

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079966.D
 Acq On : 13 Jun 2015 8:43
 Operator : TP/IZ
 Sample : G2523-10MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-6-4-15MS

Manual Integrations
 APPROVED

apatel
 6/15/2015 1:00:39 PM

Quant Time: Jun 15 11:23:37 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 22:57:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	47540	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	192316	20.00	ng	0.00
38) Acenaphthene-d10	10.44	164	105195	20.00	ng	0.00
63) Phenanthrene-d10	11.95	188	215229	20.00	ng	-0.02
75) Chrysene-d12	14.86	240	246967m	20.00	ng	-0.29
86) Perylene-d12	16.73	264	249598m	20.00	ng	-0.37

System Monitoring Compounds

5) 2-Fluorophenol	5.99	112	175507	67.69	ng	0.00
7) Phenol-d6	6.97	99	135149	38.26	ng	0.00
23) Nitrobenzene-d5	7.93	82	285734	98.03	ng	0.00
41) 2,4,6-Tribromophenol	11.24	330	143434	135.25	ng	0.00
44) 2-Fluorobiphenyl	9.75	172	697657	92.87	ng	0.00
78) Terphenyl-d14	13.61	244	828370m	77.33	ng	-0.16

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.31	88	20142	17.08	ng	98
3) Pyridine	4.14	79	40365	13.35	ng	96
4) n-Nitrosodimethylamine	4.02	42	25429	17.07	ng	95
6) Aniline	7.03	93	93461	18.28	ng	92
8) 2-Chlorophenol	7.16	128	115622	36.69	ng	88
9) Benzaldehyde	6.92	77	8232	4.05	ng	86
10) Phenol	6.99	94	51015	13.13	ng	92
11) bis(2-Chloroethyl)ether	7.10	93	135672	43.40	ng	90
12) 1,3-Dichlorobenzene	7.32	146	133268m	36.25	ng	
13) 1,4-Dichlorobenzene	7.39	146	142898	37.43	ng	94
14) 1,2-Dichlorobenzene	7.55	146	145139	42.80	ng	94
15) Benzyl Alcohol	7.50	79	77951	27.52	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.64	45	239198	51.66	ng	96
17) 2-Methylphenol	7.61	107	81747	29.70	ng	94
18) Hexachloroethane	7.90	117	38937	32.93	ng	# 80
19) n-Nitroso-di-n-propylamine	7.77	70	117807	46.68	ng	# 92
20) 3+4-Methylphenols	7.76	107	99665	28.33	ng	98
22) Acetophenone	7.77	105	211920	46.66	ng	# 90
24) Nitrobenzene	7.95	77	168880	54.47	ng	# 88
25) Isophorone	8.19	82	303879	44.80	ng	# 92
26) 2-Nitrophenol	8.27	139	60568	55.13	ng	# 79
27) 2,4-Dimethylphenol	8.30	122	133096	43.78	ng	97
28) bis(2-Chloroethoxy)methane	8.39	93	175926	43.68	ng	99
29) 2,4-Dichlorophenol	8.51	162	134378	52.78	ng	92
30) 1,2,4-Trichlorobenzene	8.60	180	132981	41.10	ng	95
31) Naphthalene	8.70	128	422102	40.15	ng	99
32) Benzoic acid	8.34	122	15314	19.15	ng	90
33) 4-Chloroaniline	8.73	127	102466	25.11	ng	# 92
34) Hexachlorobutadiene	8.81	225	72847	40.55	ng	97
35) Caprolactam	9.07	113	7016	8.71	ng	# 76
36) 4-Chloro-3-methylphenol	9.19	107	117798	40.50	ng	87
37) 2-Methylnaphthalene	9.38	142	294539	41.47	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.55	216	148760	42.22	ng	98
40) Hexachlorocyclopentadiene	9.54	237	89125	63.14	ng	96

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079966.D
 Acq On : 13 Jun 2015 8:43
 Operator : TP/IZ
 Sample : G2523-10MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-6-4-15MS

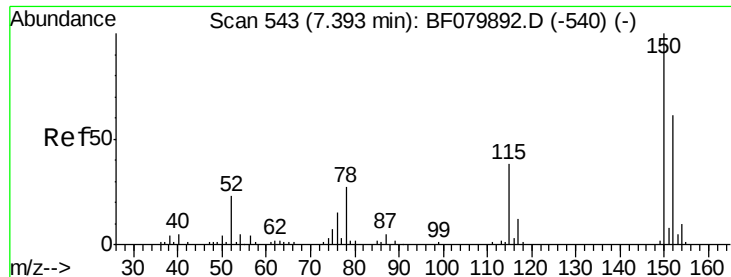
Manual Integrations
 APPROVED

apatel
 6/15/2015 1:00:39 PM

Quant Time: Jun 15 11:23:37 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 22:57:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.66	196	97525	44.93	ng	98
43) 2,4,5-Trichlorophenol	9.70	196	104434	43.58	ng #	90
45) 1,1'-Biphenyl	9.85	154	423885	49.79	ng	95
46) 2-Chloronaphthalene	9.88	162	306163	42.24	ng	93
47) 2-Nitroaniline	9.96	65	86405	54.83	ng #	69
48) Acenaphthylene	10.31	152	489884	40.04	ng	99
49) Dimethylphthalate	10.14	163	423055	50.20	ng	99
50) 2,6-Dinitrotoluene	10.20	165	74748	48.50	ng #	68
51) Acenaphthene	10.48	154	327818	47.14	ng	94
52) 3-Nitroaniline	10.38	138	53179	29.58	ng #	76
53) 2,4-Dinitrophenol	10.48	184	45055	108.98	ng #	1
54) Dibenzofuran	10.65	168	485313	47.76	ng	93
55) 4-Nitrophenol	10.51	139	47525	36.76	ng	89
56) 2,4-Dinitrotoluene	10.60	165	94897	46.64	ng #	55
57) Fluorene	10.99	166	369363	41.71	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.76	232	100394m	55.28	ng	
59) Diethylphthalate	10.84	149	392598	46.59	ng	96
60) 4-Chlorophenyl-phenylether	10.98	204	183349	46.36	ng #	83
61) 4-Nitroaniline	10.99	138	78162	40.33	ng	82
62) Azobenzene	11.14	77	368984	45.51	ng	87
64) 4,6-Dinitro-2-methylphenol	11.03	198	32232	62.04	ng	79
65) n-Nitrosodiphenylamine	11.10	169	328197	47.24	ng	99
66) 4-Bromophenyl-phenylether	11.47	248	108437	44.96	ng #	83
67) Hexachlorobenzene	11.55	284	121242	46.08	ng #	81
68) Atrazine	11.62	200	112958	52.82	ng	99
69) Pentachlorophenol	11.75	266	146468	114.95	ng	97
70) Phenanthrene	11.98	178	614928	47.94	ng	99
71) Anthracene	12.02	178	584455	47.08	ng	100
72) Carbazole	12.17	167	558285	46.37	ng	98
73) Di-n-butylphthalate	12.50	149	678296	51.72	ng	99
74) Fluoranthene	13.22	202	701709	49.48	ng	98
77) Pyrene	13.47	202	728963	47.00	ng	99
79) Butylbenzylphthalate	14.15	149	317128m	60.55	ng	
80) Benzo(a)anthracene	14.85	228	699336m	44.59	ng	
81) 3,3'-Dichlorobenzidine	14.79	252	60149m	12.00	ng	
82) Chrysene	14.89	228	673715m	48.68	ng	
83) Bis(2-ethylhexyl)phthalate	14.81	149	479137m	57.15	ng	
84) Di-n-octyl phthalate	15.60	149	816455m	59.72	ng	
85) Indeno(1,2,3-cd)pyrene	18.63	276	802902m	48.89	ng	
87) Benzo(b)fluoranthene	16.18	252	761678m	49.80	ng	
88) Benzo(k)fluoranthene	16.22	252	643257m	41.24	ng	
89) Benzo(a)pyrene	16.65	252	695446m	47.81	ng	
90) Dibenzo(a,h)anthracene	18.65	278	668331m	46.75	ng	
91) Benzo(g,h,i)perylene	19.20	276	680180m	45.98	ng	

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.38 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF079966.D

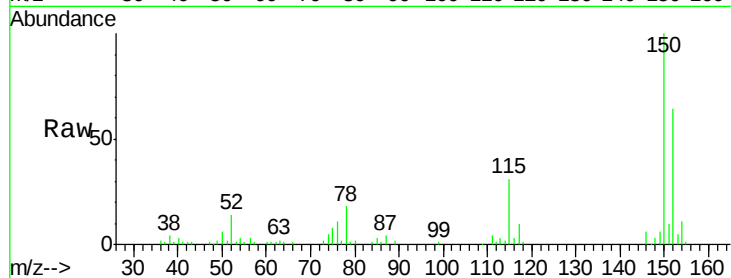
Acq: 13 Jun 2015 8:43

Instrument :

BNA_F

ClientSampleId :

PZ-1-6-4-15MS



Tgt Ion: 152 Resp: 47540

Ion Ratio Lower Upper

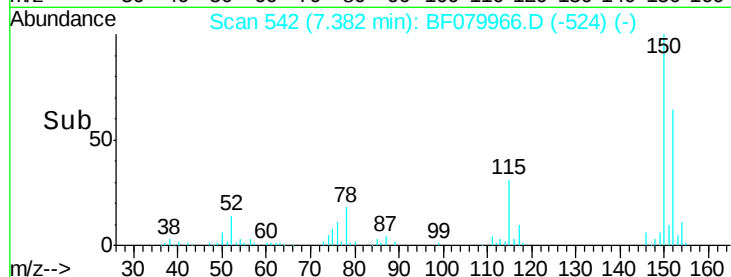
152 100

150 155.9 131.0 196.4

115 48.8 49.8 74.6#

Manual Integrations
APPROVED

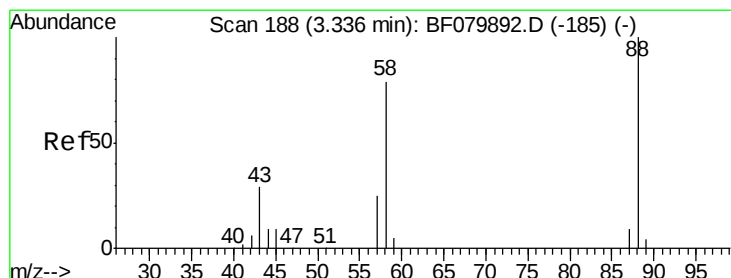
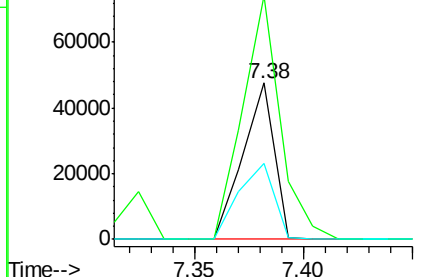
apatel
6/15/2015 1:00:39 PM



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: 17.08 ng

RT: 3.31 min Scan# 186

Delta R.T. 0.01 min

Lab File: BF079966.D

Acq: 13 Jun 2015 8:43

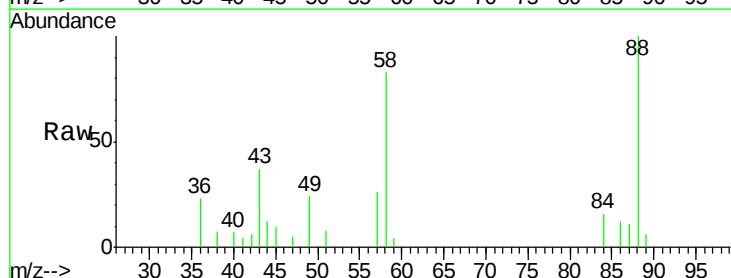
Tgt Ion: 88 Resp: 20142

Ion Ratio Lower Upper

88 100

58 80.6 63.0 94.4

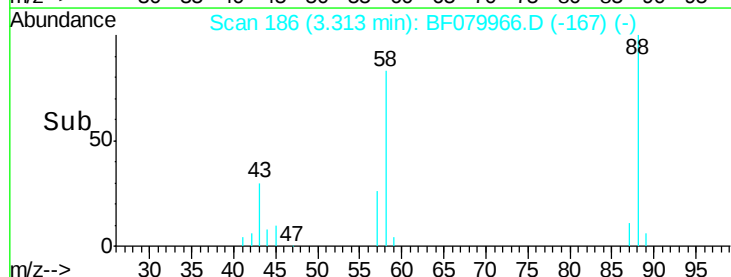
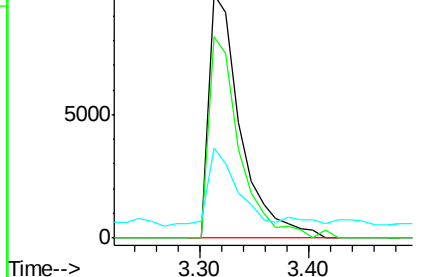
43 29.4 23.2 34.8

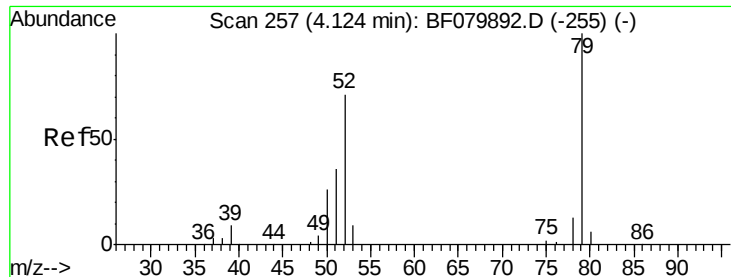


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 13.35 ng

RT: 4.14 min Scan# 258

Delta R.T. 0.05 min

Lab File: BF079966.D

Acq: 13 Jun 2015 8:43

Instrument :

BNA_F

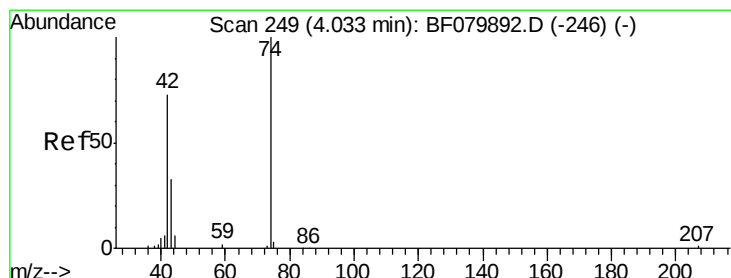
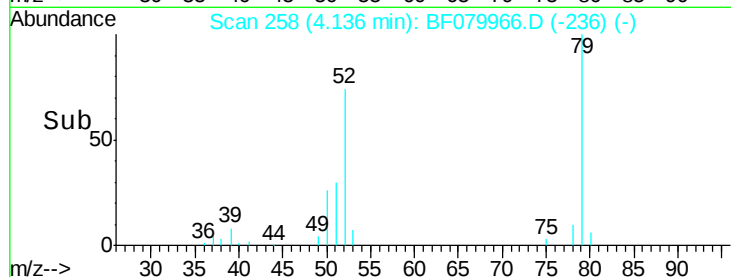
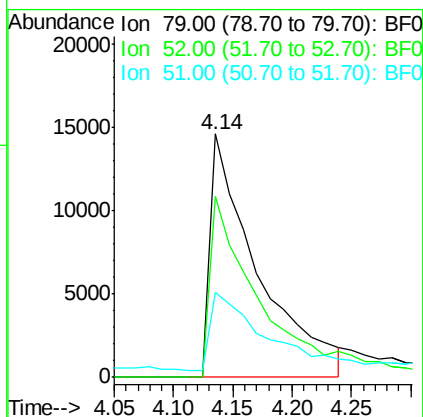
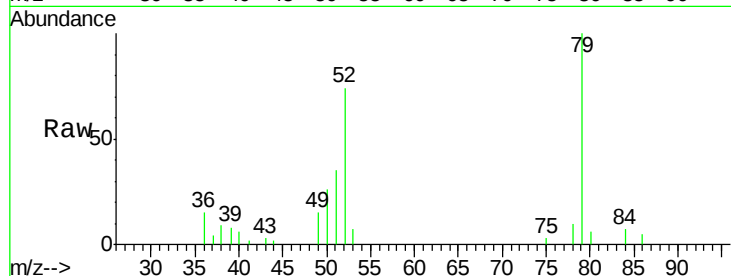
ClientSampleId :

PZ-1-6-4-15MS

Tgt Ion:	79	Resp:	40365
Ion	Ratio	Lower	Upper
79	100		
52	74.3	56.7	85.1
51	34.7	29.8	44.6

Manual Integrations
APPROVED

apatel
6/15/2015 1:00:39 PM



#4

n-Nitrosodimethylamine

Concen: 17.07 ng

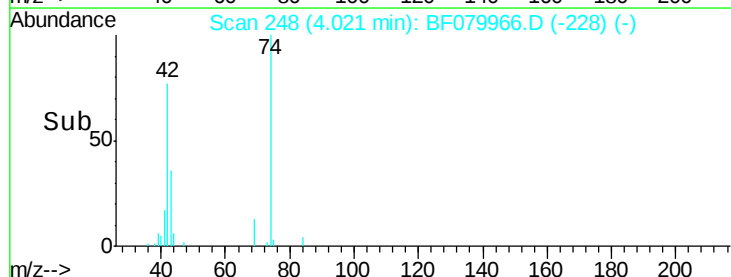
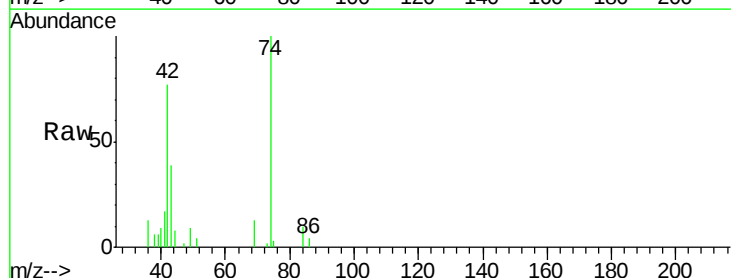
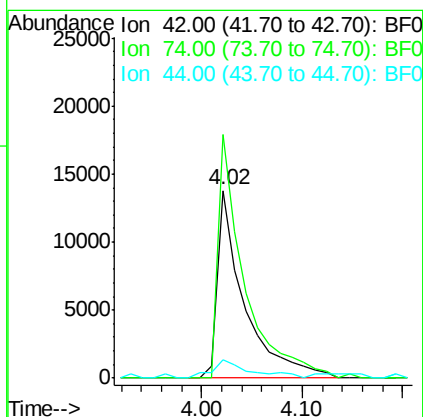
RT: 4.02 min Scan# 248

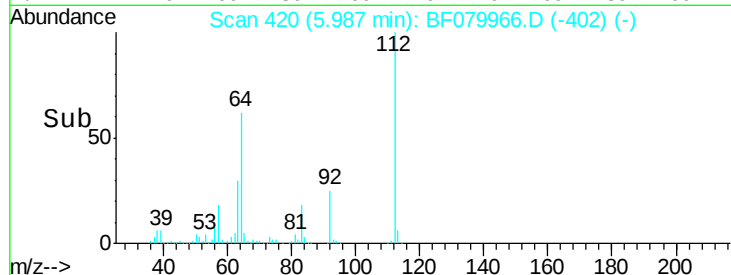
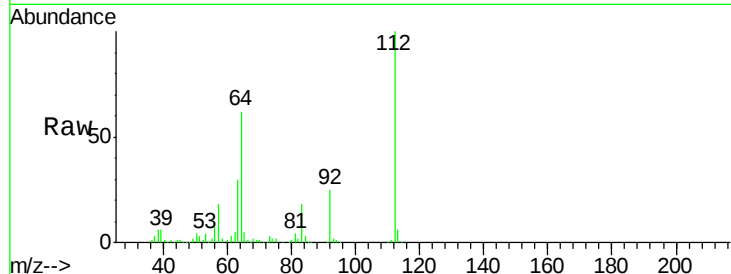
Delta R.T. 0.02 min

Lab File: BF079966.D

Acq: 13 Jun 2015 8:43

Tgt Ion:	42	Resp:	25429
Ion	Ratio	Lower	Upper
42	100		
74	129.8	109.0	163.6
44	9.9	7.7	11.5





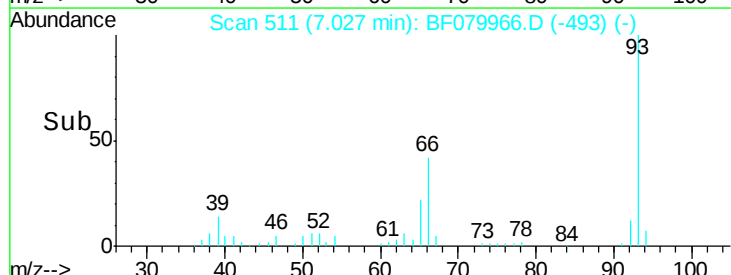
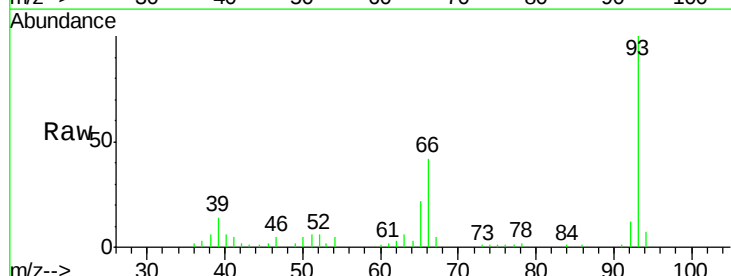
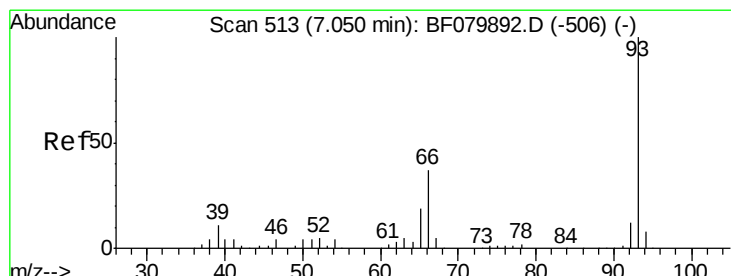
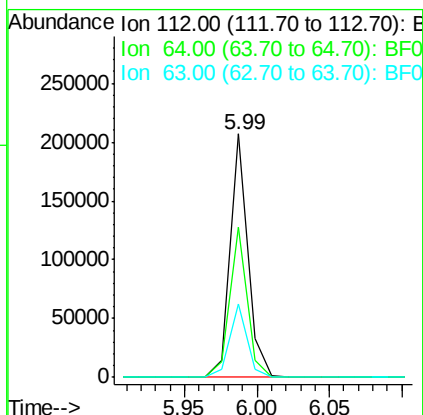
#5
2-Fluorophenol
Concen: 67.69 ng
RT: 5.99 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF079966.D
Acq: 13 Jun 2015 8:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	61.6	54.5	81.7
63	30.2	27.9	41.9

Instrument :
BNA_F
ClientSampleId :
PZ-1-6-4-15MS

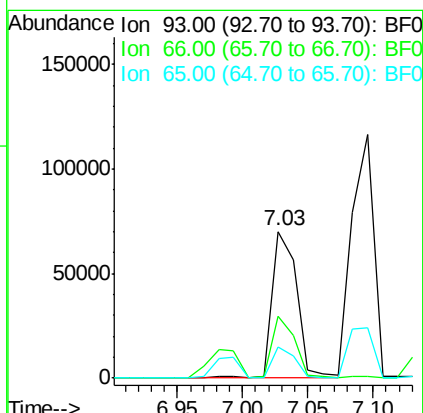
Manual Integrations
APPROVED

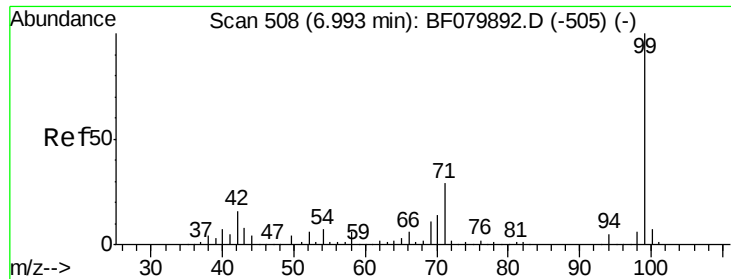
apatel
6/15/2015 1:00:39 PM



#6
Aniline
Concen: 18.28 ng
RT: 7.03 min Scan# 511
Delta R.T. 0.00 min
Lab File: BF079966.D
Acq: 13 Jun 2015 8:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	41.8	29.4	44.0
65	21.5	14.9	22.3





#7

Phenol-d6

Concen: 38.26 ng

RT: 6.97 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF079966.D

Acq: 13 Jun 2015 8:43

Instrument :

BNA_F

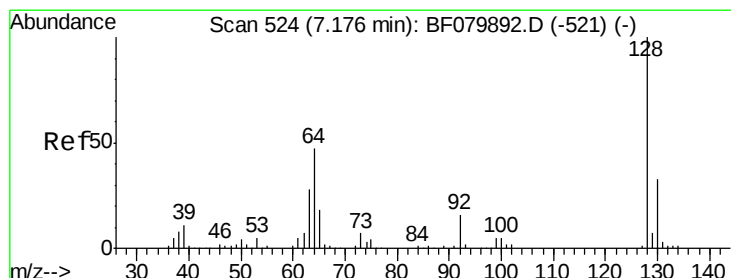
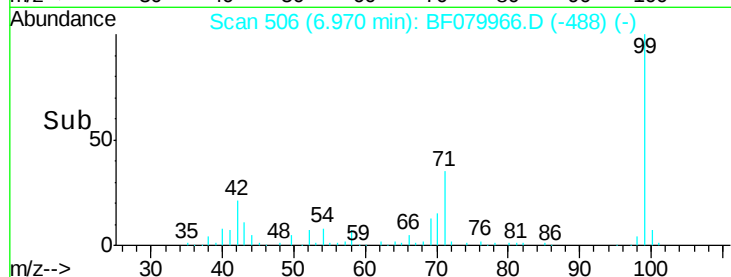
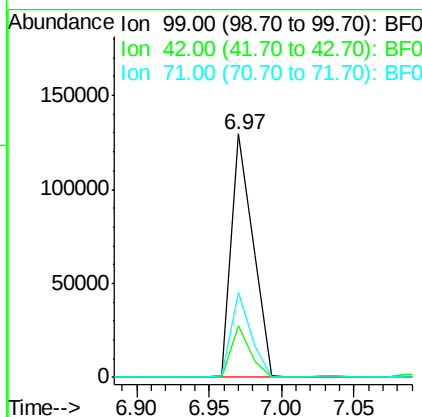
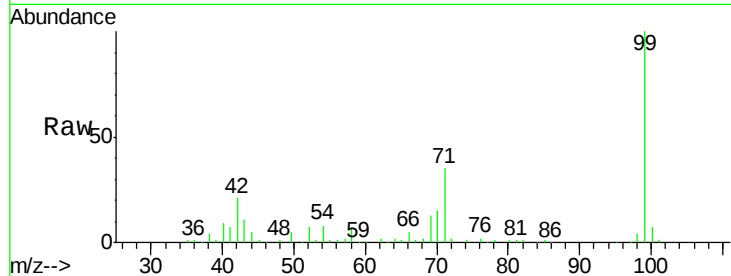
ClientSampleId :

PZ-1-6-4-15MS

Tgt Ion:	99	Resp:	135149
Ion Ratio	Lower	Upper	
99	100		
42	21.2	12.9	19.3#
71	35.1	23.4	35.2

Manual Integrations
APPROVED

apatel
6/15/2015 1:00:39 PM



#8

2-Chlorophenol

Concen: 36.69 ng

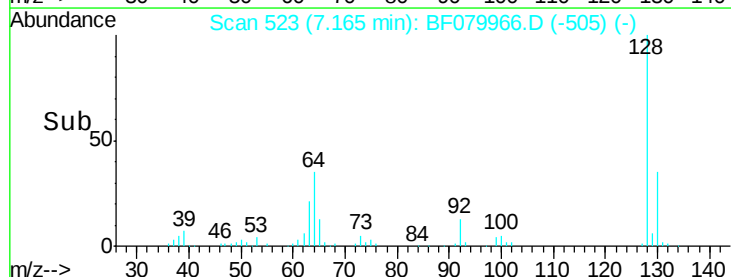
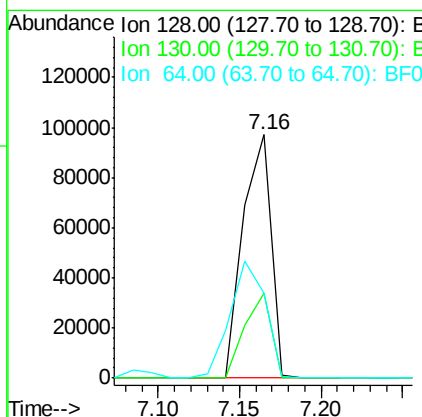
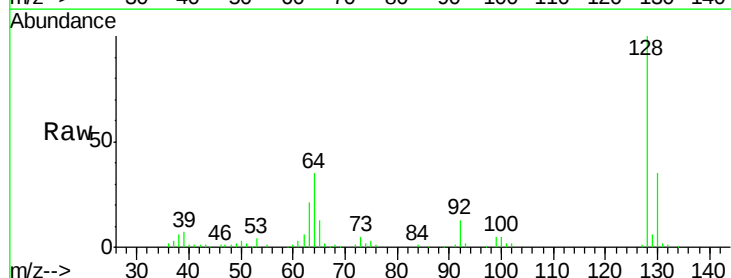
RT: 7.16 min Scan# 523

