 22:03

Instrument :

BNA_F

ClientSampleId :

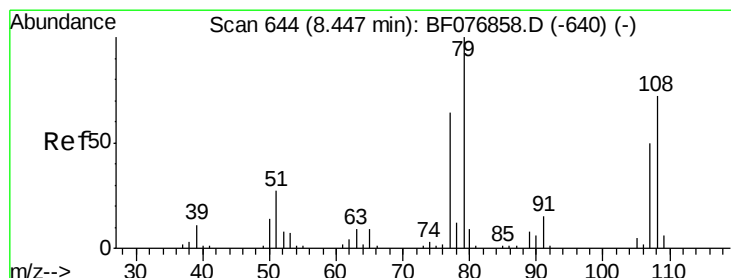
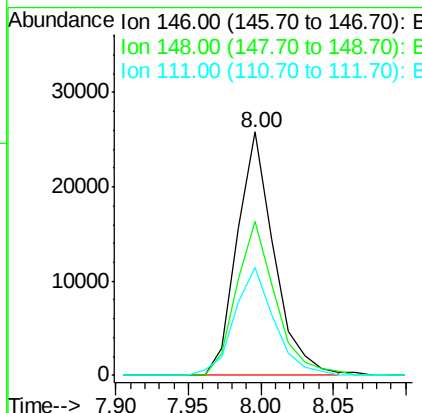
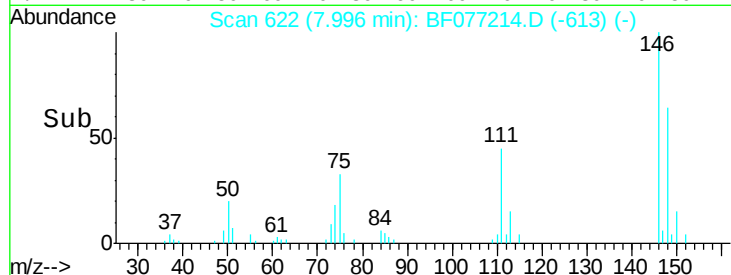
FK-BPM-01-A1A-A2A-A3A-A4AMS



Tgt Ion:	146	Resp:	45689
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.3	76.9
111	44.6	34.5	51.7

Manual Integrations
APPROVED

apatel
2/9/2015 1:35:59 PM



#15

Benzyl Alcohol

Concen: 18.28 ng

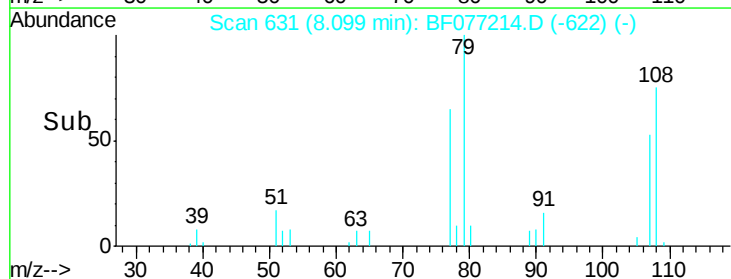
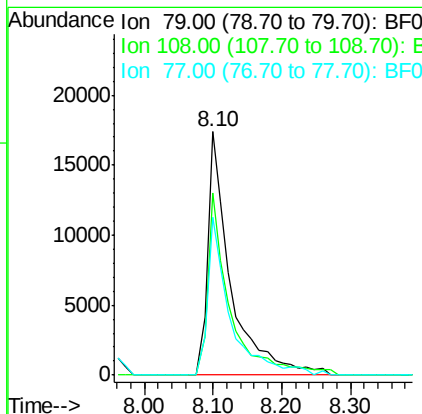
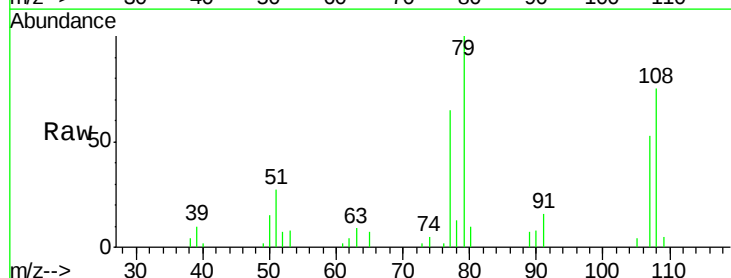
RT: 8.10 min Scan# 631

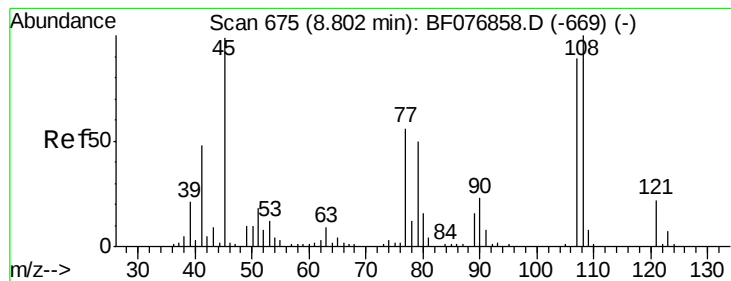
Delta R.T. 0.00 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

Tgt Ion:	79	Resp:	40759
Ion Ratio	Lower	Upper	
79	100		
108	74.6	57.2	85.8
77	65.1	51.2	76.8





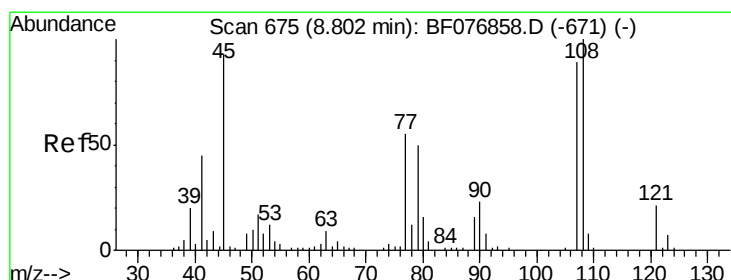
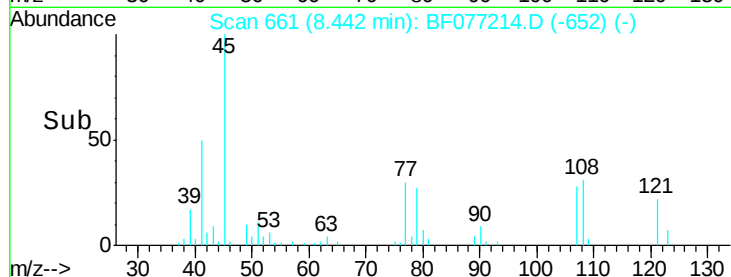
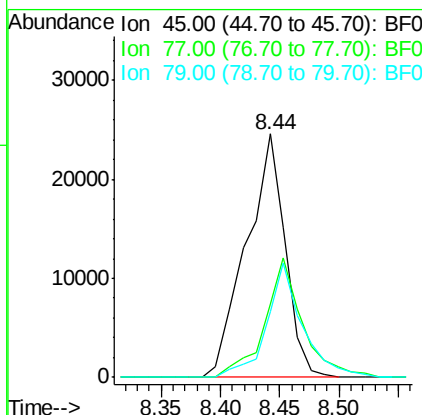
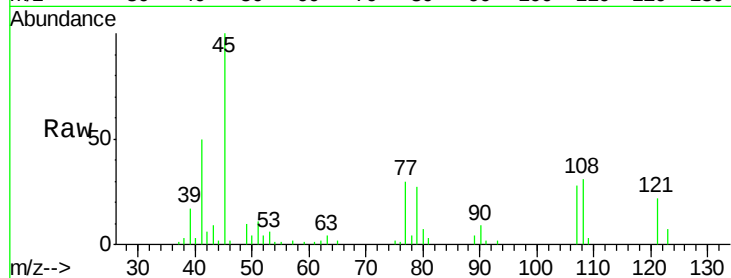
#16
2,2'-oxybis(1-Chloropropane)
Concen: 18.24 ng
RT: 8.44 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1A-A2A-A3A-A4AMS

Tgt Ion: 45 Resp: 56140
Ion Ratio Lower Upper
45 100
77 30.0 36.1 76.1#
79 27.1 30.5 70.5#

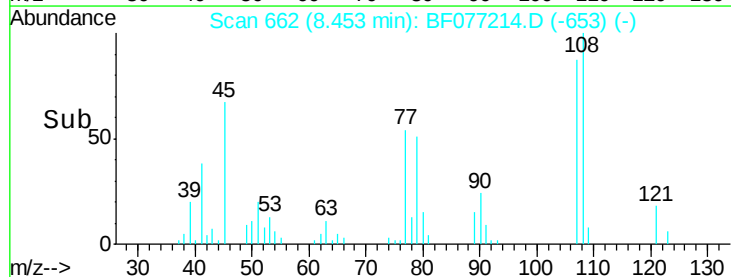
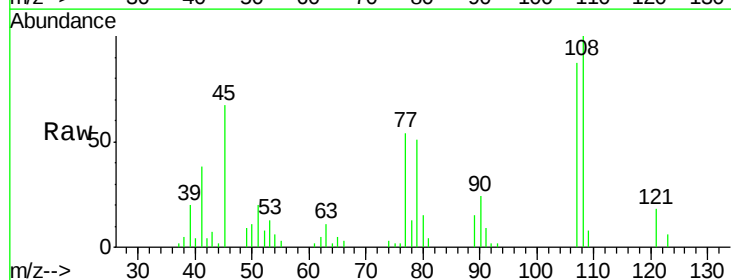
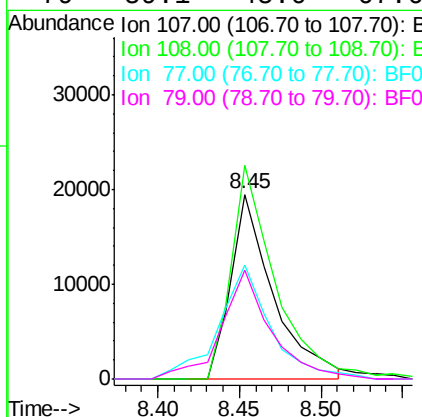
Manual Integrations
APPROVED

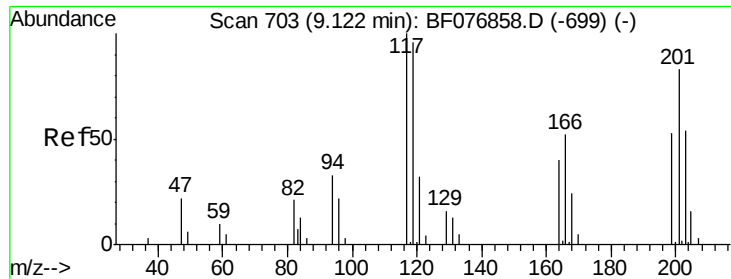
apatel
2/9/2015 1:35:59 PM



#17
2-Methylphenol
Concen: 17.10 ng
RT: 8.45 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

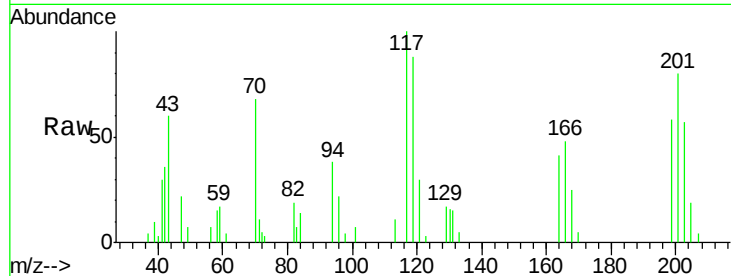
Tgt Ion: 107 Resp: 35199
Ion Ratio Lower Upper
107 100
108 115.5 89.7 134.5
77 61.8 50.1 75.1
79 59.1 45.0 67.6





#18
Hexachloroethane
Concen: 17.68 ng
RT: 8.74 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

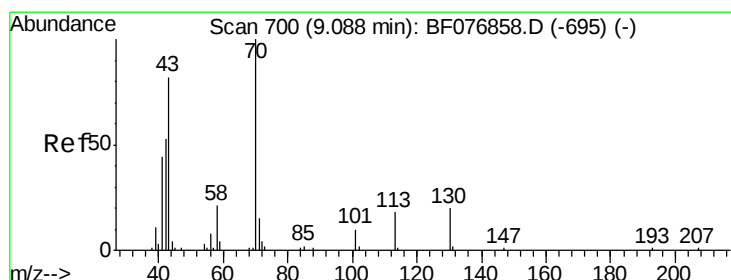
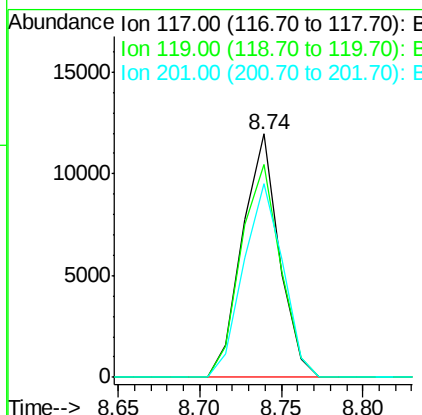
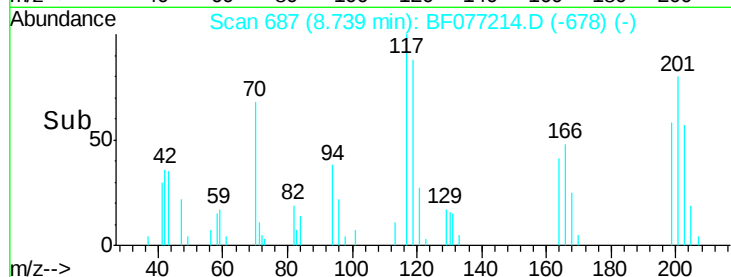
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1A-A2A-A3A-A4AMS



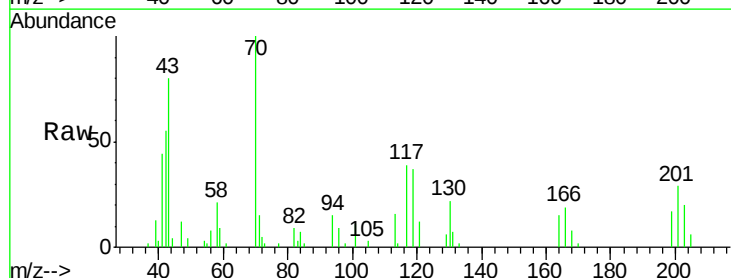
Tgt Ion: 117 Resp: 18682
Ion Ratio Lower Upper
117 100
119 87.6 77.1 115.7
201 79.6 66.8 100.2

Manual Integrations
APPROVED

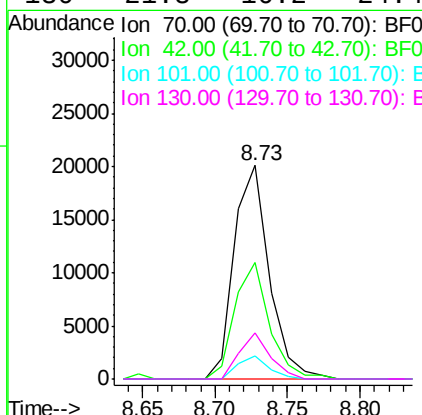
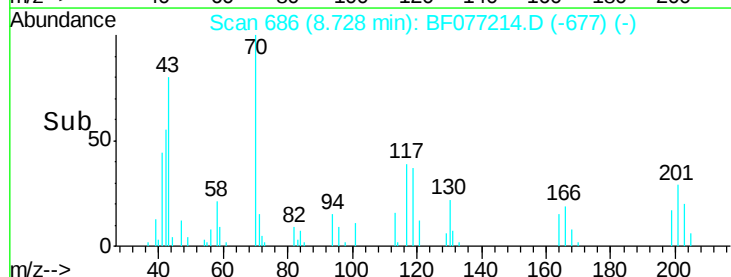
apatel
2/9/2015 1:35:59 PM

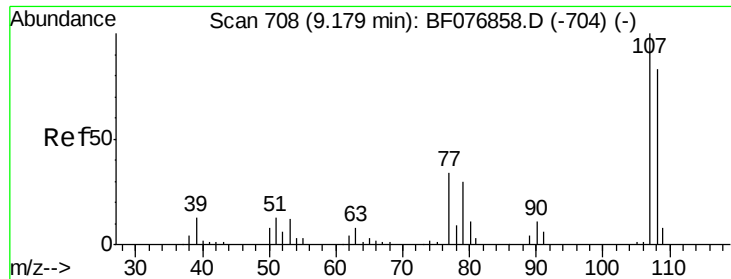


#19
n-Nitroso-di-n-propylamine
Concen: 17.53 ng
RT: 8.73 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03



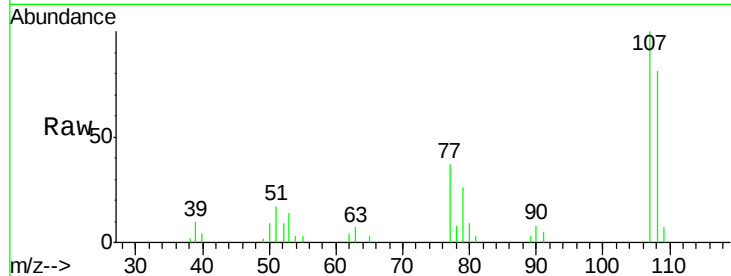
Tgt Ion: 70 Resp: 33813
Ion Ratio Lower Upper
70 100
42 54.6 42.1 63.1
101 10.6 7.8 11.8
130 21.8 16.2 24.4





#20
3+4-Methylphenols
Concen: 14.37 ng
RT: 8.84 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

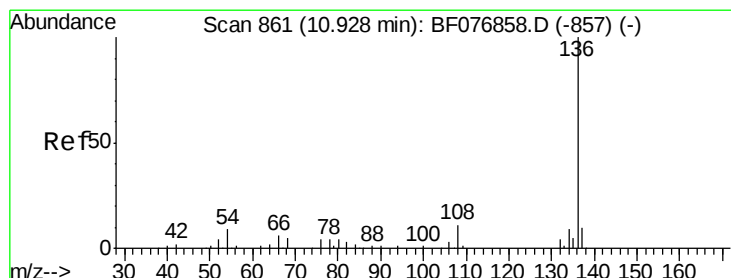
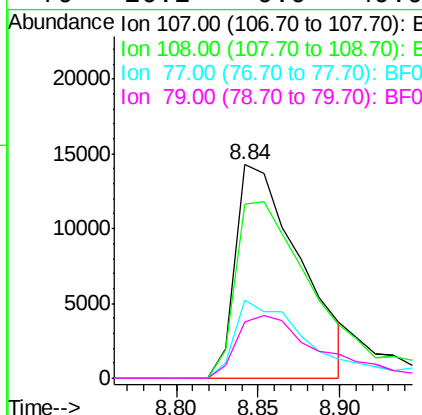
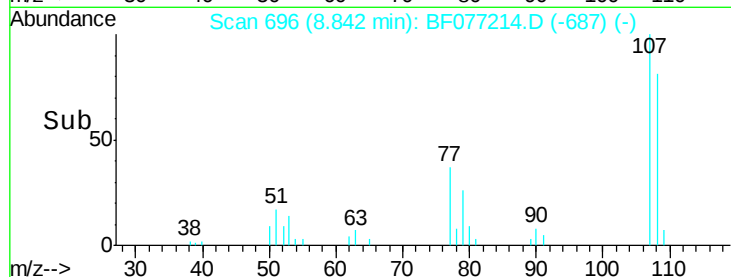
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1A-A2A-A3A-A4AMS



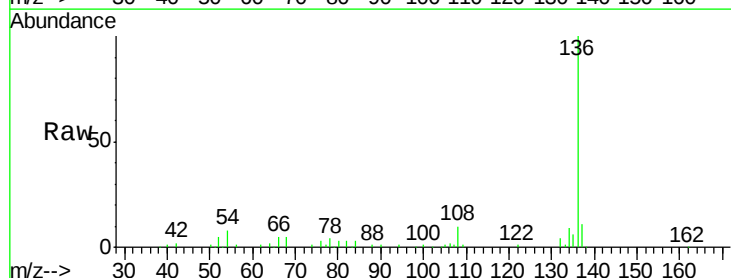
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	39160		
108	81.2	63.5	103.5	
77	36.6	14.0	54.0	
79	26.2	9.9	49.9	

Manual Integrations
APPROVED

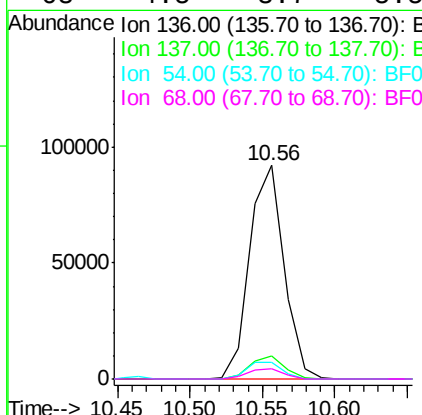
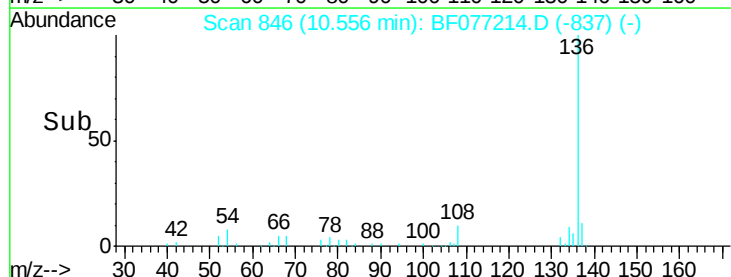
apatel
2/9/2015 1:35:59 PM

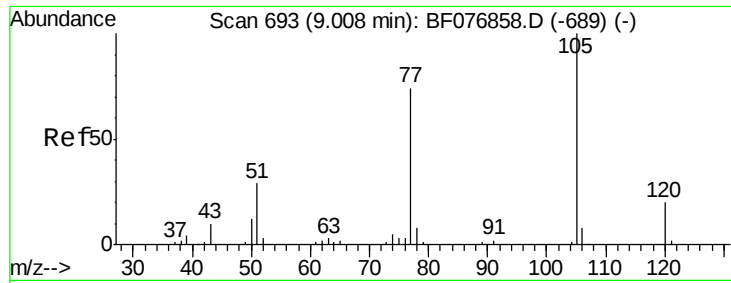


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.56 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	151199		
137	10.8	8.1	12.1	
54	8.0	7.0	10.4	
68	4.5	3.7	5.5	





#22

Acetophenone

Concen: 17.95 ng

RT: 8.65 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF077214.D

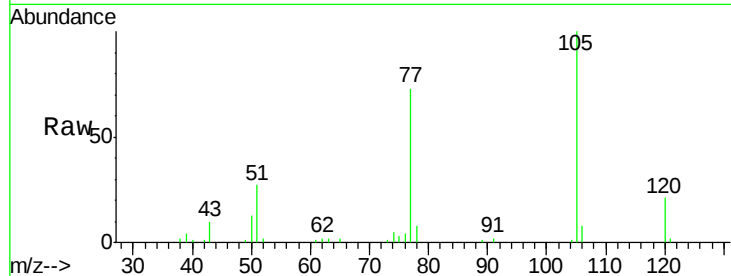
Acq: 6 Feb 2015 22:03

Instrument :

BNA_F

ClientSampleId :

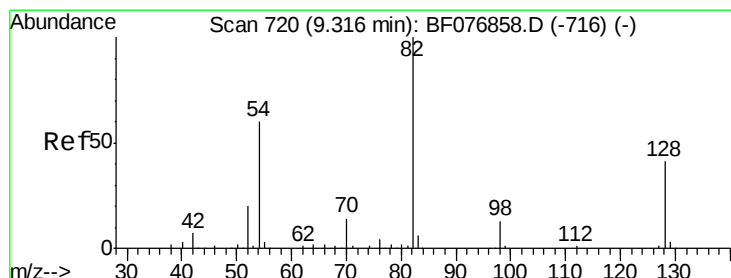
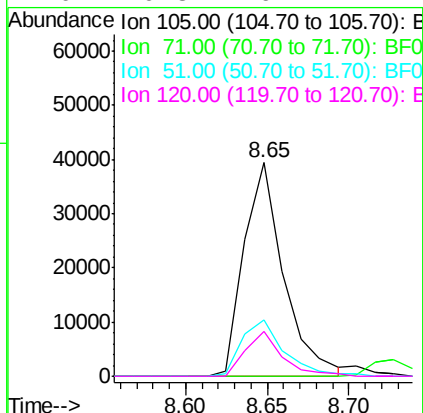
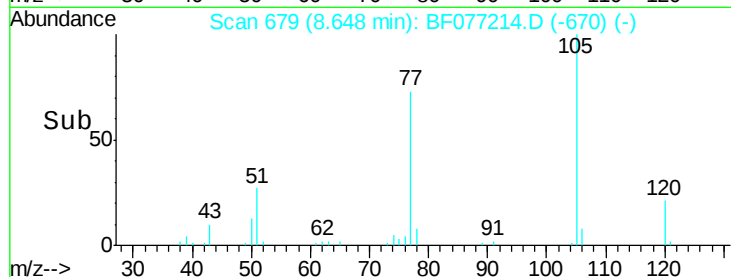
FK-BPM-01-A1A-A2A-A3A-A4AMS



Tgt Ion:	105	Resp:	66481
Ion Ratio	Lower	Upper	
105	100		
71	0.0	0.0	0.0
51	26.7	23.3	34.9
120	20.8	16.1	24.1

Manual Integrations
APPROVED

apatel
2/9/2015 1:35:59 PM



#23

Nitrobenzene-d5

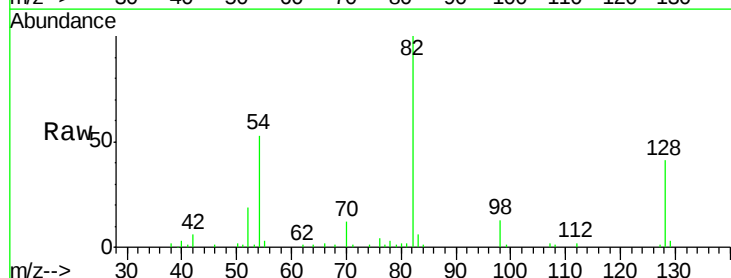
Concen: 37.34 ng

RT: 8.96 min Scan# 706

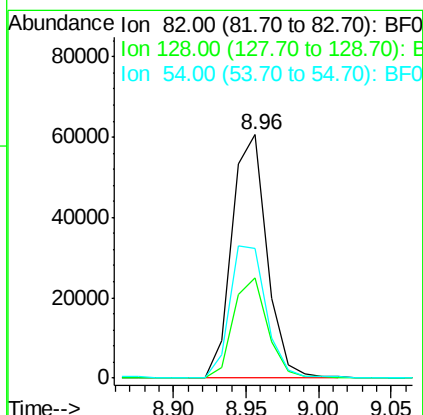
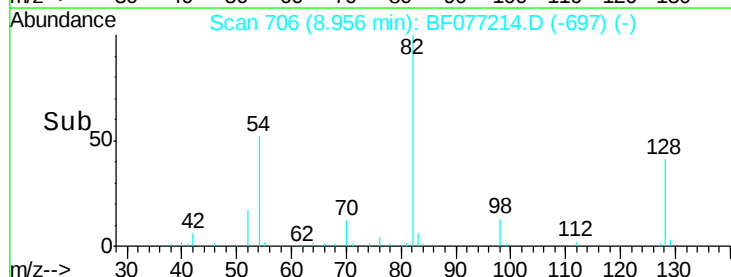
Delta R.T. 0.00 min