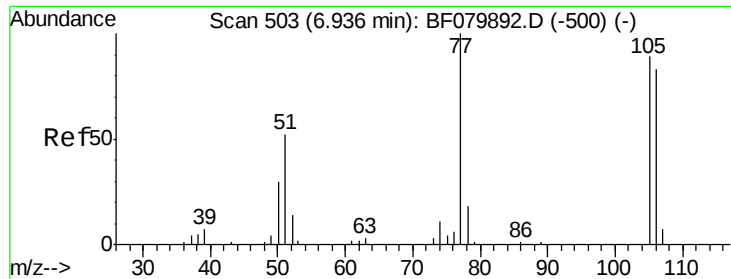
Delta R.T. 0.00 min

Lab File: BF079966.D

Acq: 13 Jun 2015 8:43

Tgt Ion:	128	Resp:	115622
Ion Ratio	Lower	Upper	
128	100		
130	35.0	13.1	53.1
64	34.8	26.8	66.8





#9

Benzaldehyde

Concen: 4.05 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF079966.D

Acq: 13 Jun 2015 8:43

Instrument :

BNA_F

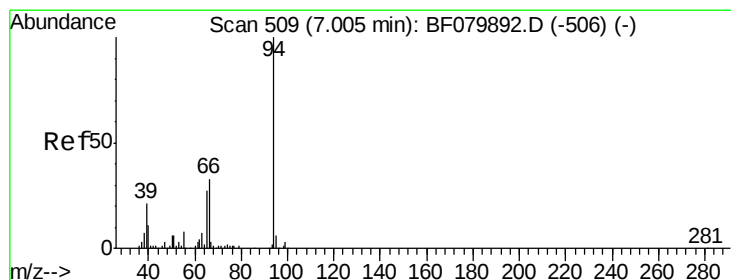
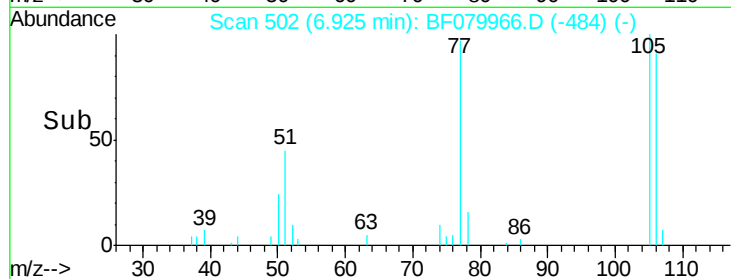
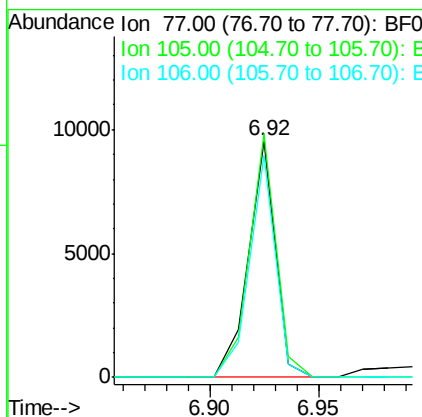
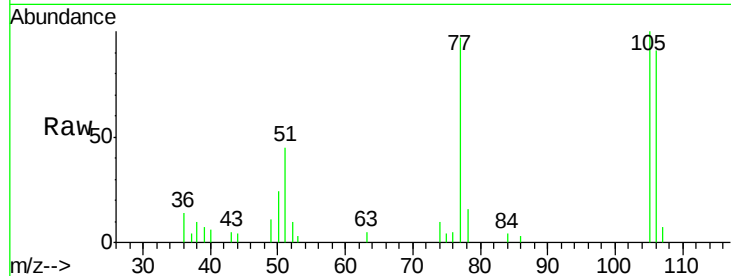
ClientSampleId :

PZ-1-6-4-15MS

Manual Integrations
APPROVED

apatel
6/15/2015 1:00:39 PM

Tgt Ion:	77	Resp:	8232
Ion Ratio	Lower	Upper	
77	100		
105	103.0	68.6	108.6
106	93.8	63.3	103.3



#10

Phenol

Concen: 13.13 ng

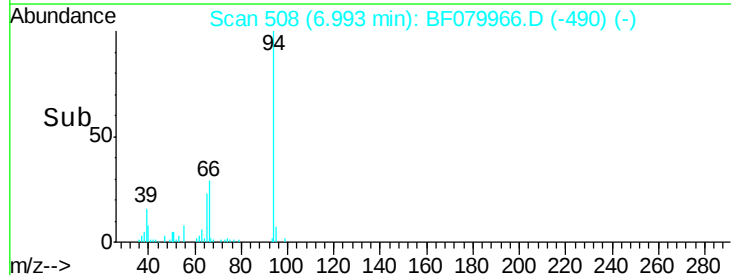
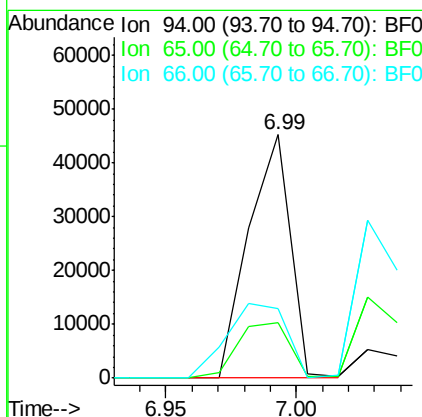
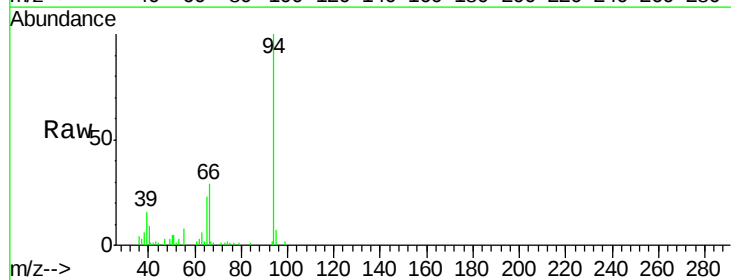
RT: 6.99 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF079966.D

Acq: 13 Jun 2015 8:43

Tgt Ion:	94	Resp:	51015
Ion Ratio	Lower	Upper	
94	100		
65	22.7	7.0	47.0
66	28.7	13.3	53.3





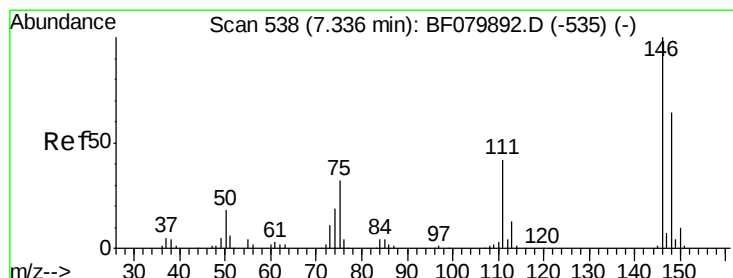
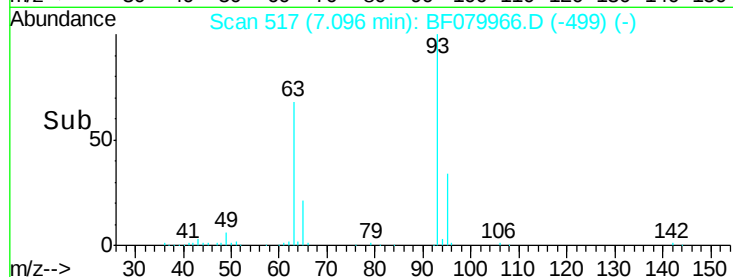
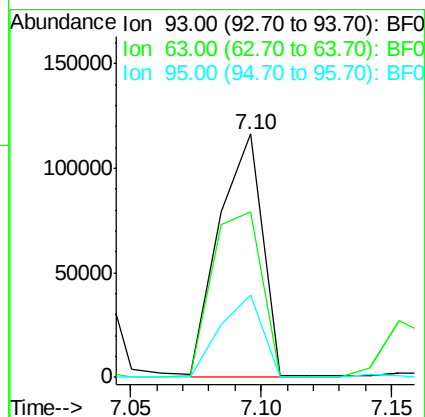
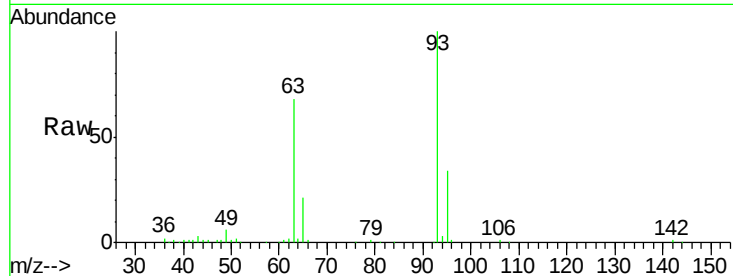
#11
bis(2-Chloroethyl)ether
Concen: 43.40 ng
RT: 7.10 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF079966.D
Acq: 13 Jun 2015 8:43

Instrument :
BNA_F
ClientSampleId :
PZ-1-6-4-15MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	68.0	58.7	98.7
95	33.9	11.5	51.5

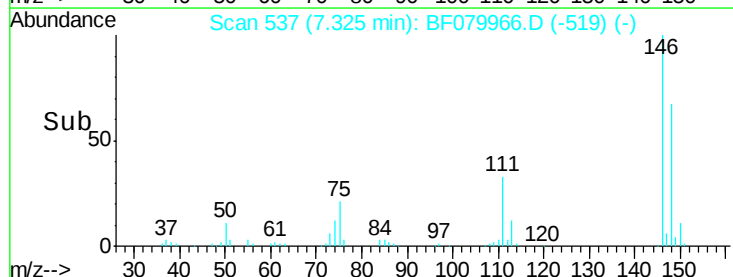
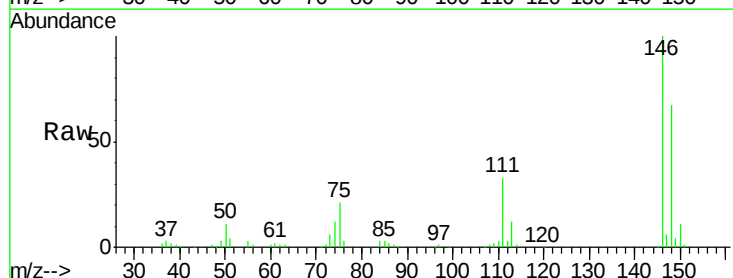
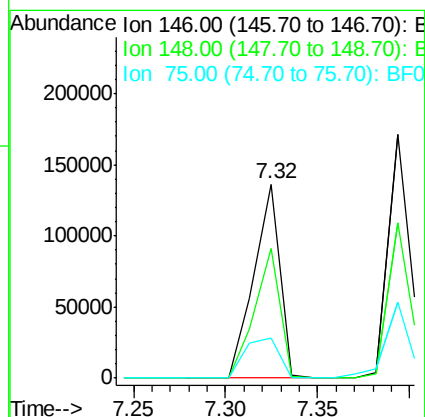
Manual Integrations
APPROVED

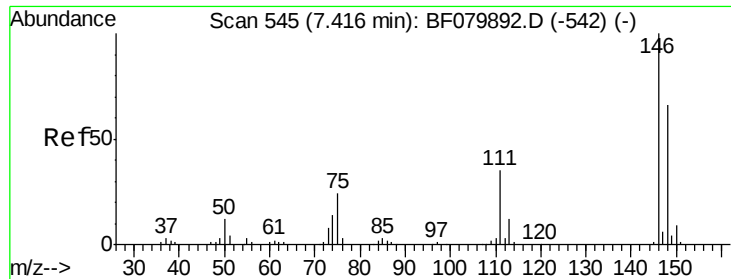
apatel
6/15/2015 1:00:39 PM



#12
1,3-Dichlorobenzene
Concen: 36.25 ng m
RT: 7.32 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF079966.D
Acq: 13 Jun 2015 8:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	66.9	50.9	76.3
75	20.8	25.8	38.6





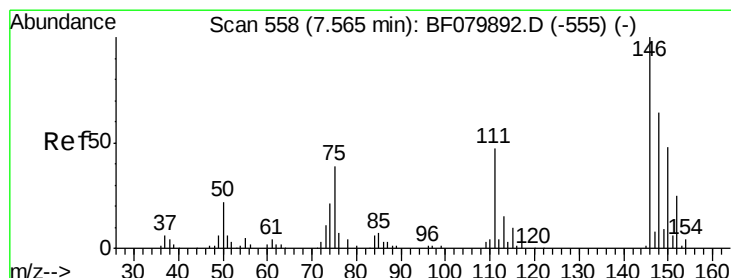
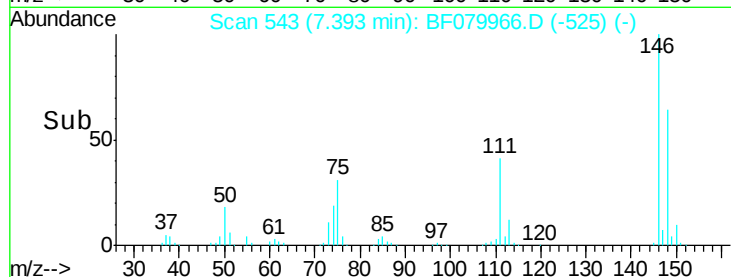
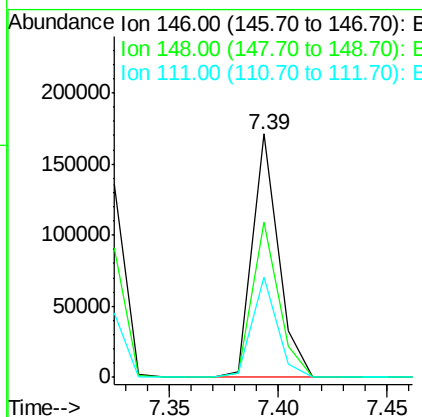
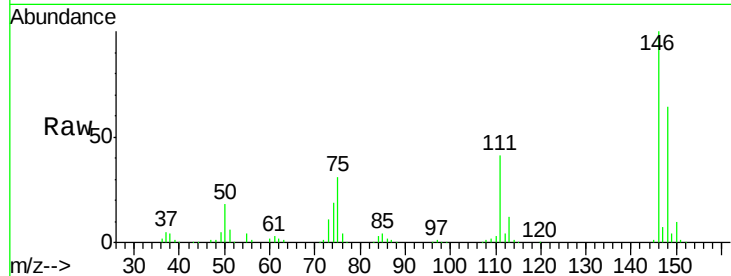
#13
 1,4-Dichlorobenzene
 Concen: 37.43 ng
 RT: 7.39 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: BF079966.D
 Acq: 13 Jun 2015 8:43

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-6-4-15MS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	142898		
148	64.0	53.0	79.6	
111	41.3	28.2	42.2	

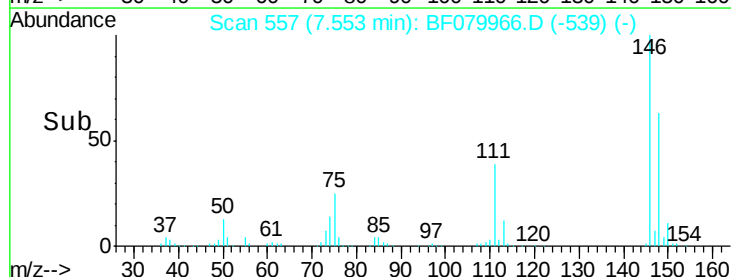
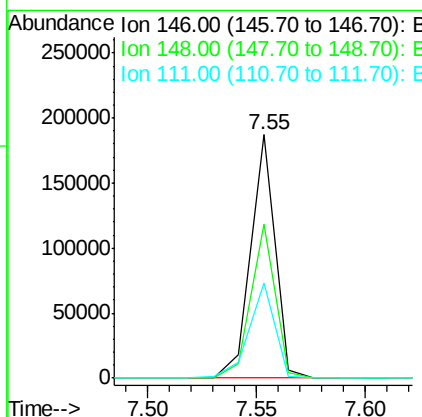
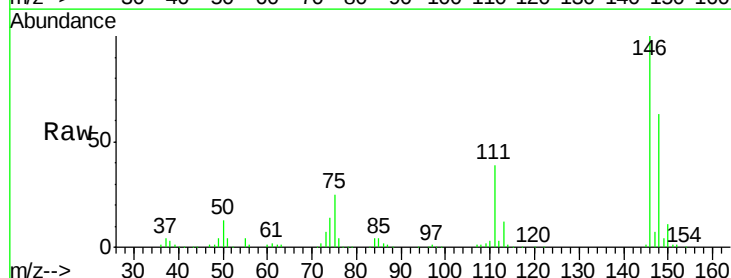
Manual Integrations
 APPROVED

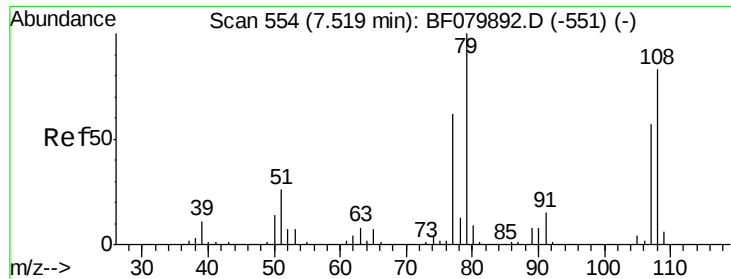
apatel
 6/15/2015 1:00:39 PM



#14
 1,2-Dichlorobenzene
 Concen: 42.80 ng
 RT: 7.55 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: BF079966.D
 Acq: 13 Jun 2015 8:43

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	145139		
148	63.0	51.2	76.8	
111	38.8	37.3	55.9	





#15

Benzyl Alcohol

Concen: 27.52 ng

RT: 7.50 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF079966.D

Acq: 13 Jun 2015 8:43

Instrument :

BNA_F

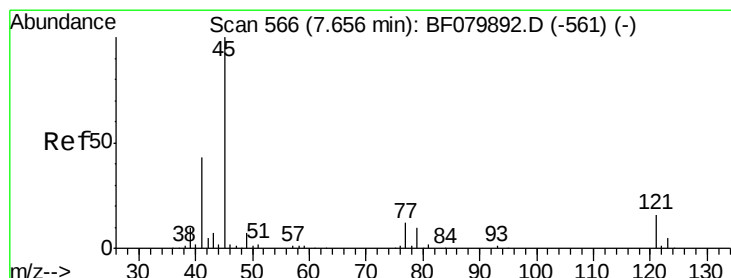
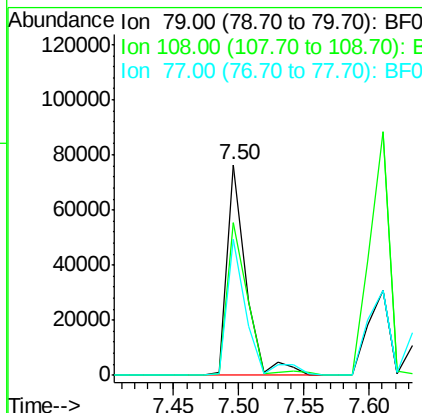
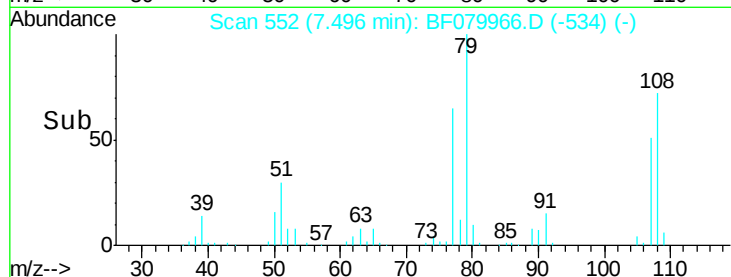
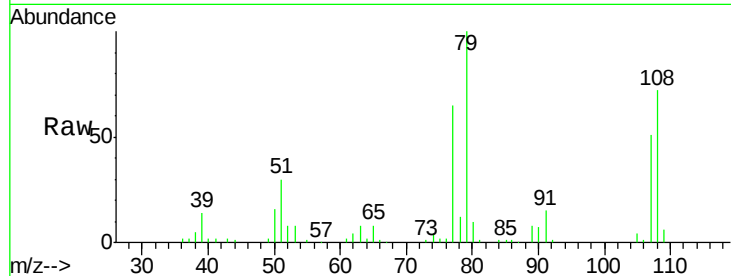
ClientSampleId :

PZ-1-6-4-15MS

Tgt Ion:	79	Resp:	77951
Ion Ratio	Lower	Upper	
79	100		
108	72.3	66.4	99.6
77	64.8	49.4	74.0

Manual Integrations
APPROVED

apatel
6/15/2015 1:00:39 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.66 ng

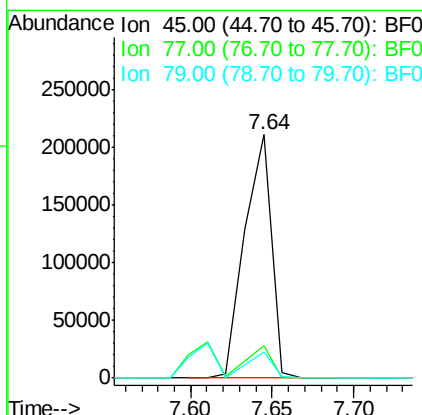
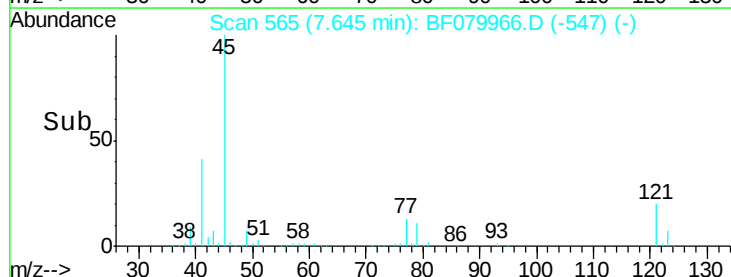
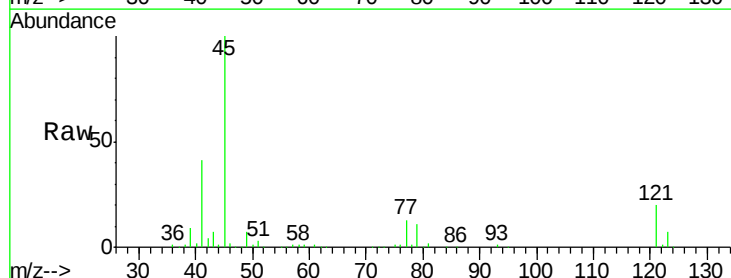
RT: 7.64 min Scan# 565

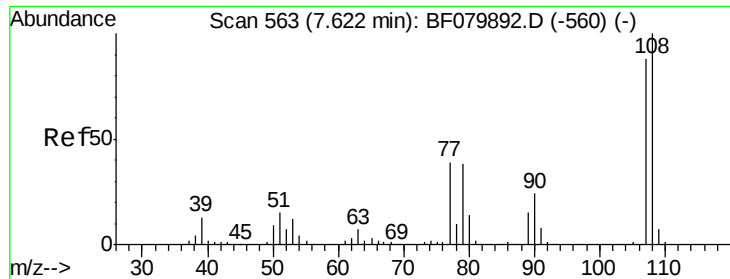
Delta R.T. 0.00 min

Lab File: BF079966.D

Acq: 13 Jun 2015 8:43

Tgt Ion:	45	Resp:	239198
Ion Ratio	Lower	Upper	
45	100		
77	13.5	0.0	31.9
79	10.9	0.0	29.6





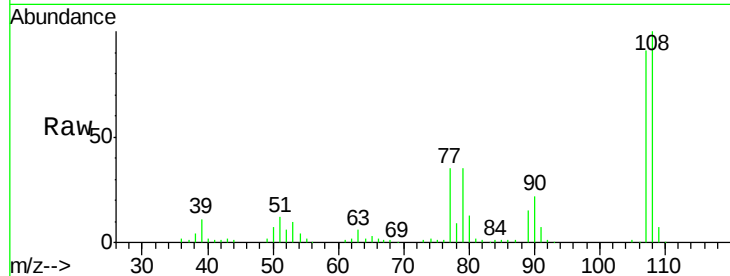
#17
2-Methylphenol
Concen: 29.70 ng
RT: 7.61 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF079966.D
Acq: 13 Jun 2015 8:43

Instrument :
BNA_F
ClientSampleId :
PZ-1-6-4-15MS

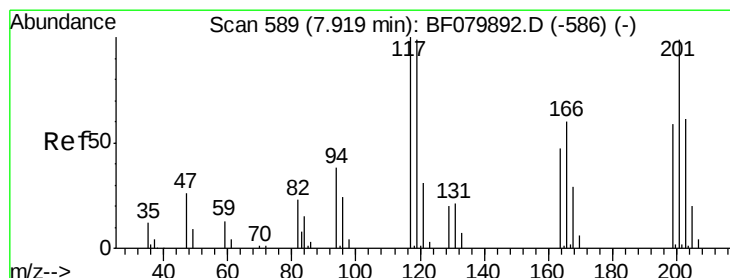
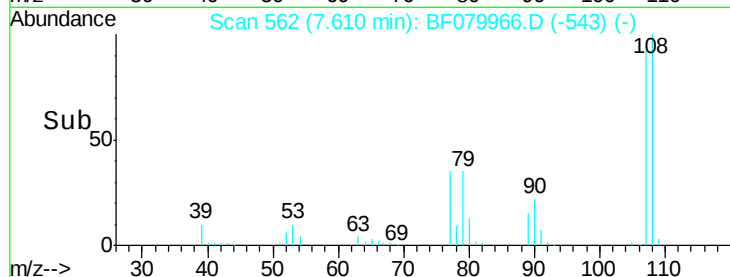
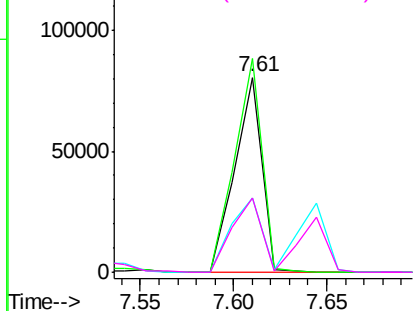
Tgt Ion:	107	Resp:	81747
Ion Ratio	Lower	Upper	
107	100		
108	109.7	90.8	136.2
77	38.3	35.4	53.2
79	38.2	34.7	52.1

Manual Integrations
APPROVED

apatel
6/15/2015 1:00:39 PM

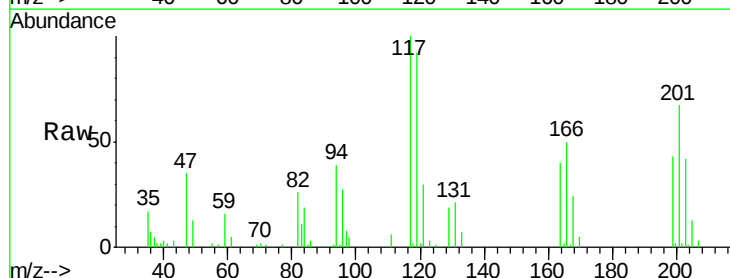


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

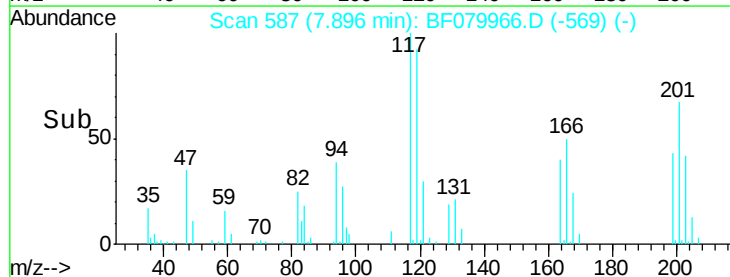
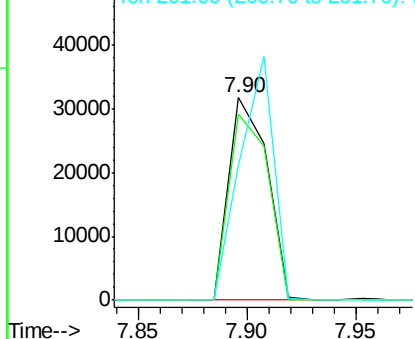


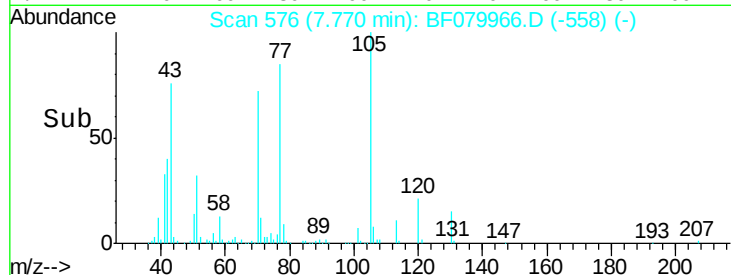
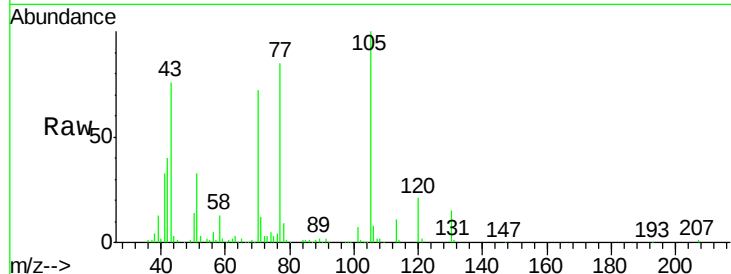
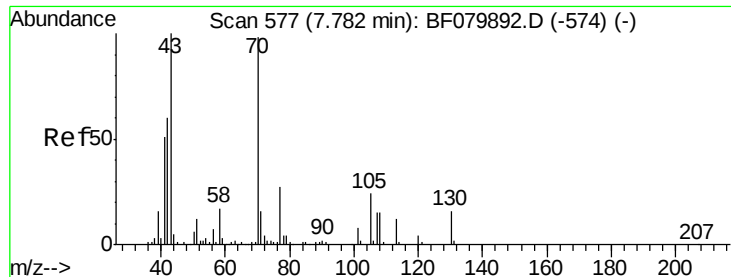
#18
Hexachloroethane
Concen: 32.93 ng
RT: 7.90 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF079966.D
Acq: 13 Jun 2015 8:43

Tgt Ion:	117	Resp:	38937
Ion Ratio	Lower	Upper	
117	100		
119	91.9	79.0	118.6
201	66.6	79.0	118.6#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





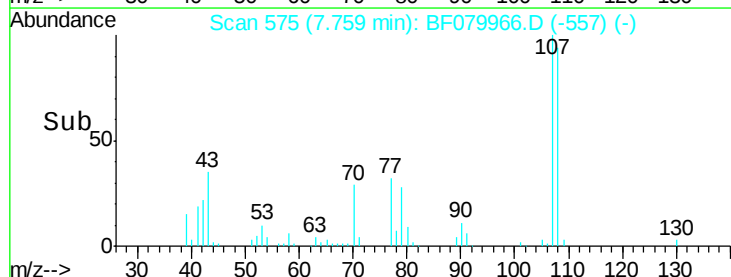
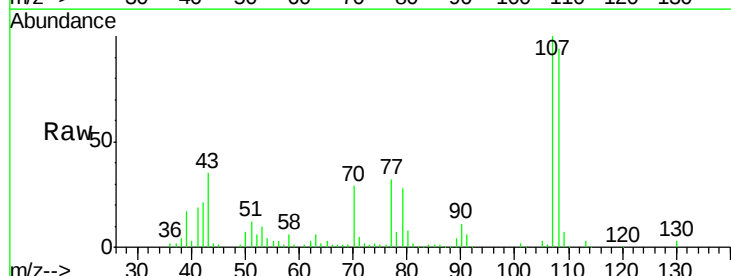
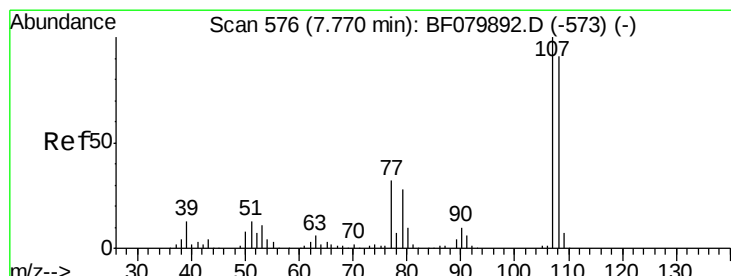
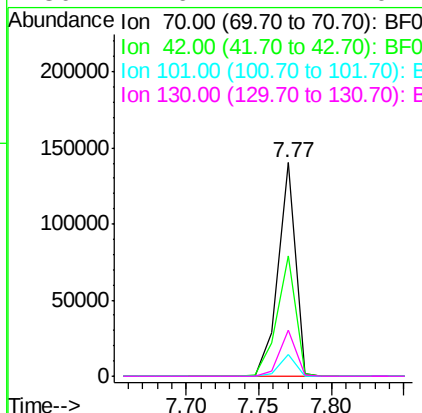
#19
n-Nitroso-di-n-propylamine
Concen: 46.68 ng
RT: 7.77 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF079966.D
Acq: 13 Jun 2015 8:43

Instrument :
BNA_F
ClientSampleId :
PZ-1-6-4-15MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	56.5	49.0	73.4
101	10.3	6.6	9.8#
130	21.6	12.7	19.1#

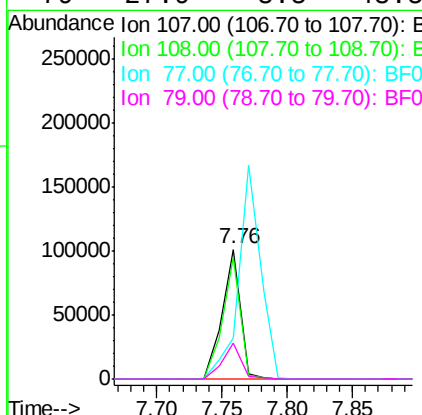
Manual Integrations
APPROVED

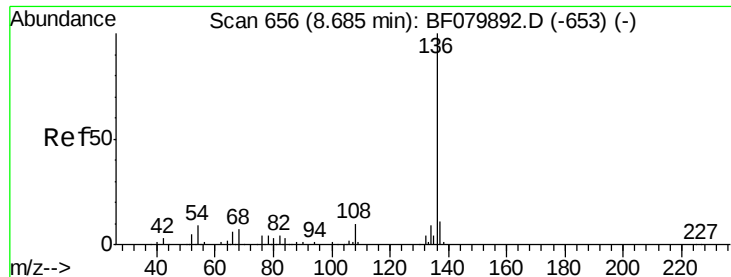
apatel
6/15/2015 1:00:39 PM



#20
3+4-Methylphenols
Concen: 28.33 ng
RT: 7.76 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF079966.D
Acq: 13 Jun 2015 8:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.0	71.1	111.1
77	32.0	12.2	52.2
79	27.9	8.5	48.5





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.67 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF079966.D

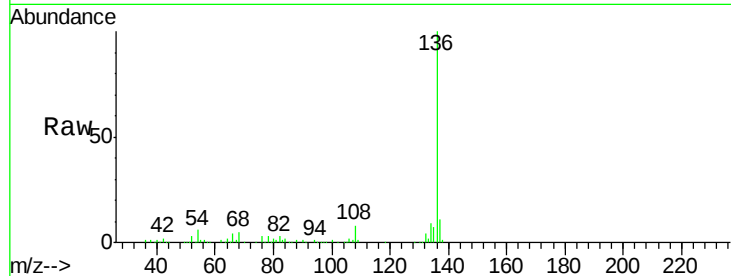
Acq: 13 Jun 2015 8:43

Instrument :

BNA_F

ClientSampleId :

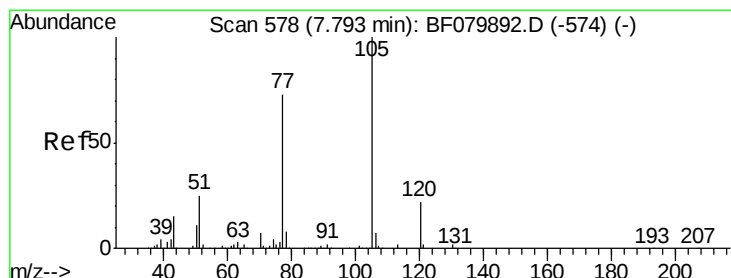
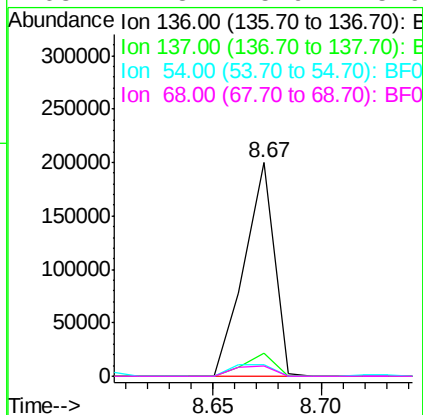
PZ-1-6-4-15MS



Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.6	8.7	13.1
54	5.7	7.3	10.9#
68	4.8	5.9	8.9#

Manual Integrations
APPROVED

apatel
6/15/2015 1:00:39 PM



#22

Acetophenone

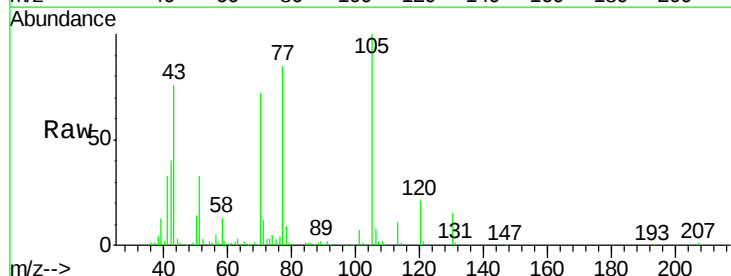
Concen: 46.66 ng

RT: 7.77 min Scan# 576

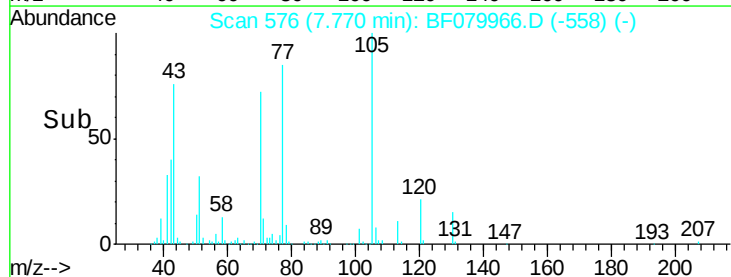
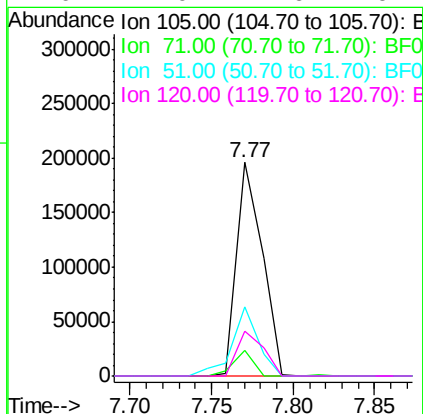
Delta R.T. 0.00 min

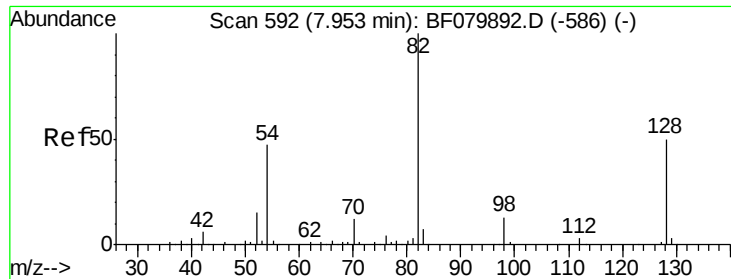
Lab File: BF079966.D

Acq: 13 Jun 2015 8:43



Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	11.8	1.0	1.4#
51	32.6	19.8	29.6#
120	21.0	17.6	26.4





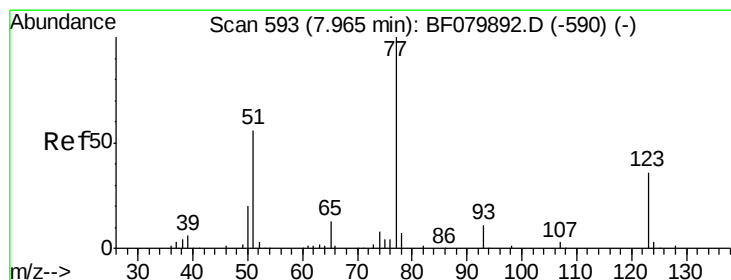
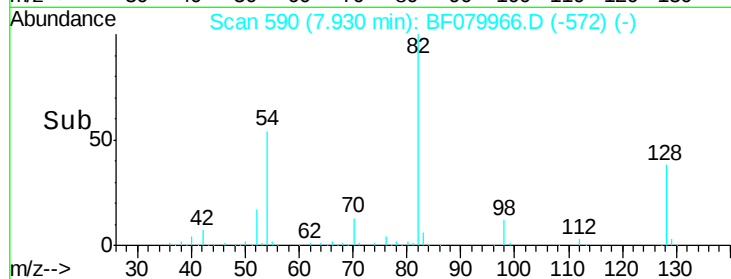
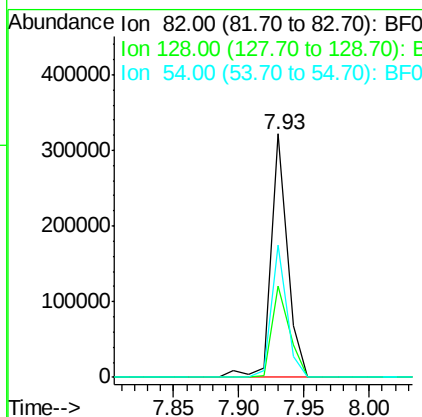
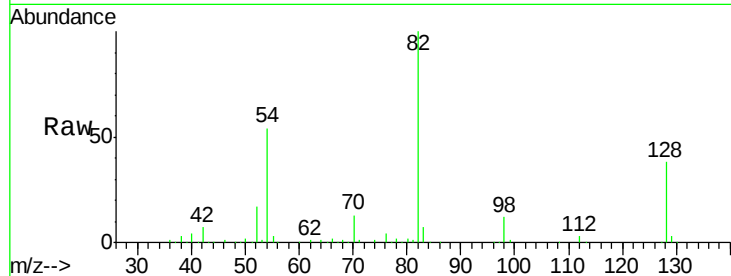
#23
 Nitrobenzene-d5
 Concen: 98.03 ng
 RT: 7.93 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF079966.D
 Acq: 13 Jun 2015 8:43

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-6-4-15MS

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	37.6	40.3	60.5#
54	54.3	38.0	57.0

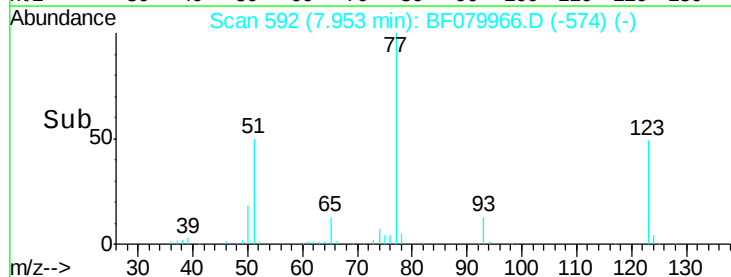
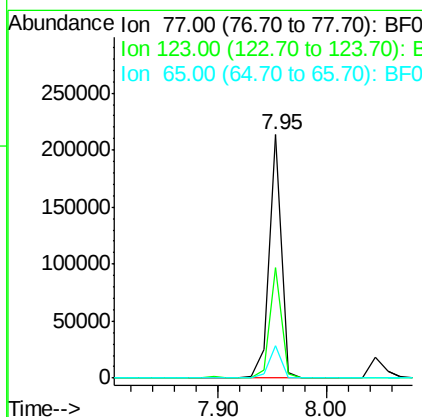
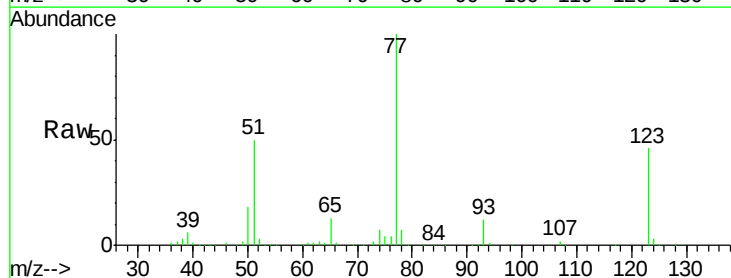
Manual Integrations
 APPROVED

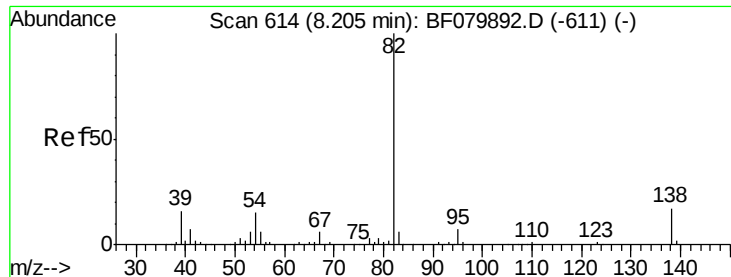
apatel
 6/15/2015 1:00:39 PM



#24
 Nitrobenzene
 Concen: 54.47 ng
 RT: 7.95 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF079966.D
 Acq: 13 Jun 2015 8:43

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	45.6	28.8	43.2#
65	13.2	10.3	15.5





#25

Isophorone

Concen: 44.80 ng

RT: 8.19 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF079966.D

Acq: 13 Jun 2015 8:43

Instrument :

BNA_F

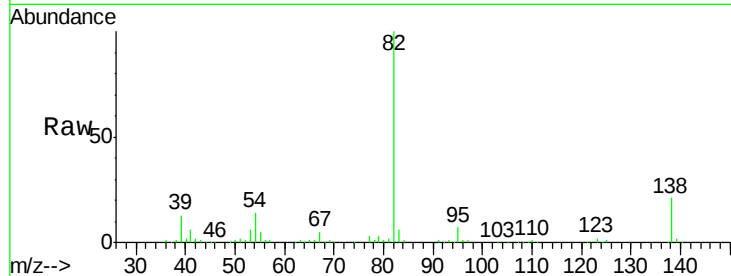
ClientSampleId :

PZ-1-6-4-15MS

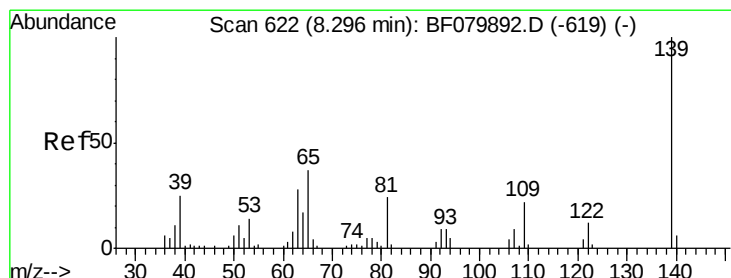
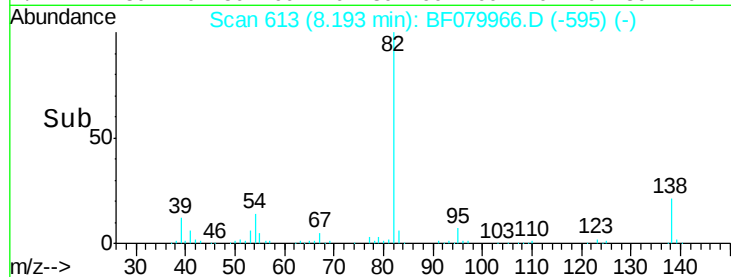
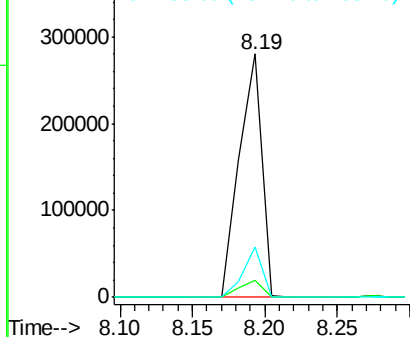
Tgt Ion:	82	Resp:	303879
Ion Ratio		Lower	Upper
82	100		
95	7.2	5.2	7.8
138	20.9	13.3	19.9#

Manual Integrations
APPROVED

apatel
6/15/2015 1:00:39 PM



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 55.13 ng

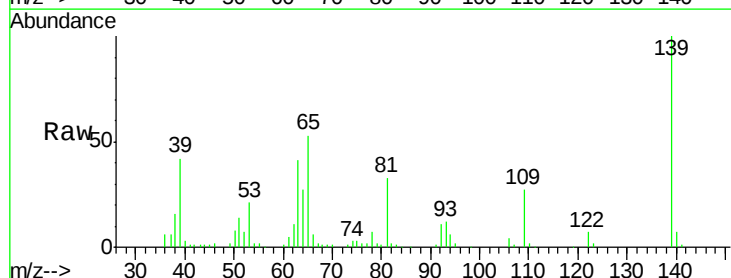
RT: 8.27 min Scan# 620

Delta R.T. 0.00 min

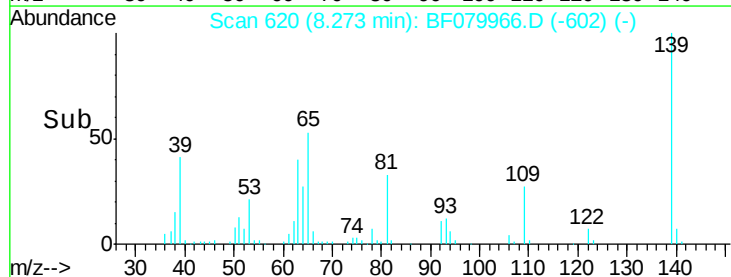
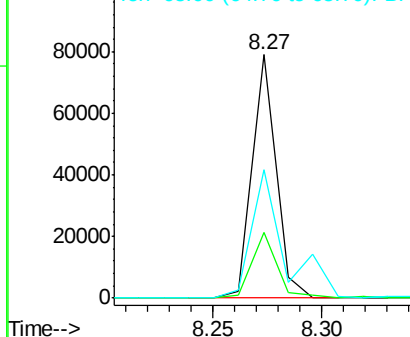
Lab File: BF079966.D

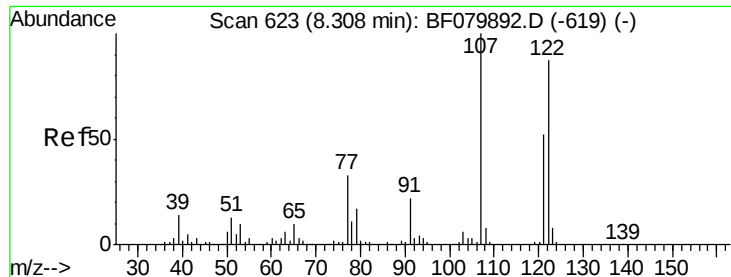
Acq: 13 Jun 2015 8:43

Tgt Ion:	139	Resp:	60568
Ion Ratio		Lower	Upper
139	100		
109	27.1	17.8	26.6#
65	52.7	29.4	44.0#



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





#27

2,4-Dimethylphenol

Concen: 43.78 ng

RT: 8.30 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF079966.D

Acq: 13 Jun 2015 8:43

Instrument :

BNA_F

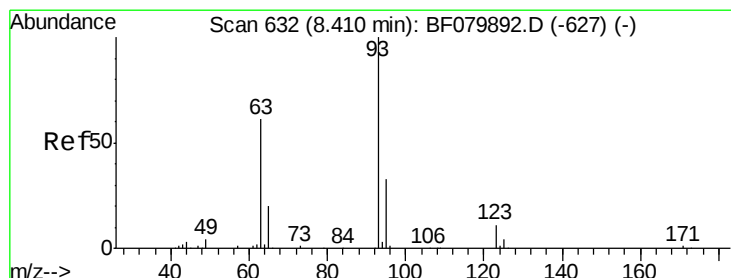
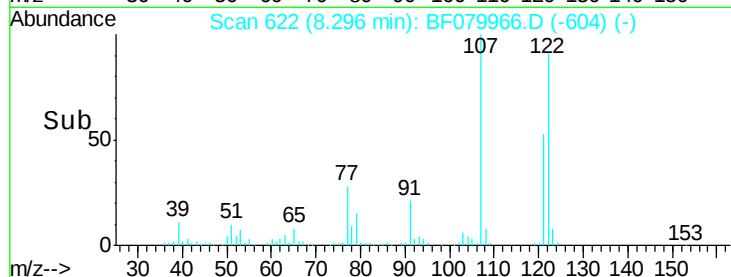
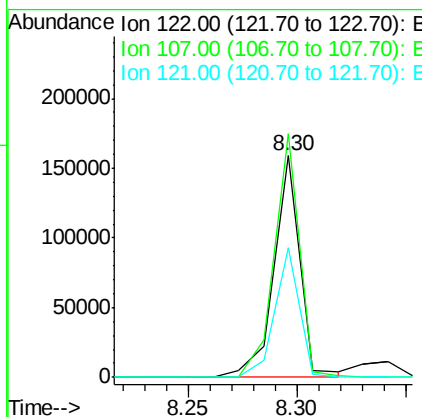
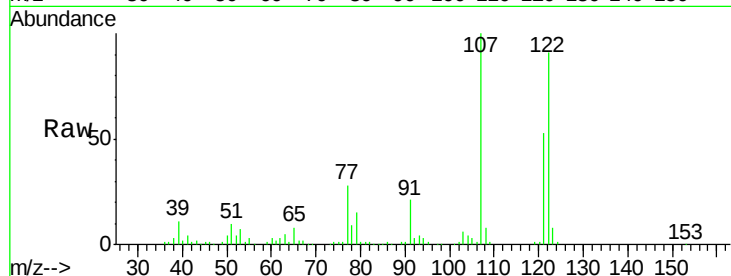
ClientSampleId :

PZ-1-6-4-15MS

Tgt Ion:	122	Resp:	133096
Ion Ratio	Lower	Upper	
122	100		
107	110.0	91.7	137.5
121	58.7	47.8	71.6

Manual Integrations
APPROVED

apatel
6/15/2015 1:00:39 PM



#28

bis(2-Chloroethoxy)methane

Concen: 43.68 ng

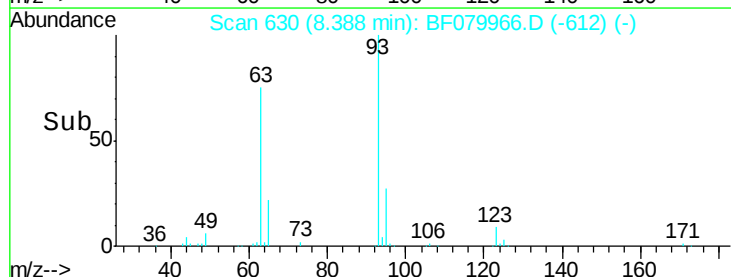
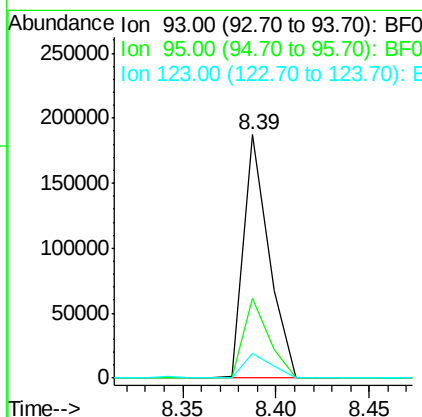
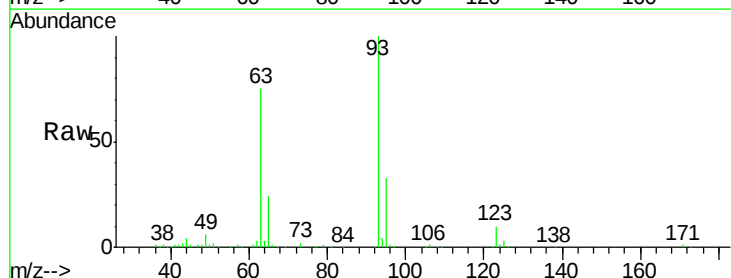
RT: 8.39 min Scan# 630

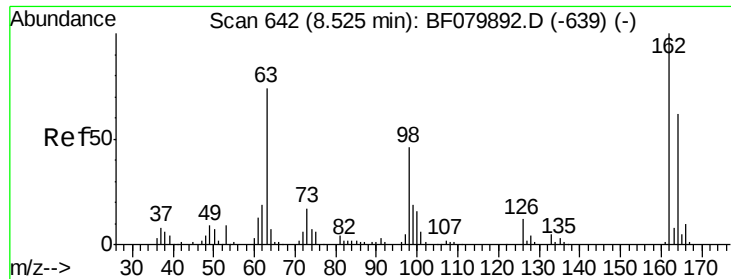
Delta R.T. 0.00 min

Lab File: BF079966.D

Acq: 13 Jun 2015 8:43

Tgt Ion:	93	Resp:	175926
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.1	39.1
123	10.0	8.9	13.3