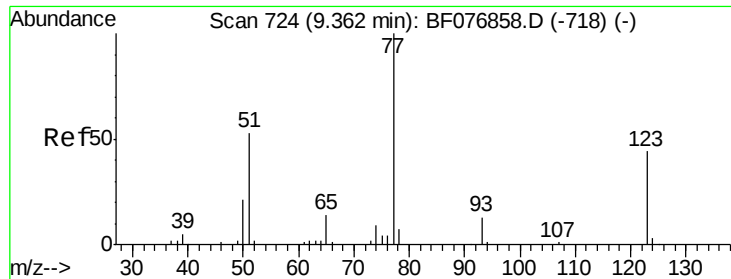
Lab File: BF077214.D

Acq: 6 Feb 2015 22:03



Tgt Ion:	82	Resp:	101900
Ion Ratio	Lower	Upper	
82	100		
128	41.0	33.1	49.7
54	53.1	48.3	72.5





#24

Nitrobenzene

Concen: 16.75 ng

RT: 8.99 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF077214.D

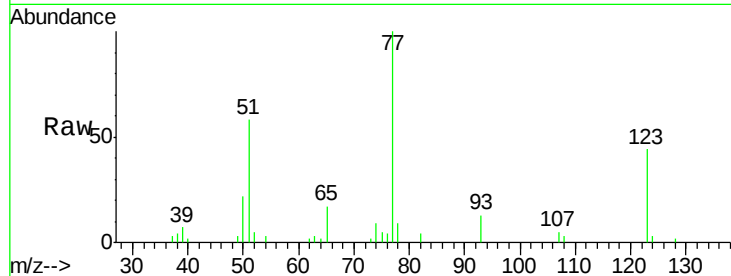
Acq: 6 Feb 2015 22:03

Instrument :

BNA_F

ClientSampleId :

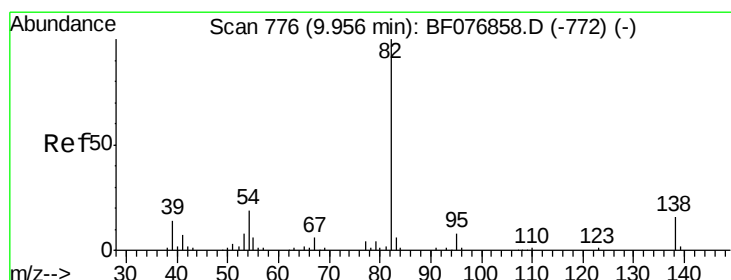
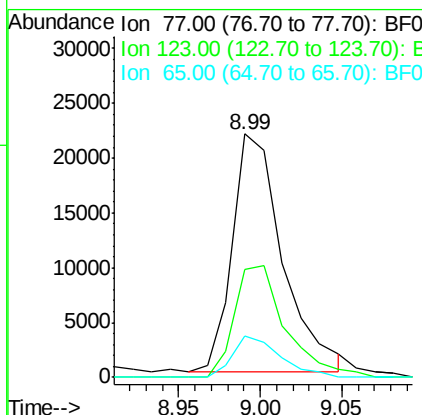
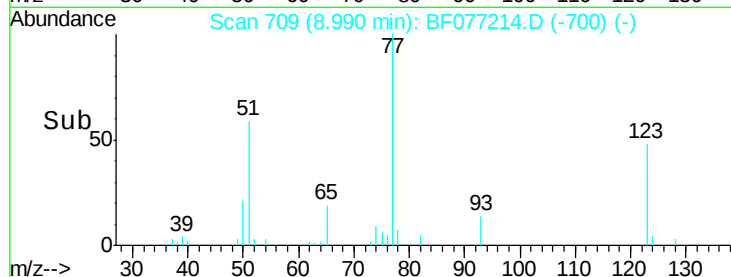
FK-BPM-01-A1A-A2A-A3A-A4AMS



Tgt Ion:	77	Resp:	46578
Ion Ratio	Lower	Upper	
77	100		
123	44.3	35.2	52.8
65	17.2	11.4	17.2#

Manual Integrations
APPROVED

apatel
2/9/2015 1:35:59 PM



#25

Isophorone

Concen: 18.11 ng

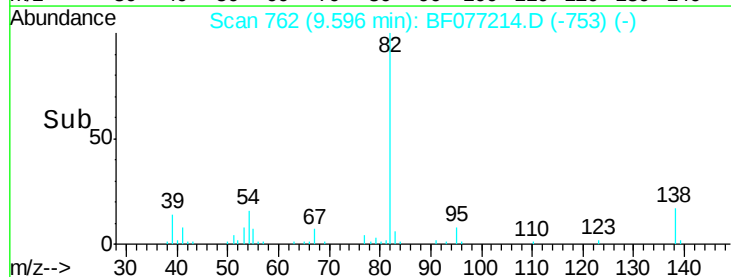
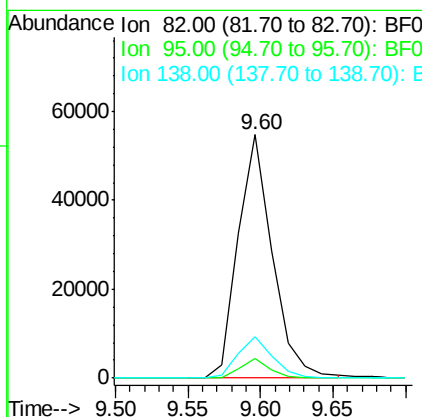
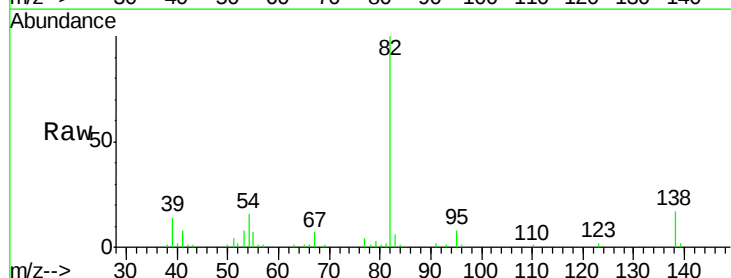
RT: 9.60 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

Tgt Ion:	82	Resp:	90021
Ion Ratio	Lower	Upper	
82	100		
95	7.9	6.6	10.0
138	17.0	12.6	18.8





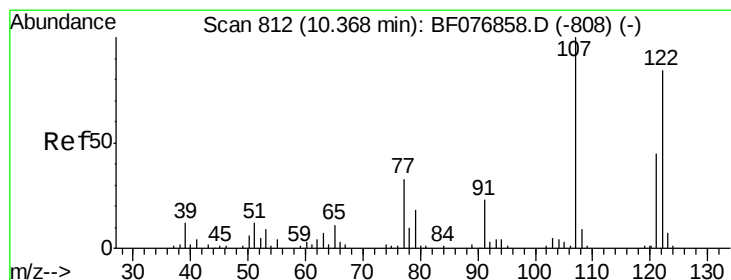
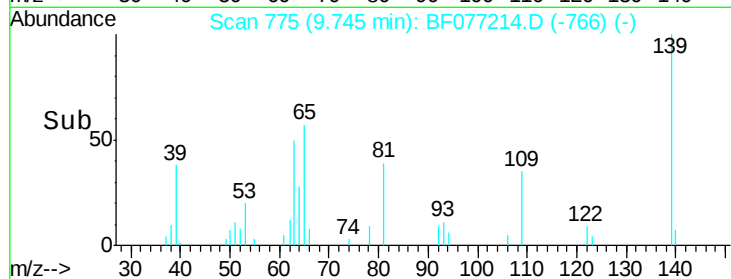
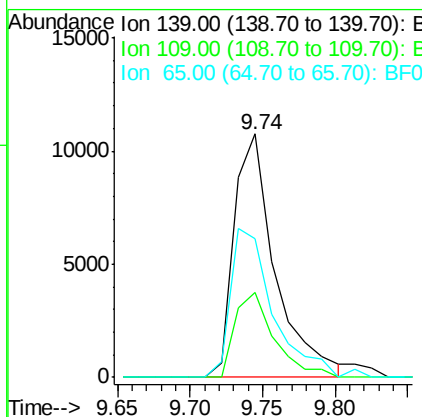
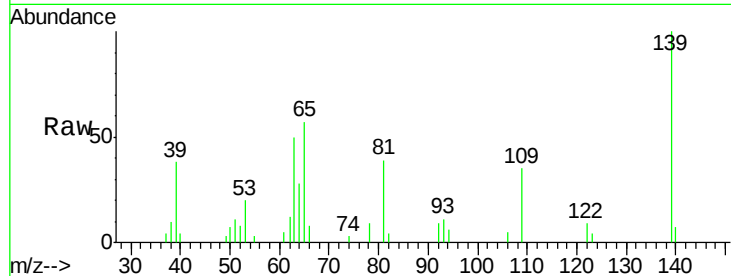
#26
 2-Nitrophenol
 Concen: 16.06 ng
 RT: 9.74 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF077214.D
 Acq: 6 Feb 2015 22:03

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1A-A2A-A3A-A4AMS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	21126		
109	35.1	21.3	31.9#	
65	57.0	39.4	59.0	

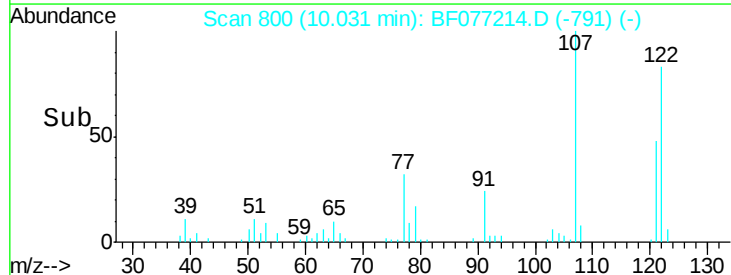
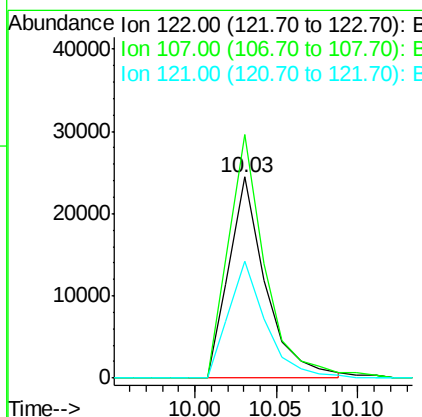
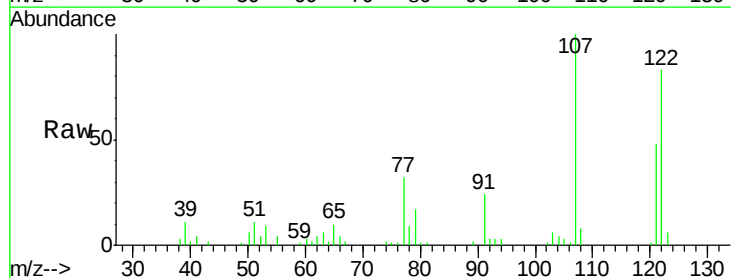
Manual Integrations
 APPROVED

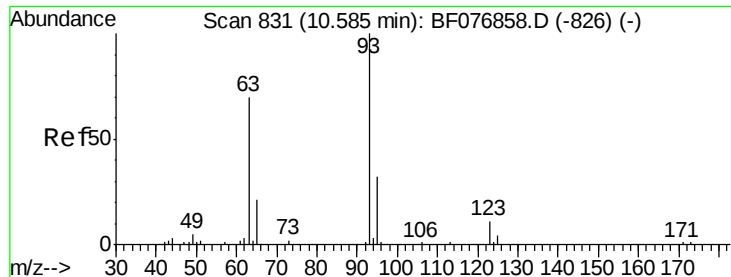
apatel
 2/9/2015 1:35:59 PM



#27
 2,4-Dimethylphenol
 Concen: 17.88 ng
 RT: 10.03 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF077214.D
 Acq: 6 Feb 2015 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	38451		
107	121.1	95.2	142.8	
121	58.2	42.9	64.3	





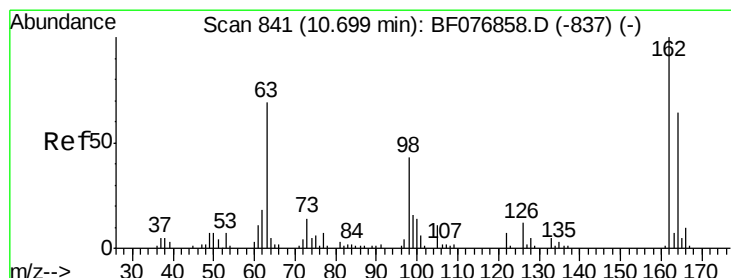
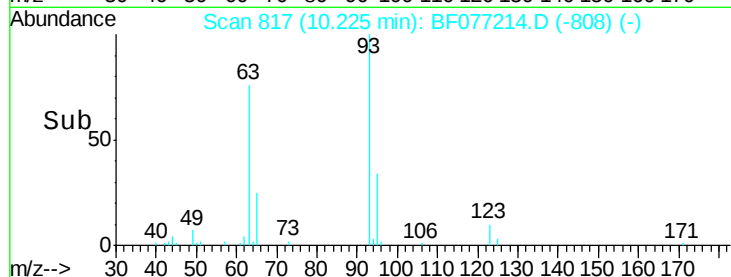
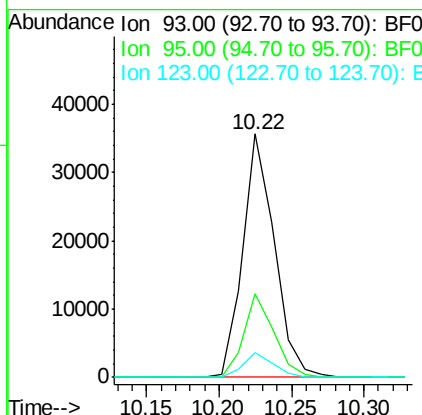
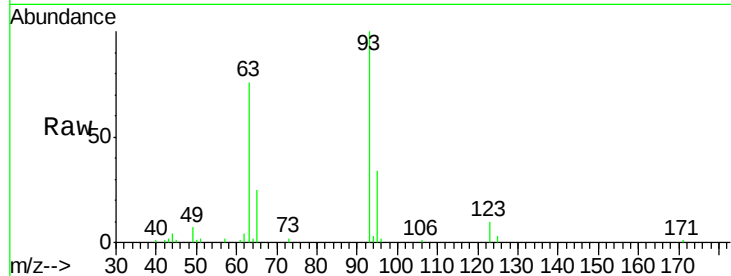
#28
bis(2-Chloroethoxy)methane
Concen: 19.10 ng
RT: 10.22 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1A-A2A-A3A-A4AMS

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.4	25.6	38.4
123	10.1	8.9	13.3

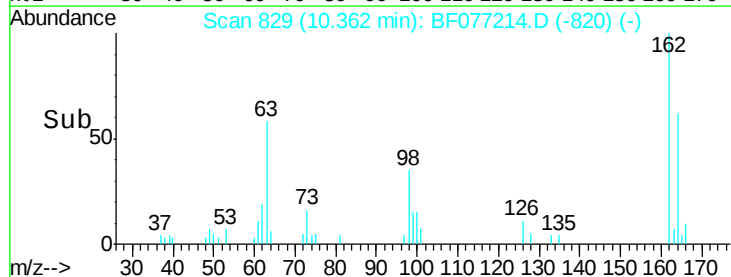
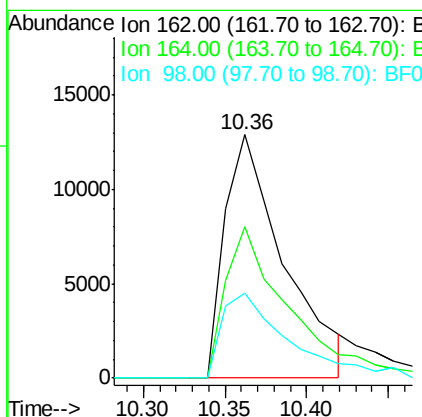
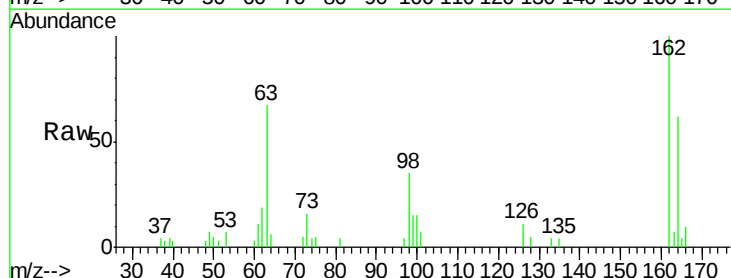
Manual Integrations
APPROVED

apatel
2/9/2015 1:35:59 PM



#29
2,4-Dichlorophenol
Concen: 16.11 ng
RT: 10.36 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.4	43.8	83.8
98	35.0	22.5	62.5





#30

1,2,4-Trichlorobenzene

Concen: 17.91 ng

RT: 10.46 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF077214.D

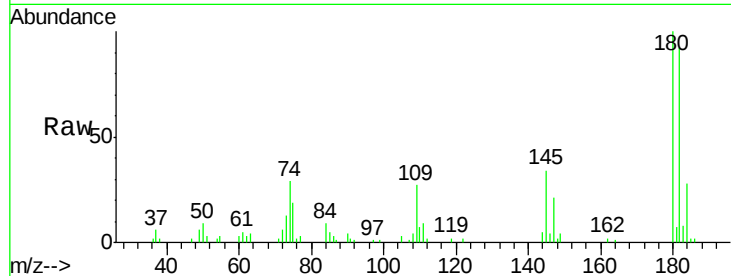
Acq: 6 Feb 2015 22:03

Instrument :

BNA_F

ClientSampleId :

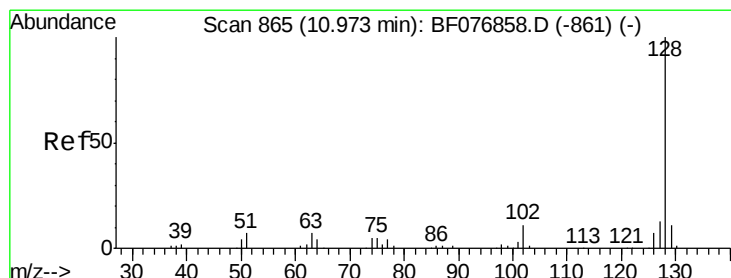
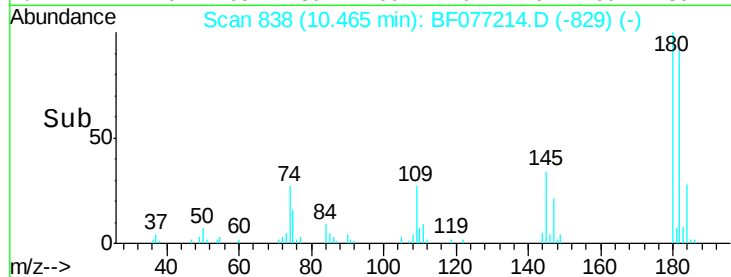
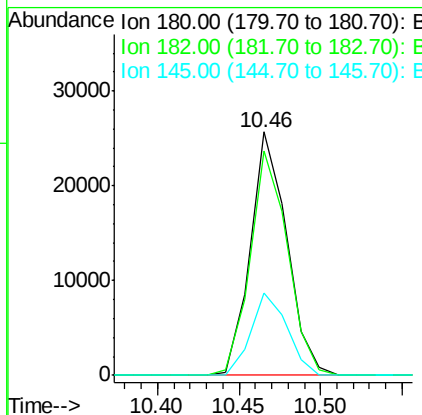
FK-BPM-01-A1A-A2A-A3A-A4AMS



Tgt Ion:	180	Resp:	39868
Ion Ratio	Lower	Upper	
180	100		
182	92.3	73.6	110.4
145	33.6	26.6	39.8

Manual Integrations
APPROVED

apatel
2/9/2015 1:35:59 PM



#31

Naphthalene

Concen: 17.28 ng

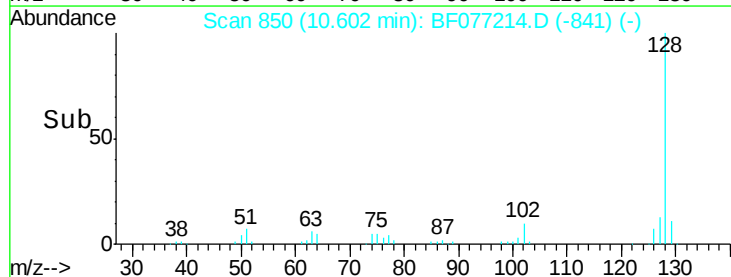
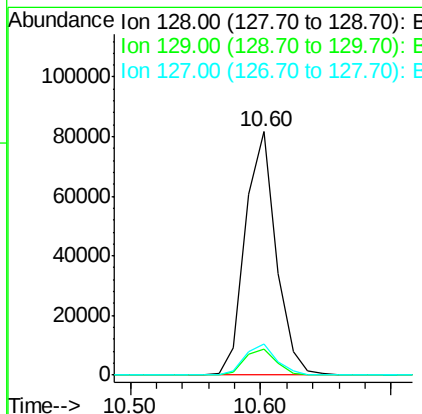
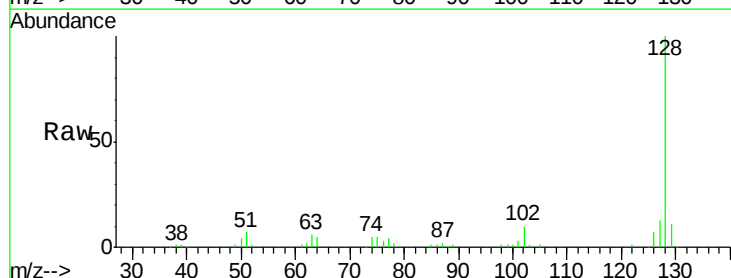
RT: 10.60 min Scan# 850

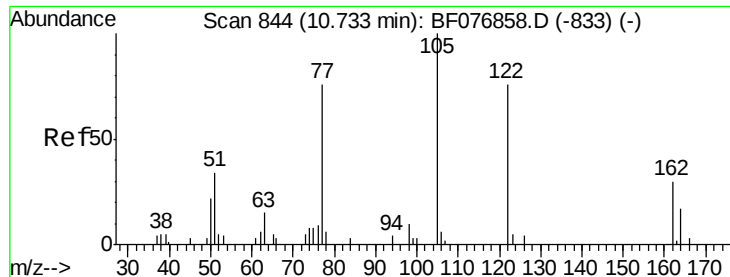
Delta R.T. 0.00 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

Tgt Ion:	128	Resp:	134481
Ion Ratio	Lower	Upper	
128	100		
129	10.8	9.0	13.6
127	12.9	10.2	15.2





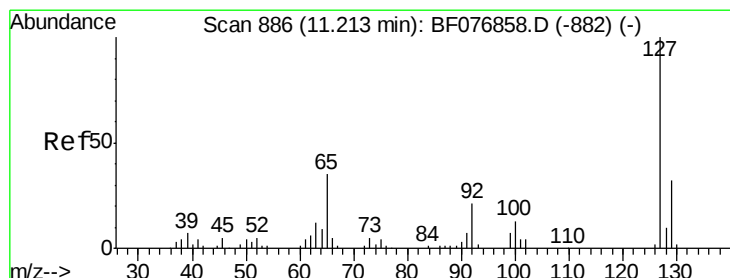
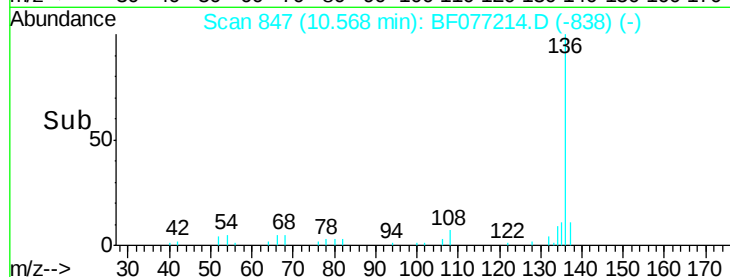
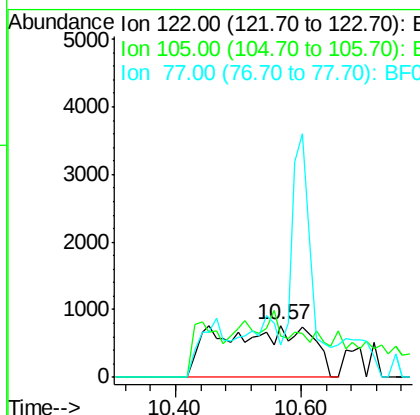
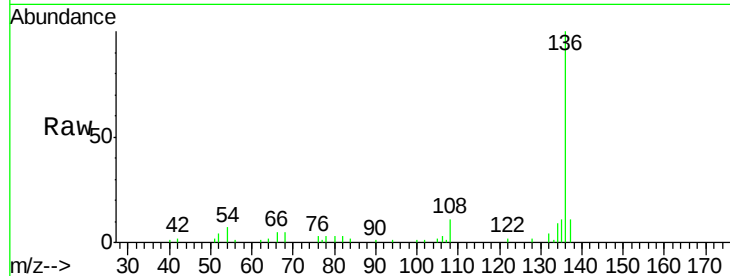
#32
Benzoic acid
Concen: 6.45 ng m
RT: 10.57 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1A-A2A-A3A-A4AMS

Tgt Ion	Ratio	Lower	Upper
122	100		
105	80.0	111.3	151.3#
77	62.9	79.2	119.2#

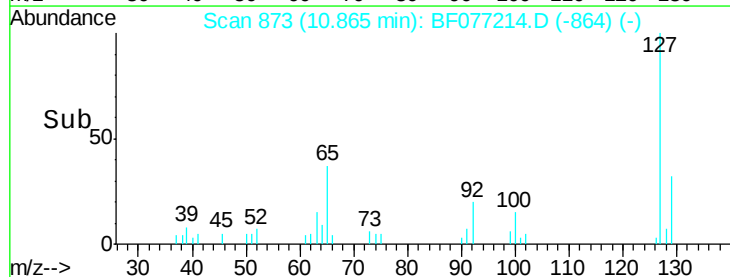
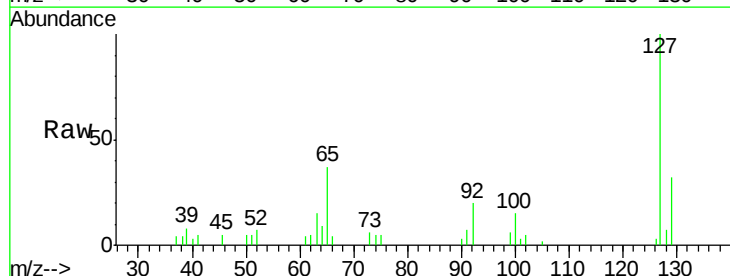
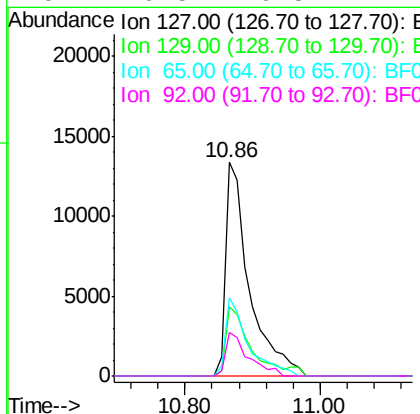
Manual Integrations
APPROVED