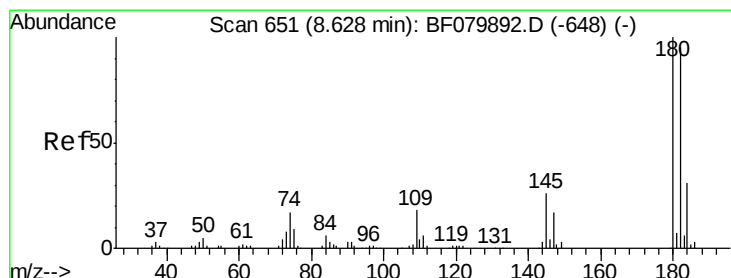
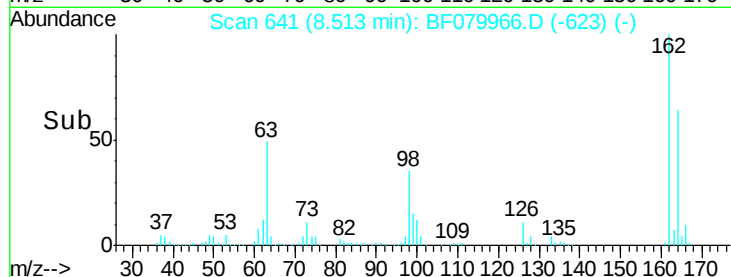
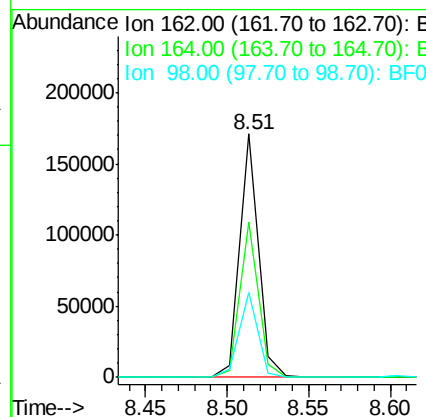
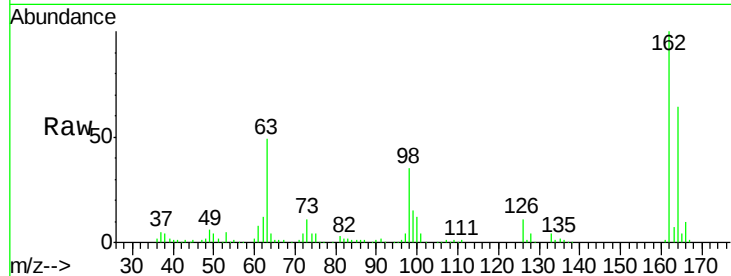
#29
 2,4-Dichlorophenol
 Concen: 52.78 ng
 RT: 8.51 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF079966.D
 Acq: 13 Jun 2015 8:43

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-6-4-15MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.6	42.2	82.2
98	34.7	26.0	66.0

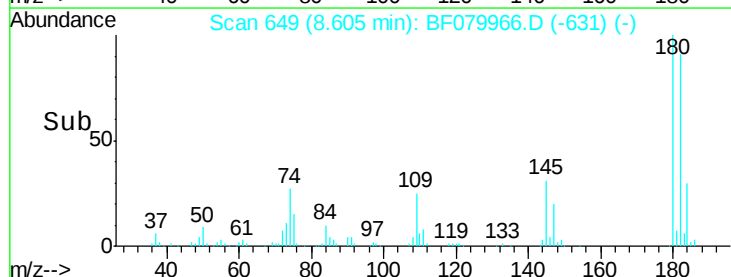
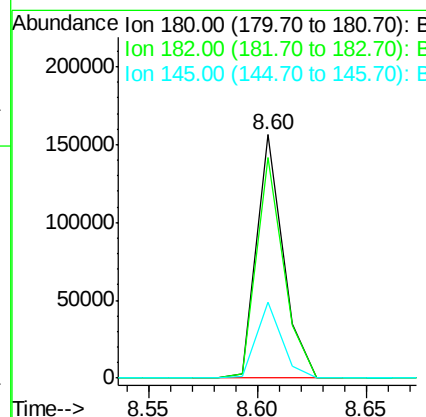
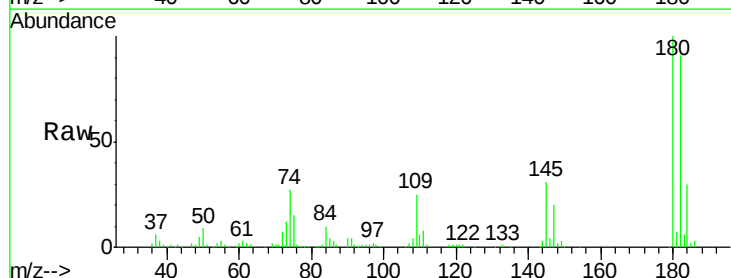
Manual Integrations
 APPROVED

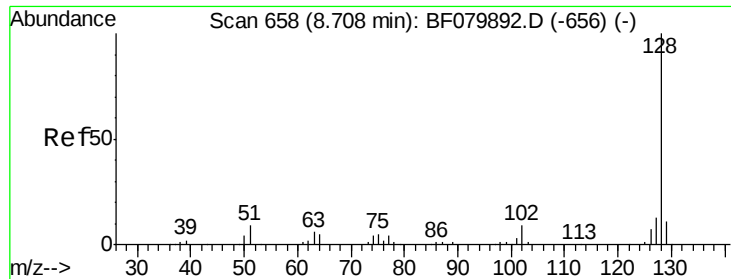
apatel
 6/15/2015 1:00:39 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.10 ng
 RT: 8.60 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF079966.D
 Acq: 13 Jun 2015 8:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	90.8	75.7	113.5
145	31.1	21.1	31.7





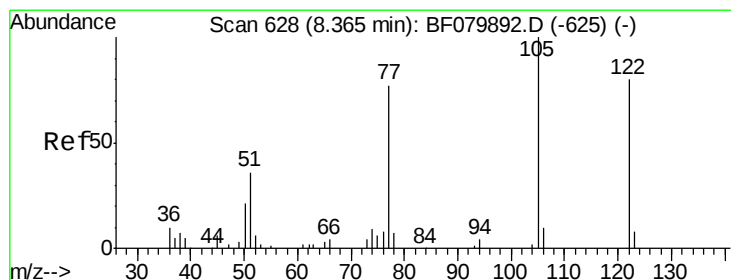
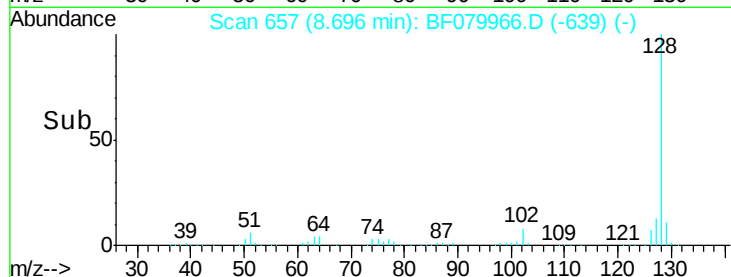
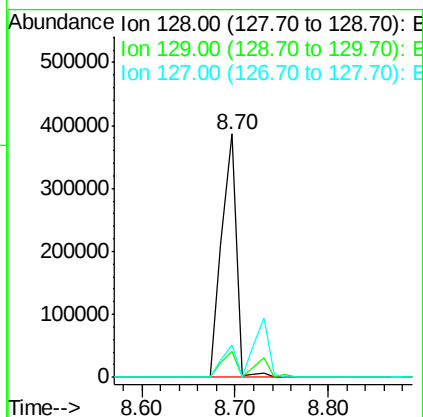
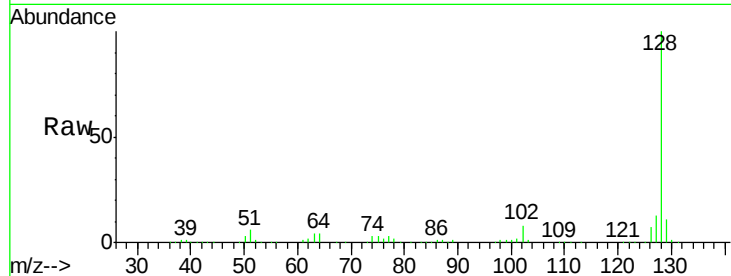
#31
Naphthalene
Concen: 40.15 ng
RT: 8.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: BF079966.D
Acq: 13 Jun 2015 8:43

Instrument :
BNA_F
ClientSampleId :
PZ-1-6-4-15MS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	422102		
129	10.6	8.8	13.2	
127	13.2	10.5	15.7	

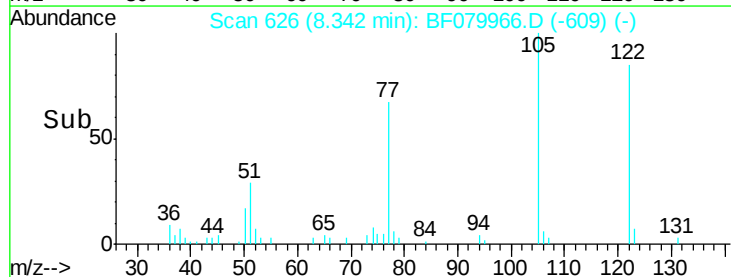
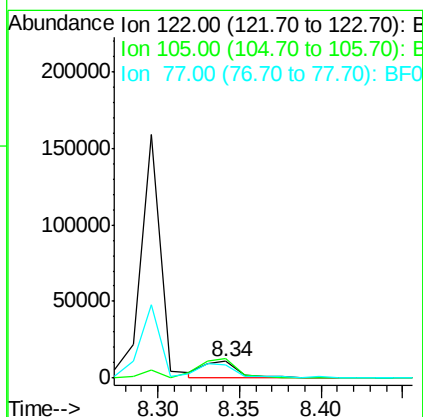
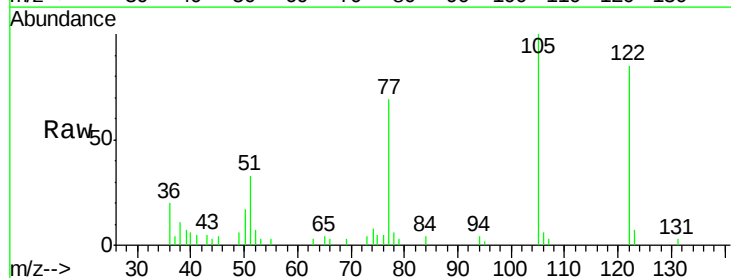
Manual Integrations
APPROVED

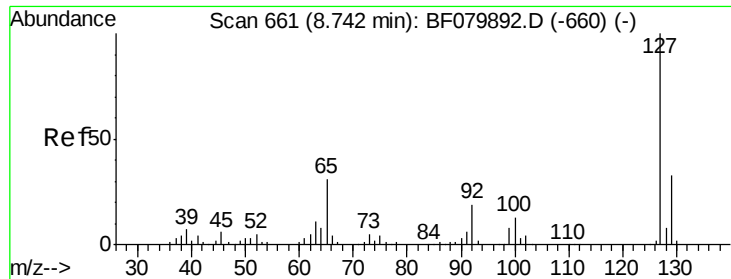
apatel
6/15/2015 1:00:39 PM



#32
Benzoic acid
Concen: 19.15 ng
RT: 8.34 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF079966.D
Acq: 13 Jun 2015 8:43

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	15314		
105	117.5	102.7	142.7	
77	81.3	77.1	117.1	





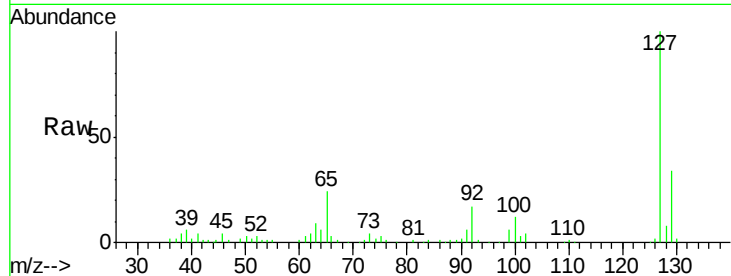
#33
4-Chloroaniline
Concen: 25.11 ng
RT: 8.73 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF079966.D
Acq: 13 Jun 2015 8:43

Instrument :
BNA_F
ClientSampleId :
PZ-1-6-4-15MS

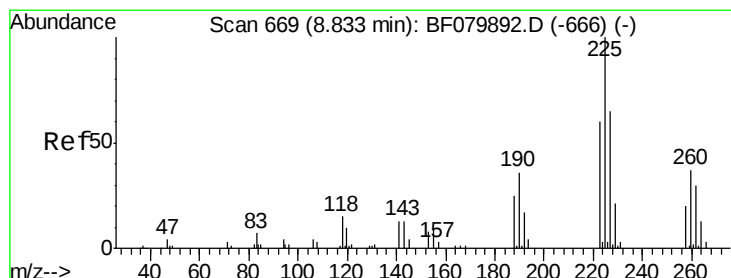
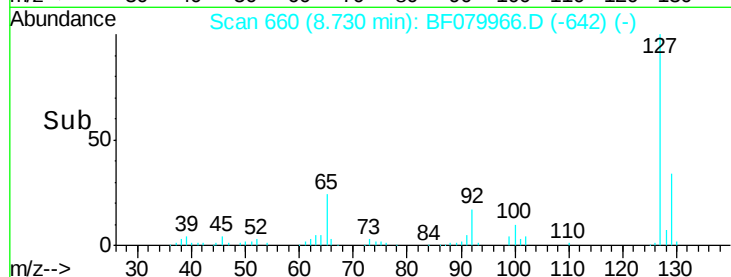
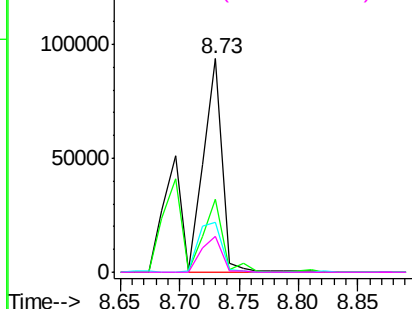
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	102466		
129	34.2	26.1	39.1	
65	23.6	25.5	38.3	
92	16.6	15.7	23.5	

Manual Integrations
APPROVED

apatel
6/15/2015 1:00:39 PM

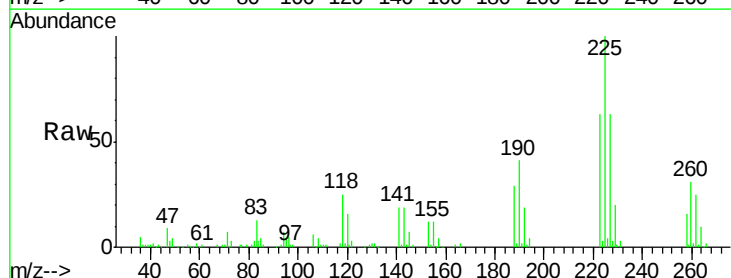


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

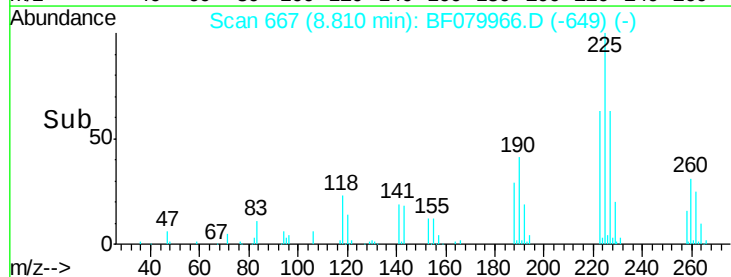
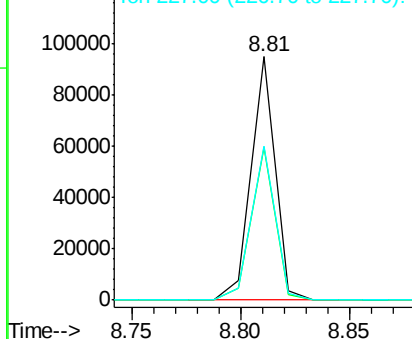


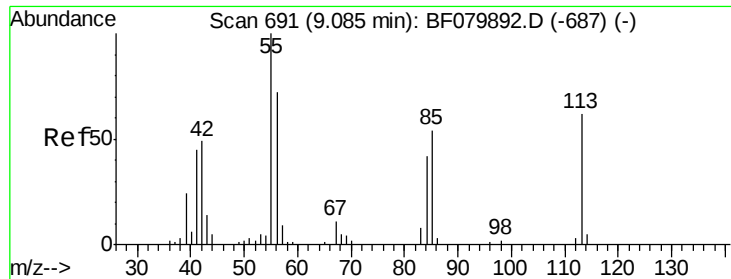
#34
Hexachlorobutadiene
Concen: 40.55 ng
RT: 8.81 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF079966.D
Acq: 13 Jun 2015 8:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	72847		
223	62.8	47.8	71.6	
227	63.2	52.0	78.0	



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





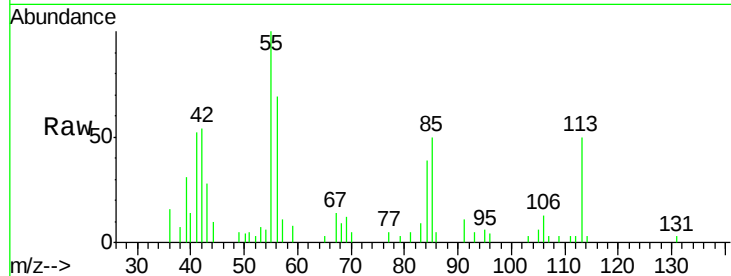
#35
Caprolactam
Concen: 8.71 ng
RT: 9.07 min Scan# 690
Delta R.T. 0.01 min
Lab File: BF079966.D
Acq: 13 Jun 2015 8:43

Instrument :
BNA_F
ClientSampleId :
PZ-1-6-4-15MS

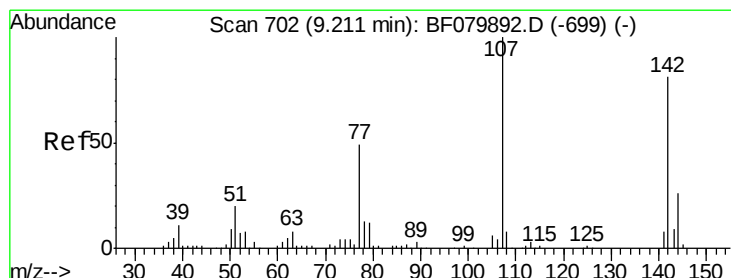
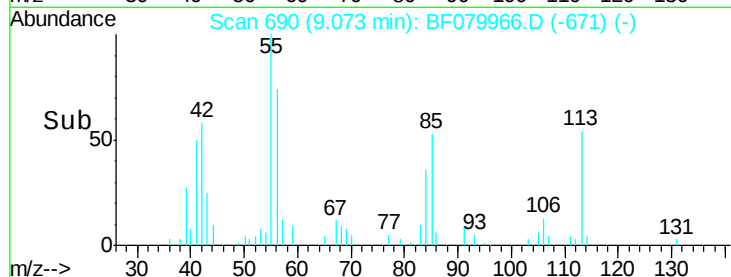
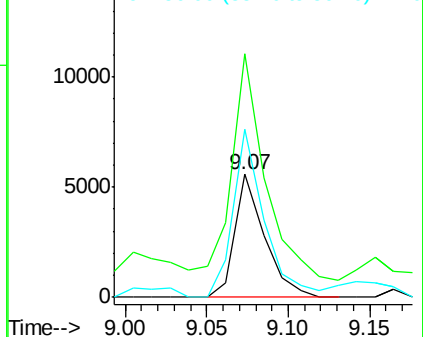
Tgt Ion	Ratio	Lower	Upper
113	100		
55	198.3	141.4	181.4#
56	137.4	95.9	135.9#

Manual Integrations
APPROVED

apatel
6/15/2015 1:00:39 PM

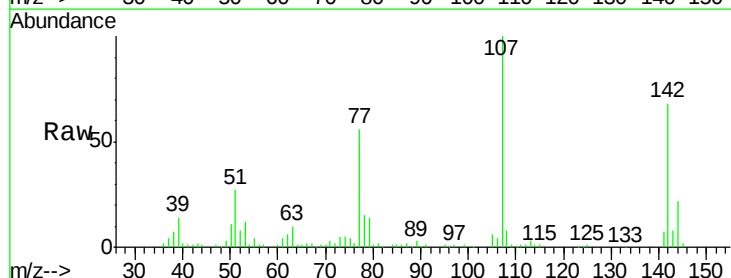


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

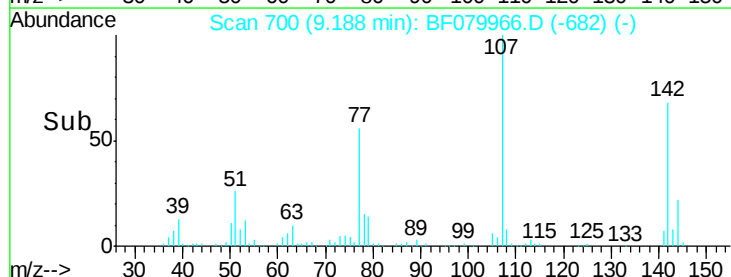
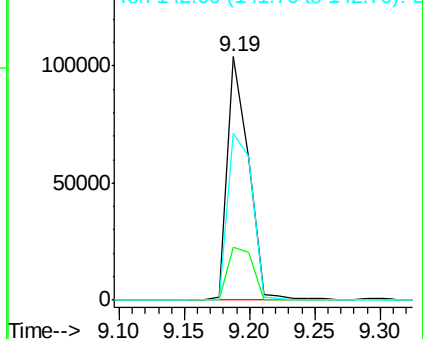


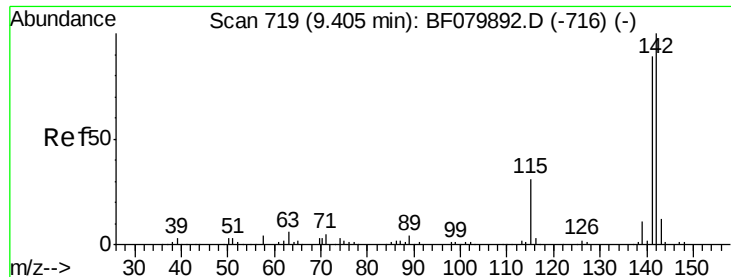
#36
4-Chloro-3-methylphenol
Concen: 40.50 ng
RT: 9.19 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF079966.D
Acq: 13 Jun 2015 8:43

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.7	21.0	31.6
142	68.3	64.5	96.7



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





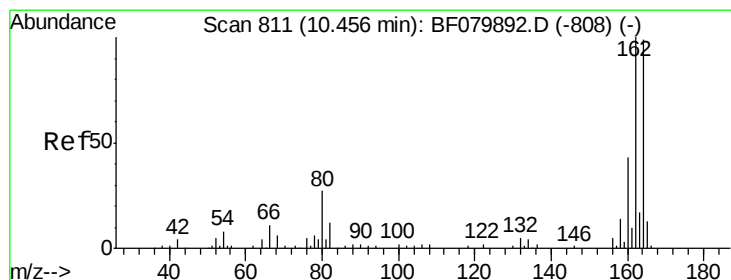
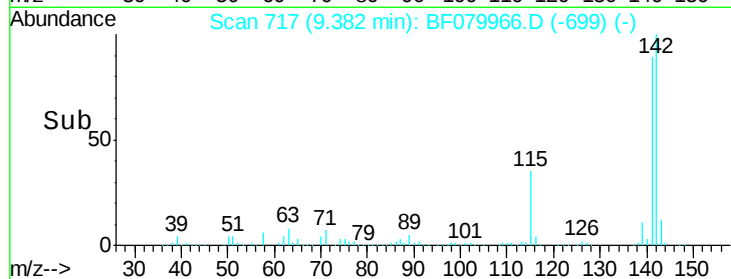
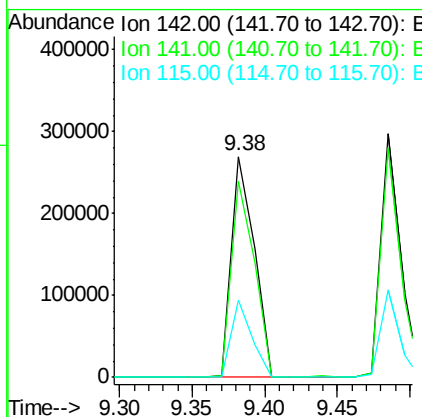
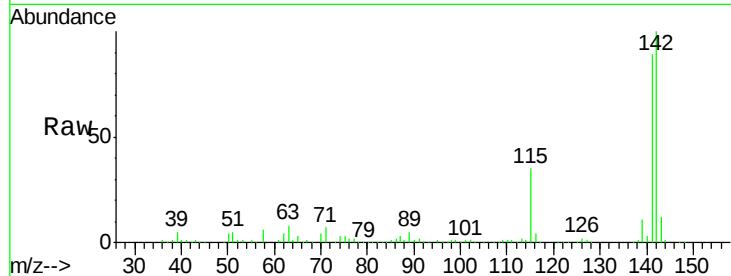
#37
2-Methylnaphthalene
Concen: 41.47 ng
RT: 9.38 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF079966.D
Acq: 13 Jun 2015 8:43

Instrument :
BNA_F
ClientSampleId :
PZ-1-6-4-15MS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	294539		
141	88.8	70.9	106.3	
115	35.1	25.0	37.4	

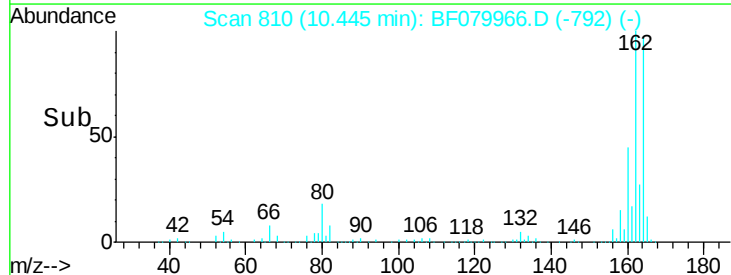
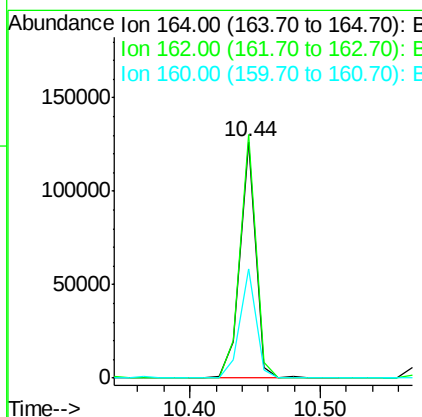
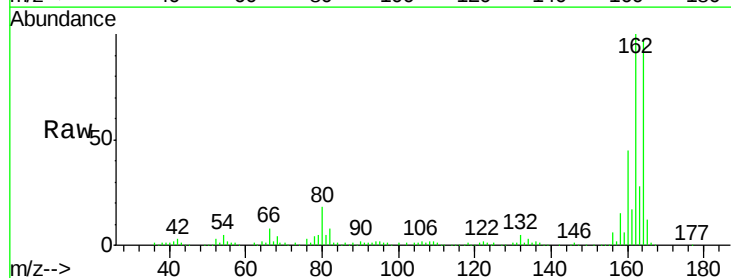
Manual Integrations
APPROVED

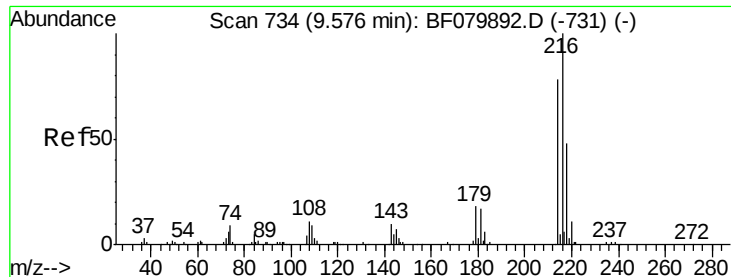
apatel
6/15/2015 1:00:39 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.44 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF079966.D
Acq: 13 Jun 2015 8:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	105195		
162	103.0	80.7	121.1	
160	46.0	34.6	51.8	





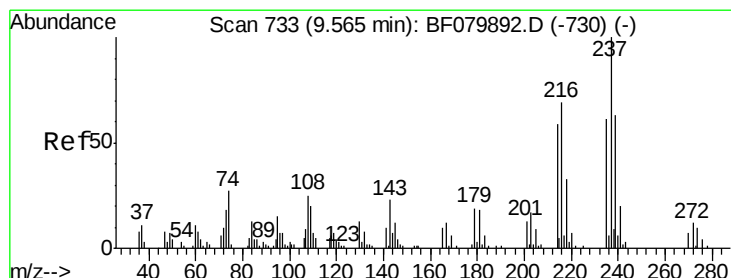
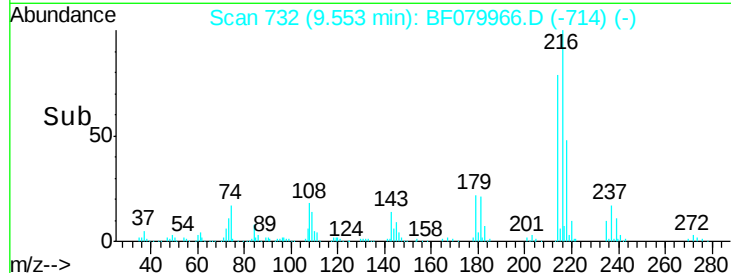
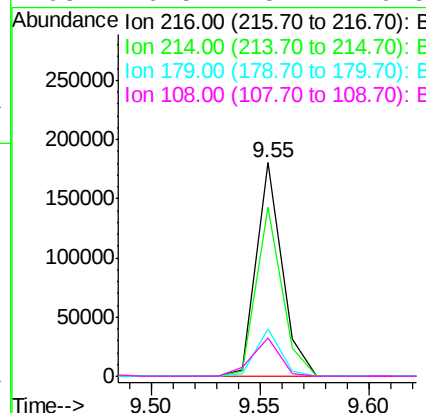
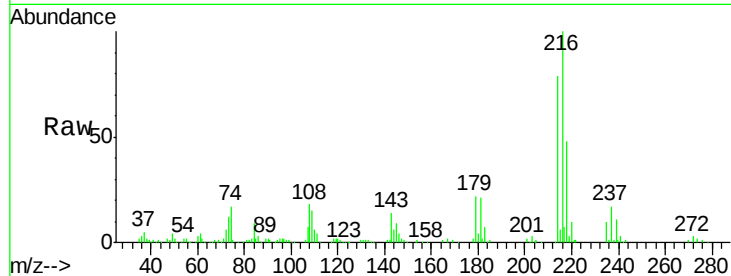
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.22 ng
 RT: 9.55 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF079966.D
 Acq: 13 Jun 2015 8:43