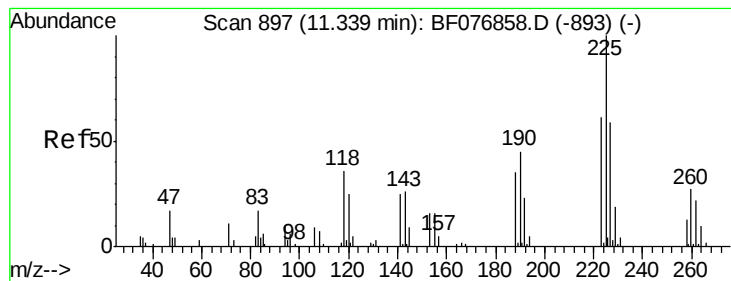
apatel
2/9/2015 1:35:59 PM



#33
4-Chloroaniline
Concen: 10.34 ng m
RT: 10.86 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.3	37.9
65	36.6	27.8	41.6
92	20.5	16.5	24.7





#34

Hexachlorobutadiene

Concen: 16.70 ng

RT: 10.97 min Scan# 882

Delta R.T. 0.00 min

Lab File: BF077214.D

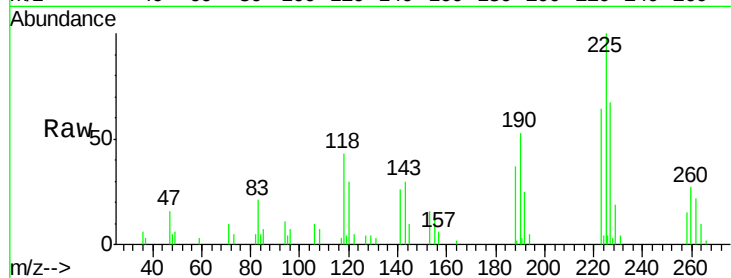
Acq: 6 Feb 2015 22:03

Instrument :

BNA_F

ClientSampleId :

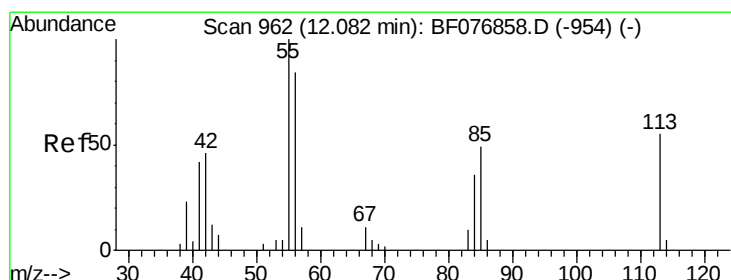
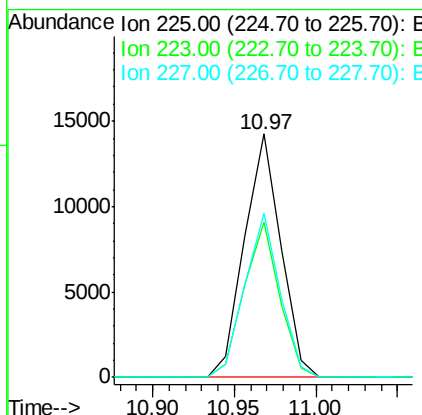
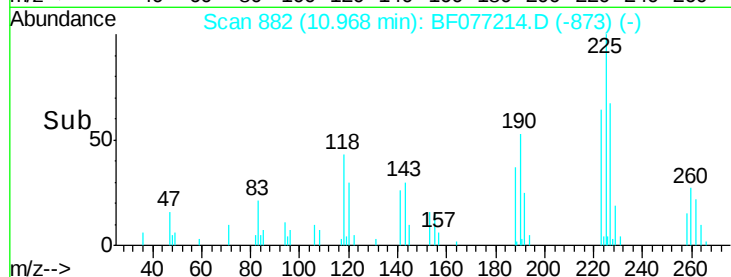
FK-BPM-01-A1A-A2A-A3A-A4AMS



Tgt Ion:	225	Resp:	22056
Ion Ratio	Lower	Upper	
225	100		
223	64.0	49.1	73.7
227	67.4	47.5	71.3

Manual Integrations
APPROVED

apatel
2/9/2015 1:35:59 PM



#35

Caprolactam

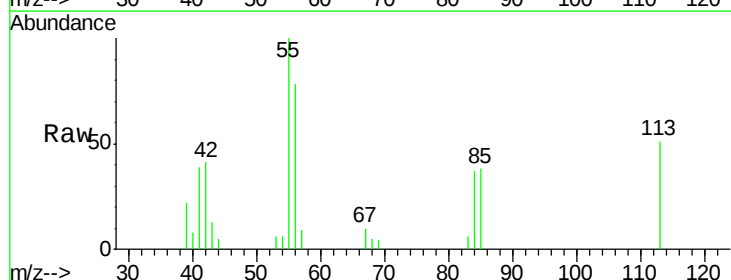
Concen: 15.72 ng

RT: 11.69 min Scan# 945

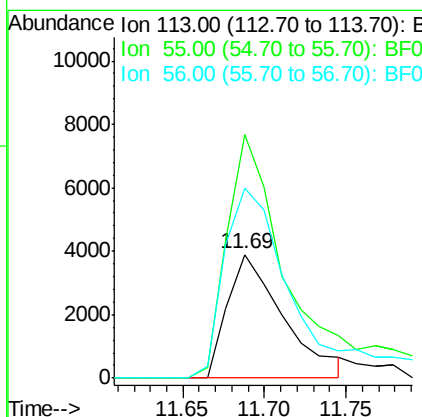
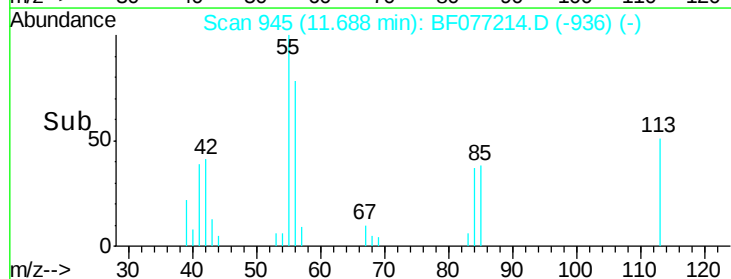
Delta R.T. 0.00 min

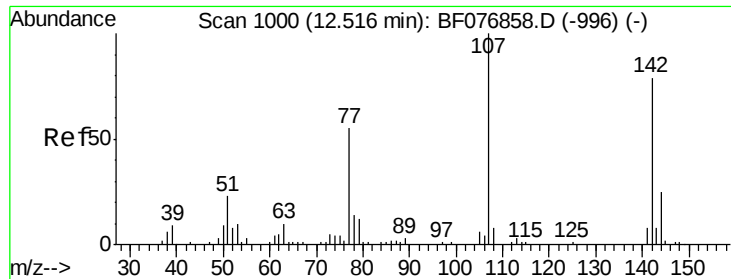
Lab File: BF077214.D

Acq: 6 Feb 2015 22:03



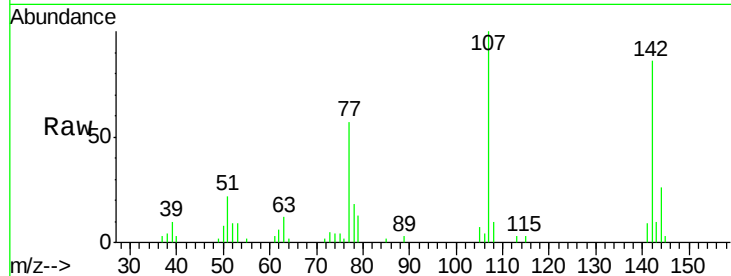
Tgt Ion:	113	Resp:	9273
Ion Ratio	Lower	Upper	
113	100		
55	196.5	162.1	202.1
56	153.2	133.7	173.7





#36
 4-Chloro-3-methylphenol
 Concen: 17.46 ng
 RT: 12.18 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BF077214.D
 Acq: 6 Feb 2015 22:03

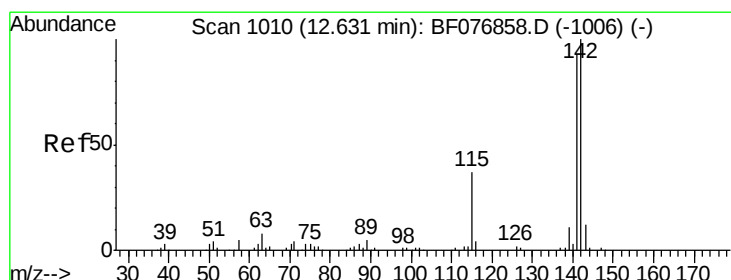
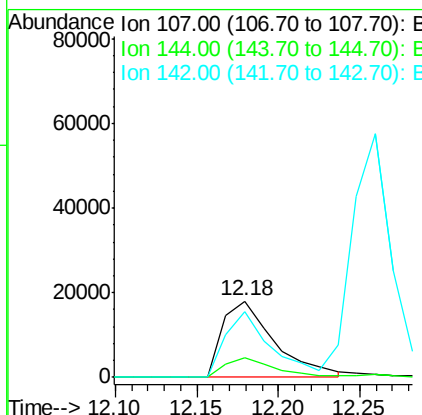
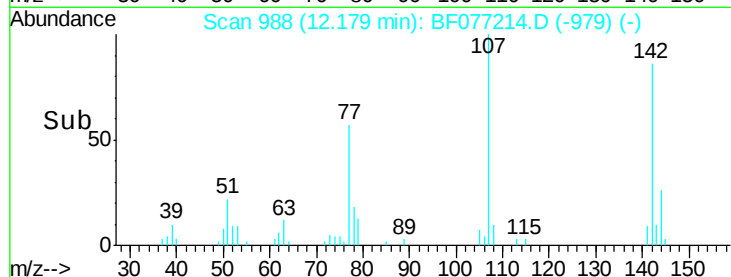
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1A-A2A-A3A-A4AMS



Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	20.0	30.0
142	85.5	63.5	95.3

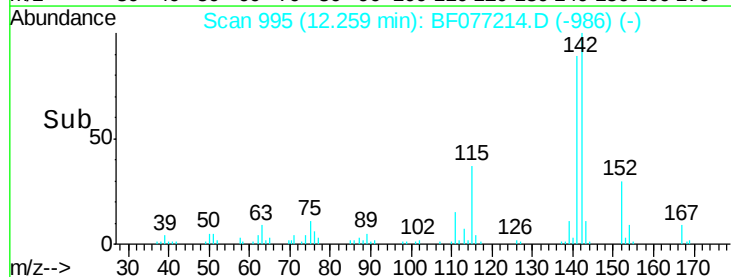
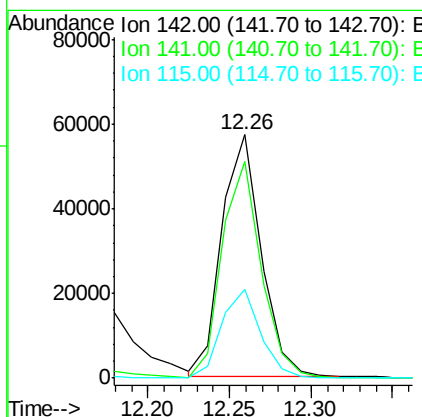
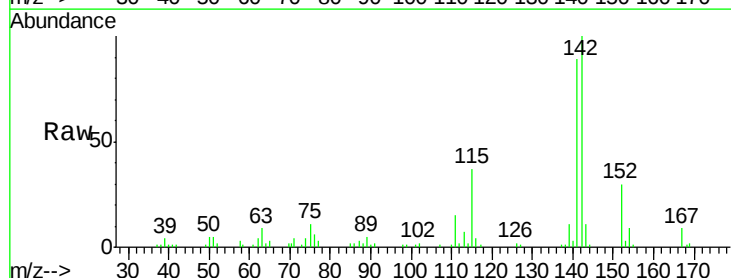
Manual Integrations
 APPROVED

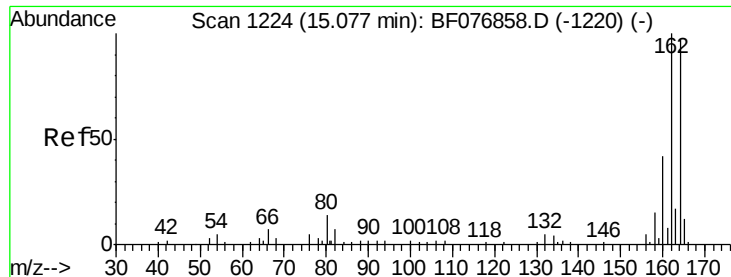
apatel
 2/9/2015 1:35:59 PM



#37
 2-Methylnaphthalene
 Concen: 17.89 ng
 RT: 12.26 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF077214.D
 Acq: 6 Feb 2015 22:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	74.5	111.7
115	36.7	29.7	44.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.67 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BF077214.D

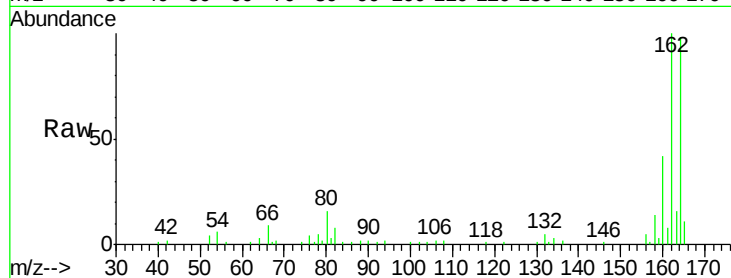
Acq: 6 Feb 2015 22:03

Instrument :

BNA_F

ClientSampleId :

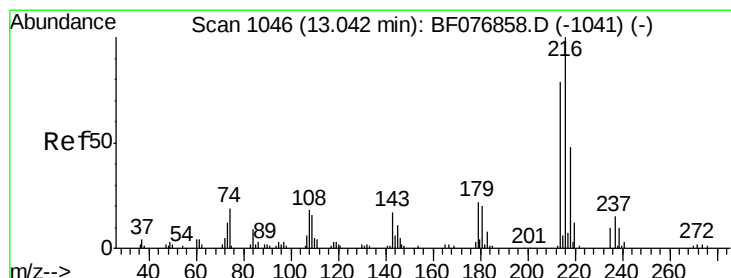
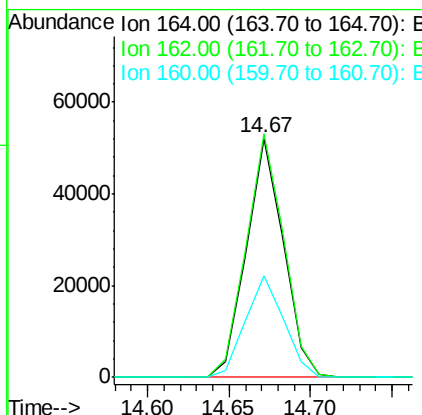
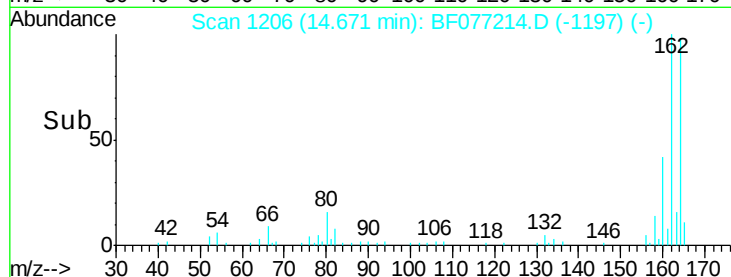
FK-BPM-01-A1A-A2A-A3A-A4AMS



Tgt Ion:	164	Resp:	82220
Ion Ratio	Lower	Upper	
164	100		
162	102.1	82.4	123.6
160	42.5	34.8	52.2

Manual Integrations
APPROVED

apatel
2/9/2015 1:35:59 PM



#39

1,2,4,5-Tetrachlorobenzene

Concen: 18.53 ng

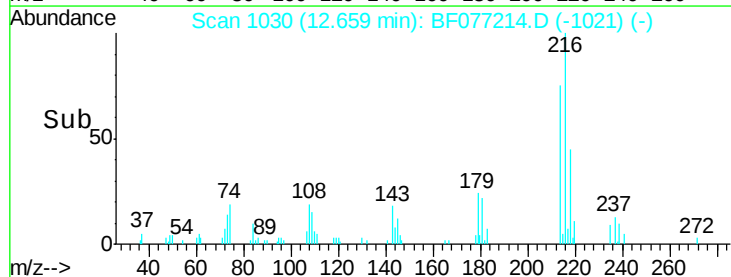
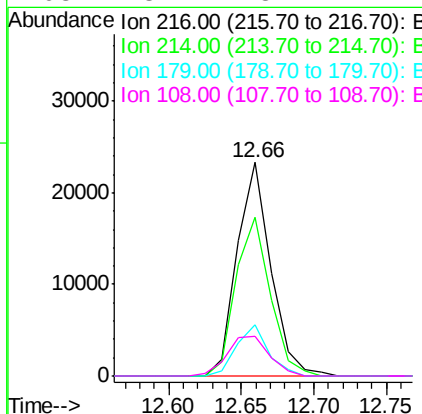
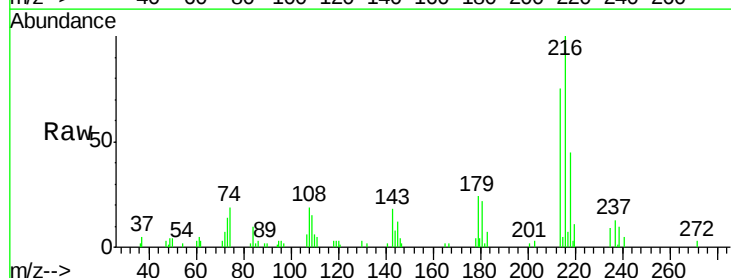
RT: 12.66 min Scan# 1030

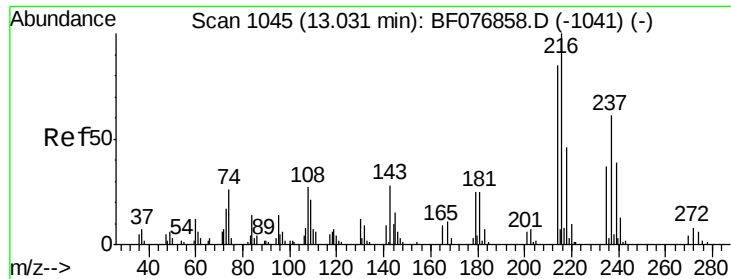
Delta R.T. 0.00 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

Tgt Ion:	216	Resp:	37668
Ion Ratio	Lower	Upper	
216	100		
214	75.8	64.9	97.3
179	22.5	18.6	28.0
108	23.4	18.1	27.1





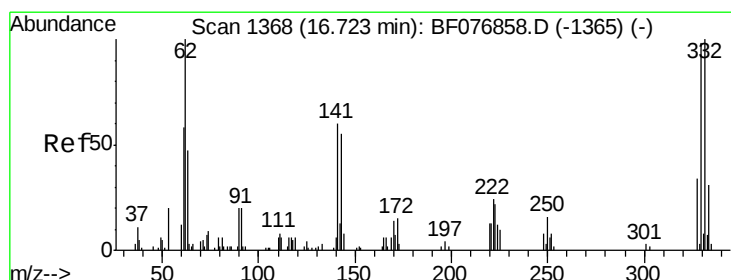
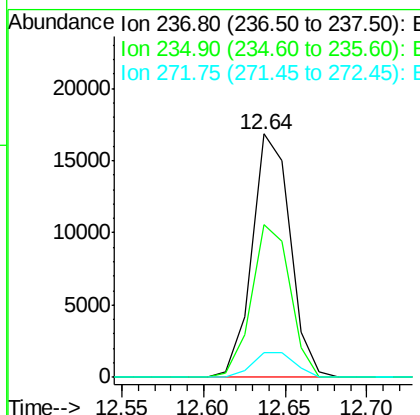
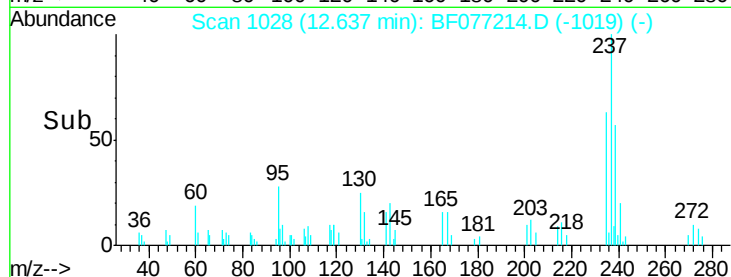
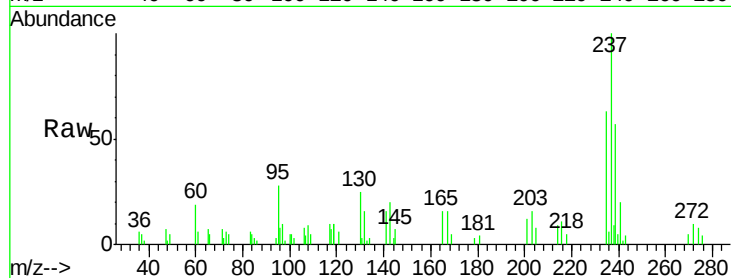
#40
Hexachlorocyclopentadiene
Concen: 28.17 ng
RT: 12.64 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1A-A2A-A3A-A4AMS

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	27385		
235	62.7	40.4	80.4	
272	9.9	0.0	33.2	

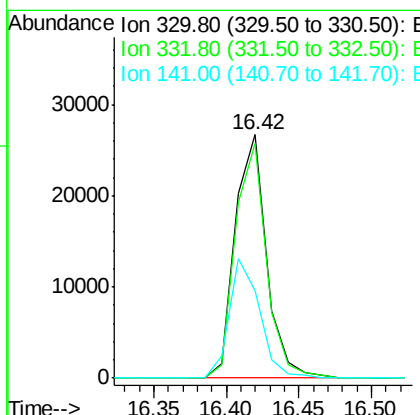
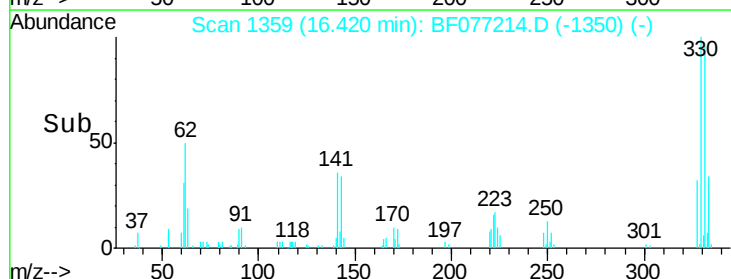
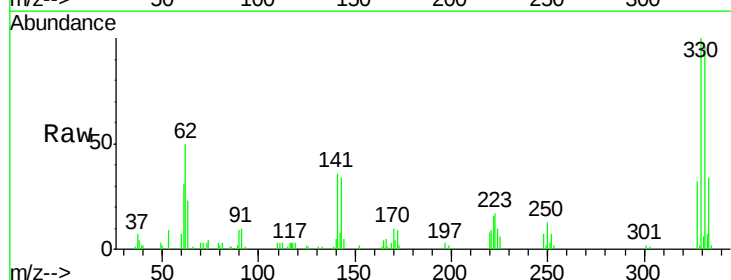
Manual Integrations
APPROVED

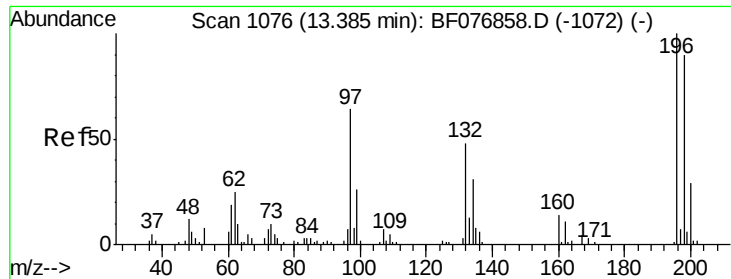
apatel
2/9/2015 1:35:59 PM



#41
2,4,6-Tribromophenol
Concen: 60.18 ng
RT: 16.42 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	40165		
332	95.9	77.8	116.6	
141	47.8	38.5	57.7	





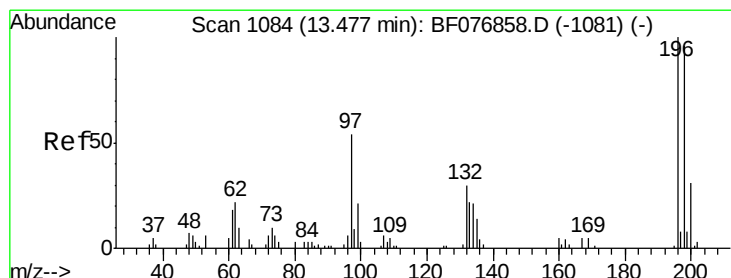
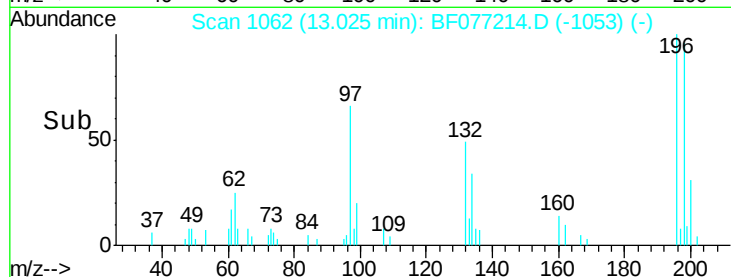
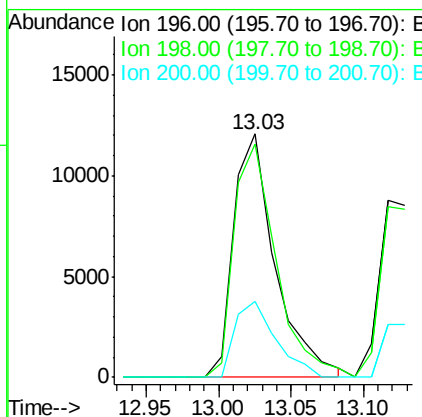
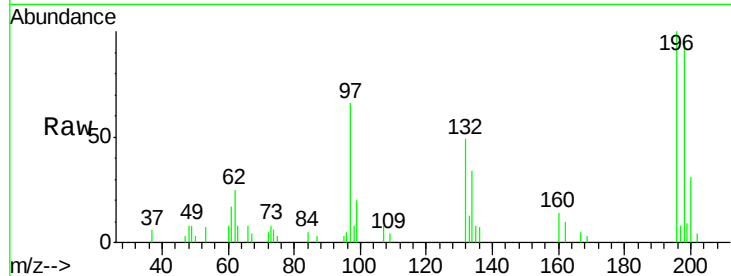
#42
 2,4,6-Trichlorophenol
 Concen: 16.28 ng
 RT: 13.03 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BF077214.D
 Acq: 6 Feb 2015 22:03