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-6-4-15MS

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
216	100		148760		
214	79.0	63.5	95.3		
179	21.6	15.8	23.8		
108	20.5	13.7	20.5		

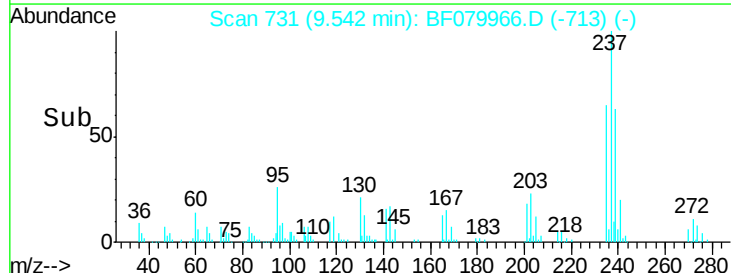
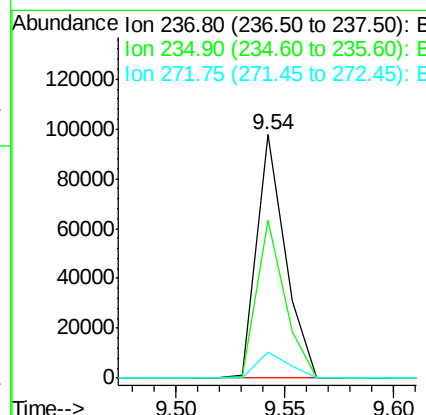
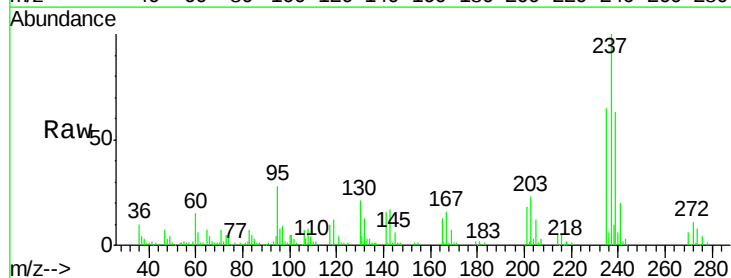
Manual Integrations
 APPROVED

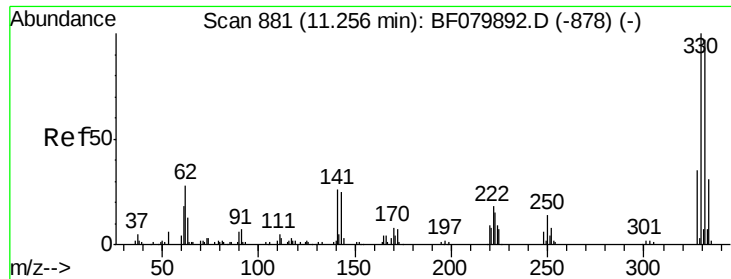
apatel
 6/15/2015 1:00:39 PM



#40
 Hexachlorocyclopentadiene
 Concen: 63.14 ng
 RT: 9.54 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF079966.D
 Acq: 13 Jun 2015 8:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		89125		
235	64.8	41.3	81.3		
272	10.6	0.0	32.2		





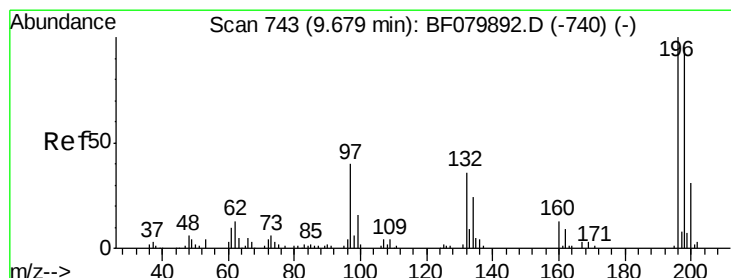
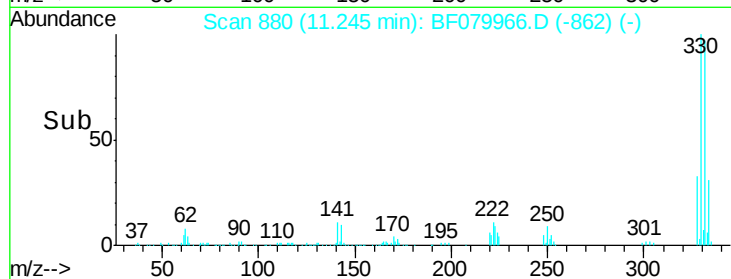
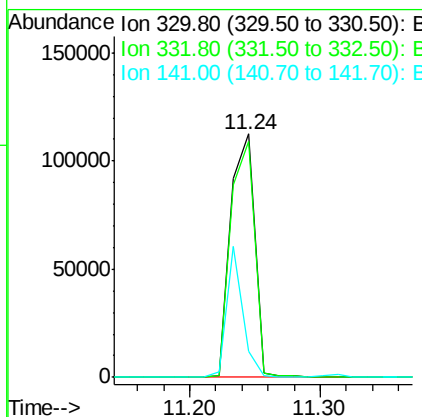
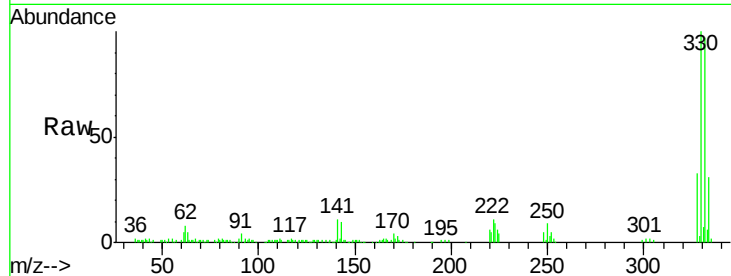
#41
 2,4,6-Tribromophenol
 Concen: 135.25 ng
 RT: 11.24 min Scan# 880
 Delta R.T. 0.00 min
 Lab File: BF079966.D
 Acq: 13 Jun 2015 8:43

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-6-4-15MS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	143434		
332	96.9	77.3	115.9	
141	36.6	26.8	40.2	

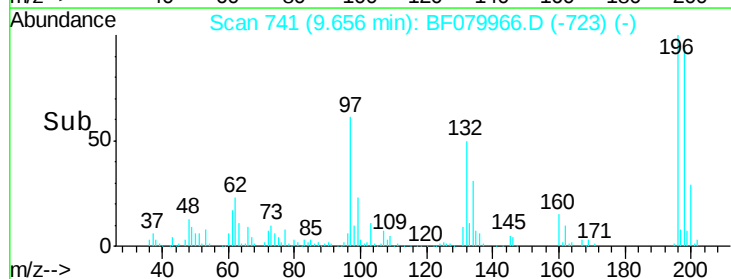
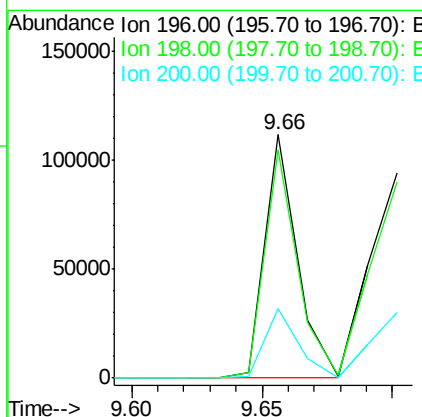
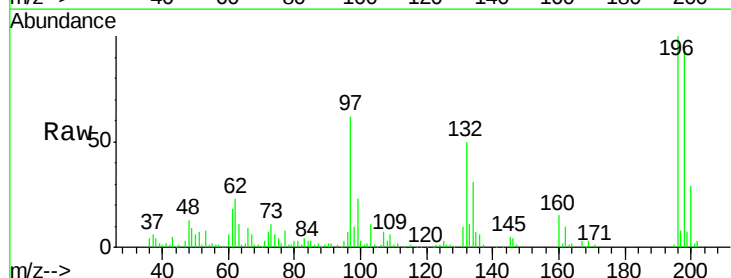
Manual Integrations
 APPROVED

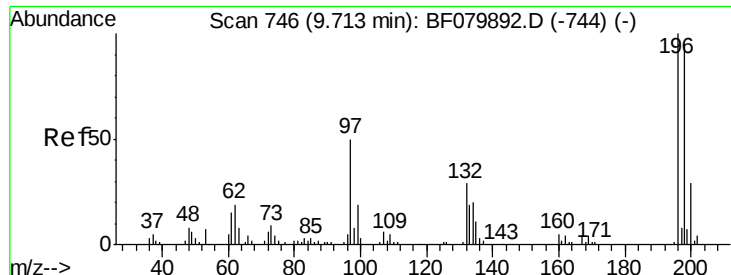
apatel
 6/15/2015 1:00:39 PM



#42
 2,4,6-Trichlorophenol
 Concen: 44.93 ng
 RT: 9.66 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF079966.D
 Acq: 13 Jun 2015 8:43

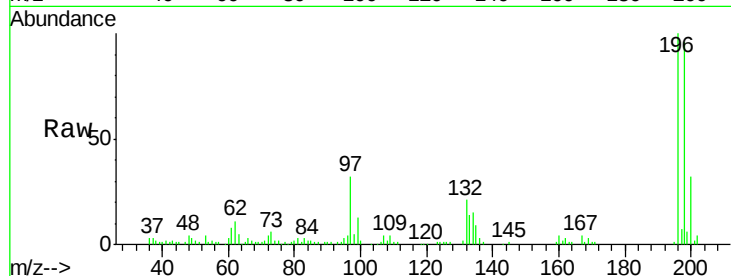
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	97525		
198	93.6	76.0	114.0	
200	28.6	24.9	37.3	





#43
 2,4,5-Trichlorophenol
 Concen: 43.58 ng
 RT: 9.70 min Scan# 745
 Delta R.T. 0.01 min
 Lab File: BF079966.D
 Acq: 13 Jun 2015 8:43

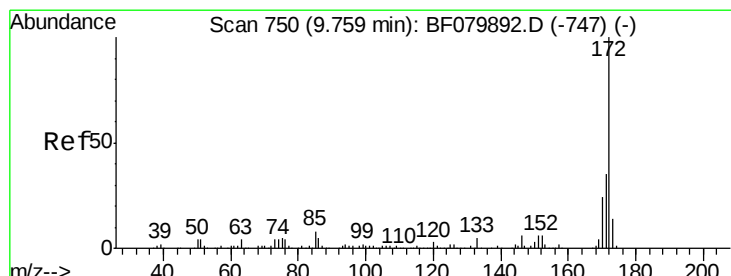
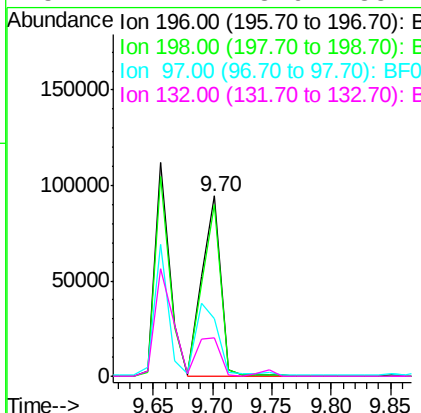
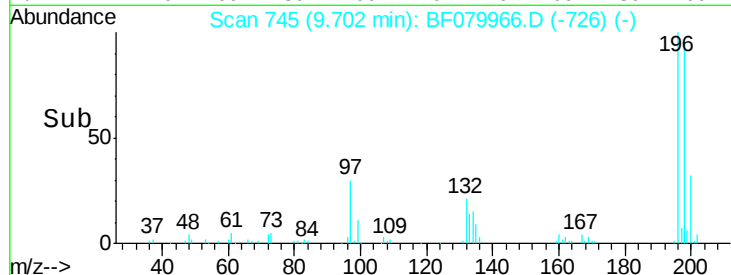
Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-6-4-15MS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	104434		
198	95.5	76.0	114.0	
97	31.7	39.4	59.2	#
132	21.2	23.6	35.4	#

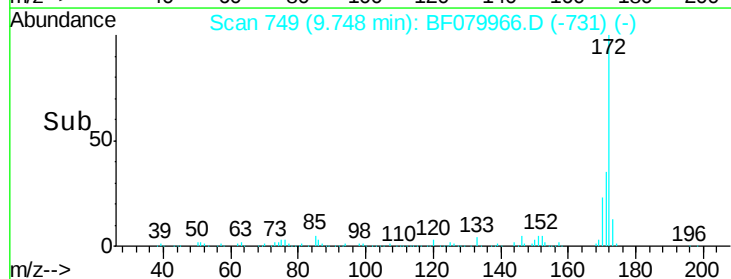
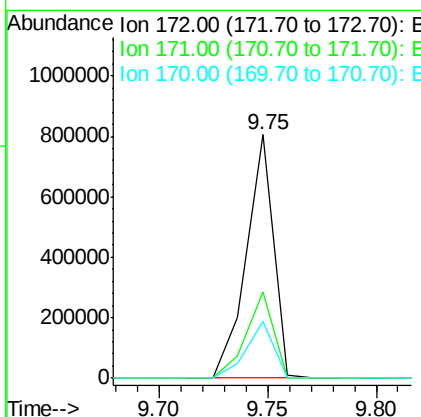
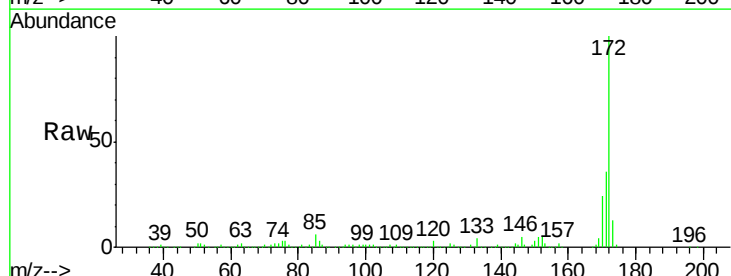
Manual Integrations
 APPROVED

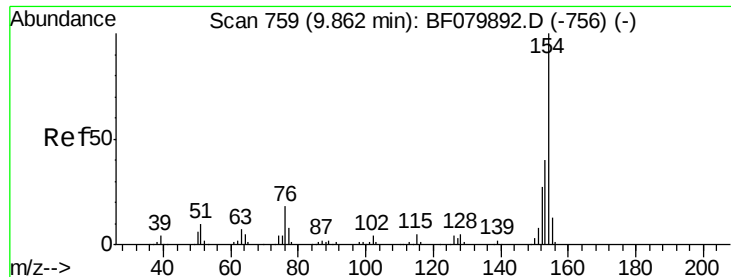
apatel
 6/15/2015 1:00:39 PM



#44
 2-Fluorobiphenyl
 Concen: 92.87 ng
 RT: 9.75 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF079966.D
 Acq: 13 Jun 2015 8:43

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	697657		
171	35.6	28.3	42.5	
170	23.5	19.0	28.4	





#45

1,1'-Biphenyl

Concen: 49.79 ng

RT: 9.85 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF079966.D

Acq: 13 Jun 2015 8:43

Instrument :

BNA_F

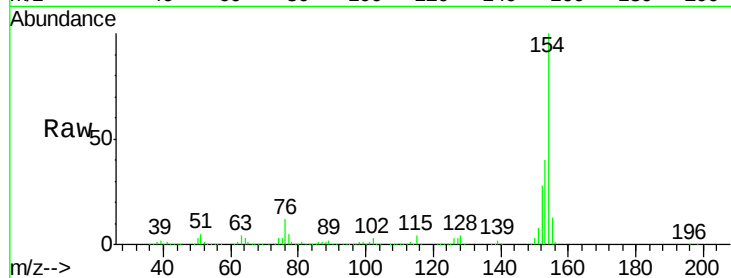
ClientSampleId :

PZ-1-6-4-15MS

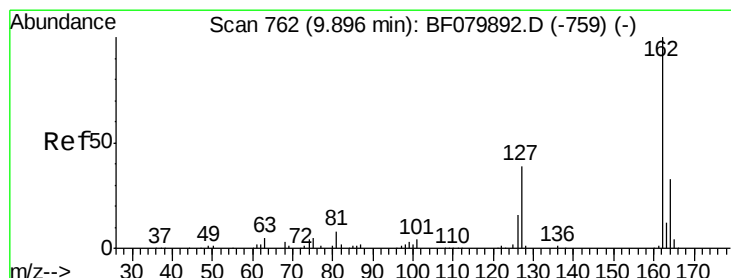
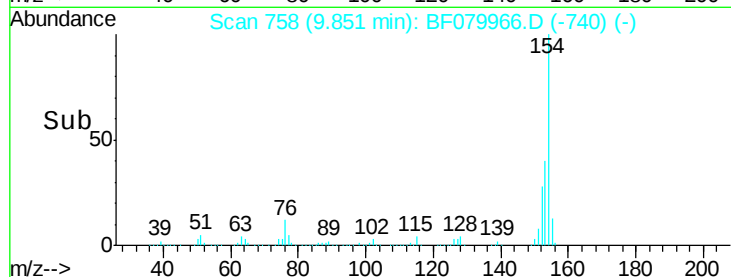
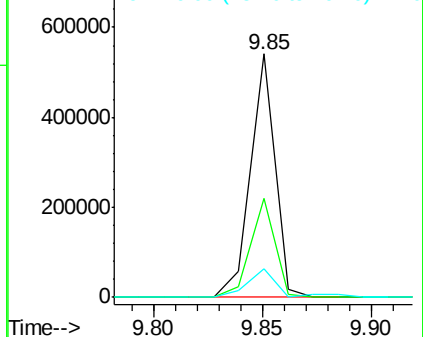
Tgt Ion:	154	Resp:	423885
Ion Ratio	Lower	Upper	
154	100		
153	40.4	20.1	60.1
76	11.7	0.0	38.4

Manual Integrations
APPROVED

apatel
6/15/2015 1:00:39 PM



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



#46

2-Chloronaphthalene

Concen: 42.24 ng

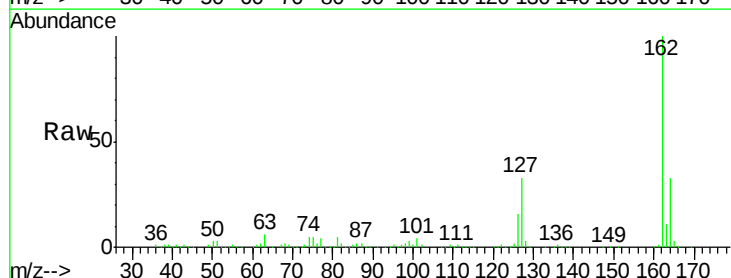
RT: 9.88 min Scan# 761

Delta R.T. 0.00 min

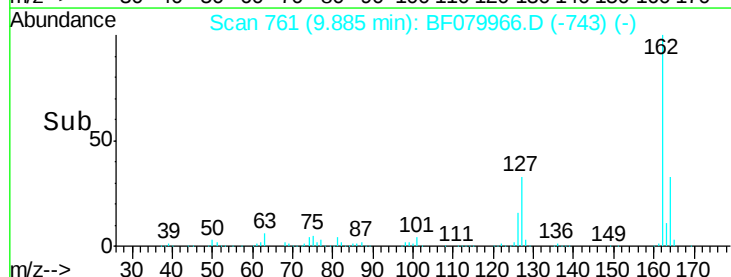
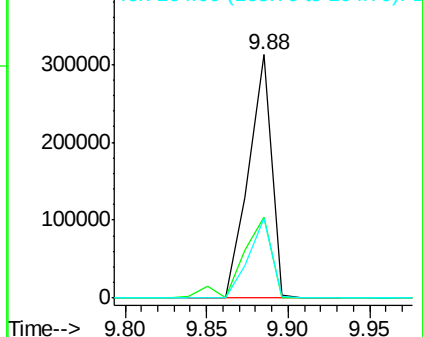
Lab File: BF079966.D

Acq: 13 Jun 2015 8:43

Tgt Ion:	162	Resp:	306163
Ion Ratio	Lower	Upper	
162	100		
127	33.3	33.1	49.7
164	32.8	26.2	39.4



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: 54.83 ng

RT: 9.96 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF079966.D

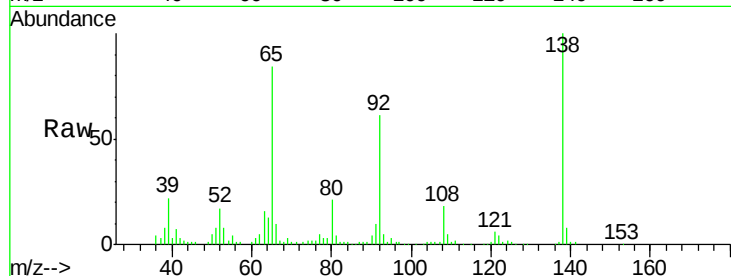
Acq: 13 Jun 2015 8:43

Instrument :

BNA_F

ClientSampleId :

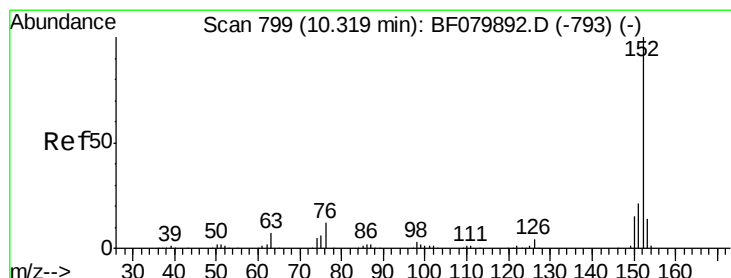
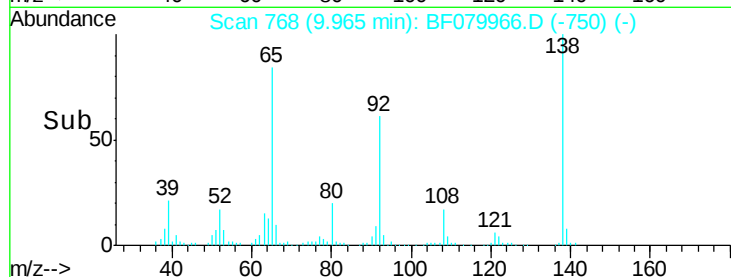
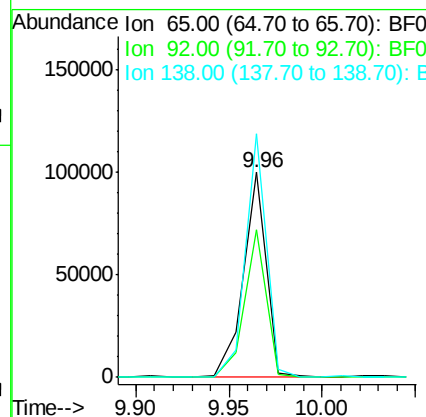
PZ-1-6-4-15MS



Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.3	51.1	76.7
138	118.9	62.0	93.0

Manual Integrations
APPROVED

apatel
6/15/2015 1:00:39 PM



#48

Acenaphthylene

Concen: 40.04 ng

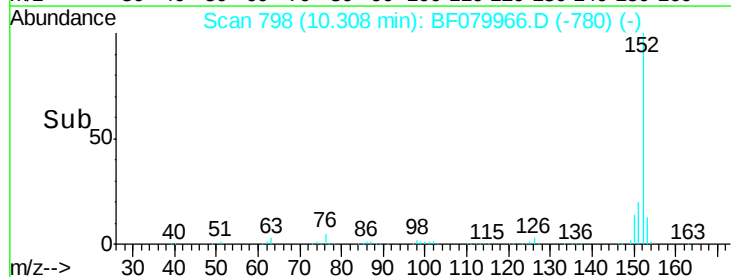
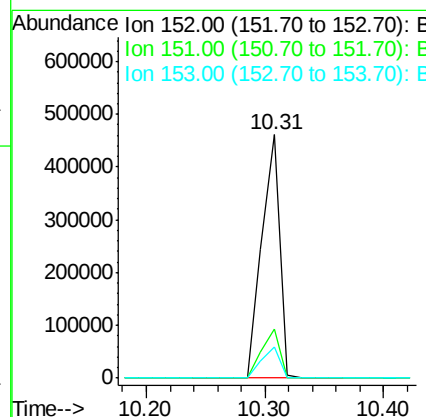
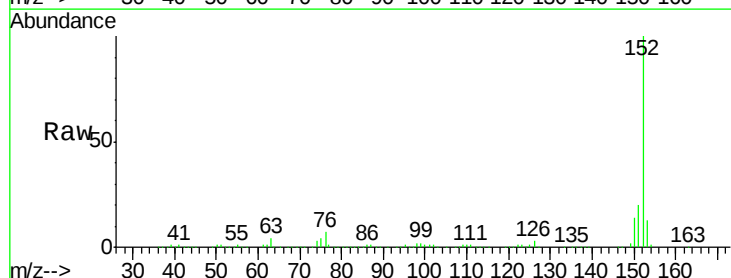
RT: 10.31 min Scan# 798

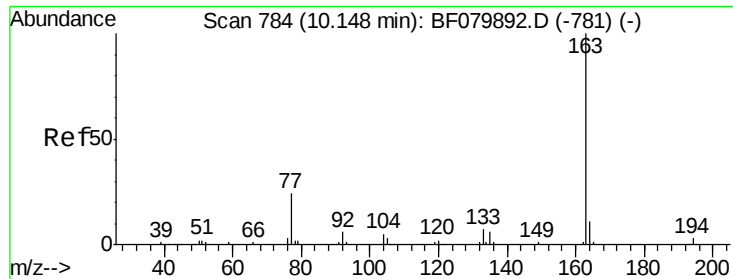
Delta R.T. 0.00 min

Lab File: BF079966.D

Acq: 13 Jun 2015 8:43

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	12.9	10.8	16.2





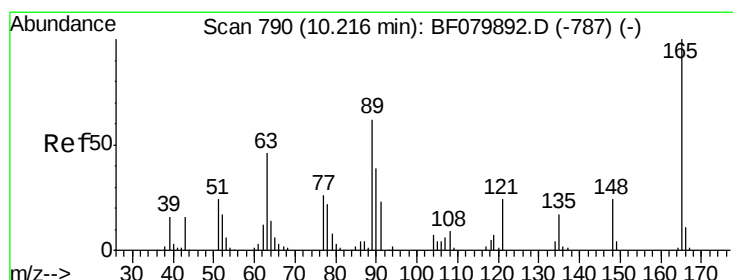
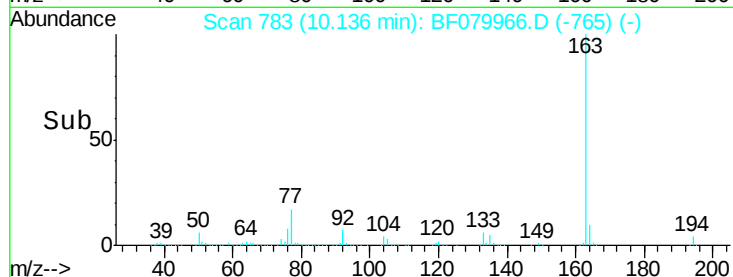
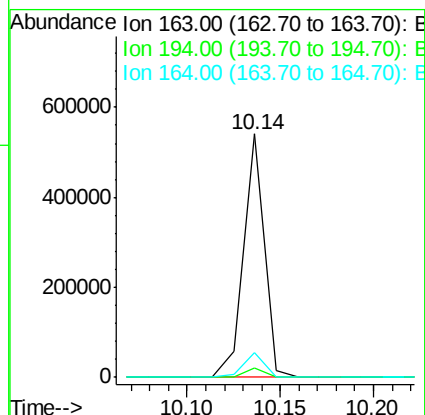
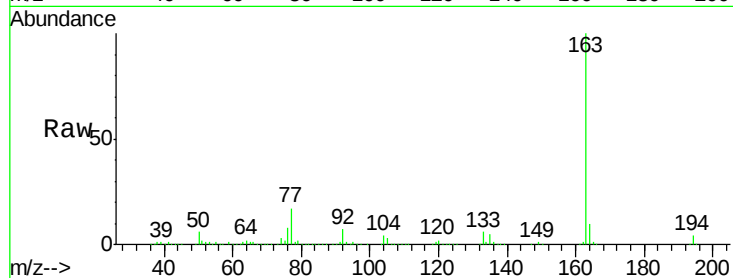
#49
Dimethylphthalate
Concen: 50.20 ng
RT: 10.14 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF079966.D
Acq: 13 Jun 2015 8:43

Instrument :
BNA_F
ClientSampleId :
PZ-1-6-4-15MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.7	2.6	4.0
164	10.1	8.6	12.8