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1A-A2A-A3A-A4AMS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	24111		
198	95.9	72.0	108.0	
200	31.2	23.4	35.2	

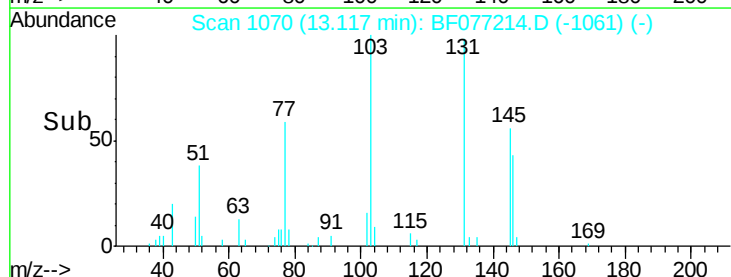
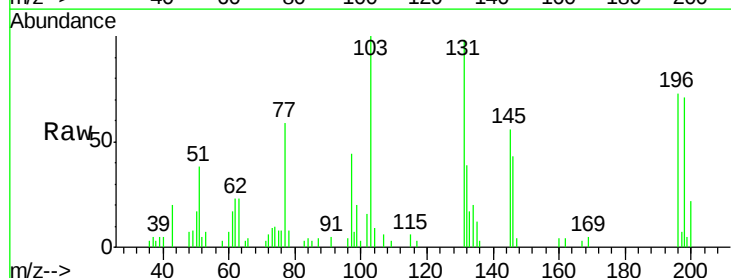
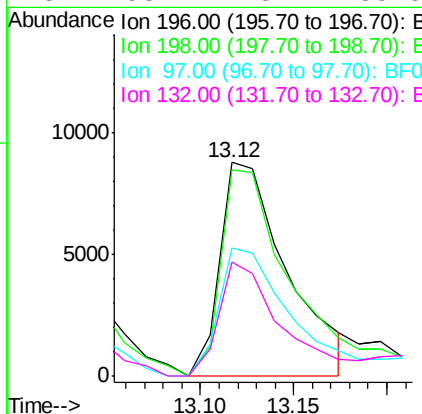
Manual Integrations
 APPROVED

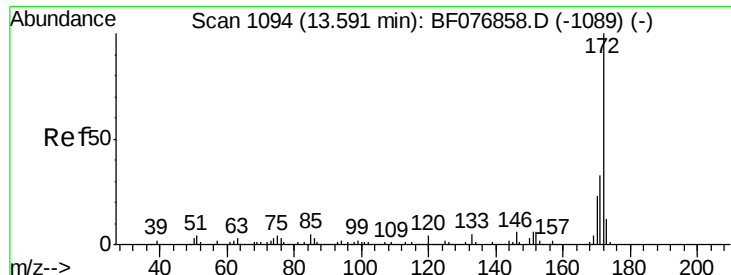
apatel
 2/9/2015 1:35:59 PM



#43
 2,4,5-Trichlorophenol
 Concen: 14.58 ng
 RT: 13.12 min Scan# 1070
 Delta R.T. 0.00 min
 Lab File: BF077214.D
 Acq: 6 Feb 2015 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	22024		
198	96.4	76.6	115.0	
97	59.7	43.4	65.0	
132	53.1	23.7	35.5#	





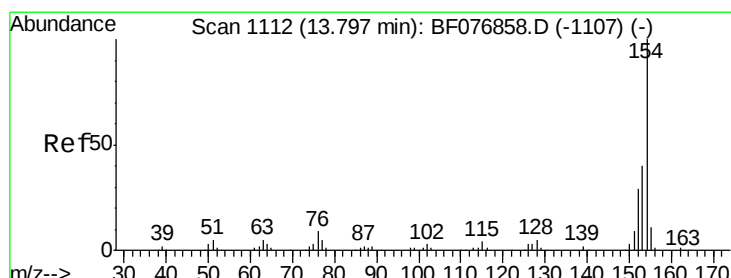
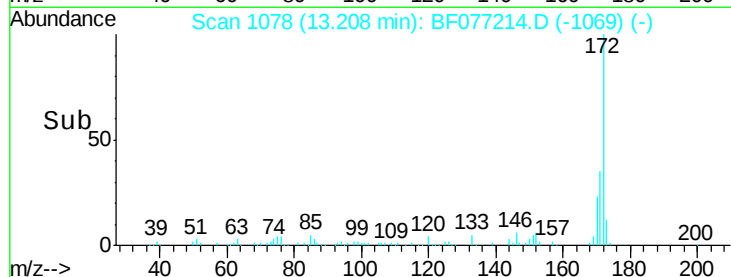
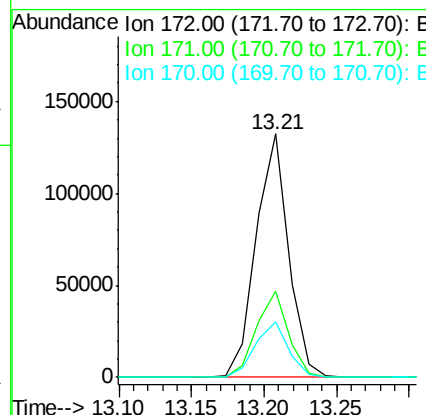
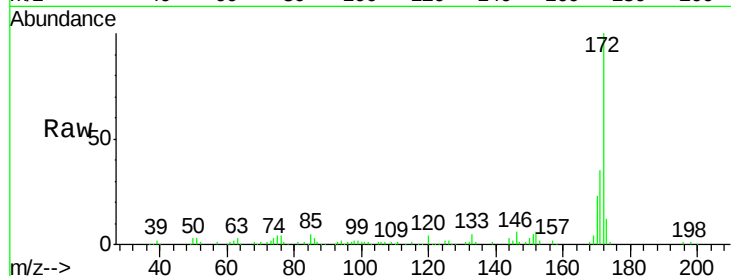
#44
2-Fluorobiphenyl
Concen: 38.00 ng
RT: 13.21 min Scan# 1078
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1A-A2A-A3A-A4AMS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	26.6	40.0
170	22.8	18.0	27.0

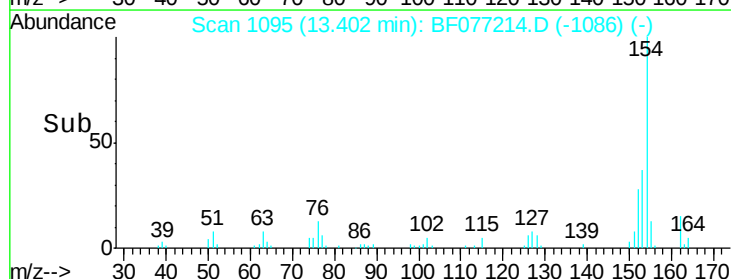
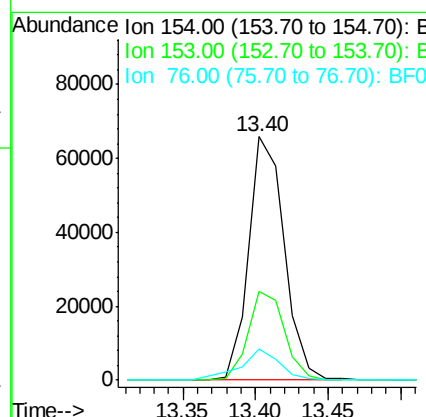
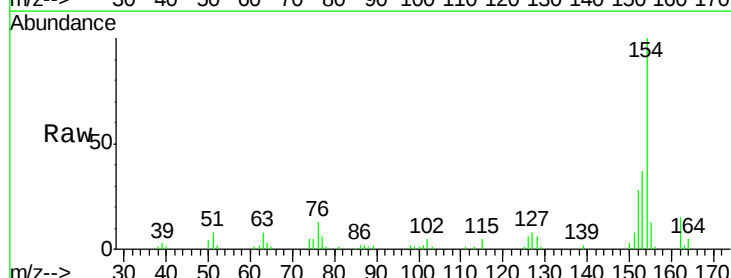
Manual Integrations
APPROVED

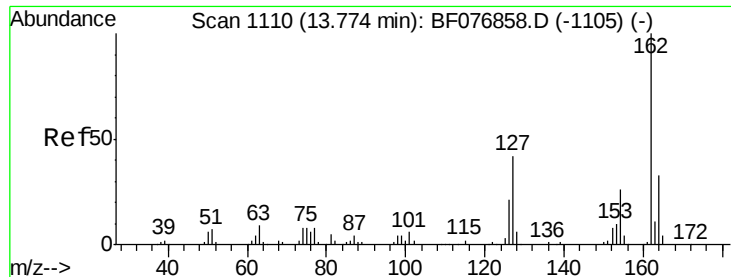
apatel
2/9/2015 1:35:59 PM



#45
1,1'-Biphenyl
Concen: 18.39 ng
RT: 13.40 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	36.7	20.2	60.2
76	12.6	0.0	29.0





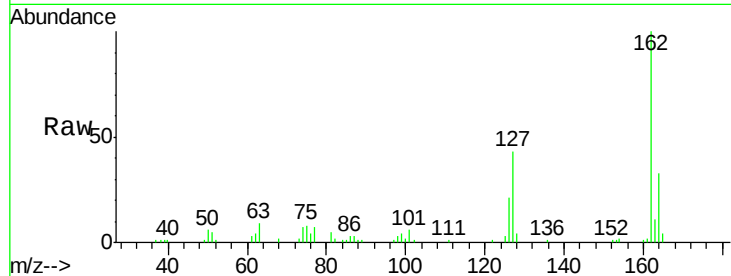
#46
2-Chloronaphthalene
Concen: 17.95 ng
RT: 13.38 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1A-A2A-A3A-A4AMS

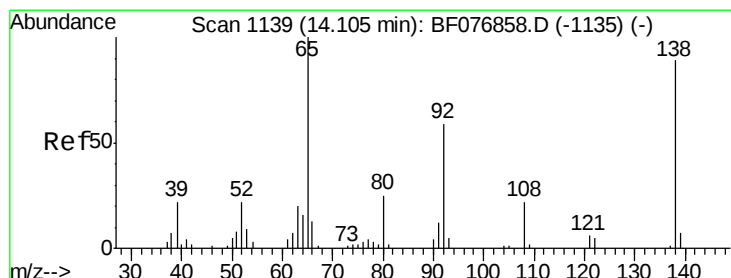
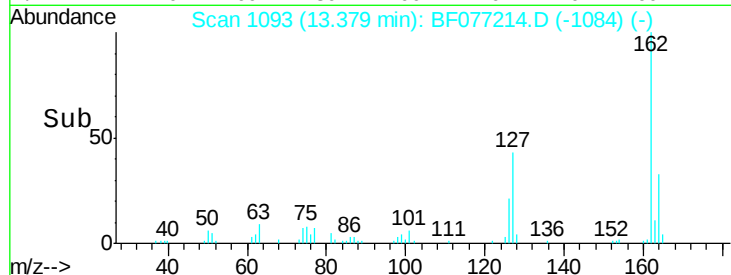
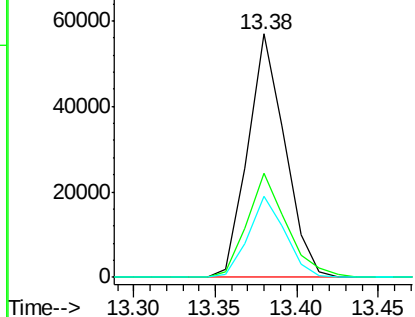
Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.9	33.8	50.6
164	33.2	26.8	40.2

Manual Integrations
APPROVED

apatel
2/9/2015 1:35:59 PM

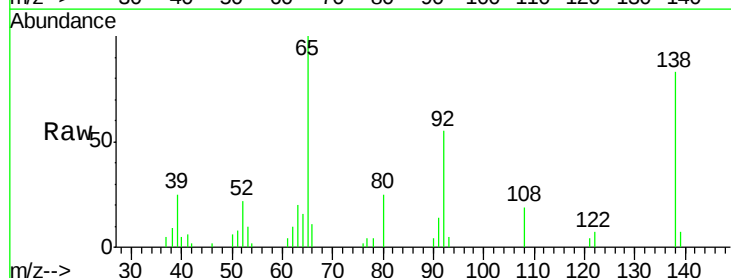


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

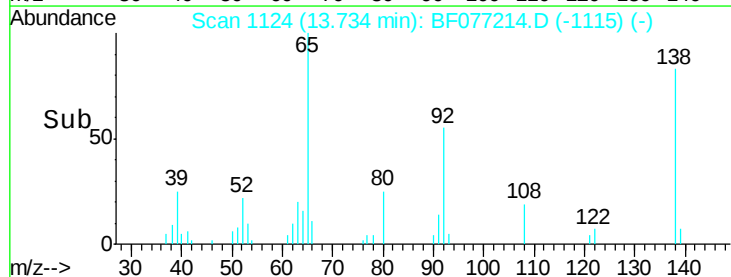
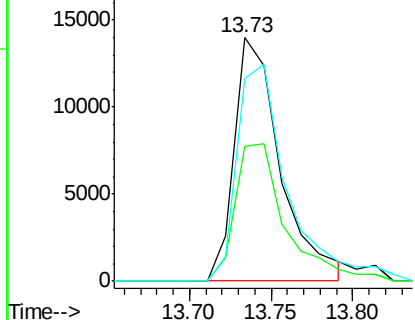


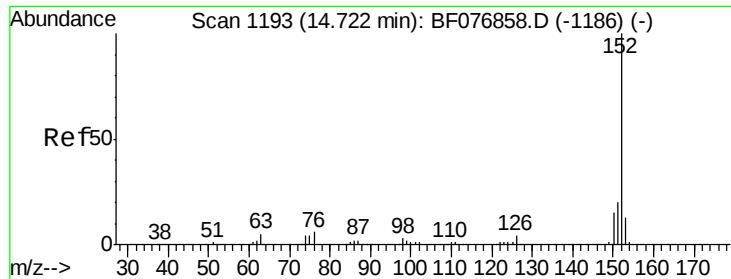
#47
2-Nitroaniline
Concen: 18.06 ng
RT: 13.73 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	55.2	47.3	70.9
138	83.2	71.4	107.2



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





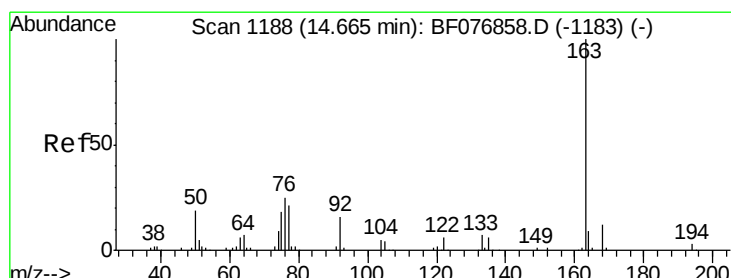
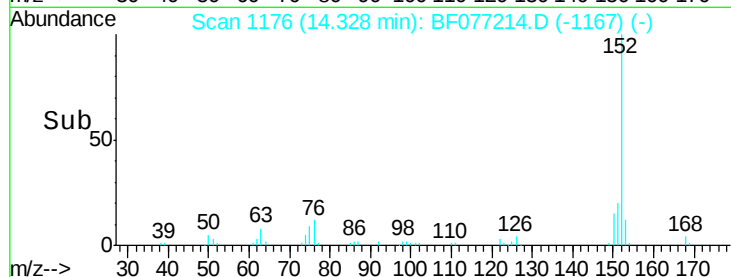
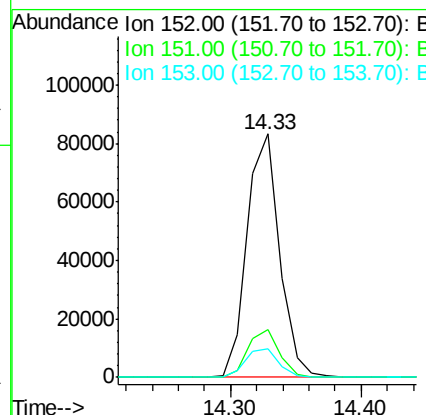
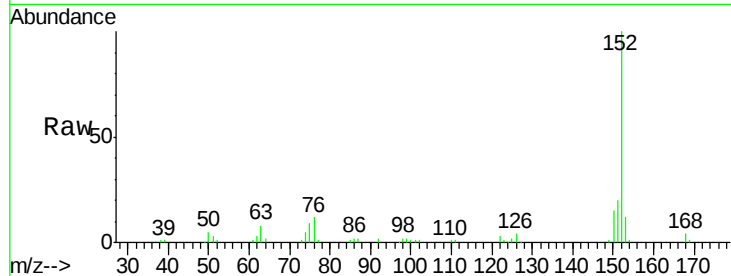
#48
Acenaphthylene
Concen: 17.07 ng
RT: 14.33 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1A-A2A-A3A-A4AMS

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	12.0	10.2	15.4

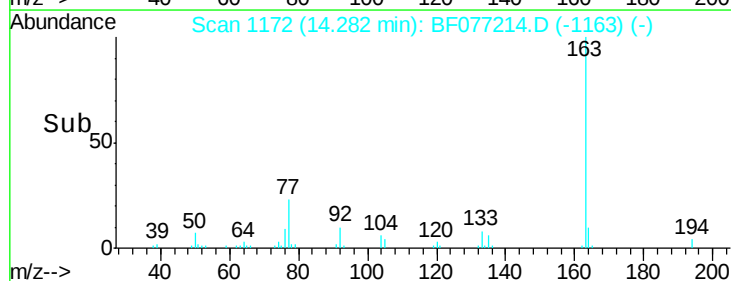
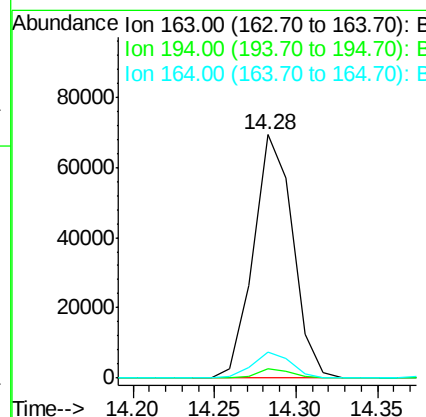
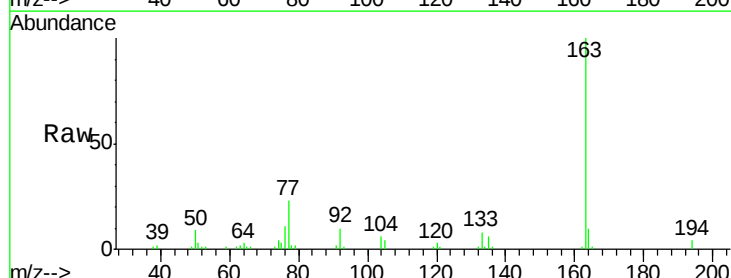
Manual Integrations
APPROVED

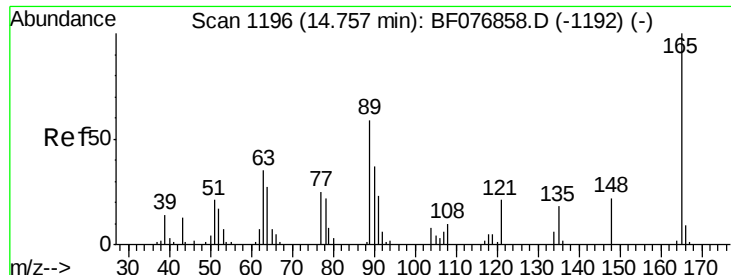
apatel
2/9/2015 1:35:59 PM



#49
Dimethylphthalate
Concen: 19.91 ng
RT: 14.28 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.5	7.5	11.3





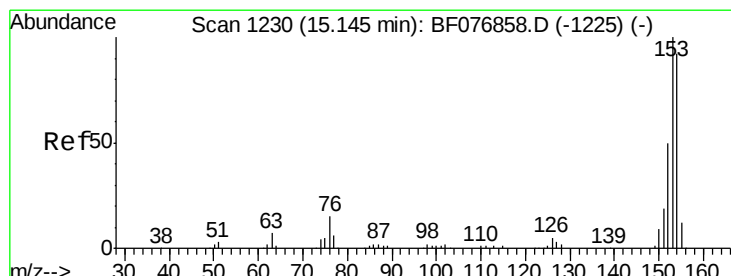
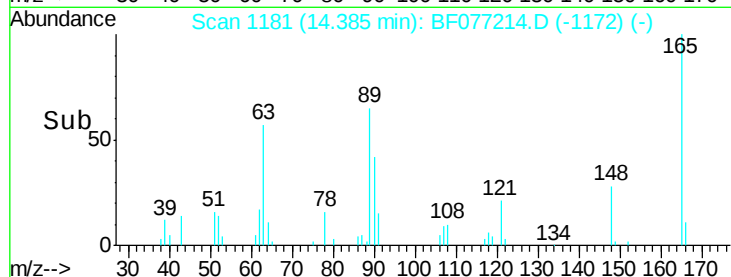
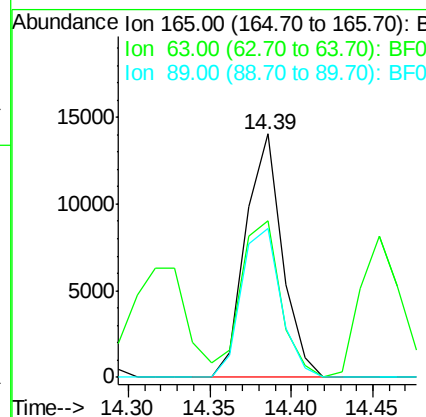
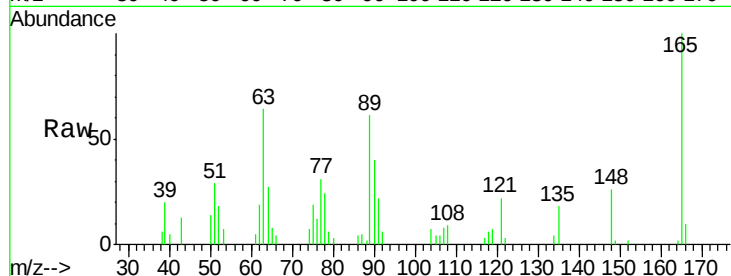
#50
2,6-Dinitrotoluene
Concen: 18.68 ng
RT: 14.39 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1A-A2A-A3A-A4AMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	64.1	48.1	72.1
89	61.3	47.2	70.8

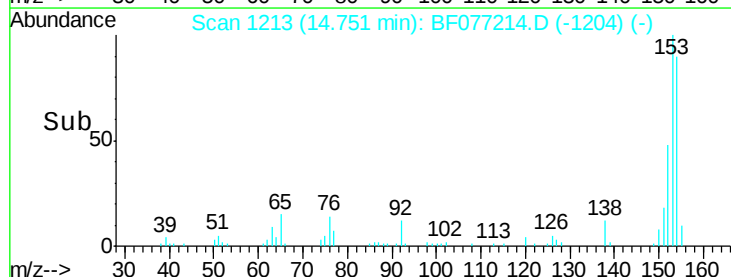
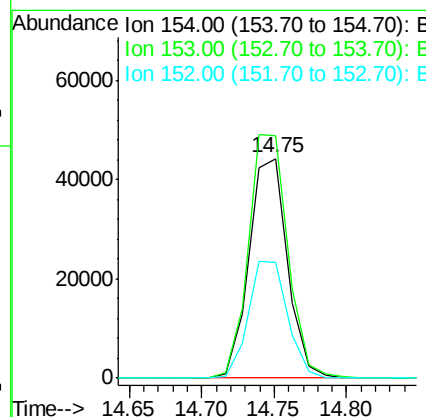
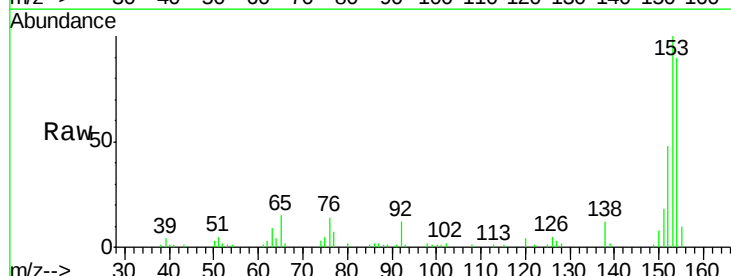
Manual Integrations
APPROVED

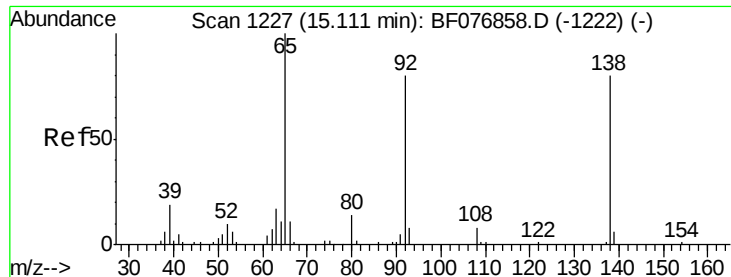
apatel
2/9/2015 1:35:59 PM



#51
Acenaphthene
Concen: 16.96 ng
RT: 14.75 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	110.5	87.0	130.6
152	52.7	43.5	65.3





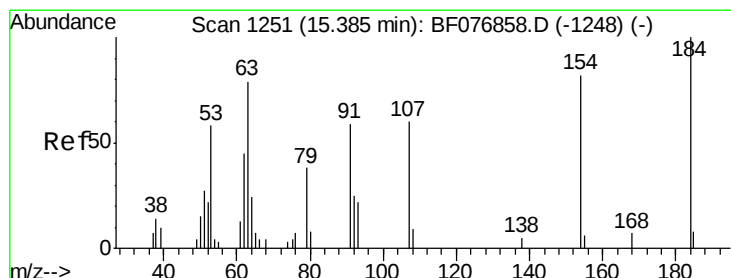
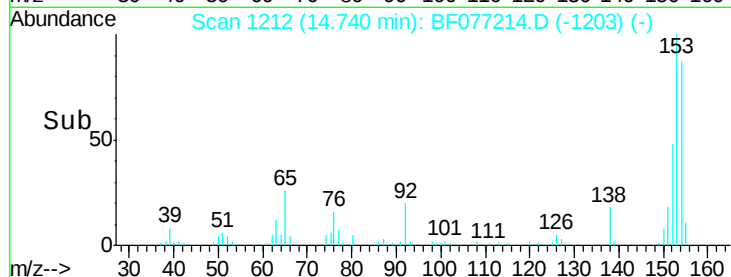
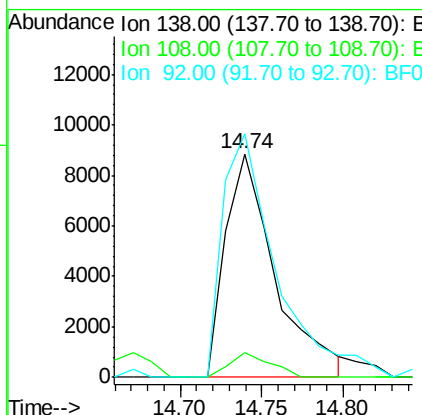
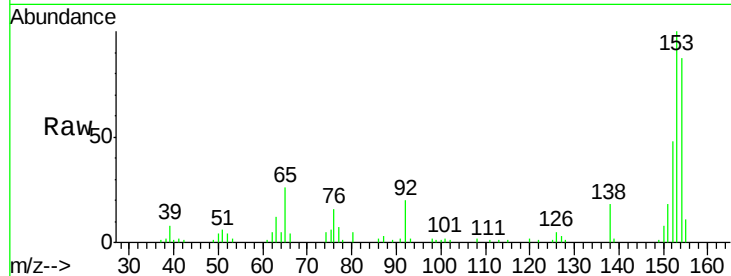
#52
3-Nitroaniline
Concen: 13.64 ng
RT: 14.74 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1A-A2A-A3A-A4AMS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	18700		
108	11.2	8.3	12.5	
92	109.0	80.9	121.3	

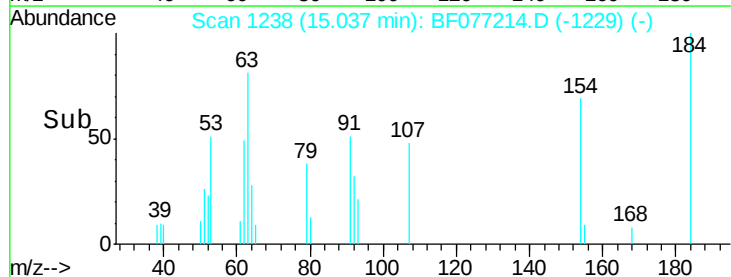
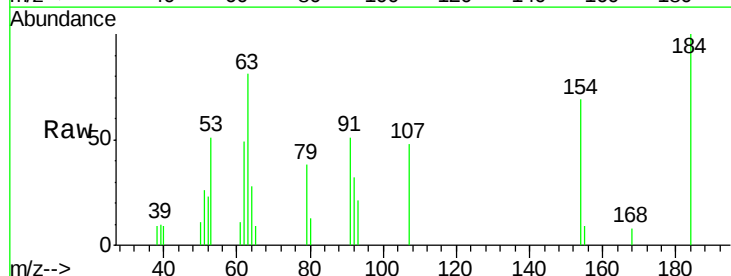
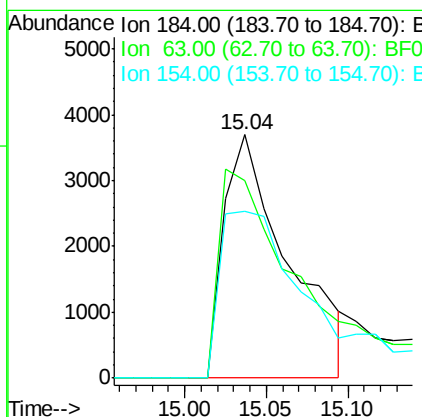
Manual Integrations
APPROVED

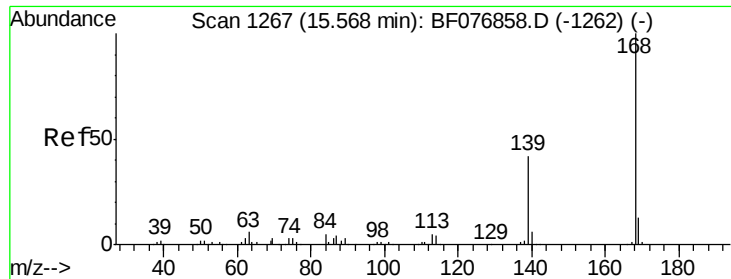
apatel
2/9/2015 1:35:59 PM



#53
2,4-Dinitrophenol
Concen: 27.51 ng
RT: 15.04 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

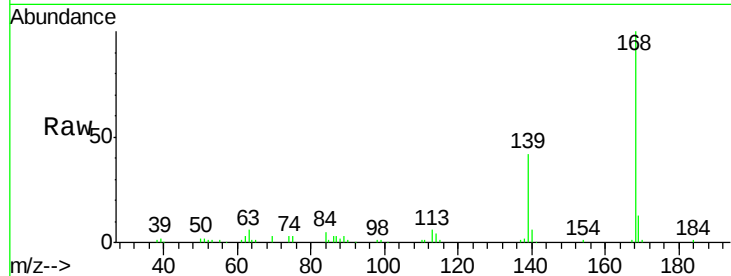
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	10098		
63	81.0	63.0	94.6	
154	68.6	65.5	98.3	





#54
Dibenzenofuran
Concen: 17.70 ng
RT: 15.17 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

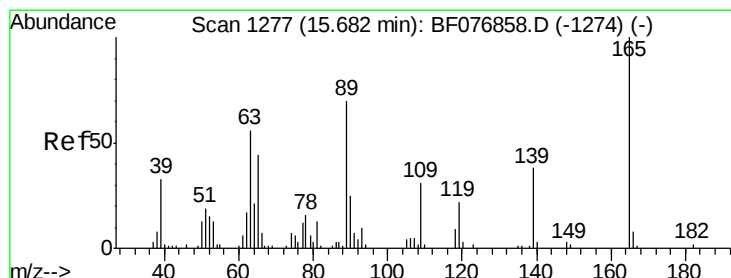
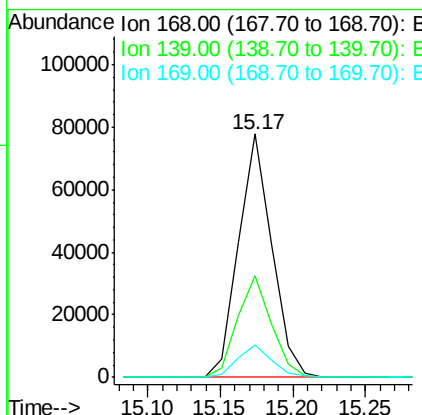
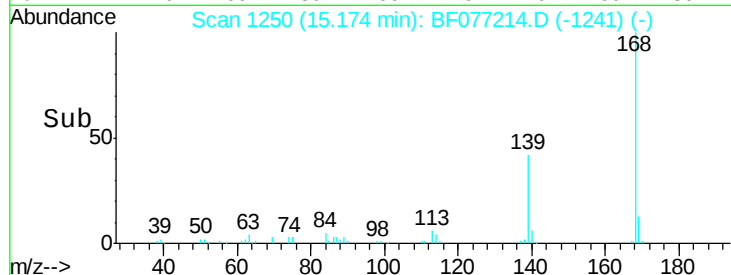
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1A-A2A-A3A-A4AMS



Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.6	33.4	50.2
169	13.3	10.6	15.8

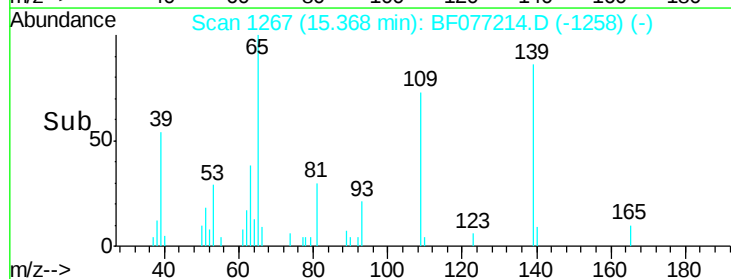
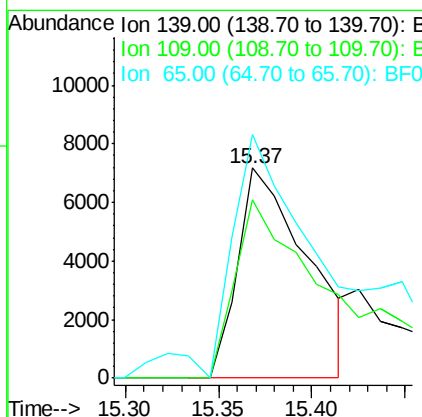
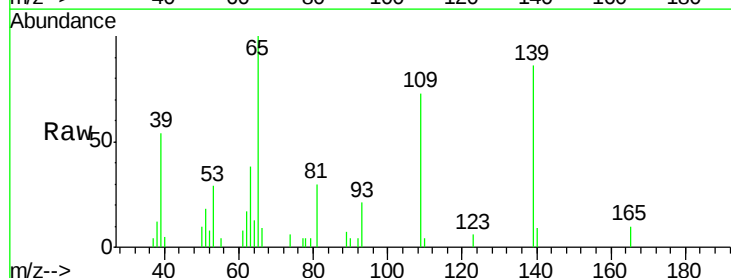
Manual Integrations
APPROVED

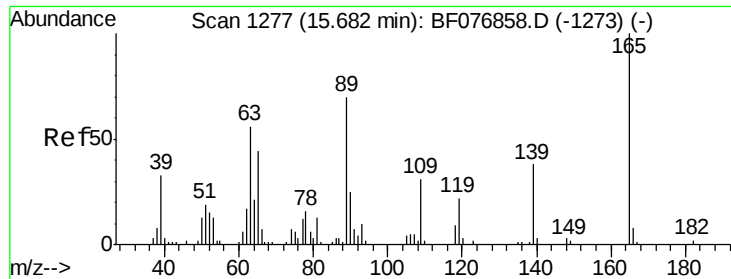
apatel
2/9/2015 1:35:59 PM



#55
4-Nitrophenol
Concen: 20.35 ng
RT: 15.37 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Tgt Ion	Ratio	Lower	Upper
139	100		
109	85.2	61.0	101.0
65	116.1	96.6	136.6





#56

2,4-Dinitrotoluene

Concen: 18.14 ng

RT: 15.32 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BF077214.D

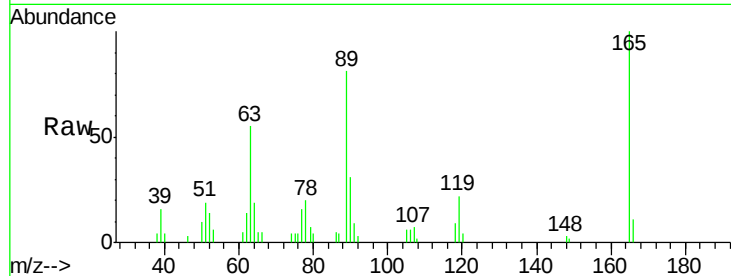
Acq: 6 Feb 2015 22:03

Instrument :

BNA_F

ClientSampleId :

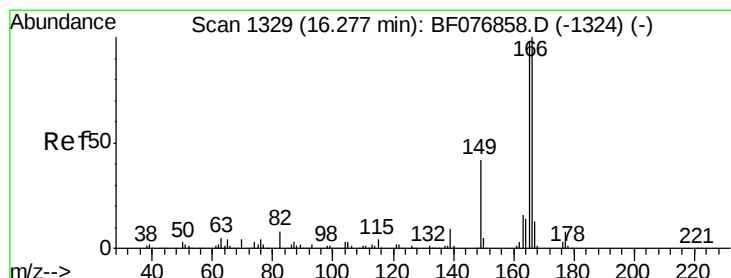
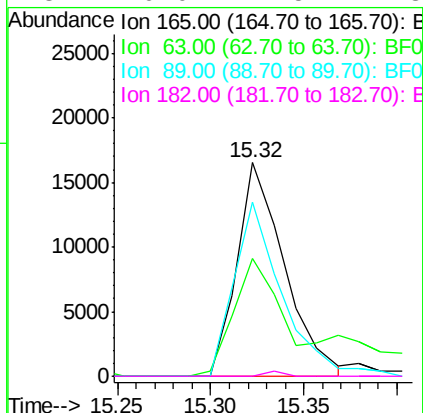
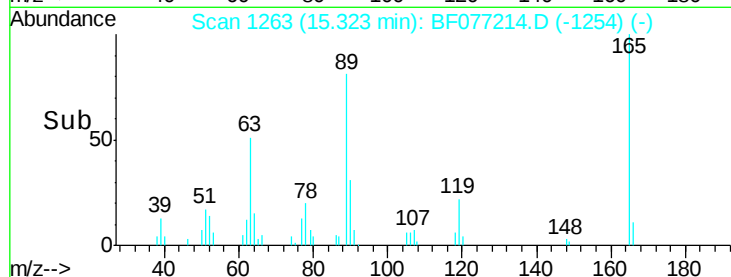
FK-BPM-01-A1A-A2A-A3A-A4AMS



Tgt Ion	Ratio	Resp	Lower	Upper
165	100	29283		
63	55.3	44.8	67.2	
89	81.2	56.2	84.2	
182	0.0	1.5	2.3	

Manual Integrations
APPROVED

apatel
2/9/2015 1:35:59 PM



#57

Fluorene

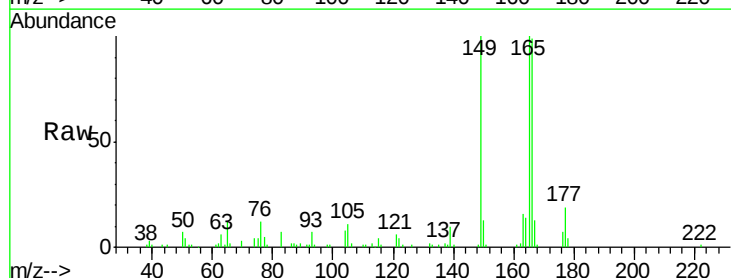
Concen: 17.78 ng

RT: 15.94 min Scan# 1317

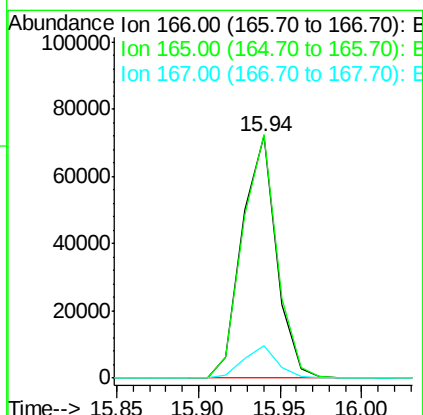
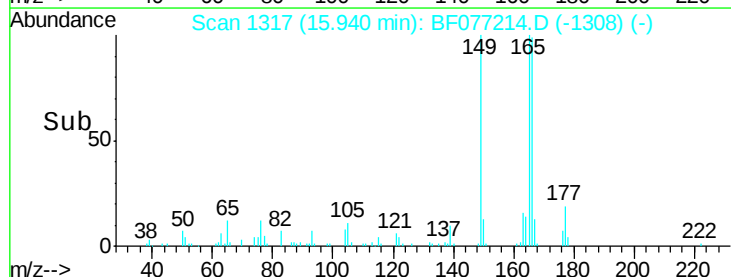
Delta R.T. 0.00 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03



Tgt Ion	Ratio	Resp	Lower	Upper
166	100	105361		
165	100.5	78.5	117.7	
167	13.3	10.4	15.6	





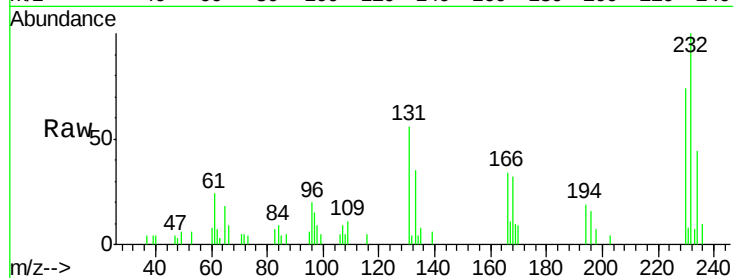
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 16.41 ng
 RT: 15.55 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BF077214.D
 Acq: 6 Feb 2015 22:03

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1A-A2A-A3A-A4AMS

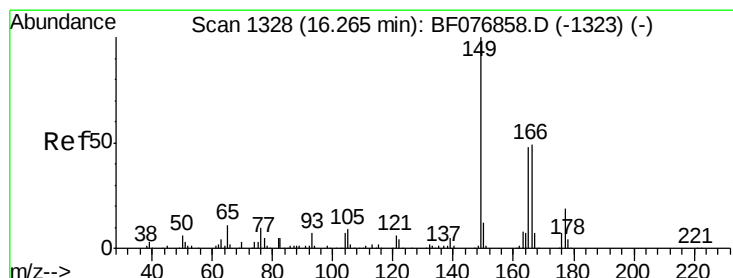
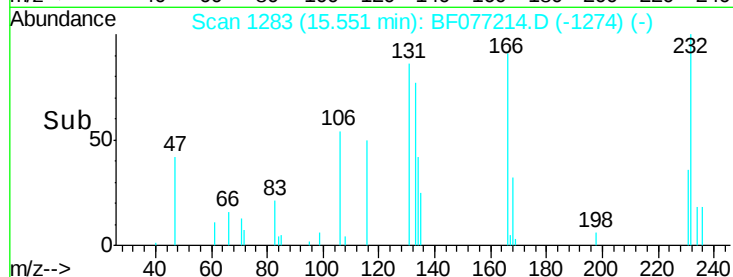
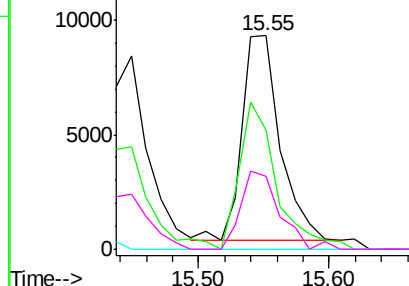
Tgt Ion	Ratio	Lower	Upper
232	100		
131	59.6	45.0	67.6
130	0.0	2.6	3.8
166	39.4	30.9	46.3

Manual Integrations
 APPROVED

apatel
 2/9/2015 1:35:59 PM

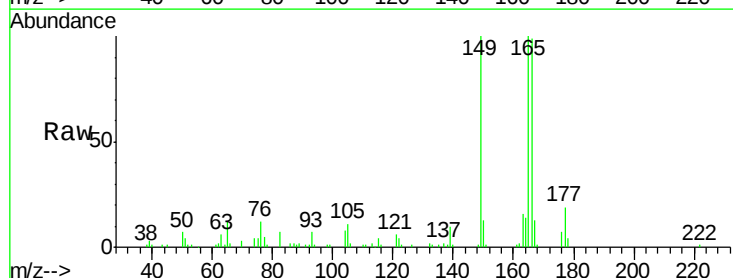


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

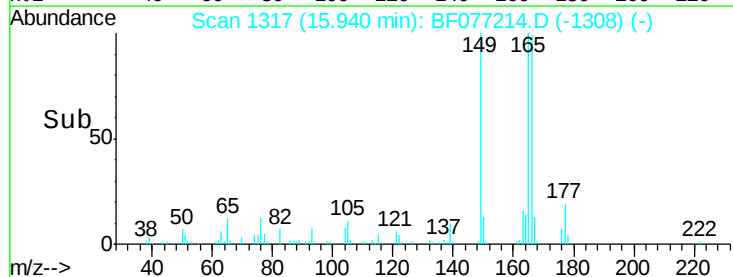
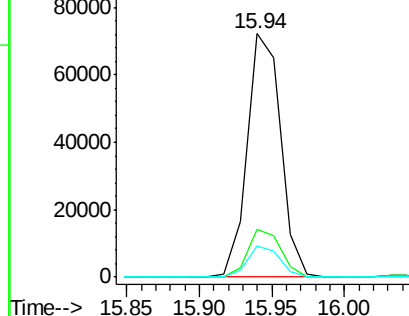


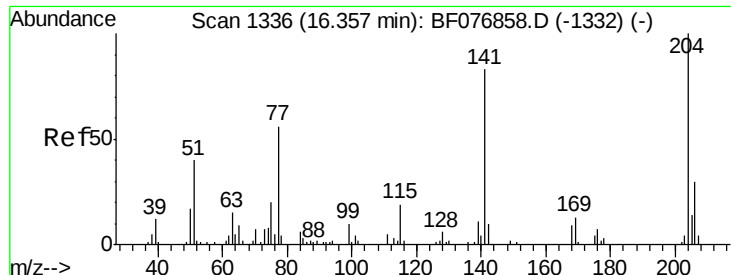
#59
 Diethylphthalate
 Concen: 19.60 ng
 RT: 15.94 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF077214.D
 Acq: 6 Feb 2015 22:03

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.4	15.0	22.6
150	12.8	9.4	14.0



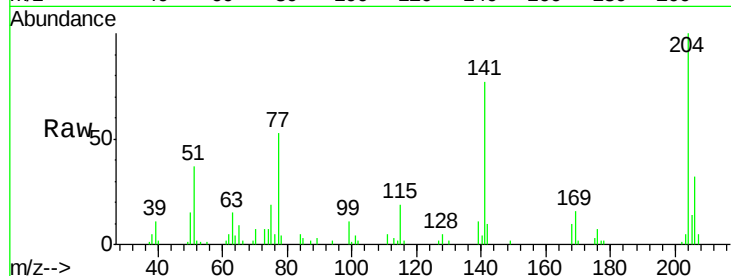
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#60
4-Chlorophenyl-phenylether
Concen: 18.39 ng
RT: 16.03 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

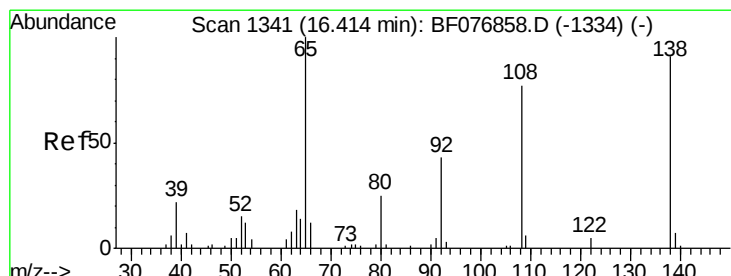
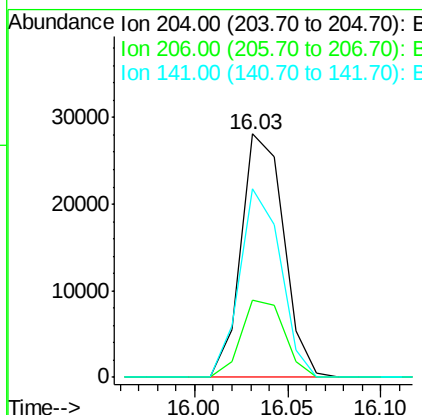
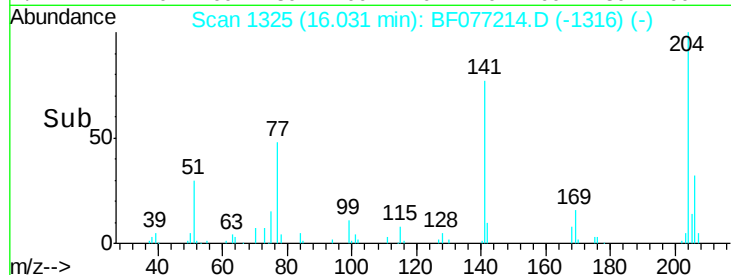
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1A-A2A-A3A-A4AMS



Tgt Ion: 204 Resp: 44586
Ion Ratio Lower Upper
204 100
206 31.7 24.2 36.2
141 77.3 66.7 100.1

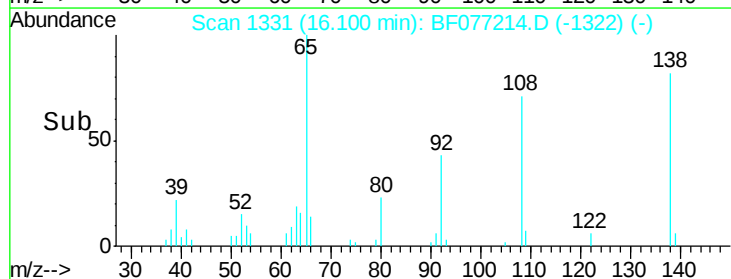
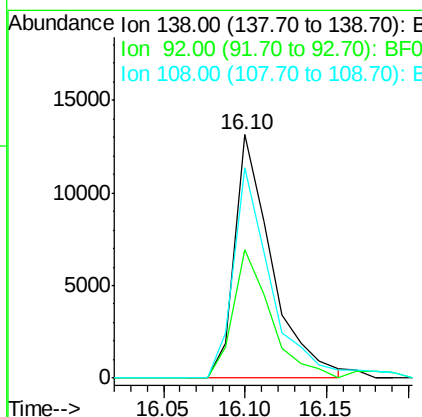
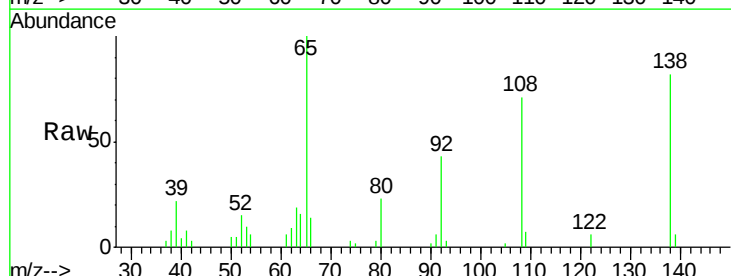
Manual Integrations
APPROVED

apatel
2/9/2015 1:35:59 PM



#61
4-Nitroaniline
Concen: 15.13 ng
RT: 16.10 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Tgt Ion: 138 Resp: 20743
Ion Ratio Lower Upper
138 100
92 52.7 26.7 66.7
108 86.5 64.5 104.5