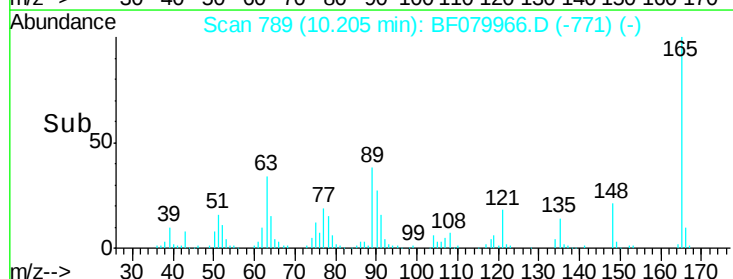
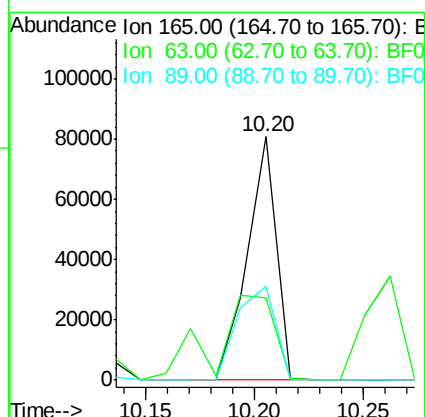
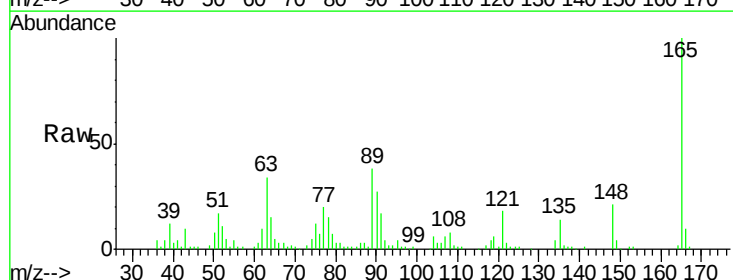
Manual Integrations
APPROVED

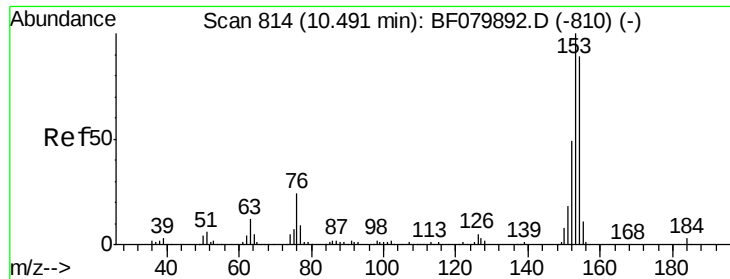
apatel
6/15/2015 1:00:39 PM



#50
2,6-Dinitrotoluene
Concen: 48.50 ng
RT: 10.20 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF079966.D
Acq: 13 Jun 2015 8:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	33.6	46.4	69.6#
89	38.4	49.6	74.4#





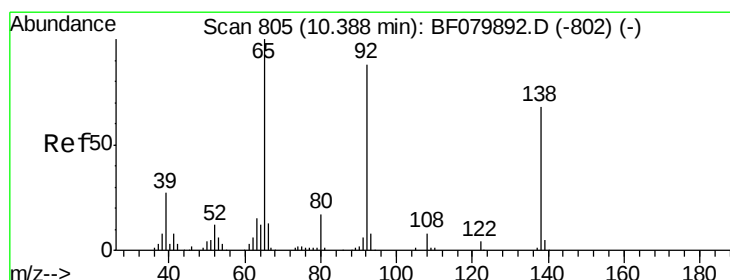
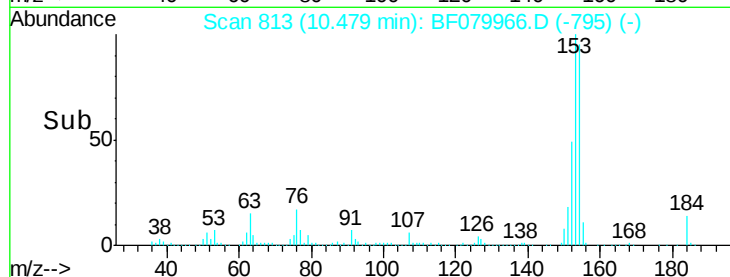
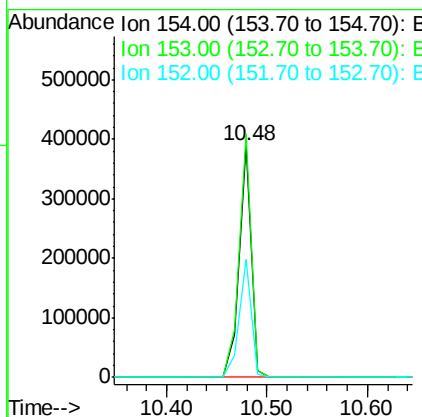
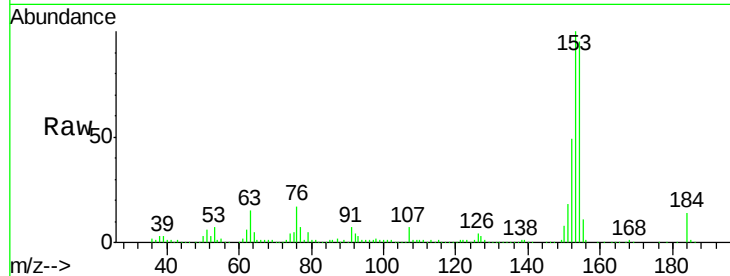
#51
Acenaphthene
Concen: 47.14 ng
RT: 10.48 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF079966.D
Acq: 13 Jun 2015 8:43

Instrument :
BNA_F
ClientSampleId :
PZ-1-6-4-15MS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	104.9	90.0	135.0	
152	51.1	43.7	65.5	

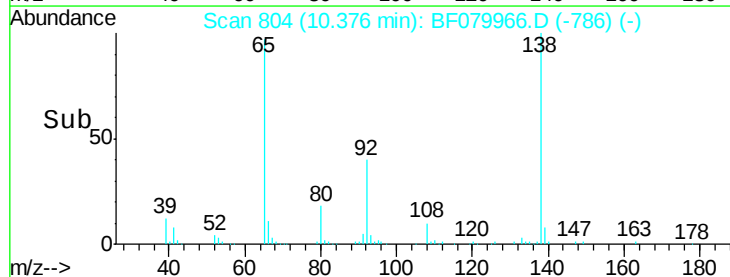
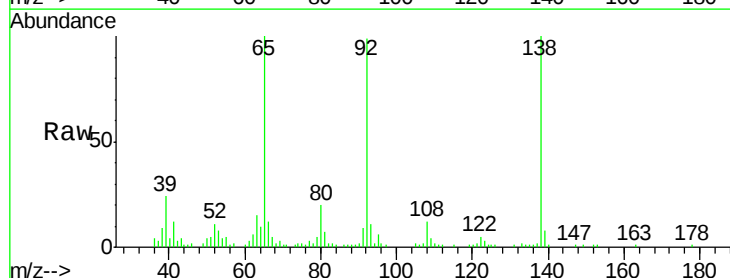
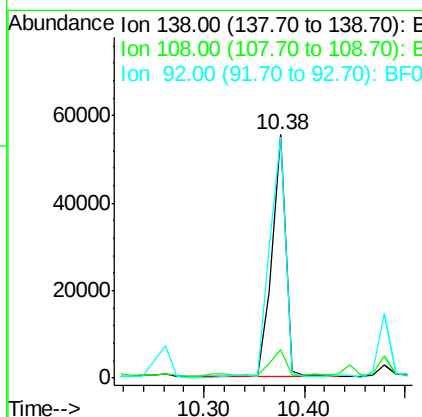
Manual Integrations
APPROVED

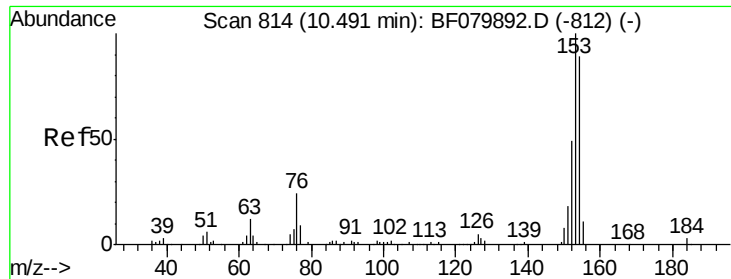
apatel
6/15/2015 1:00:39 PM



#52
3-Nitroaniline
Concen: 29.58 ng
RT: 10.38 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF079966.D
Acq: 13 Jun 2015 8:43

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
108	11.7	9.0	13.6	
92	99.2	103.1	154.7	





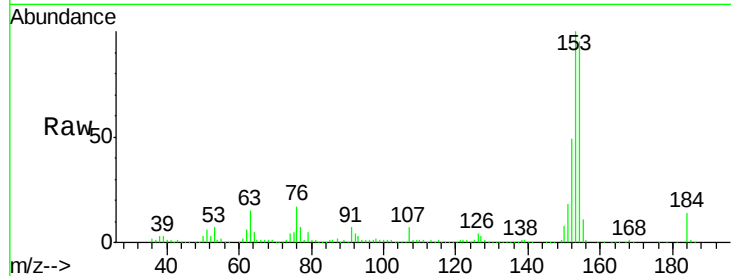
#53
2,4-Dinitrophenol
Concen: 108.98 ng
RT: 10.48 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF079966.D
Acq: 13 Jun 2015 8:43

Instrument :
BNA_F
ClientSampleId :
PZ-1-6-4-15MS

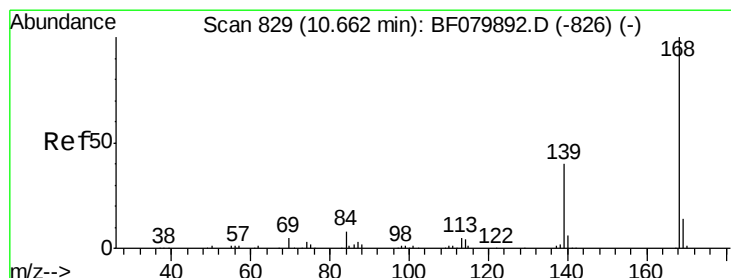
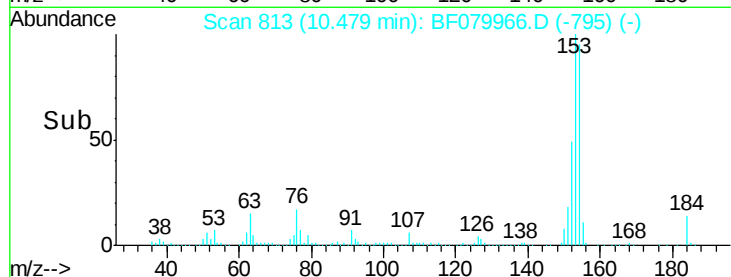
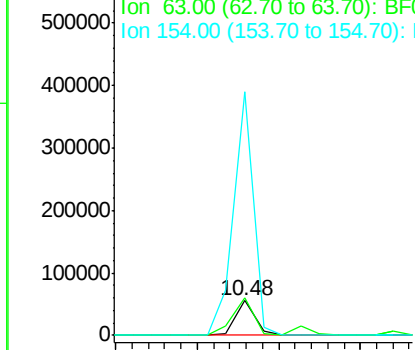
Tgt Ion:184 Resp: 45055
Ion Ratio Lower Upper
184 100
63 108.4 357.0 535.4#
154 702.7 2660.2 3990.

Manual Integrations
APPROVED

apatel
6/15/2015 1:00:39 PM

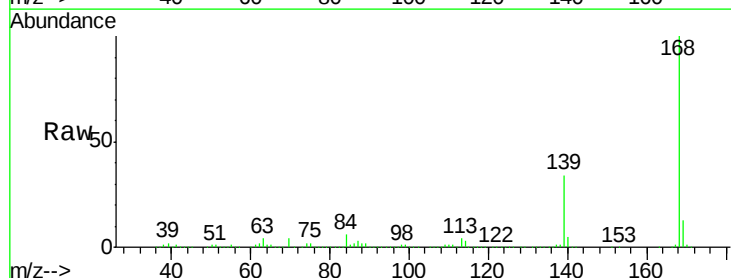


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

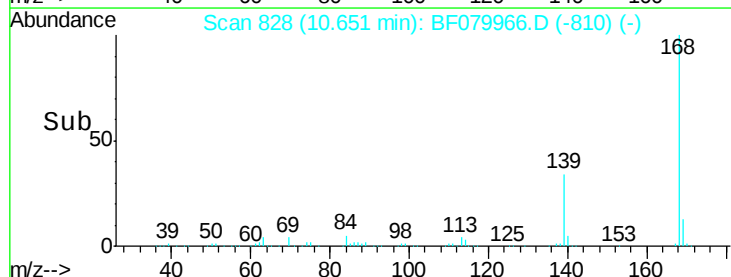
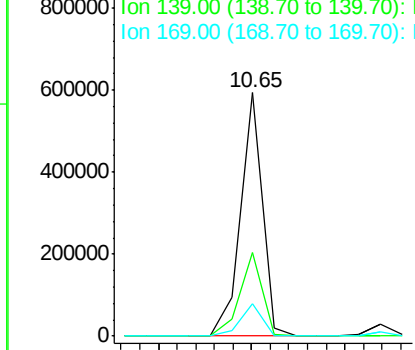


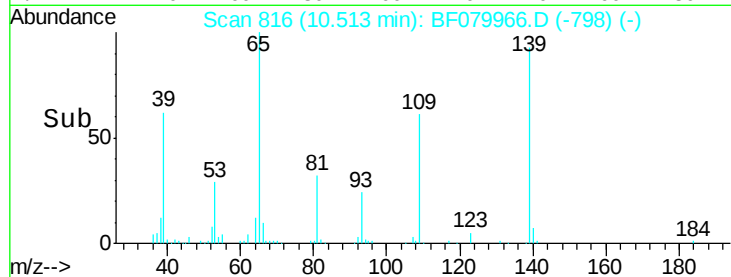
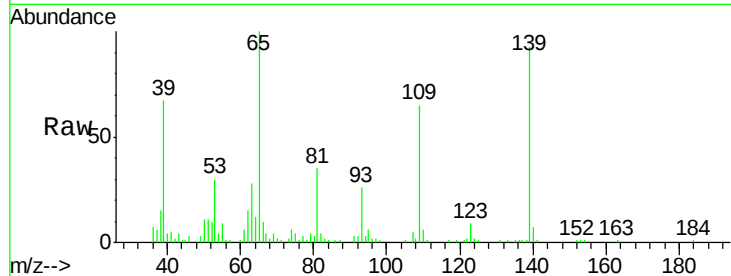
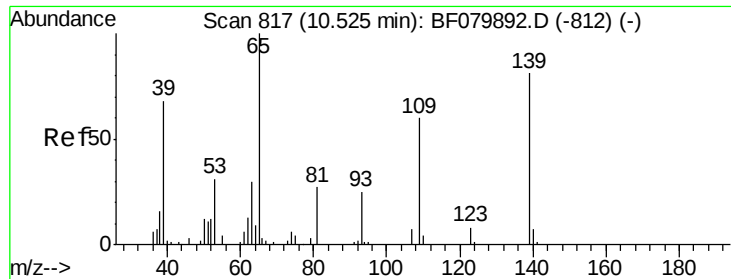
#54
Dibenzofuran
Concen: 47.76 ng
RT: 10.65 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF079966.D
Acq: 13 Jun 2015 8:43

Tgt Ion:168 Resp: 485313
Ion Ratio Lower Upper
168 100
139 34.2 32.2 48.2
169 13.5 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





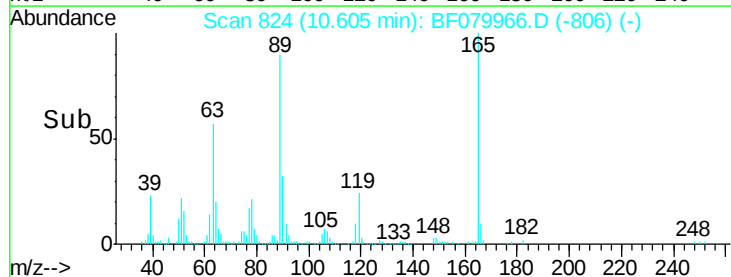
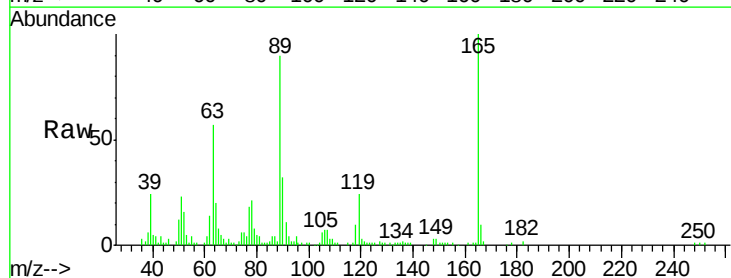
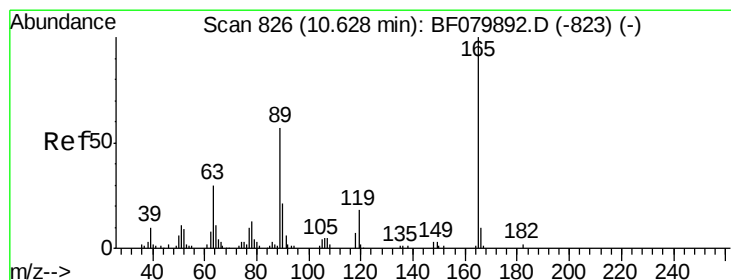
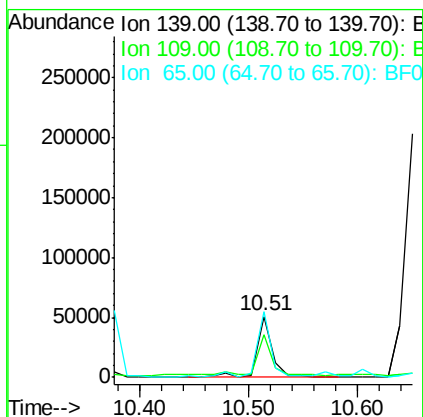
#55
4-Nitrophenol
Concen: 36.76 ng
RT: 10.51 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF079966.D
Acq: 13 Jun 2015 8:43

Tgt Ion:139 Resp: 47525
Ion Ratio Lower Upper
139 100
109 70.4 54.8 94.8
65 108.0 104.8 144.8

Instrument :
BNA_F
ClientSampleId :
PZ-1-6-4-15MS

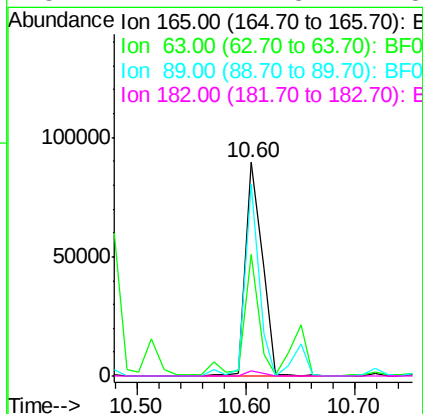
Manual Integrations
APPROVED

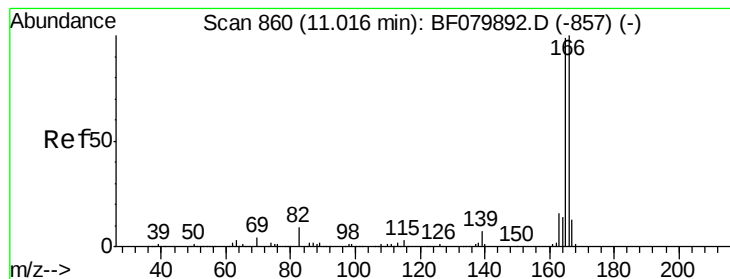
apatel
6/15/2015 1:00:39 PM



#56
2,4-Dinitrotoluene
Concen: 46.64 ng
RT: 10.60 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF079966.D
Acq: 13 Jun 2015 8:43

Tgt Ion:165 Resp: 94897
Ion Ratio Lower Upper
165 100
63 56.7 24.3 36.5#
89 90.0 45.4 68.2#
182 2.2 1.8 2.8





#57

Fluorene

Concen: 41.71 ng

RT: 10.99 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF079966.D

Acq: 13 Jun 2015 8:43

Instrument :

BNA_F

ClientSampleId :

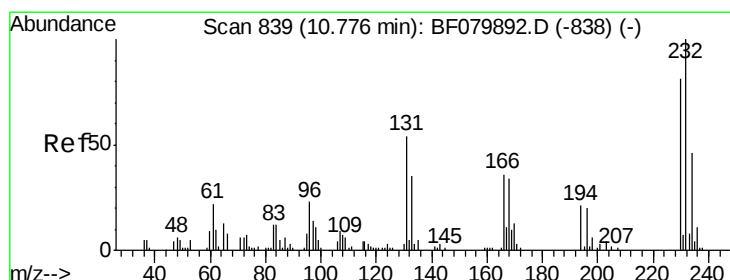
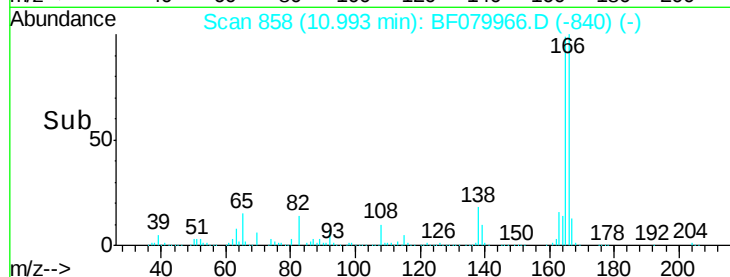
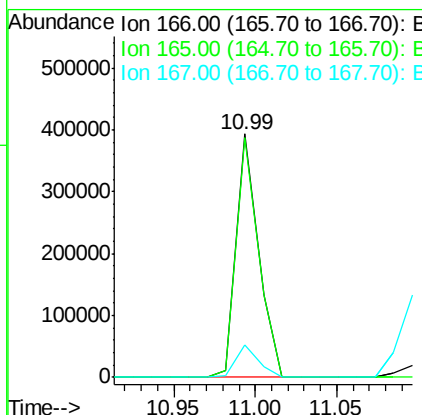
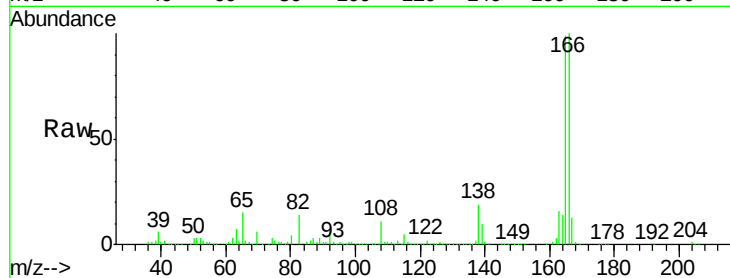
PZ-1-6-4-15MS

Manual Integrations
APPROVED

apatel

6/15/2015 1:00:39 PM

Tgt Ion:	166	Resp:	369363
Ion Ratio	Lower	Upper	
166	100		
165	98.6	79.0	118.6
167	13.4	10.3	15.5



#58

2,3,4,6-Tetrachlorophenol

Concen: 55.28 ng m

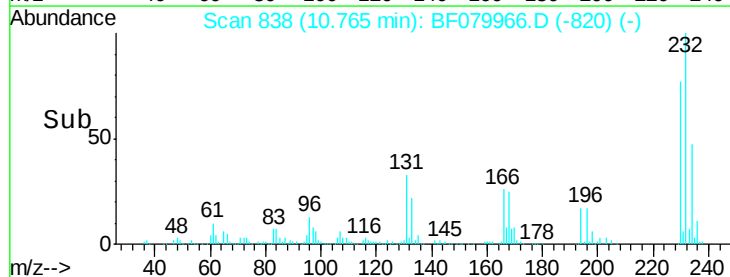
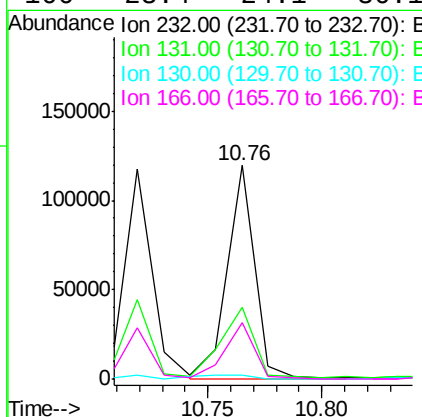
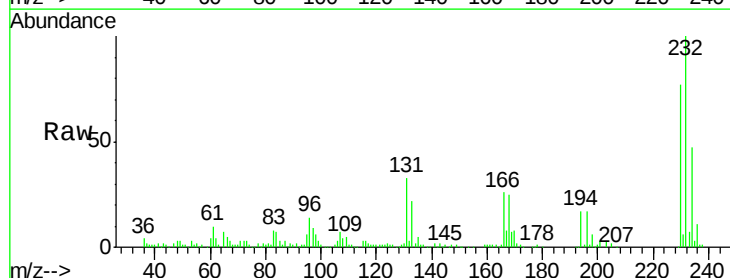
RT: 10.76 min Scan# 838

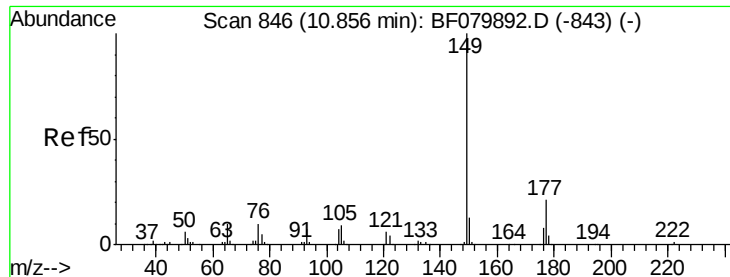
Delta R.T. 0.00 min

Lab File: BF079966.D

Acq: 13 Jun 2015 8:43

Tgt Ion:	232	Resp:	100394
Ion Ratio	Lower	Upper	
232	100		
131	38.6	35.4	53.2
130	2.2	1.5	2.3
166	23.4	24.1	36.1#





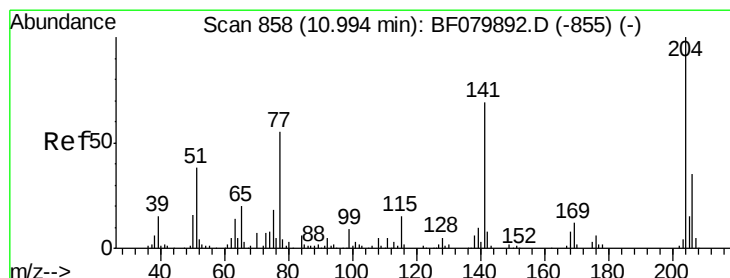
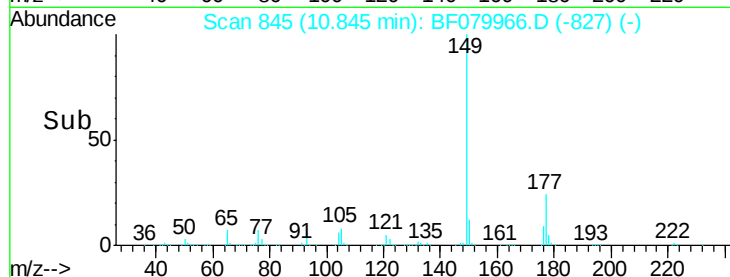
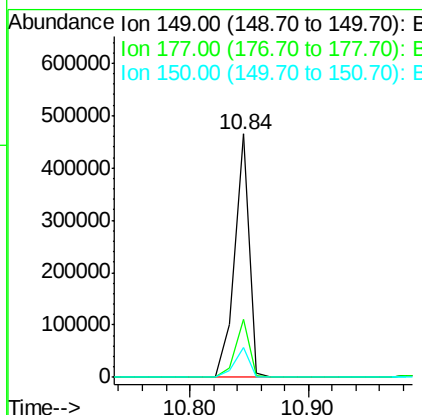
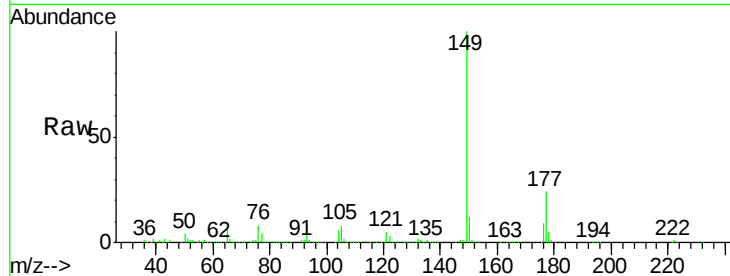
#59
Diethylphthalate
Concen: 46.59 ng
RT: 10.84 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF079966.D
Acq: 13 Jun 2015 8:43

Instrument :
BNA_F
ClientSampleId :
PZ-1-6-4-15MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	392598		
177	24.0	16.9	25.3	
150	12.3	10.4	15.6	