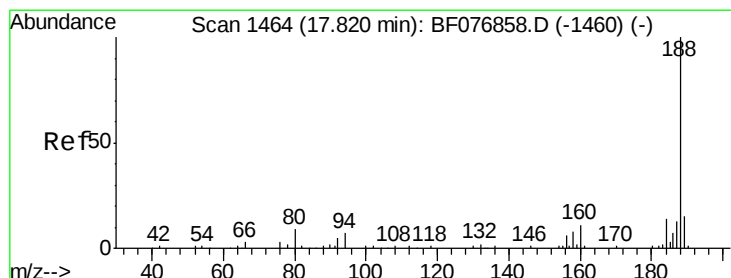
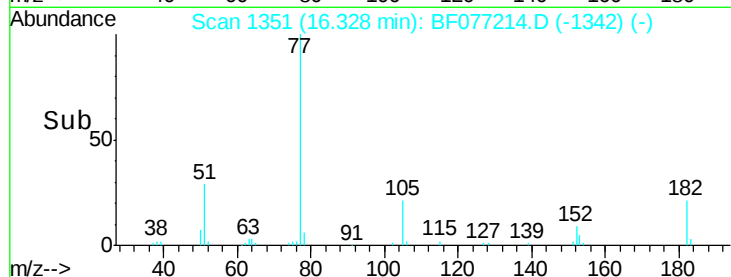
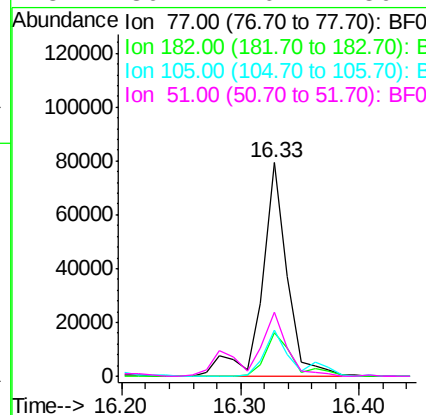
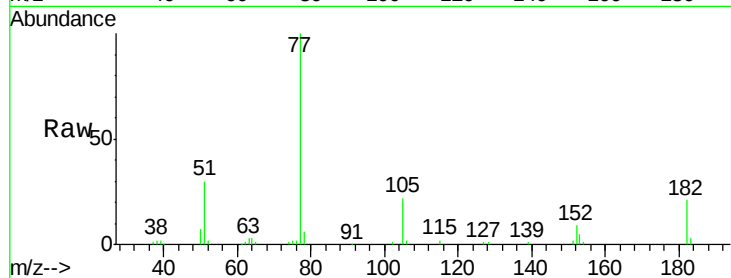
#62
Azobenzene
Concen: 19.39 ng
RT: 16.33 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1A-A2A-A3A-A4AMS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.6	2.0	42.0
105	21.7	2.3	42.3
51	30.2	10.7	50.7

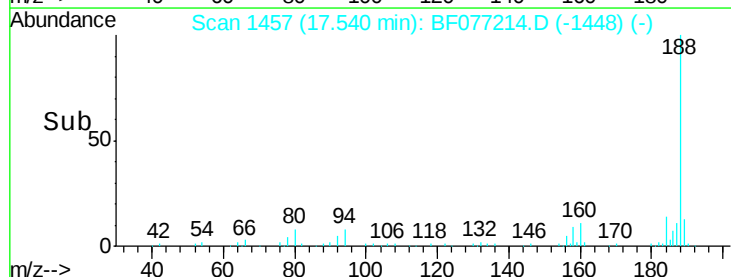
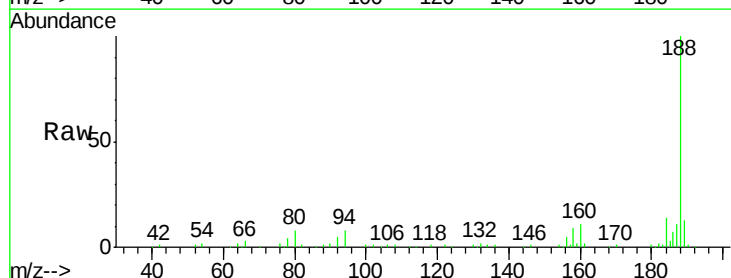
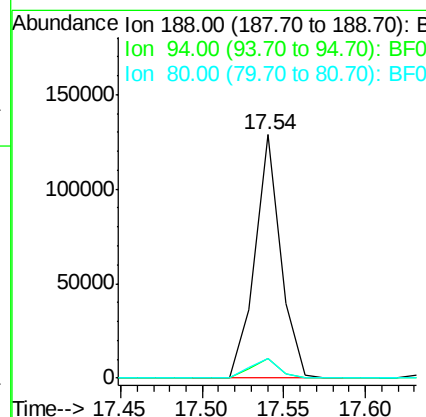
Manual Integrations
APPROVED

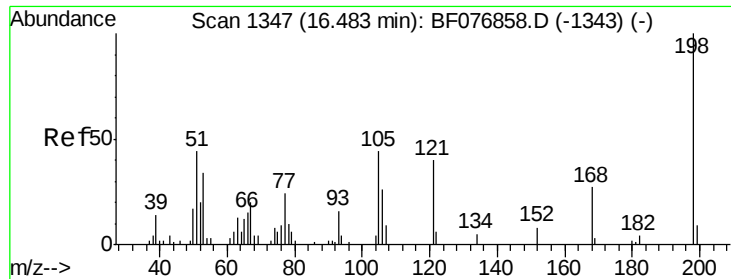
apatel
2/9/2015 1:35:59 PM



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.0	9.0
80	8.1	6.9	10.3





#64

4,6-Dinitro-2-methylphenol

Concen: 15.34 ng

RT: 16.18 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF077214.D

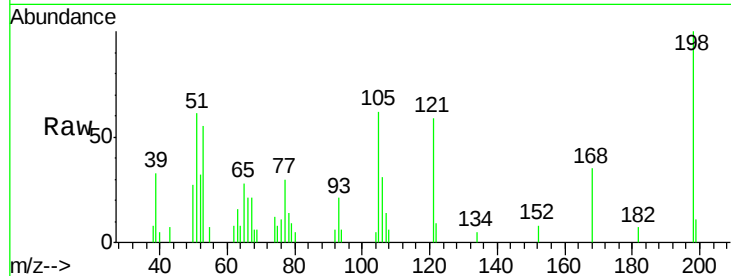
Acq: 6 Feb 2015 22:03

Instrument :

BNA_F

ClientSampleId :

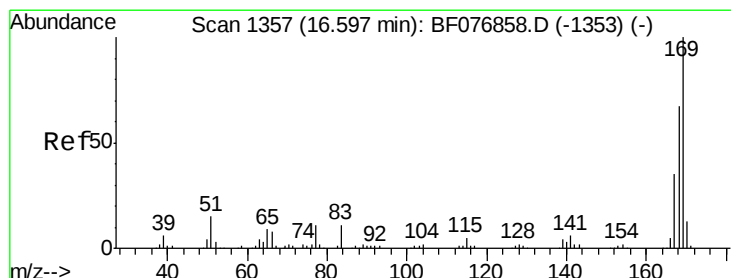
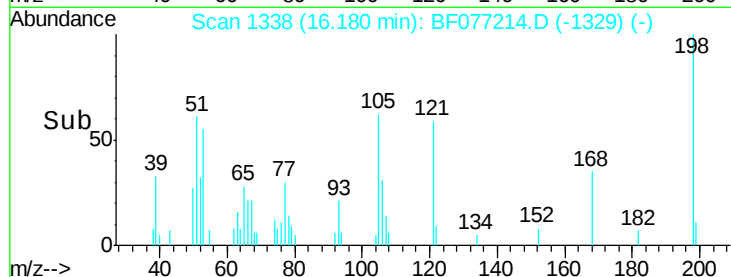
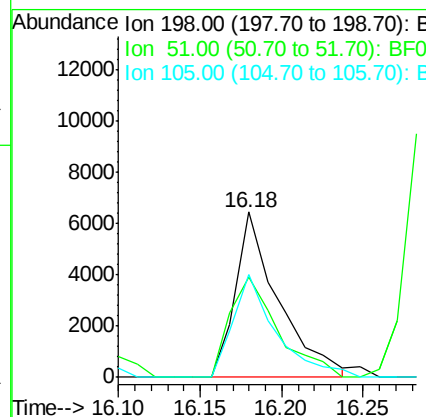
FK-BPM-01-A1A-A2A-A3A-A4AMS



Tgt Ion:	198	Resp:	11764
Ion Ratio	Lower	Upper	
198	100		
51	60.6	24.2	64.2
105	61.9	24.0	64.0

Manual Integrations
APPROVED

apatel
2/9/2015 1:35:59 PM



#65

n-Nitrosodiphenylamine

Concen: 17.75 ng

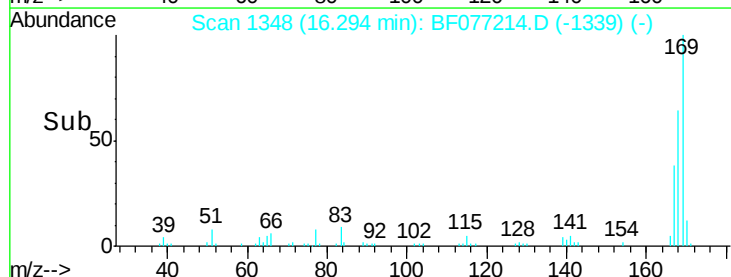
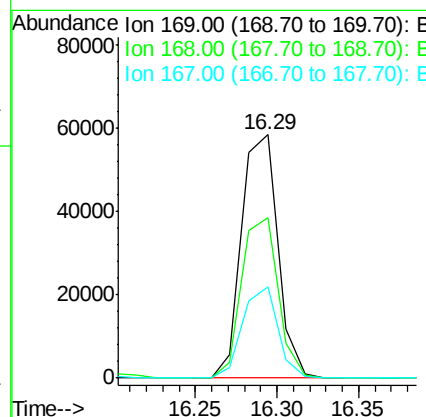
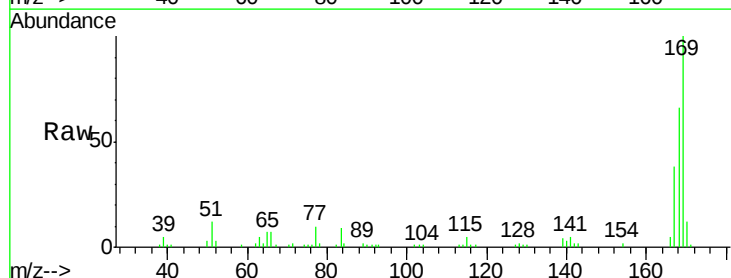
RT: 16.29 min Scan# 1348

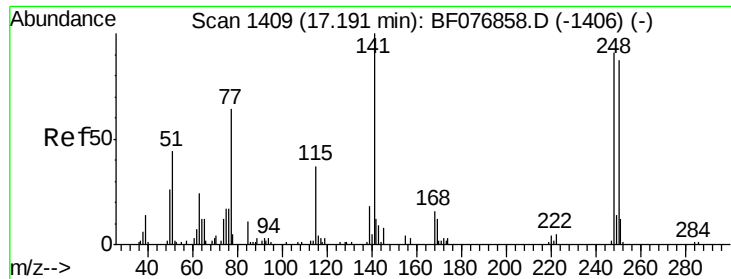
Delta R.T. 0.00 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

Tgt Ion:	169	Resp:	89626
Ion Ratio	Lower	Upper	
169	100		
168	65.6	53.8	80.6
167	37.7	27.8	41.6





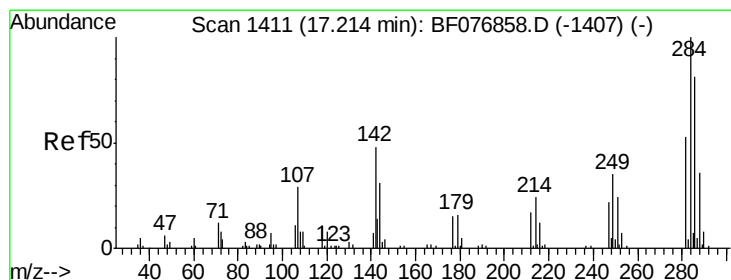
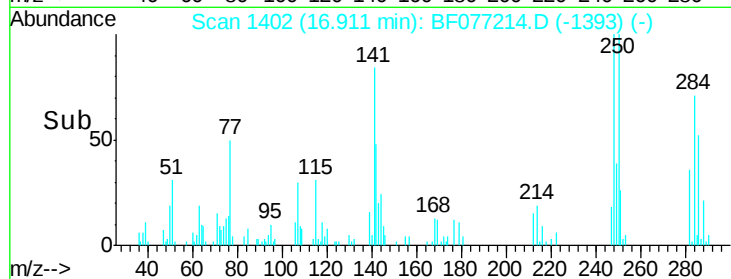
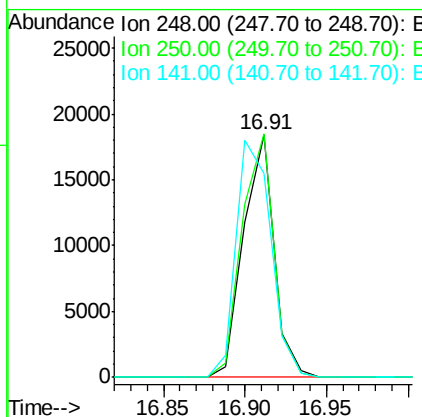
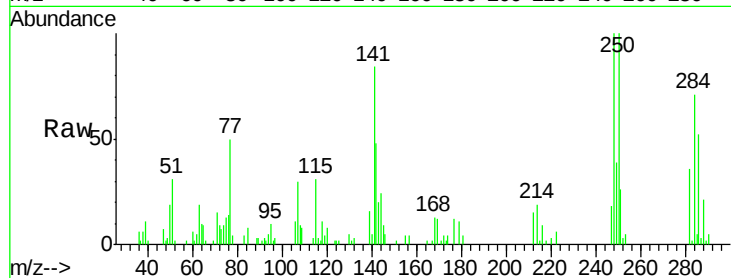
#66
4-Bromophenyl-phenylether
Concen: 16.69 ng
RT: 16.91 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1A-A2A-A3A-A4AMS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.3	77.1	115.7
141	84.2	88.2	132.4

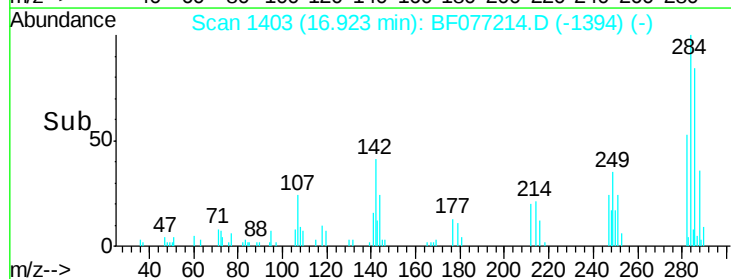
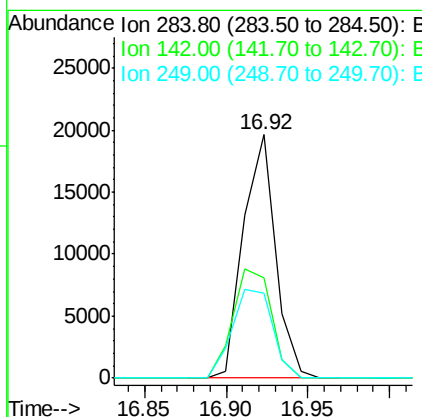
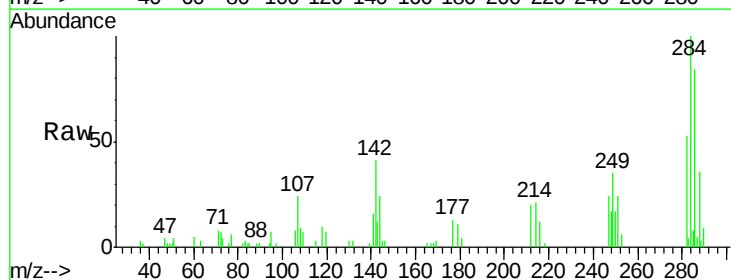
Manual Integrations
APPROVED

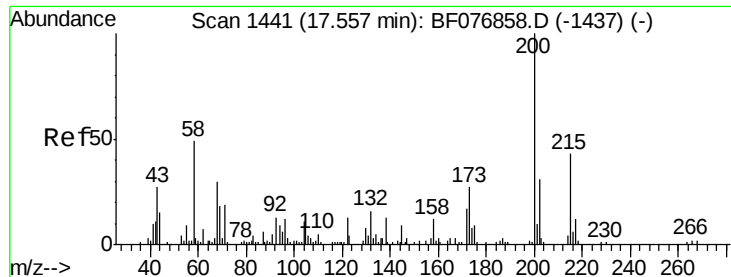
apatel
2/9/2015 1:35:59 PM



#67
Hexachlorobenzene
Concen: 17.74 ng
RT: 16.92 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	41.2	38.2	57.4
249	34.9	28.2	42.2





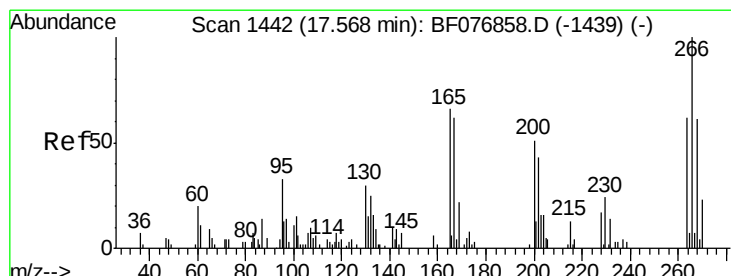
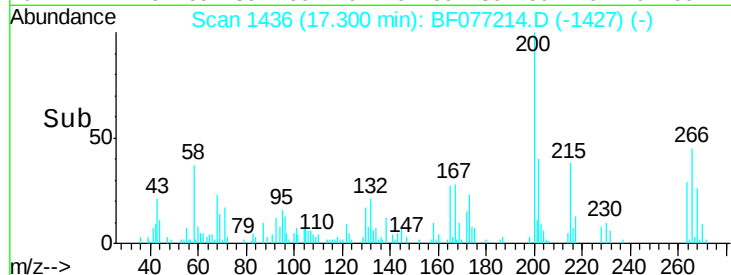
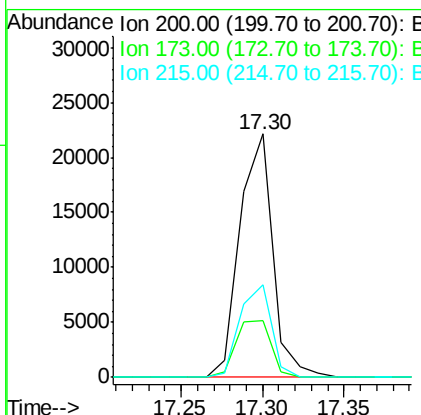
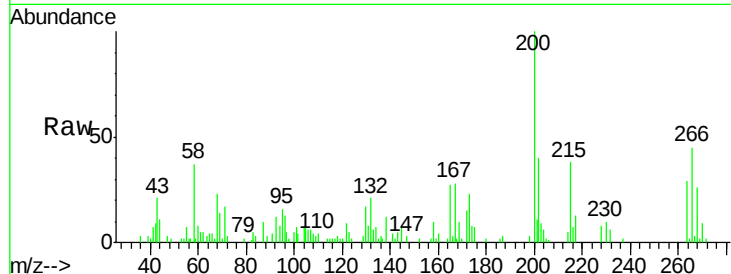
#68
 Atrazine
 Concen: 20.18 ng
 RT: 17.30 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BF077214.D
 Acq: 6 Feb 2015 22:03

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1A-A2A-A3A-A4AMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.1	6.6	46.6
215	38.0	22.9	62.9

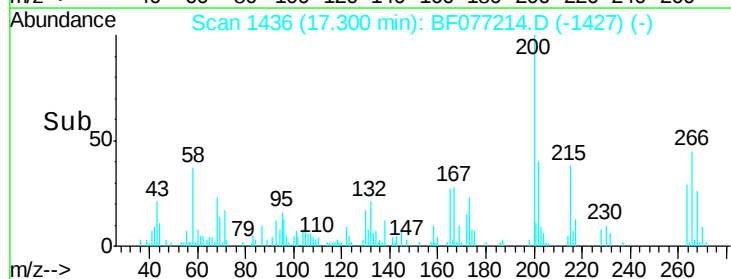
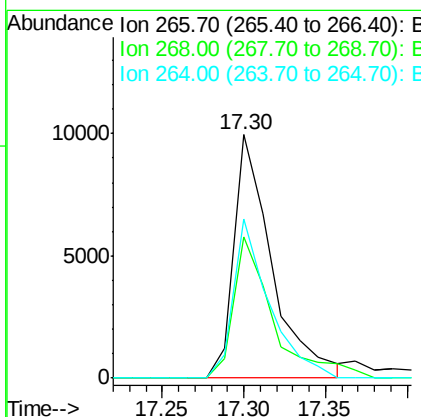
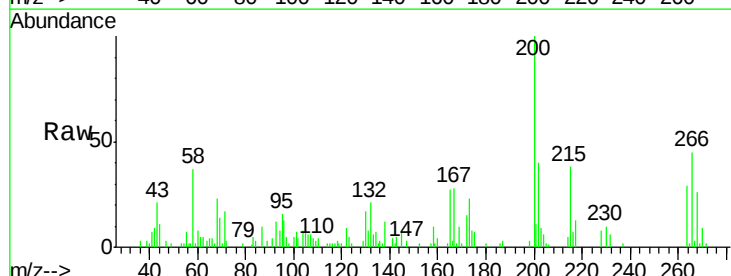
Manual Integrations
 APPROVED

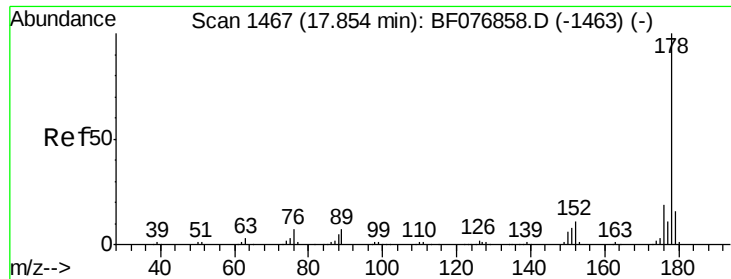
apatel
 2/9/2015 1:35:59 PM



#69
 Pentachlorophenol
 Concen: 28.13 ng
 RT: 17.30 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BF077214.D
 Acq: 6 Feb 2015 22:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	58.2	48.6	72.8
264	65.3	49.5	74.3





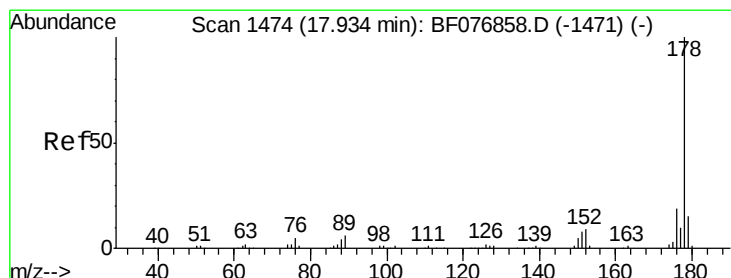
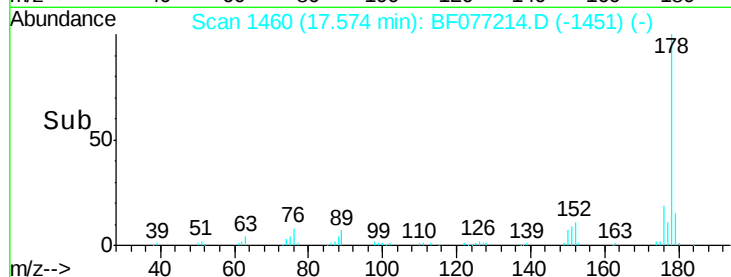
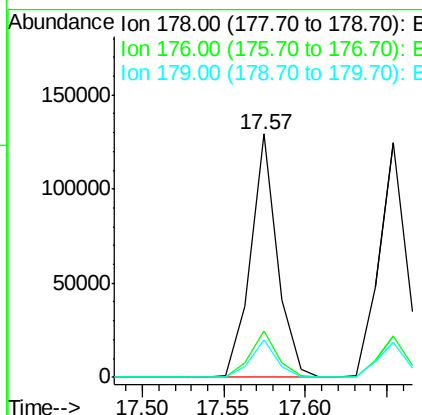
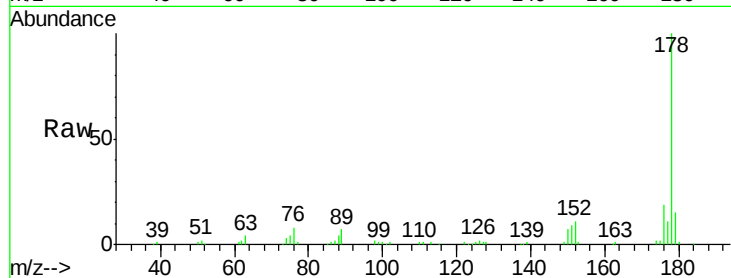
#70
Phenanthrene
Concen: 16.66 ng
RT: 17.57 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1A-A2A-A3A-A4AMS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	15.3	12.7	19.1

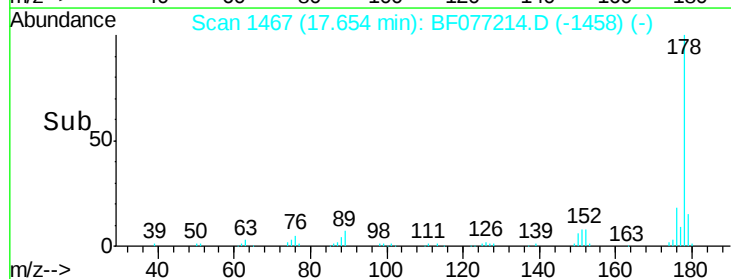
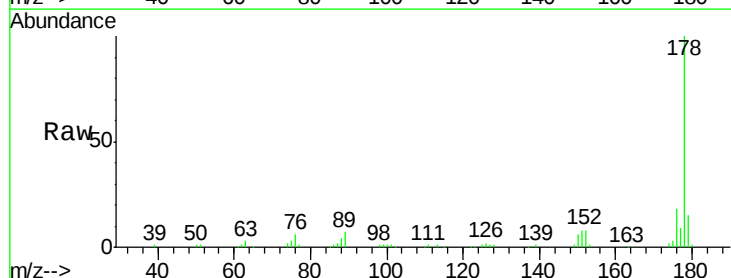
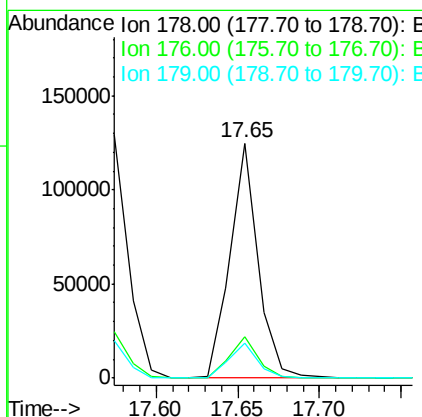
Manual Integrations
APPROVED

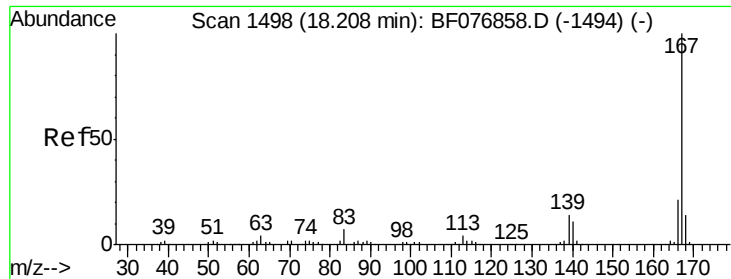
apatel
2/9/2015 1:35:59 PM



#71
Anthracene
Concen: 16.97 ng
RT: 17.65 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.4	23.0
179	15.2	11.9	17.9





#72

Carbazole

Concen: 17.23 ng

RT: 17.95 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BF077214.D

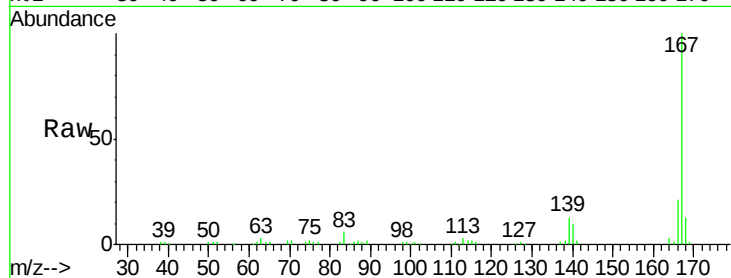
Acq: 6 Feb 2015 22:03

Instrument :

BNA_F

ClientSampleId :

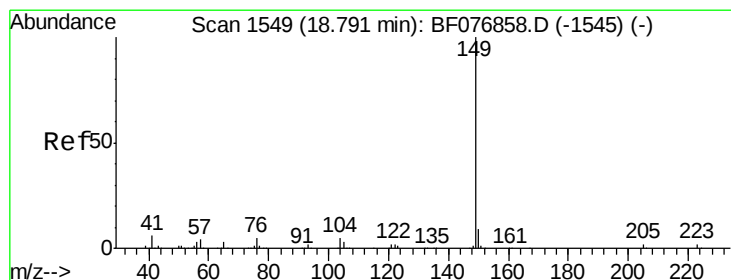
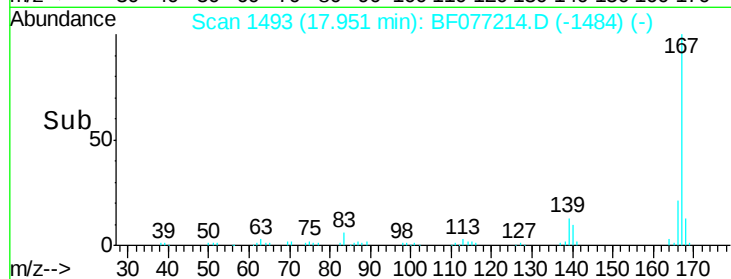
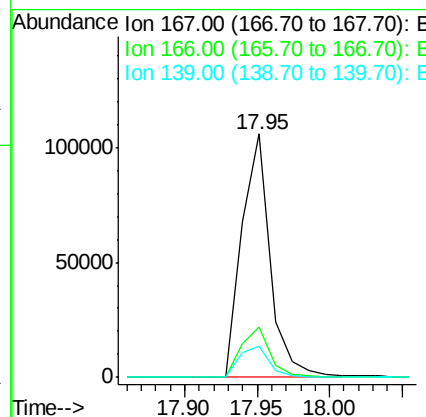
FK-BPM-01-A1A-A2A-A3A-A4AMS



Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.7	17.0	25.6
139	12.9	11.3	16.9

Manual Integrations
APPROVED

apatel
2/9/2015 1:35:59 PM



#73

Di-n-butylphthalate

Concen: 18.54 ng

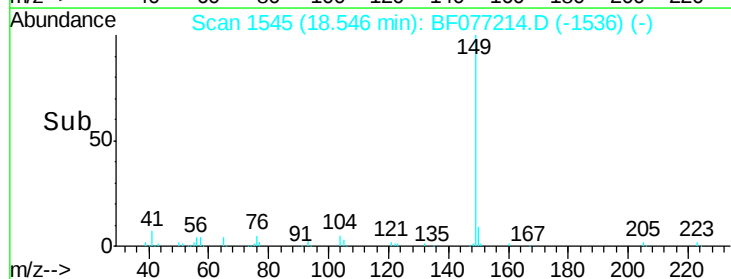
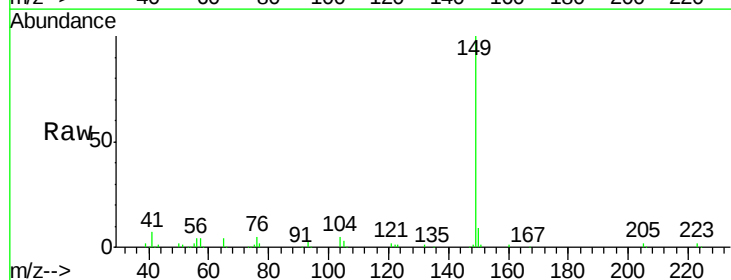
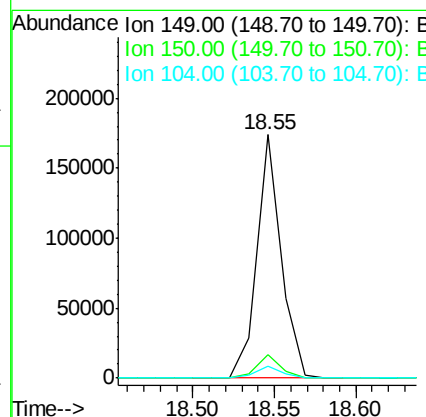
RT: 18.55 min Scan# 1545

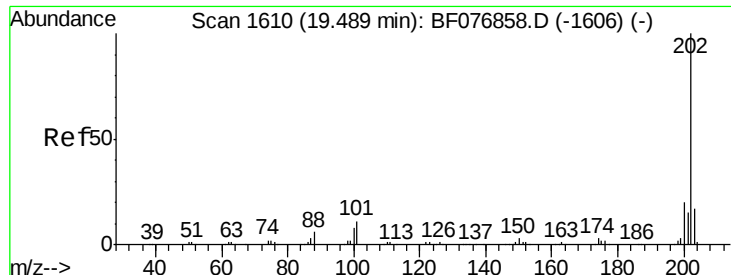
Delta R.T. 0.00 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	6.9	10.3
104	5.0	3.7	5.5





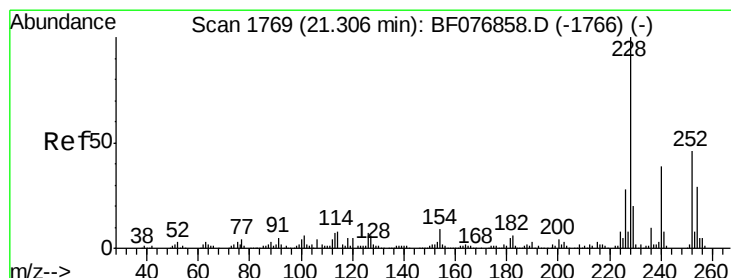
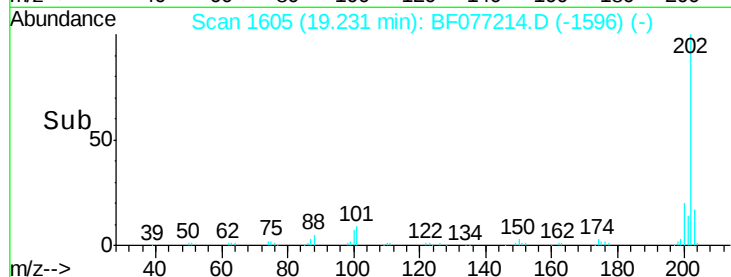
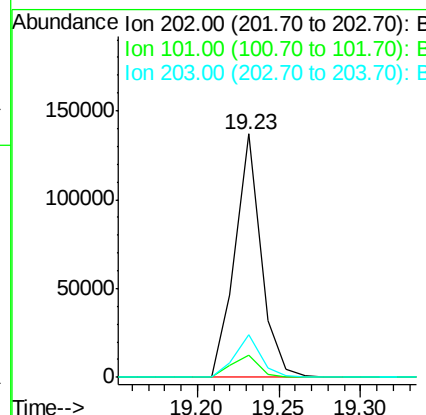
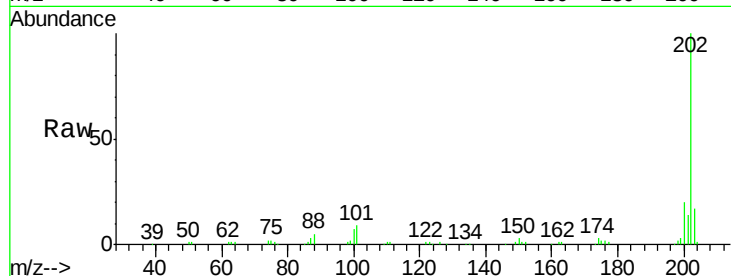
#74
 Fluoranthene
 Concen: 16.79 ng
 RT: 19.23 min Scan# 1605
 Delta R.T. 0.00 min
 Lab File: BF077214.D
 Acq: 6 Feb 2015 22:03

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1A-A2A-A3A-A4AMS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	151870		
101	9.2	0.0	30.7	
203	17.3	0.0	36.9	

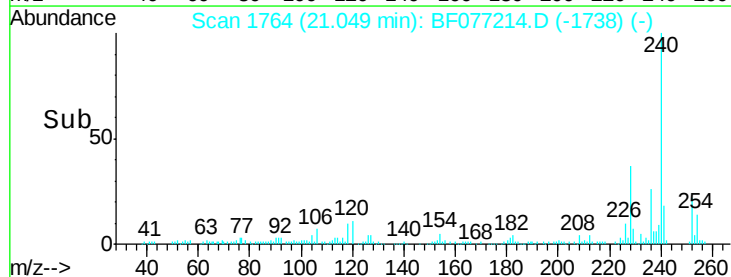
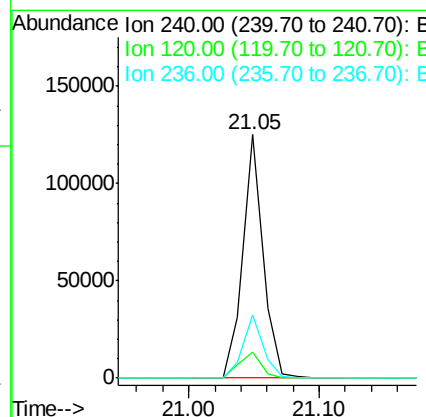
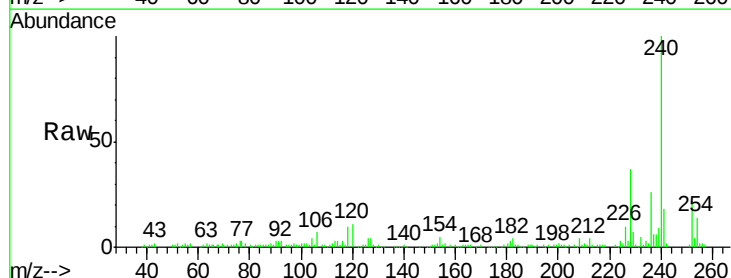
Manual Integrations
 APPROVED

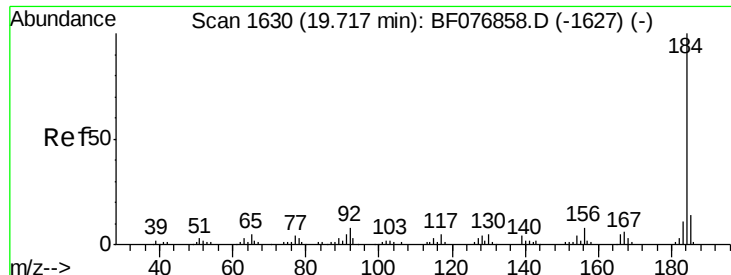
apatel
 2/9/2015 1:35:59 PM



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.05 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: BF077214.D
 Acq: 6 Feb 2015 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	134380		
120	10.9	10.4	15.6	
236	25.8	20.2	30.2	





#76

Benzidine

Concen: 10.81 ng

RT: 19.48 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BF077214.D

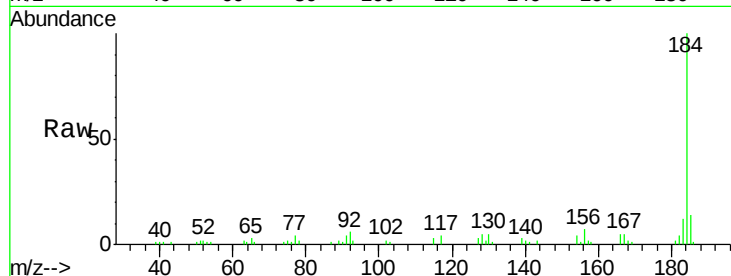
Acq: 6 Feb 2015 22:03

Instrument :

BNA_F

ClientSampleId :

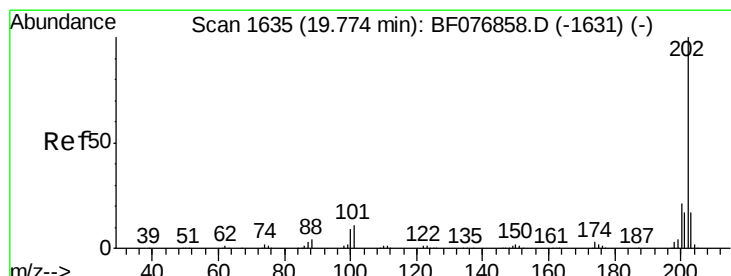
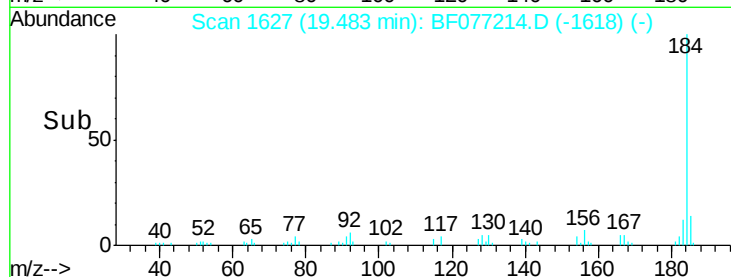
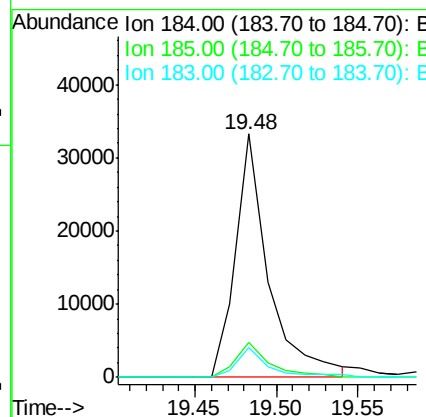
FK-BPM-01-A1A-A2A-A3A-A4AMS



Tgt Ion:	184	Resp:	46482
Ion Ratio	Lower	Upper	
184	100		
185	14.4	11.4	17.2
183	12.4	9.0	13.6

Manual Integrations
APPROVED

apatel
2/9/2015 1:35:59 PM



#77

Pyrene

Concen: 17.27 ng

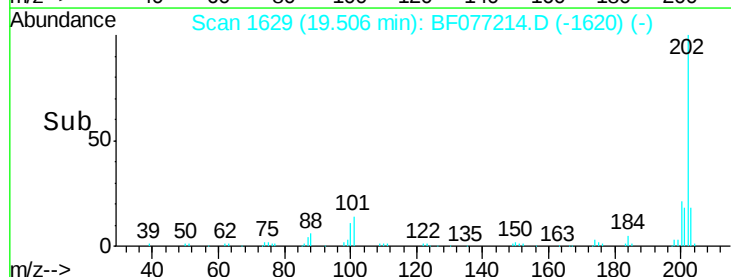
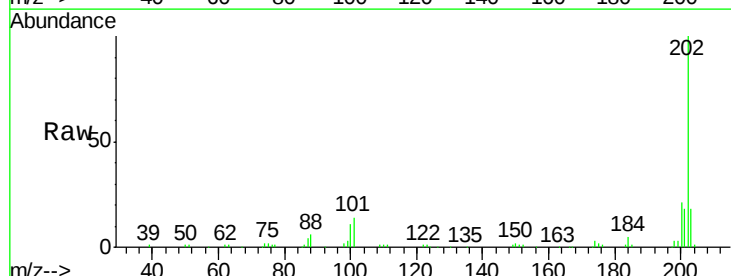
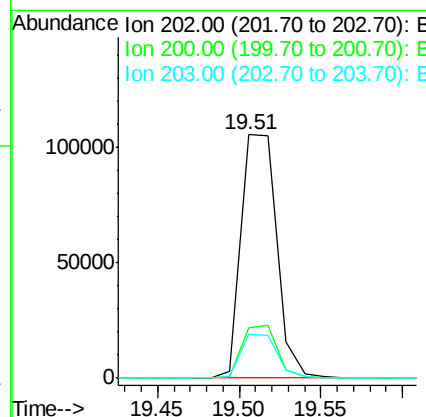
RT: 19.51 min Scan# 1629

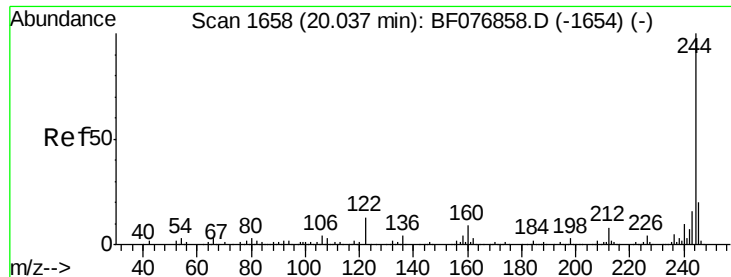
Delta R.T. 0.00 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

Tgt Ion:	202	Resp:	159019
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.7	25.1
203	18.2	14.0	21.0





#78

Terphenyl-d14

Concen: 36.77 ng

RT: 19.78 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BF077214.D

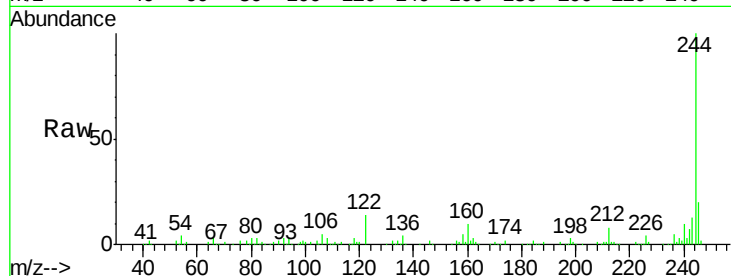
Acq: 6 Feb 2015 22:03

Instrument :

BNA_F

ClientSampleId :

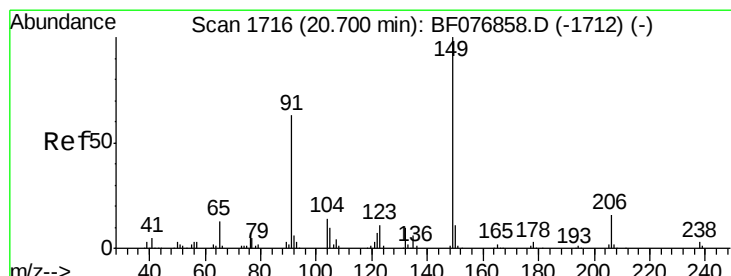
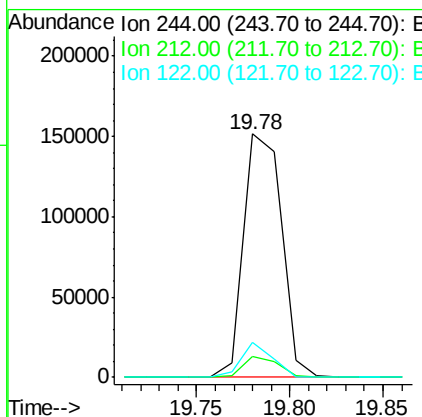
FK-BPM-01-A1A-A2A-A3A-A4AMS



Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.3	9.5
122	14.2	10.1	15.1

Manual Integrations
APPROVED

apatel
2/9/2015 1:35:59 PM



#79

Butylbenzylphthalate

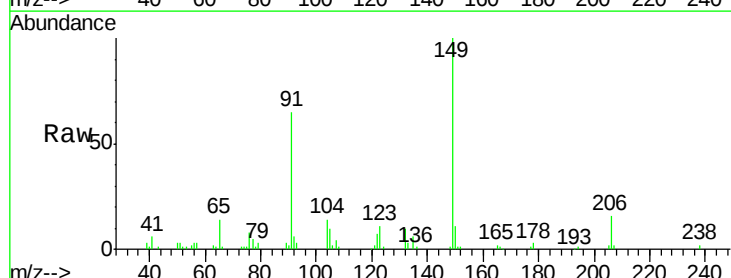
Concen: 19.74 ng

RT: 20.45 min Scan# 1712

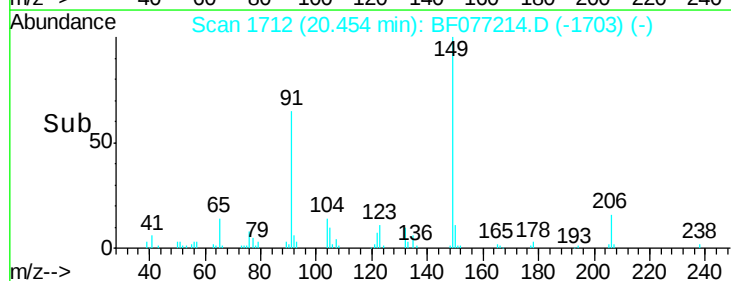
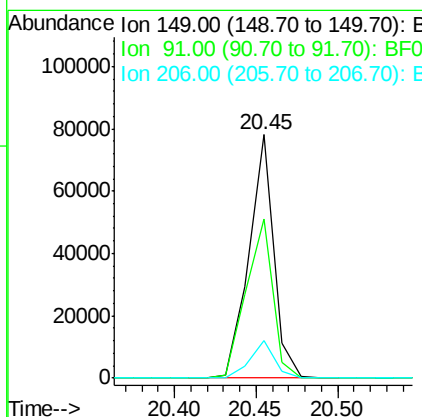
Delta R.T. 0.00 min

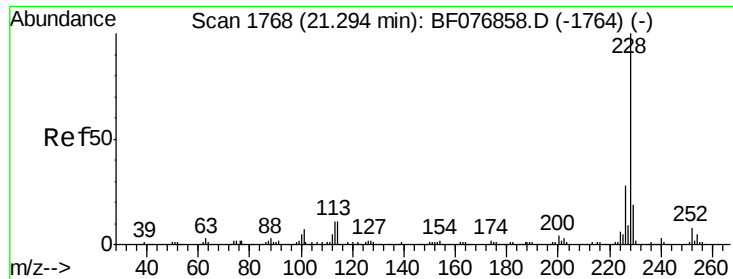
Lab File: BF077214.D

Acq: 6 Feb 2015 22:03



Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.2	50.6	76.0
206	15.6	12.8	19.2





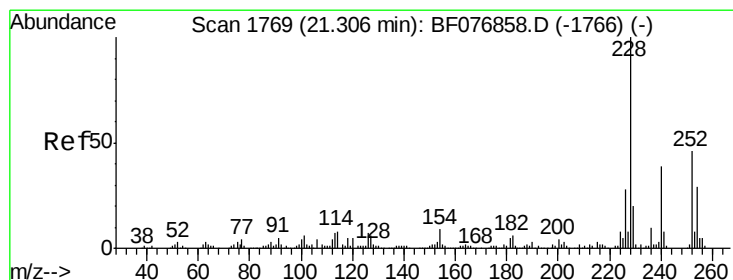
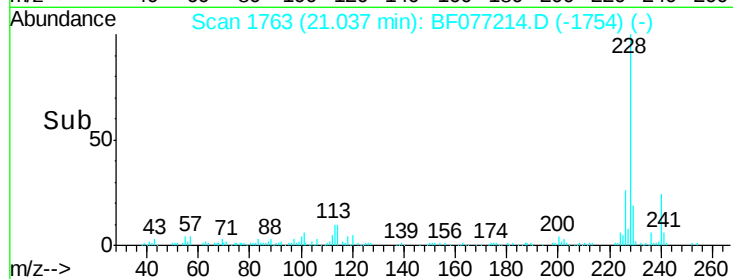
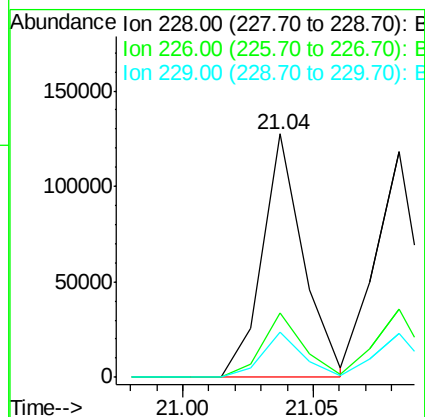
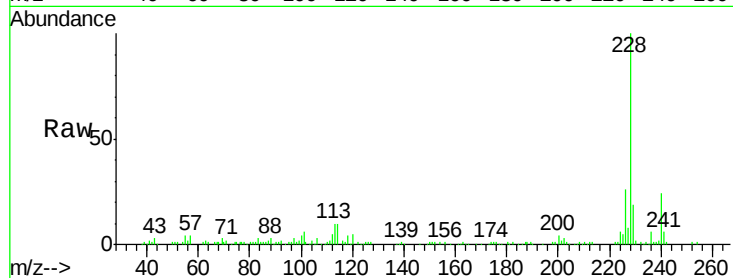
#80
Benzo(a)anthracene
Concen: 16.60 ng
RT: 21.04 min Scan# 1763
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1A-A2A-A3A-A4AMS

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	139922		
226	26.5	22.1	33.1	
229	18.6	15.5	23.3	

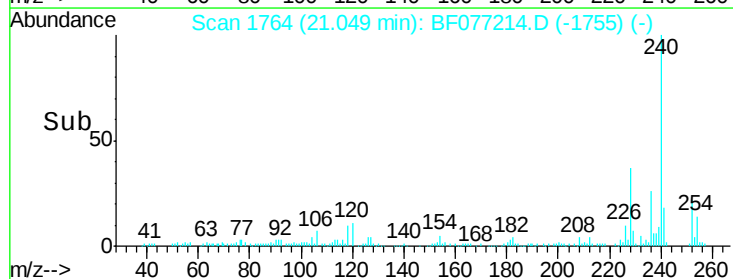
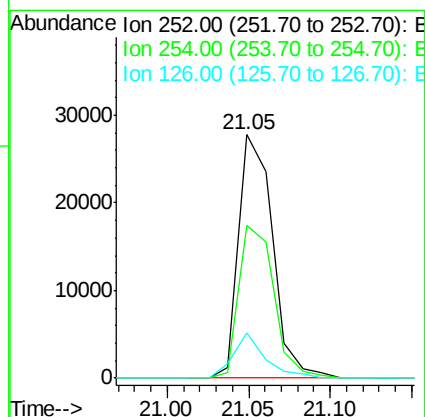
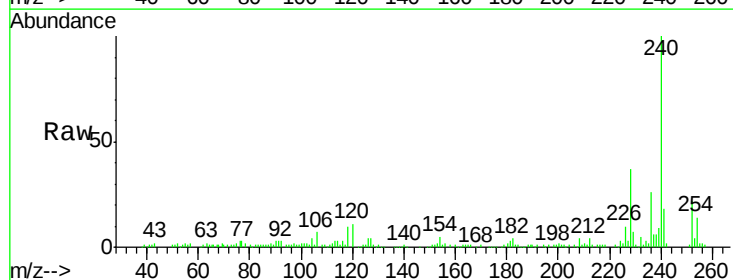
Manual Integrations
APPROVED