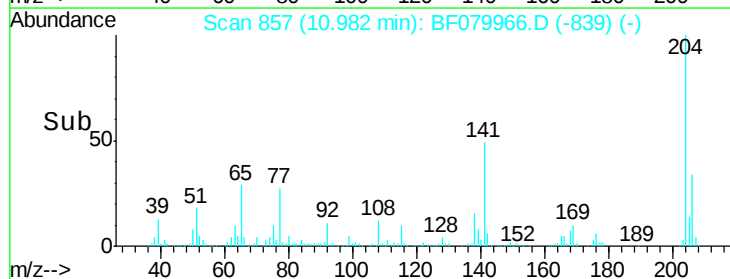
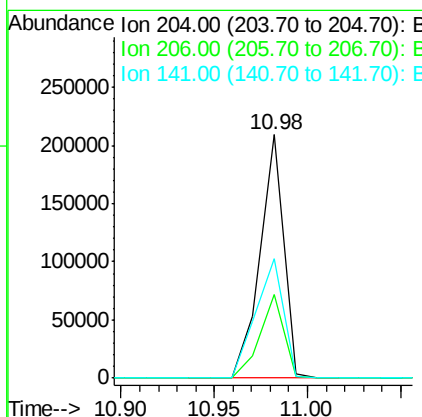
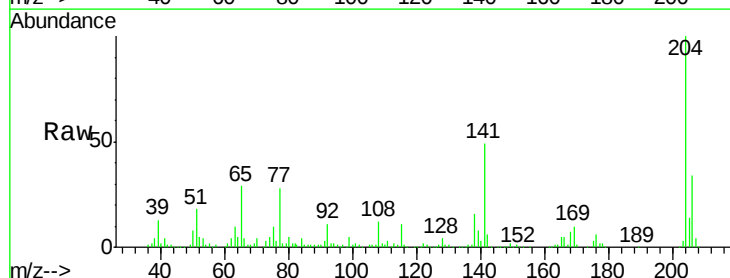
Manual Integrations
APPROVED

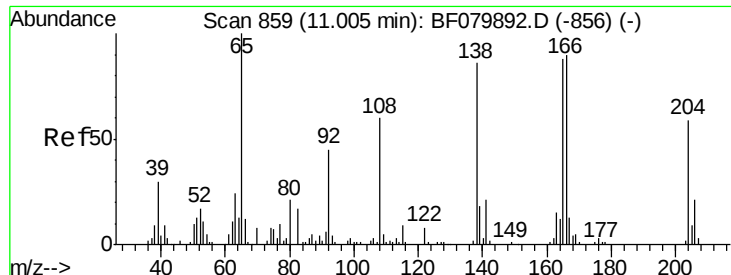
apatel
6/15/2015 1:00:39 PM



#60
4-Chlorophenyl-phenylether
Concen: 46.36 ng
RT: 10.98 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF079966.D
Acq: 13 Jun 2015 8:43

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	183349		
206	34.2	28.0	42.0	
141	48.8	55.3	82.9	





#61

4-Nitroaniline

Concen: 40.33 ng

RT: 10.99 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF079966.D

Acq: 13 Jun 2015 8:43

Instrument :

BNA_F

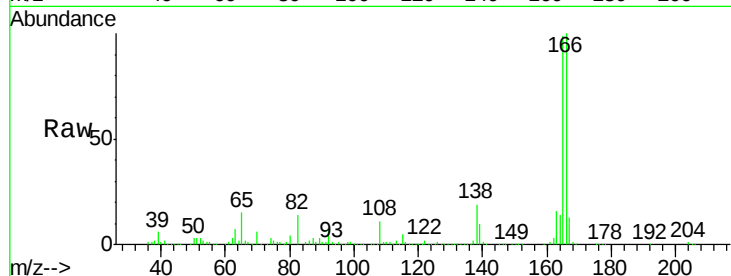
ClientSampleId :

PZ-1-6-4-15MS

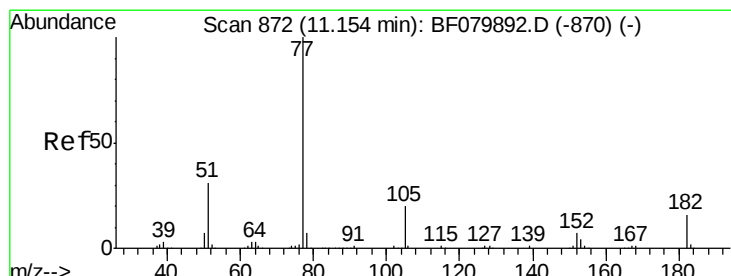
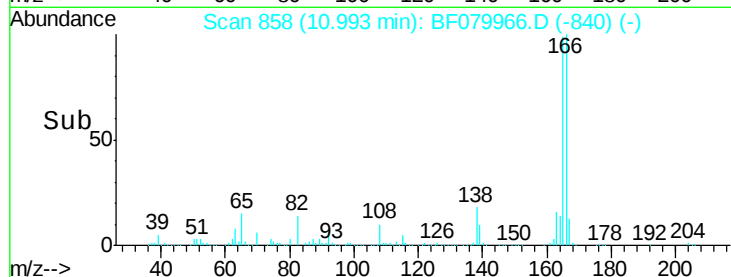
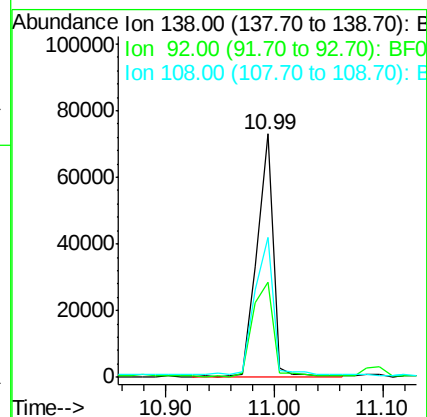
Manual Integrations
APPROVED

apatel

6/15/2015 1:00:39 PM



Tgt Ion:	138	Resp:	78162
Ion Ratio	Lower	Upper	
138	100		
92	39.0	32.9	72.9
108	57.3	50.4	90.4



#62

Azobenzene

Concen: 45.51 ng

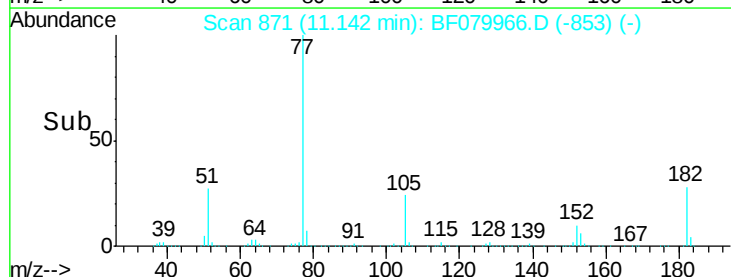
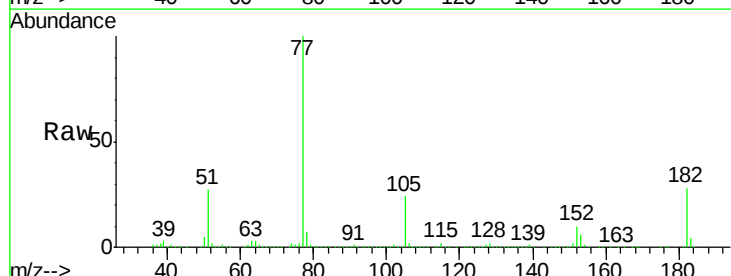
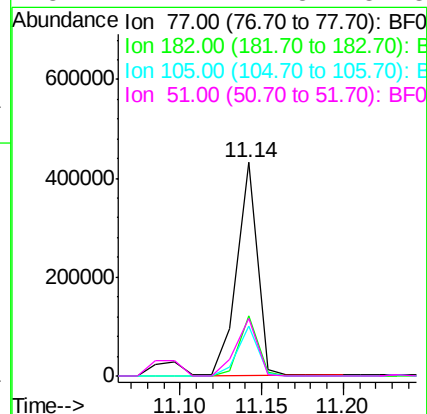
RT: 11.14 min Scan# 871

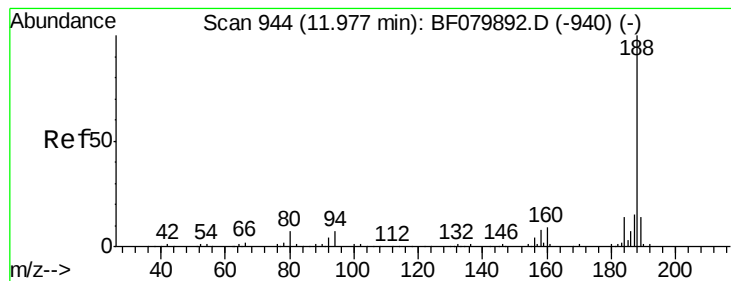
Delta R.T. 0.00 min

Lab File: BF079966.D

Acq: 13 Jun 2015 8:43

Tgt Ion:	77	Resp:	368984
Ion Ratio	Lower	Upper	
77	100		
182	28.2	0.0	35.9
105	23.7	0.1	40.1
51	27.1	11.5	51.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.95 min Scan# 942

Delta R.T. -0.02 min

Lab File: BF079966.D

Acq: 13 Jun 2015 8:43

Instrument :

BNA_F

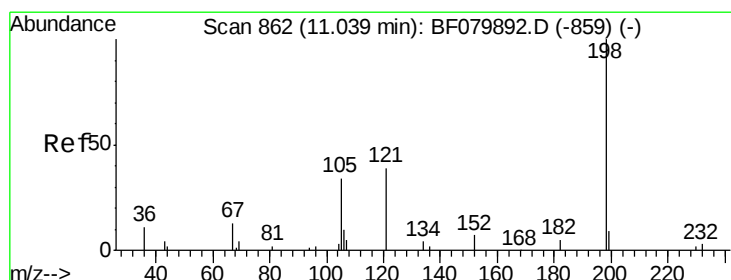
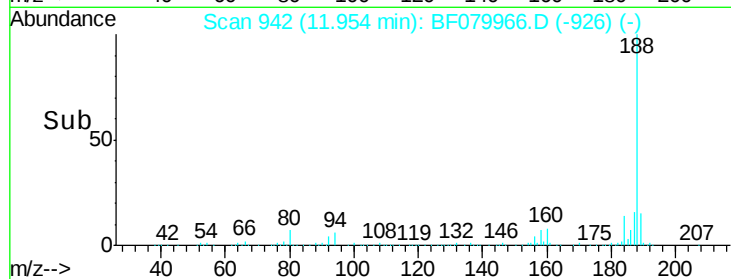
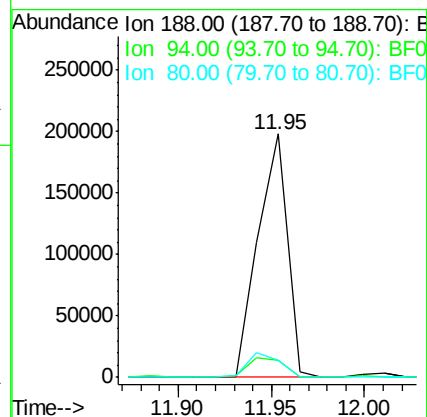
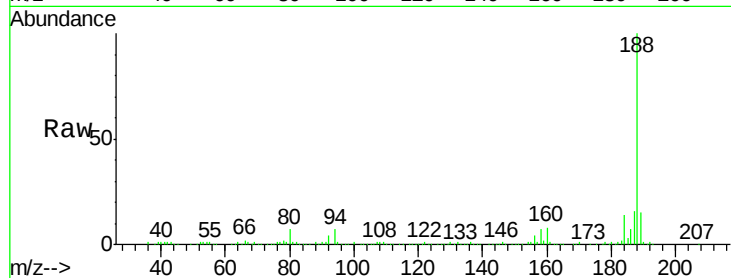
ClientSampleId :

PZ-1-6-4-15MS

Tgt Ion:	188	Resp:	215229
Ion Ratio	Lower	Upper	
188	100		
94	6.8	5.8	8.8
80	7.1	5.9	8.9

Manual Integrations
APPROVED

apatel
6/15/2015 1:00:39 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 62.04 ng

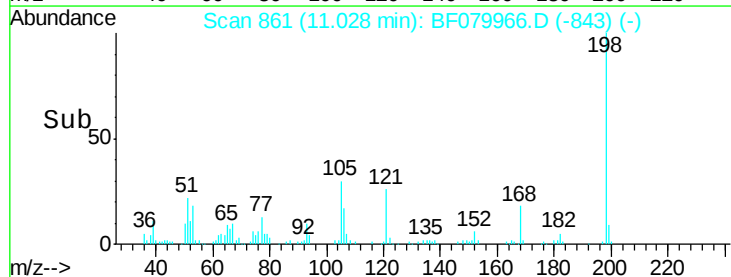
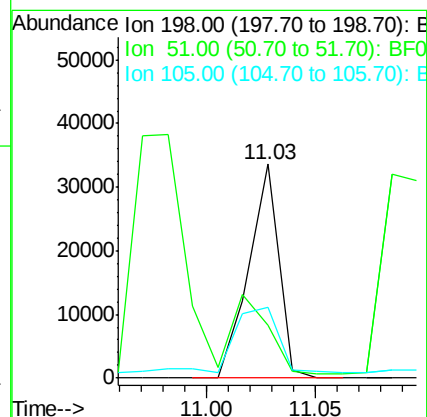
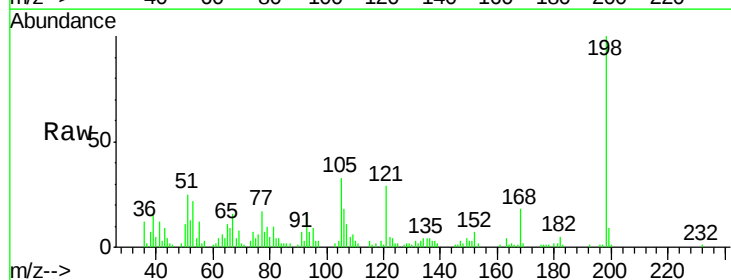
RT: 11.03 min Scan# 861

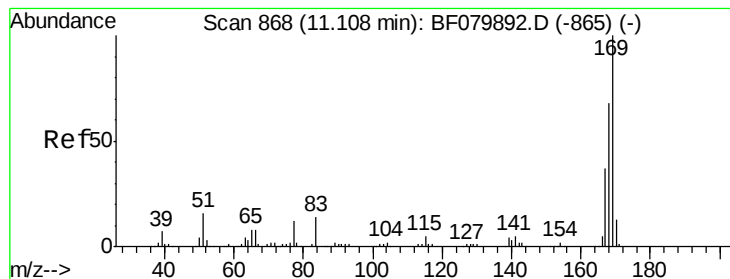
Delta R.T. 0.00 min

Lab File: BF079966.D

Acq: 13 Jun 2015 8:43

Tgt Ion:	198	Resp:	32232
Ion Ratio	Lower	Upper	
198	100		
51	24.6	22.1	62.1
105	33.1	22.7	62.7





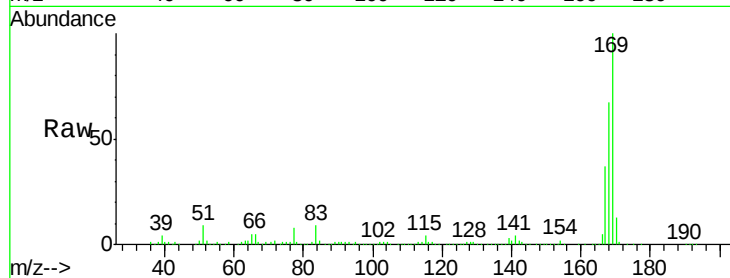
#65
n-Nitrosodiphenylamine
Concen: 47.24 ng
RT: 11.10 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF079966.D
Acq: 13 Jun 2015 8:43

Instrument :
BNA_F
ClientSampleId :
PZ-1-6-4-15MS

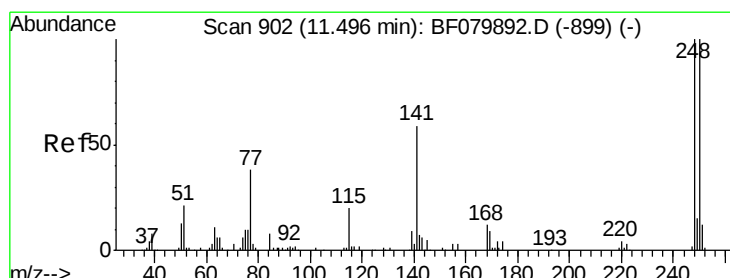
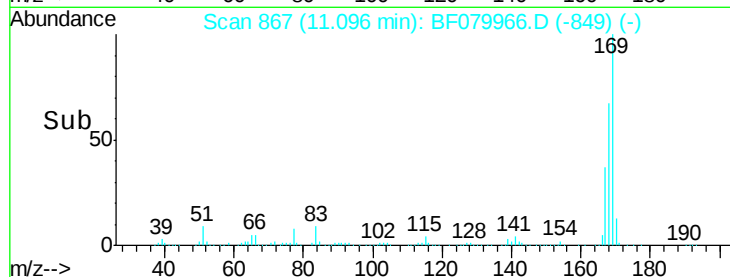
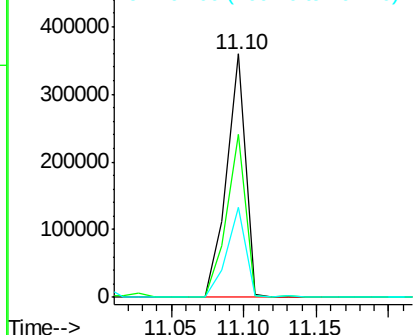
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	328197		
168	66.8	54.2	81.4	
167	37.1	29.7	44.5	

Manual Integrations
APPROVED

apatel
6/15/2015 1:00:39 PM



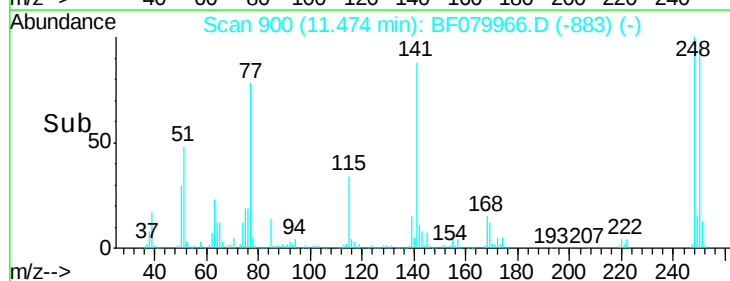
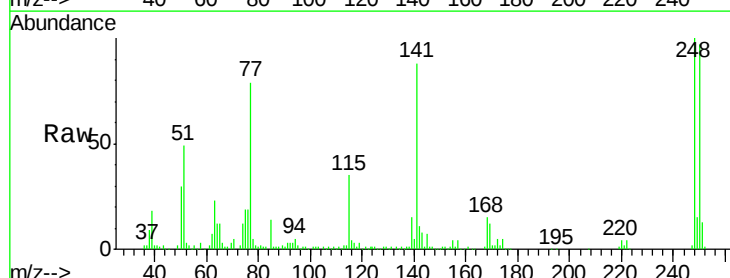
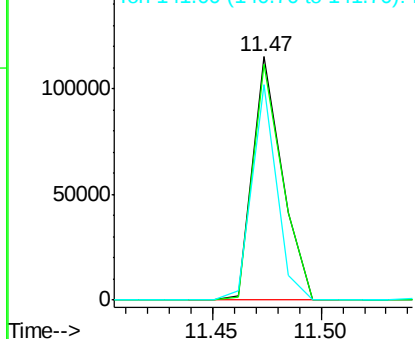
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

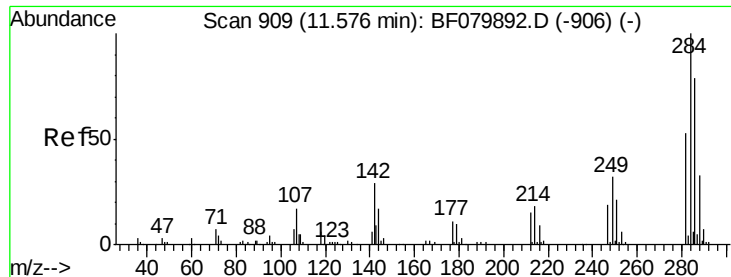


#66
4-Bromophenyl-phenylether
Concen: 44.96 ng
RT: 11.47 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF079966.D
Acq: 13 Jun 2015 8:43

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	108437		
250	96.9	80.2	120.2	
141	88.3	46.9	70.3	

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 46.08 ng

RT: 11.55 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF079966.D

Acq: 13 Jun 2015 8:43

Instrument :

BNA_F

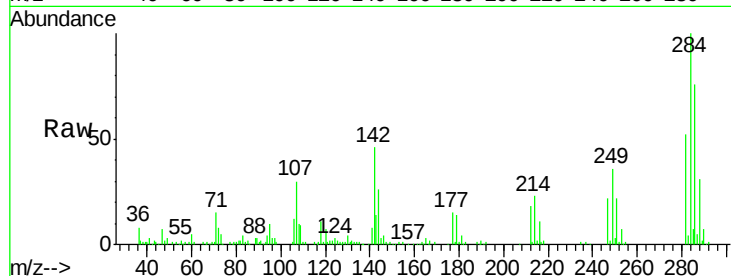
ClientSampleId :

PZ-1-6-4-15MS

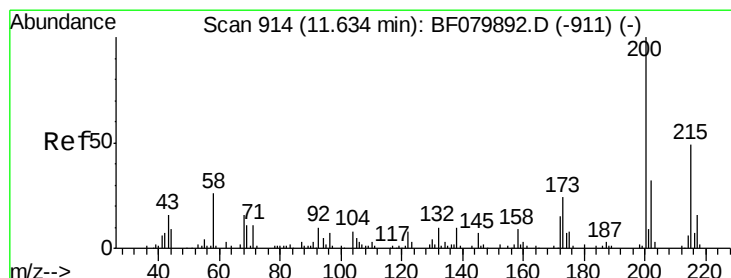
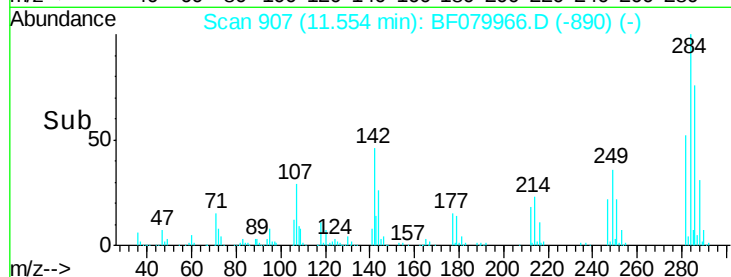
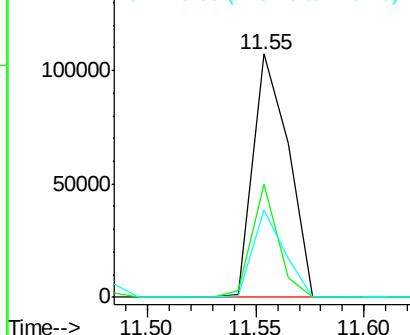
Tgt Ion:	284	Resp:	121242
Ion Ratio		Lower	Upper
284	100		
142	46.2	23.5	35.3#
249	35.9	25.3	37.9

Manual Integrations
APPROVED

apatel
6/15/2015 1:00:39 PM



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



#68

Atrazine

Concen: 52.82 ng

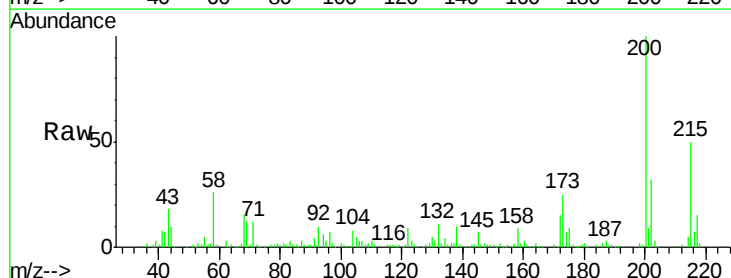
RT: 11.62 min Scan# 913

Delta R.T. 0.00 min

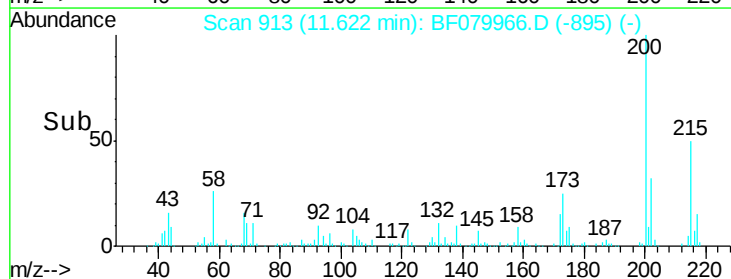
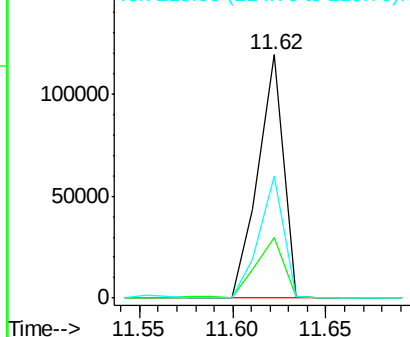
Lab File: BF079966.D

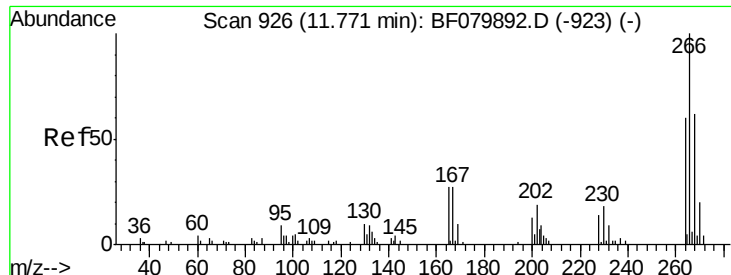
Acq: 13 Jun 2015 8:43

Tgt Ion:	200	Resp:	112958
Ion Ratio		Lower	Upper
200	100		
173	24.7	4.1	44.1
215	50.3	29.2	69.2



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





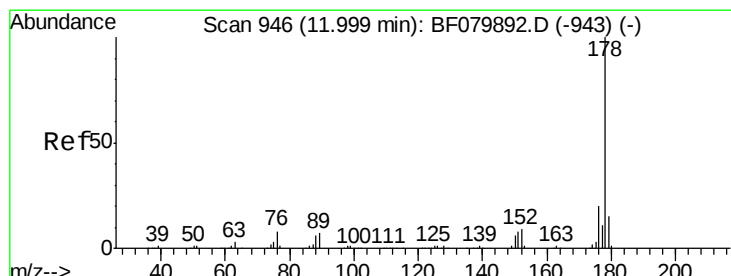
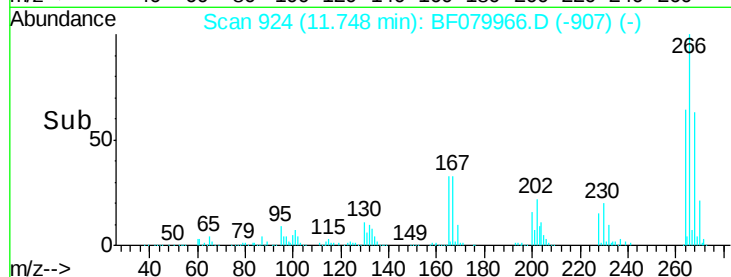
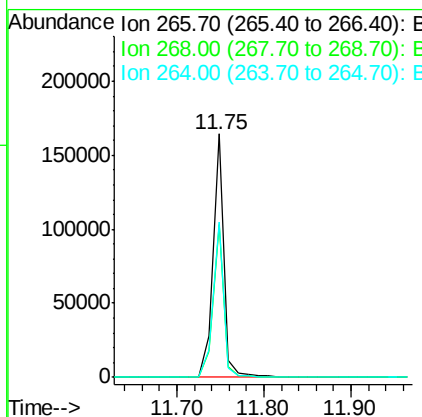
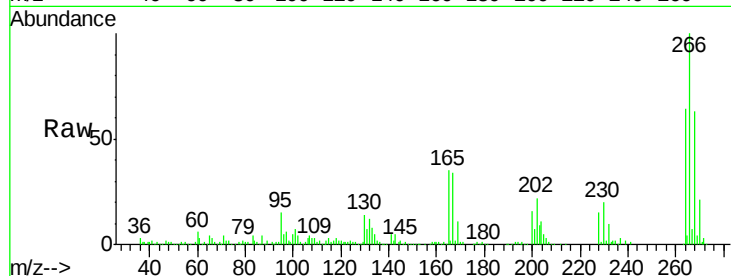
#69
 Pentachlorophenol
 Concen: 114.95 ng
 RT: 11.75 min Scan# 924
 Delta R.T. -0.01 min
 Lab File: BF079966.D
 Acq: 13 Jun 2015 8:43

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-6-4-15MS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	146468		
268	62.7	49.4	74.2	
264	63.6	47.7	71.5	

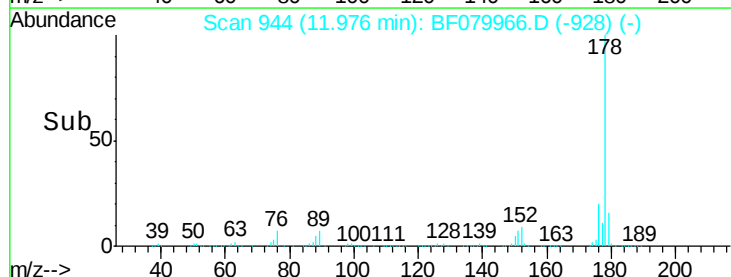
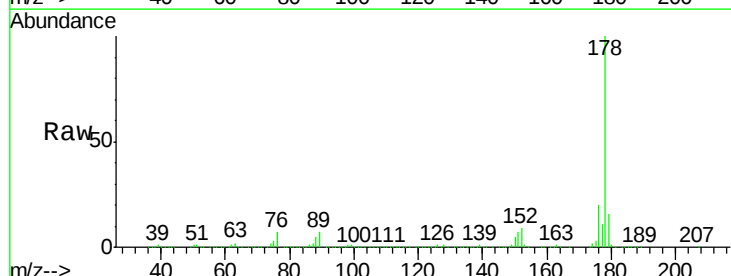
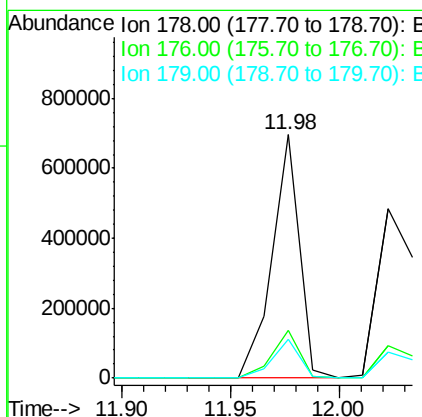
Manual Integrations
 APPROVED