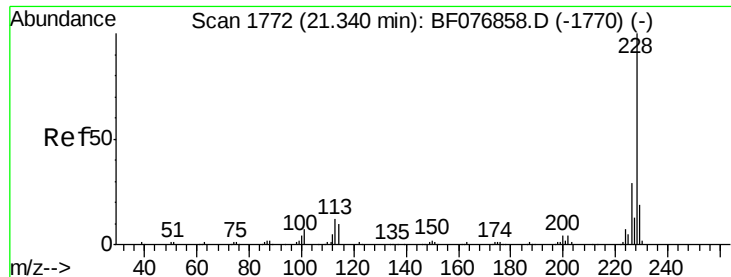
apatel
2/9/2015 1:35:59 PM



#81
3,3'-Dichlorobenzidine
Concen: 14.87 ng
RT: 21.05 min Scan# 1764
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	39846		
254	62.8	50.2	75.4	
126	18.5	11.5	17.3	





#82

Chrysene

Concen: 17.14 ng

RT: 21.08 min Scan# 1767

Delta R.T. 0.00 min

Lab File: BF077214.D

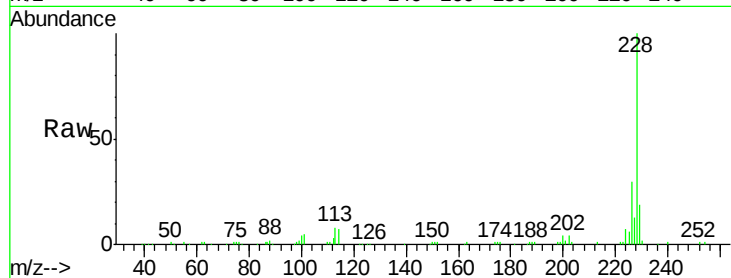
Acq: 6 Feb 2015 22:03

Instrument :

BNA_F

ClientSampleId :

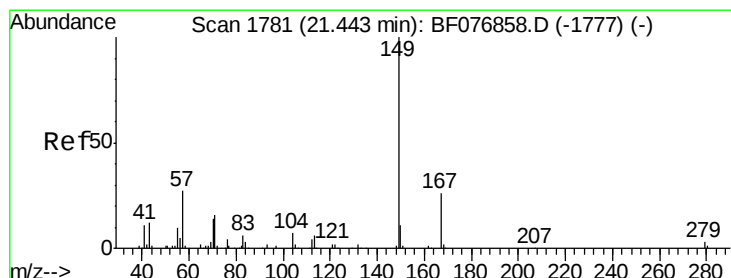
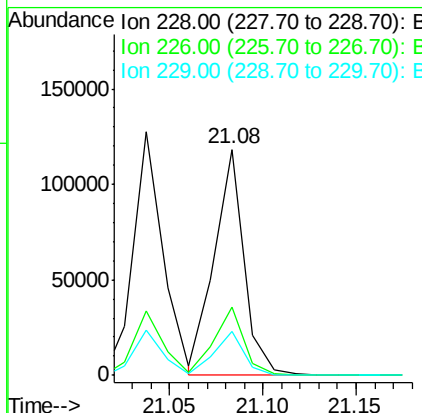
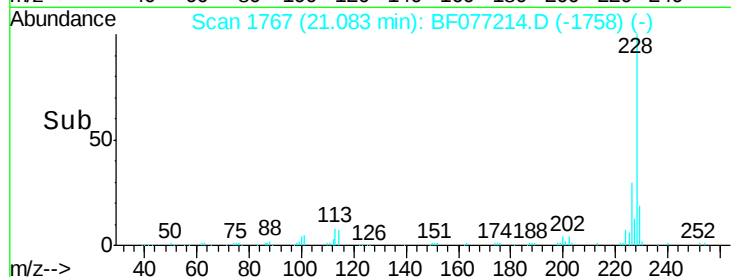
FK-BPM-01-A1A-A2A-A3A-A4AMS



Tgt Ion:	228	Resp:	131769
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.4	35.0
229	19.4	15.4	23.0

Manual Integrations
APPROVED

apatel
2/9/2015 1:35:59 PM



#83

Bis(2-ethylhexyl)phthalate

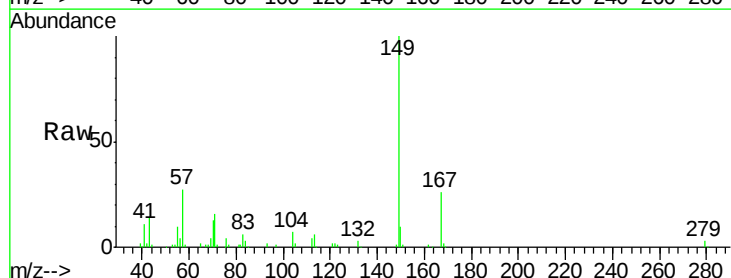
Concen: 19.92 ng

RT: 21.20 min Scan# 1777

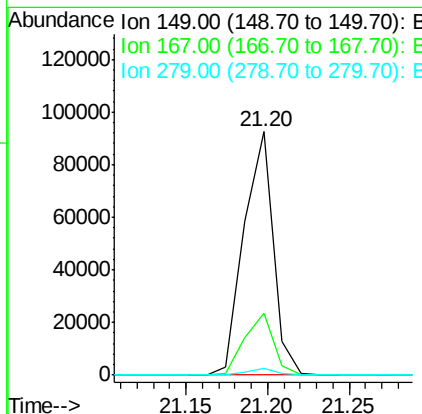
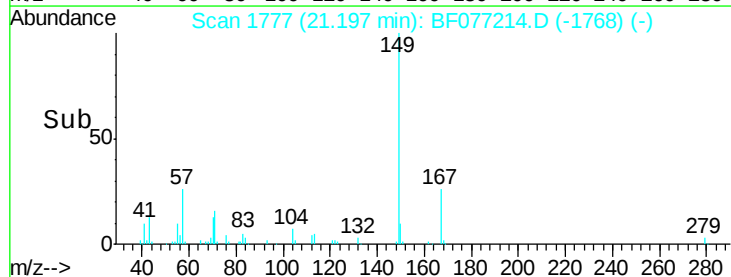
Delta R.T. 0.00 min

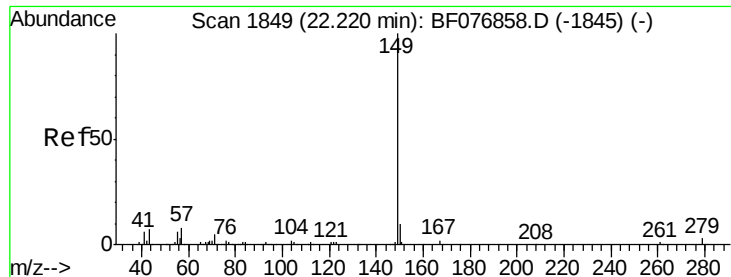
Lab File: BF077214.D

Acq: 6 Feb 2015 22:03



Tgt Ion:	149	Resp:	114935
Ion Ratio	Lower	Upper	
149	100		
167	25.5	20.6	30.8
279	2.9	2.2	3.2





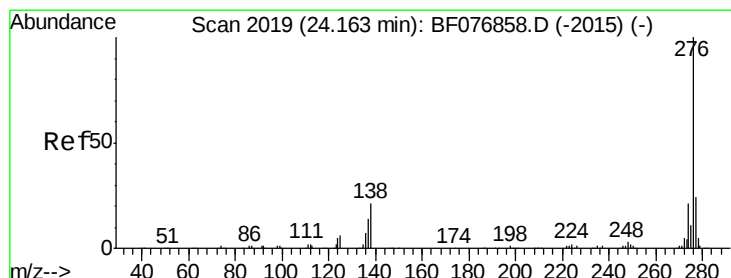
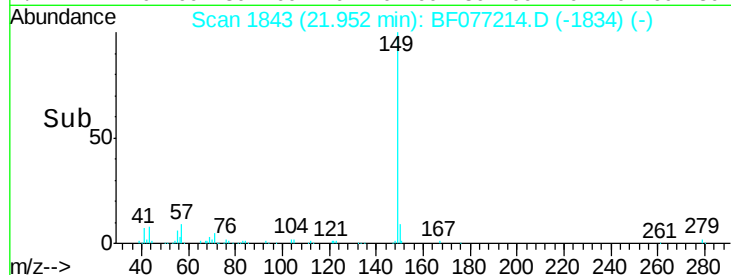
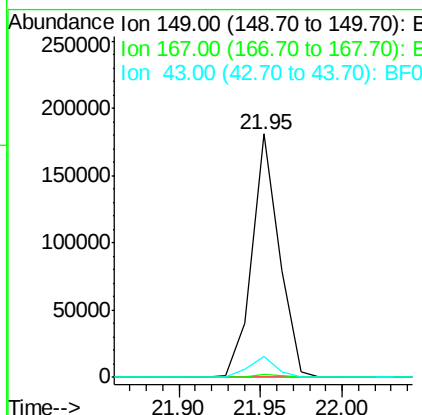
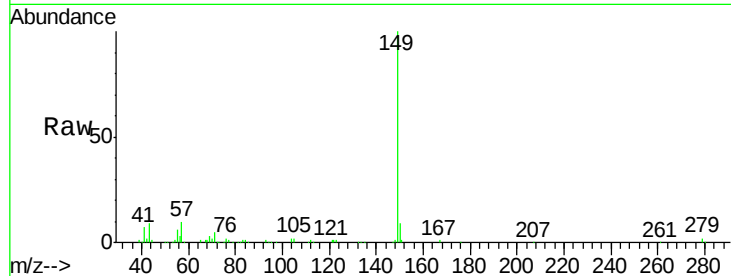
#84
Di-n-octyl phthalate
Concen: 21.05 ng
RT: 21.95 min Scan# 1843
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1A-A2A-A3A-A4AMS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	210803		
167	1.3	1.1	1.7	
43	8.8	6.6	10.0	

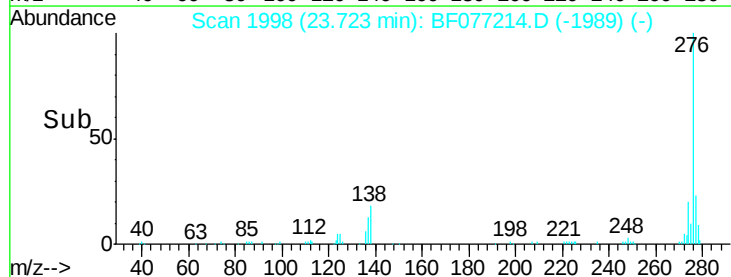
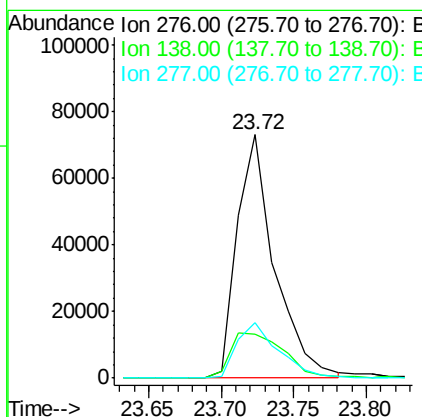
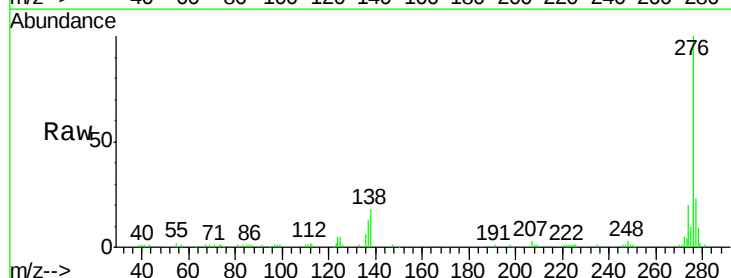
Manual Integrations
APPROVED

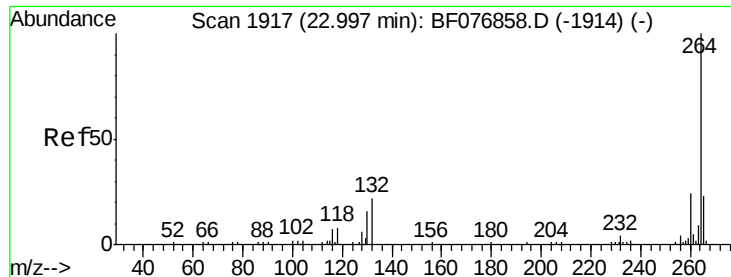
apatel
2/9/2015 1:35:59 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 16.10 ng
RT: 23.72 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	131158		
138	26.3	14.6	22.0#	
277	25.5	14.8	22.2#	





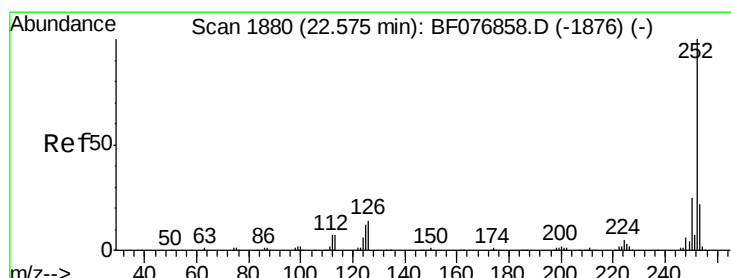
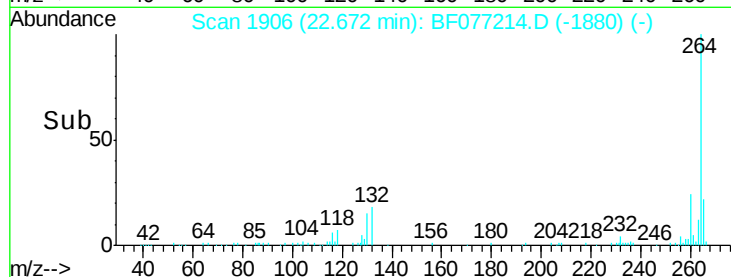
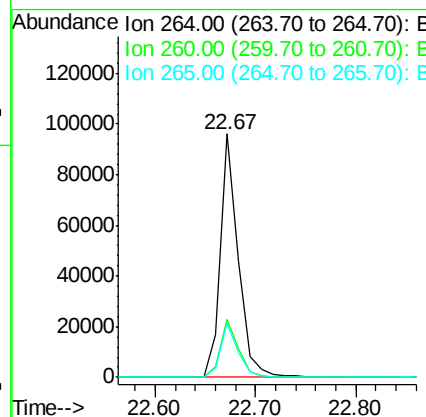
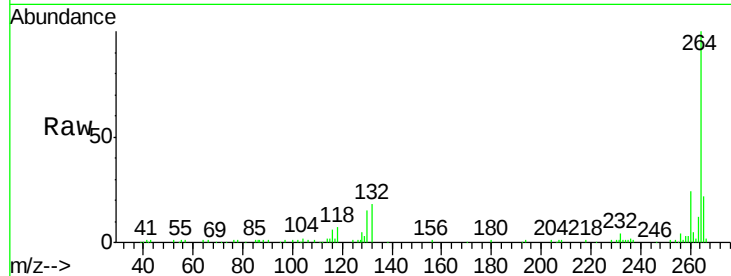
#86
Perylene-d12
Concen: 20.00 ng
RT: 22.67 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1A-A2A-A3A-A4AMS

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	118610		
260	24.1	19.0	28.4	
265	22.5	18.1	27.1	

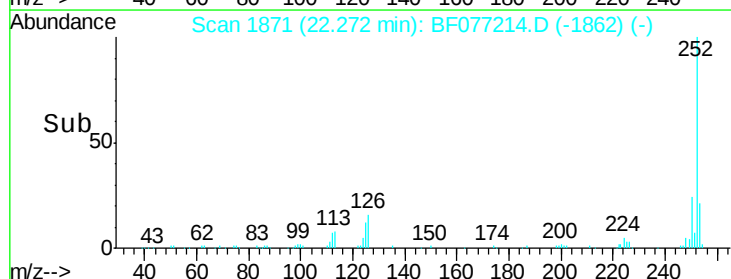
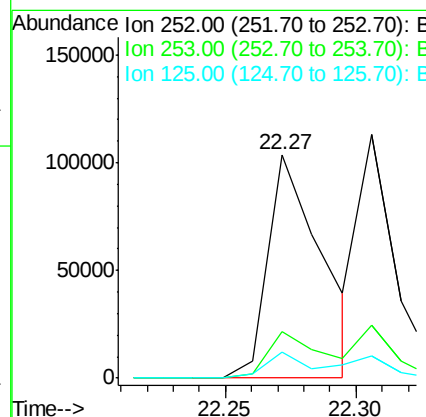
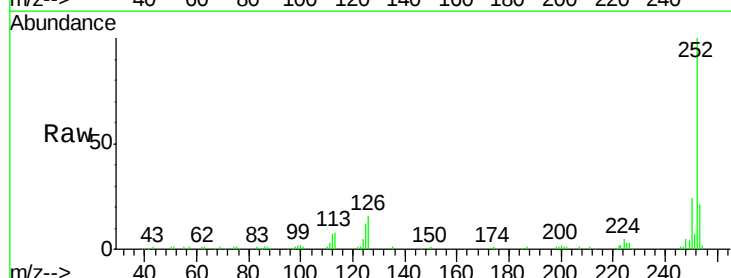
Manual Integrations
APPROVED

apatel
2/9/2015 1:35:59 PM



#87
Benzo(b)fluoranthene
Concen: 18.68 ng
RT: 22.27 min Scan# 1871
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	149205		
253	21.0	17.5	26.3	
125	11.6	9.4	14.0	





#88

Benzo(k)fluoranthene

Concen: 15.82 ng m

RT: 22.31 min Scan# 1874

Delta R.T. 0.00 min

Lab File: BF077214.D

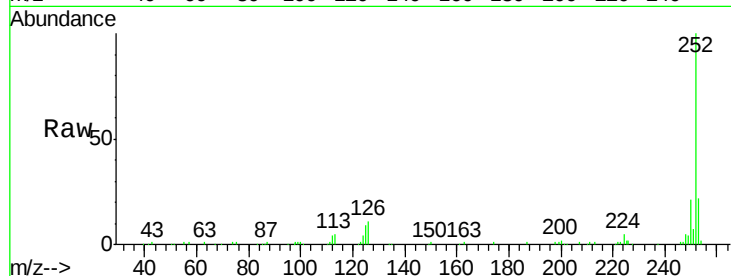
Acq: 6 Feb 2015 22:03

Instrument :

BNA_F

ClientSampleId :

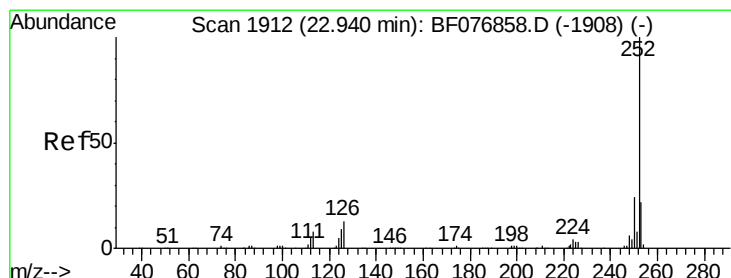
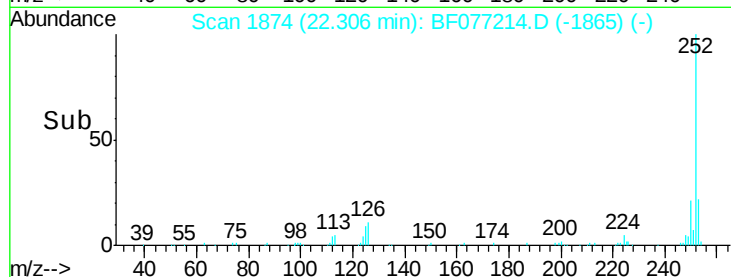
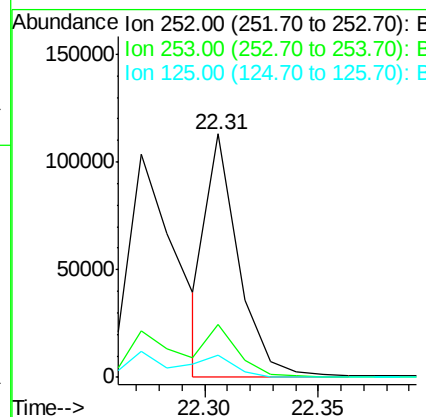
FK-BPM-01-A1A-A2A-A3A-A4AMS



Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	9.0	7.1	10.7

Manual Integrations
APPROVED

apatel
2/9/2015 1:35:59 PM



#89

Benzo(a)pyrene

Concen: 17.87 ng

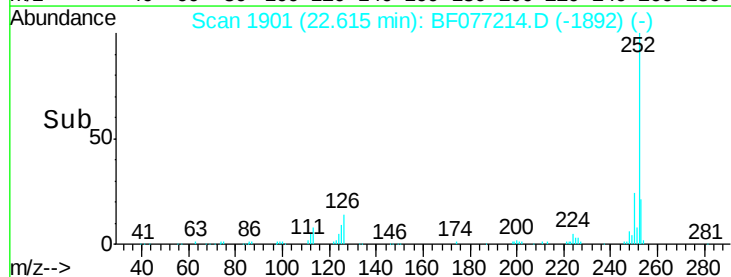
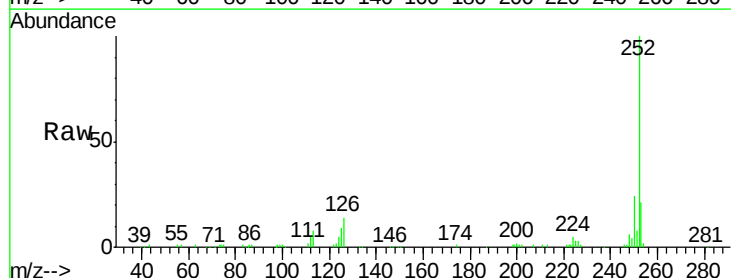
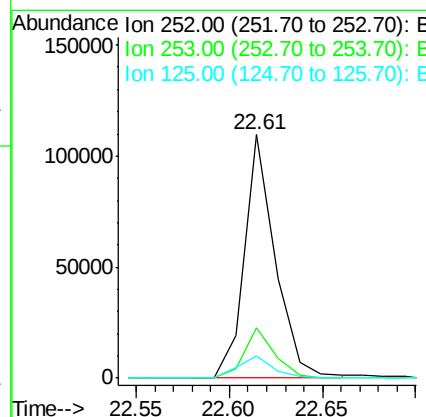
RT: 22.61 min Scan# 1901

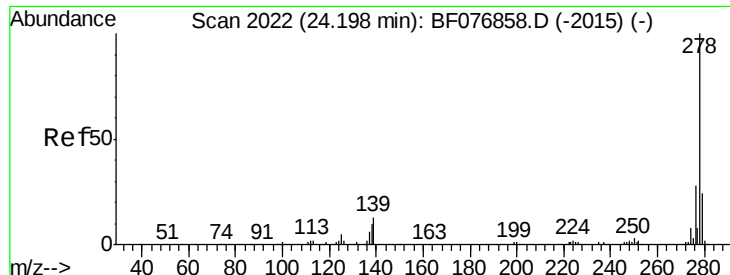
Delta R.T. 0.00 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.9	26.9
125	8.9	7.2	10.8





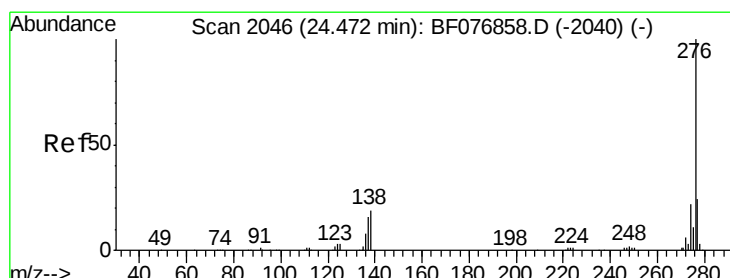
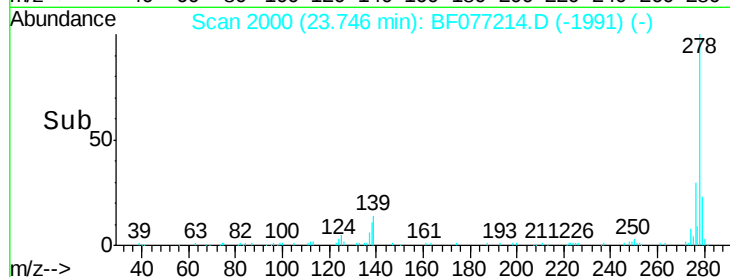
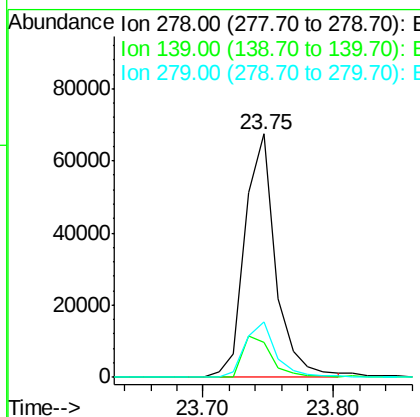
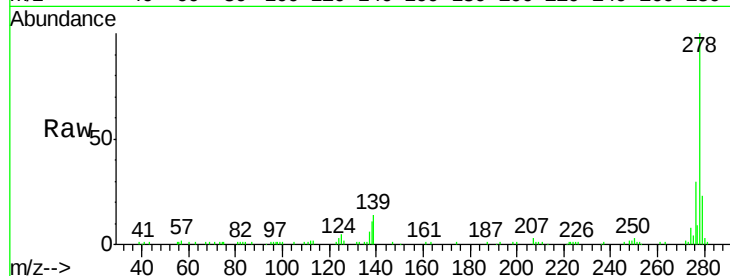
#90
 Dibenzo(a,h)anthracene
 Concen: 17.13 ng
 RT: 23.75 min Scan# 2000
 Delta R.T. 0.00 min
 Lab File: BF077214.D
 Acq: 6 Feb 2015 22:03

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1A-A2A-A3A-A4AMS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.2	10.5	15.7
279	22.8	19.3	28.9

Manual Integrations
 APPROVED

apatel
 2/9/2015 1:35:59 PM



#91
 Benzo(g,h,i)perylene
 Concen: 16.53 ng
 RT: 23.99 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF077214.D
 Acq: 6 Feb 2015 22:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.2	19.5	29.3
138	18.8	15.0	22.6