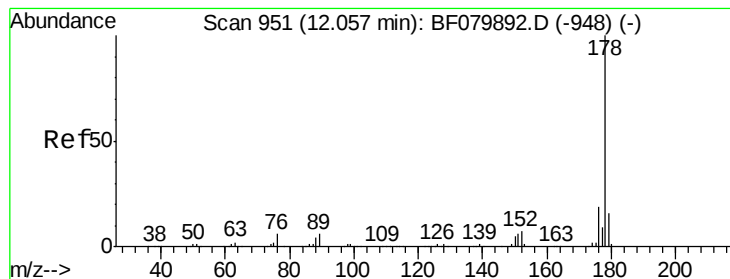
apatel
 6/15/2015 1:00:39 PM



#70
 Phenanthrene
 Concen: 47.94 ng
 RT: 11.98 min Scan# 944
 Delta R.T. -0.02 min
 Lab File: BF079966.D
 Acq: 13 Jun 2015 8:43

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	614928		
176	19.8	15.9	23.9	
179	16.1	12.3	18.5	





#71

Anthracene

Concen: 47.08 ng

RT: 12.02 min Scan# 948

Delta R.T. -0.03 min

Lab File: BF079966.D

Acq: 13 Jun 2015 8:43

Instrument :

BNA_F

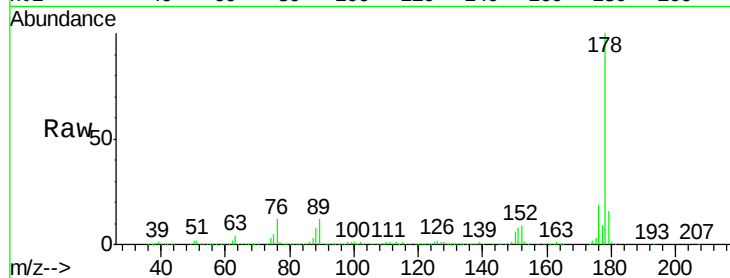
ClientSampleId :

PZ-1-6-4-15MS

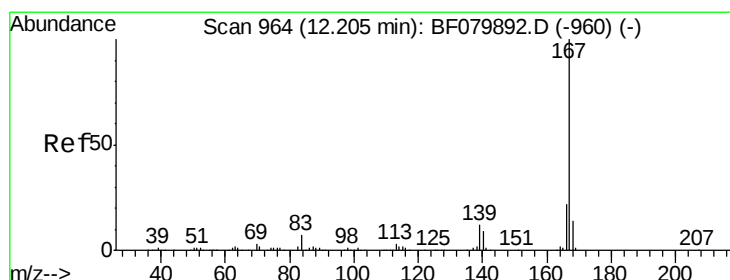
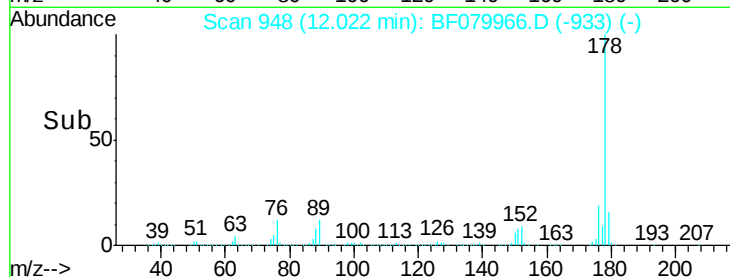
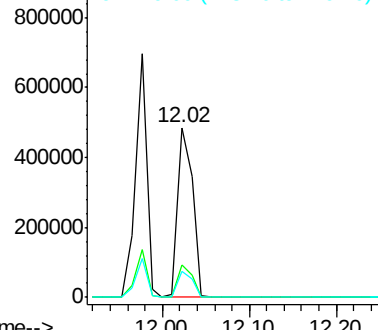
Tgt	Ion	178	Resp	584455
Ion	Ratio	100	Lower	Upper
178	100			
176	19.2	15.2	22.8	
179	15.7	12.5	18.7	

Manual Integrations
APPROVED

apatel
6/15/2015 1:00:39 PM



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



#72

Carbazole

Concen: 46.37 ng

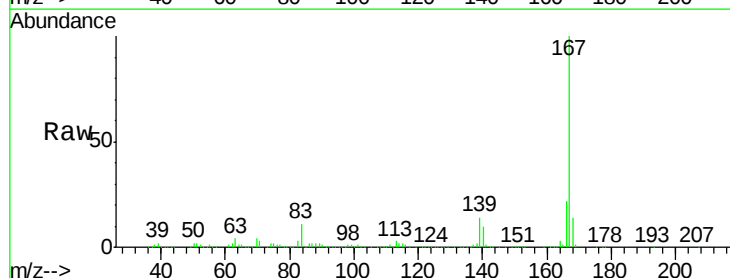
RT: 12.17 min Scan# 961

Delta R.T. -0.05 min

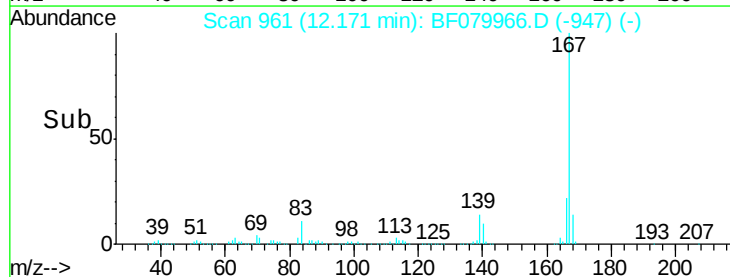
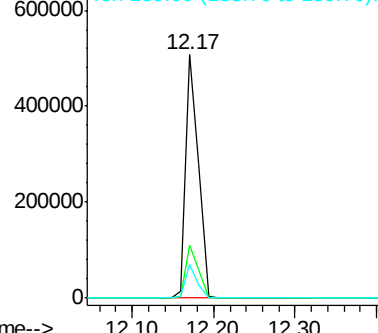
Lab File: BF079966.D

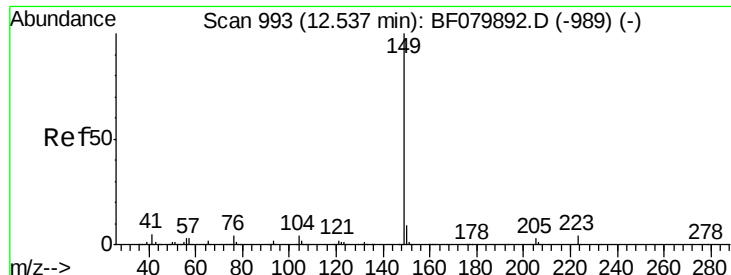
Acq: 13 Jun 2015 8:43

Tgt	Ion	167	Resp	558285
Ion	Ratio	100	Lower	Upper
167	100			
166	21.8	17.4	26.2	
139	13.7	9.5	14.3	



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





#73

Di-n-butylphthalate

Concen: 51.72 ng

RT: 12.50 min Scan# 990

Delta R.T. -0.06 min

Lab File: BF079966.D

Acq: 13 Jun 2015 8:43

Instrument :

BNA_F

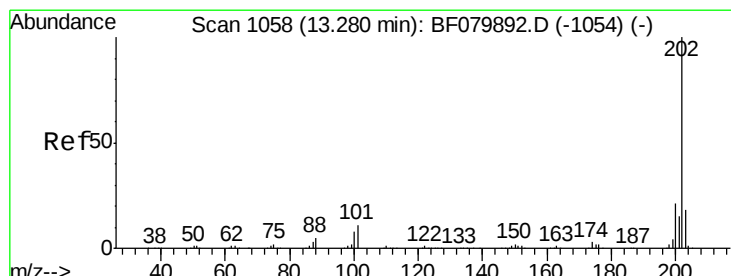
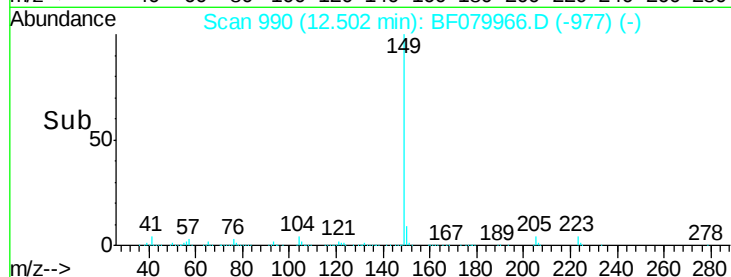
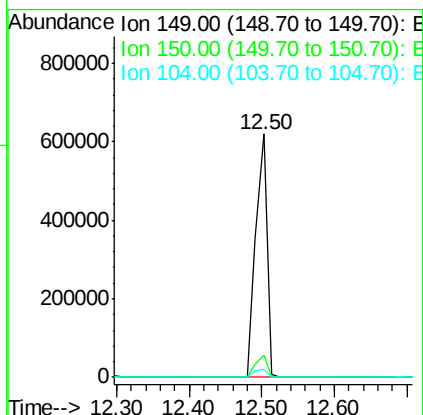
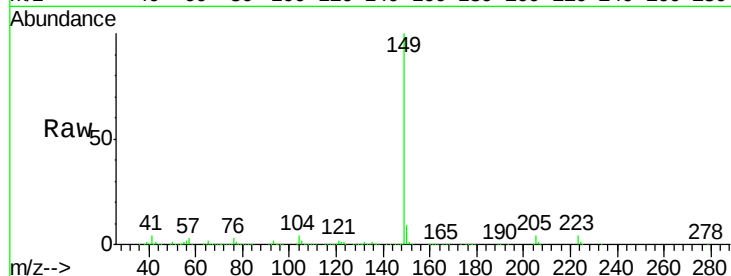
ClientSampleId :

PZ-1-6-4-15MS

Manual Integrations
APPROVED

apatel
6/15/2015 1:00:39 PM

Tgt	Ion	Ratio	Resp	Lower	Upper
149	100		678296		
150	8.9	7.2	10.8		
104	3.6	3.3	4.9		



#74

Fluoranthene

Concen: 49.48 ng

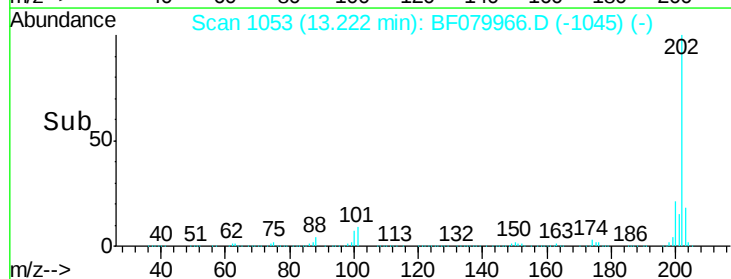
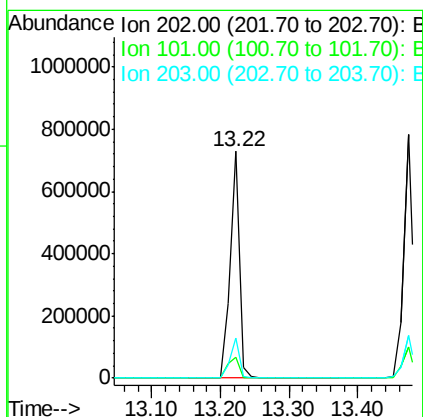
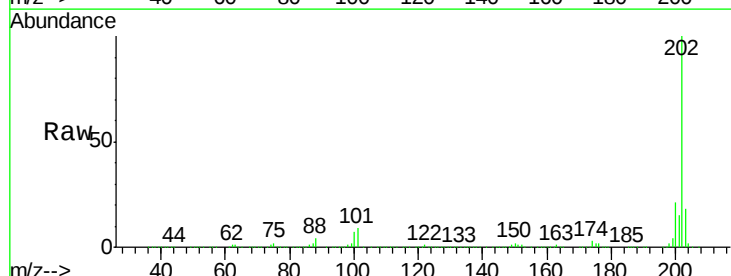
RT: 13.22 min Scan# 1053

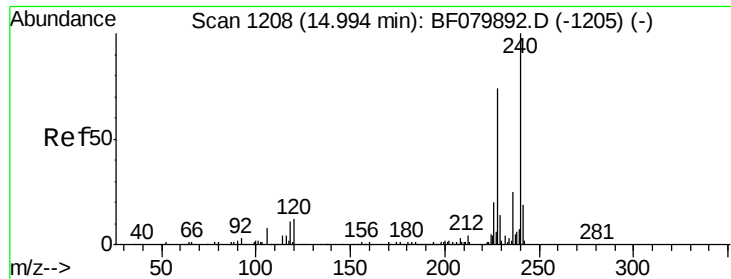
Delta R.T. -0.11 min

Lab File: BF079966.D

Acq: 13 Jun 2015 8:43

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		701709		
101	9.0	0.0	30.7		
203	17.6	0.0	38.0		





#75

Chrysene-d12

Concen: 20.00 ng m

RT: 14.86 min Scan# 1196

Delta R.T. -0.29 min

Lab File: BF079966.D

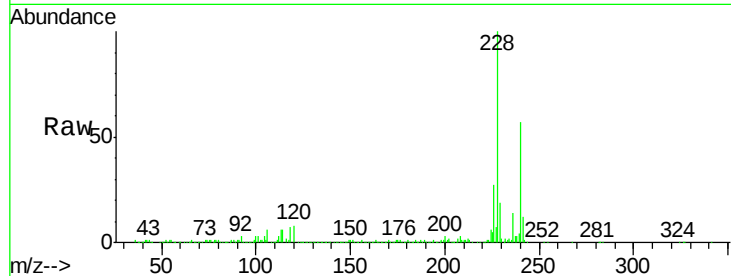
Acq: 13 Jun 2015 8:43

Instrument :

BNA_F

ClientSampleId :

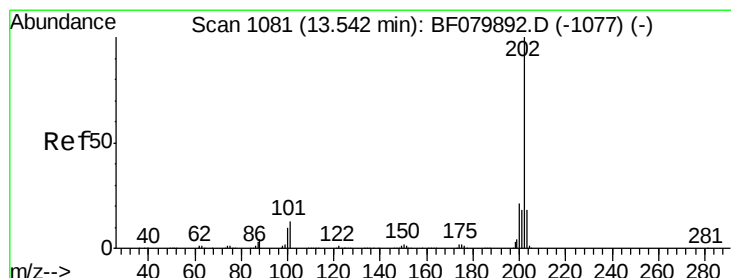
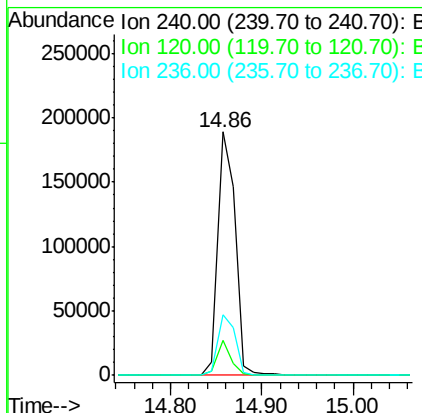
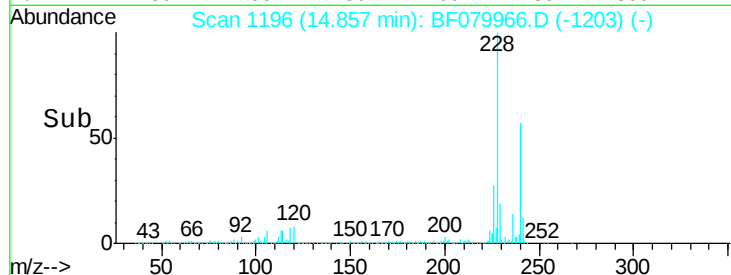
PZ-1-6-4-15MS



Tgt Ion	Ratio	Resp	Lower	Upper
240	100	246967		
120	14.1	9.4	14.2	
236	25.1	19.6	29.4	

Manual Integrations
APPROVED

apatel
6/15/2015 1:00:39 PM



#77

Pyrene

Concen: 47.00 ng

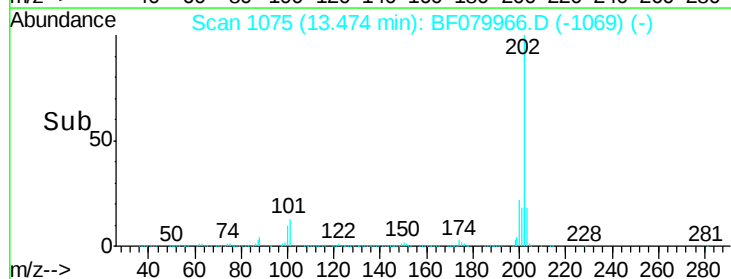
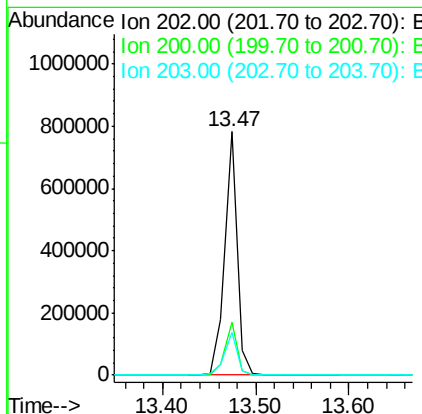
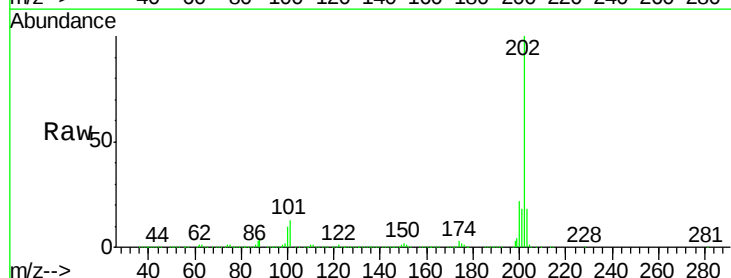
RT: 13.47 min Scan# 1075

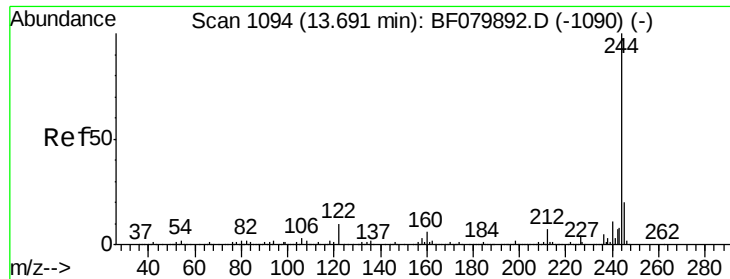
Delta R.T. -0.14 min

Lab File: BF079966.D

Acq: 13 Jun 2015 8:43

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	728963		
200	21.6	16.8	25.2	
203	17.6	14.4	21.6	





#78

Terphenyl-d14

Concen: 77.33 ng m

RT: 13.61 min Scan# 1087

Delta R.T. -0.16 min

Lab File: BF079966.D

Acq: 13 Jun 2015 8:43

Instrument :

BNA_F

ClientSampleId :

PZ-1-6-4-15MS

Tgt Ion: 244 Resp: 828370

Ion Ratio Lower Upper

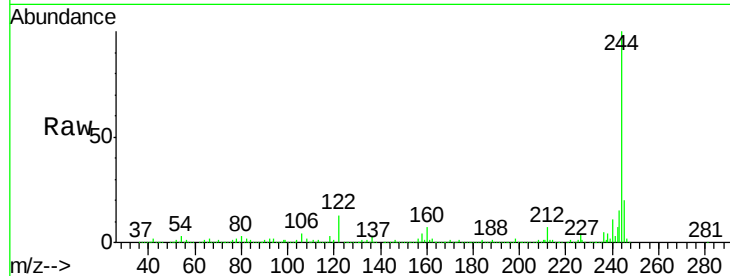
244 100

212 7.5 5.4 8.2

122 13.1 7.8 11.8#

Manual Integrations
APPROVED

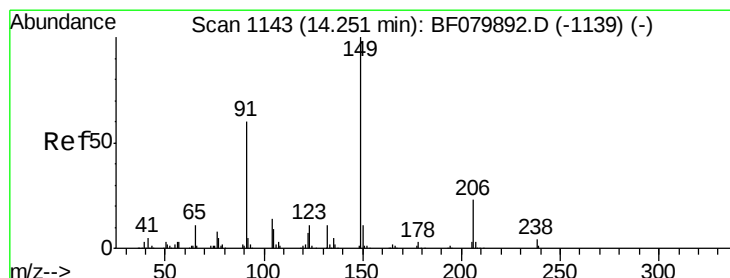
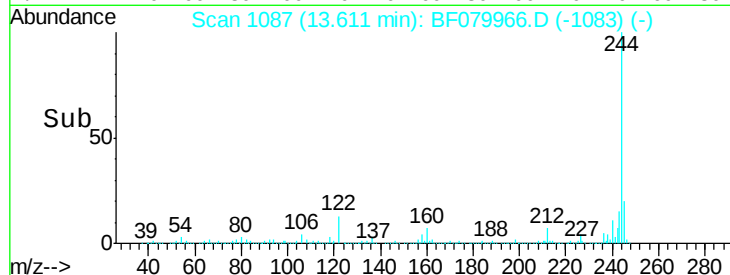
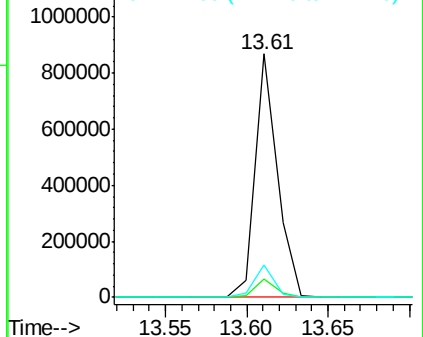
apatel
6/15/2015 1:00:39 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 60.55 ng m

RT: 14.15 min Scan# 1134

Delta R.T. -0.22 min

Lab File: BF079966.D

Acq: 13 Jun 2015 8:43

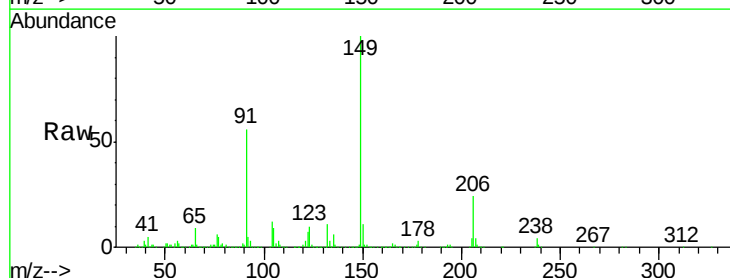
Tgt Ion: 149 Resp: 317128

Ion Ratio Lower Upper

149 100

91 56.5 48.1 72.1

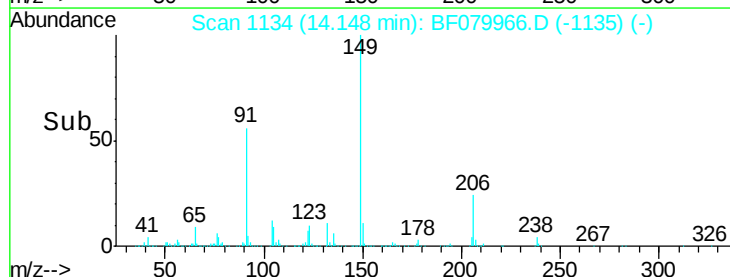
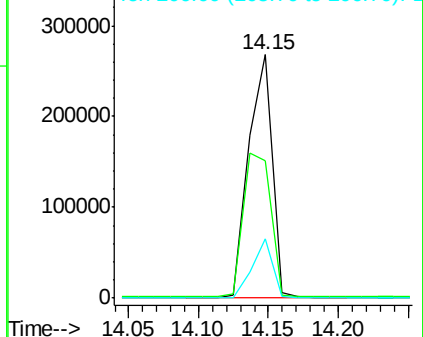
206 24.3 18.6 27.8

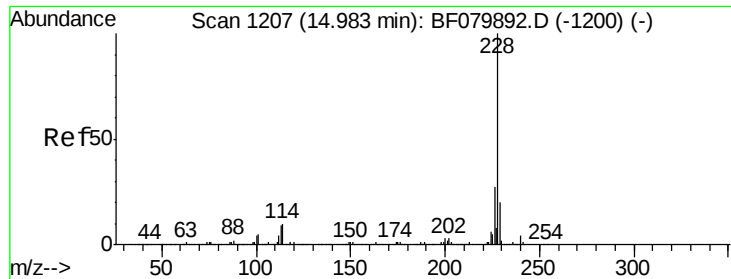


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





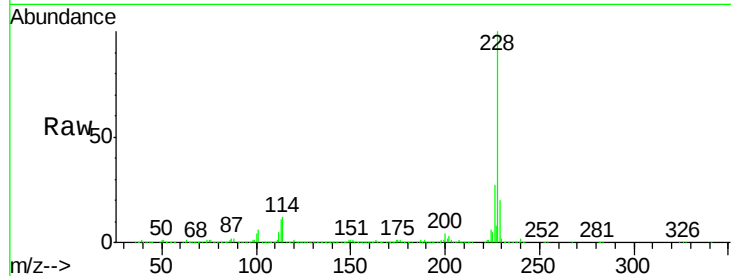
#80
Benzo(a)anthracene
Concen: 44.59 ng m
RT: 14.85 min Scan# 1195
Delta R.T. -0.27 min
Lab File: BF079966.D
Acq: 13 Jun 2015 8:43

Instrument :
BNA_F
ClientSampleId :
PZ-1-6-4-15MS

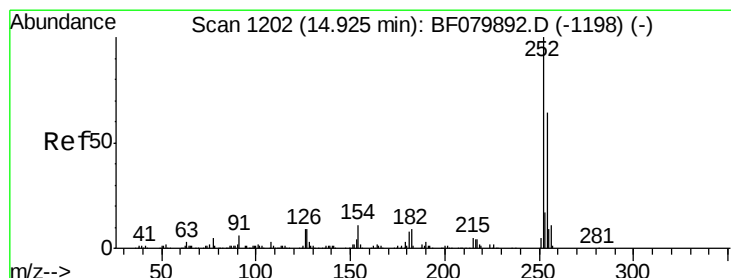
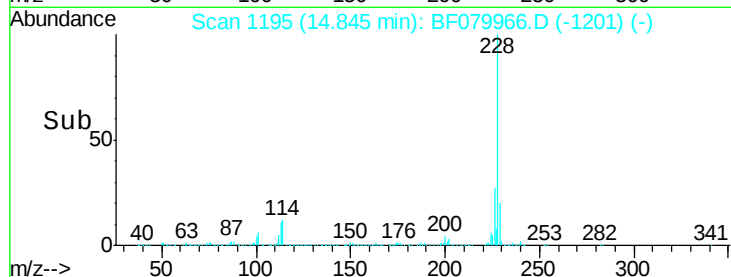
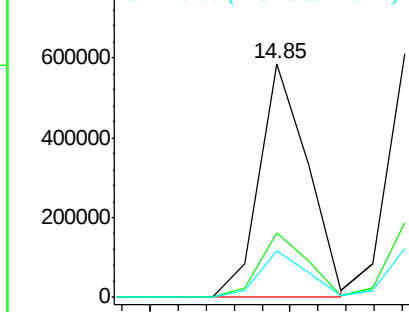
Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.8
229	20.1	15.9	23.9

Manual Integrations
APPROVED

apatel
6/15/2015 1:00:39 PM

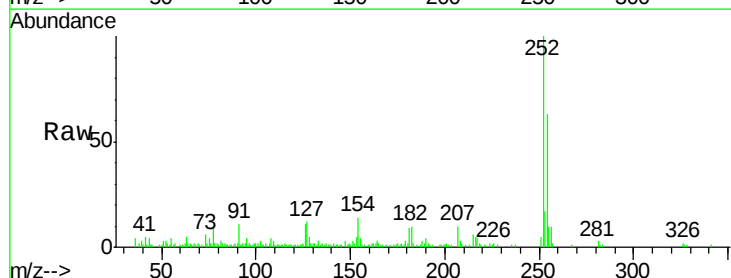


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

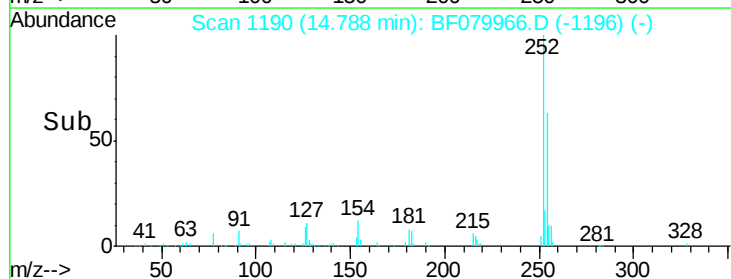
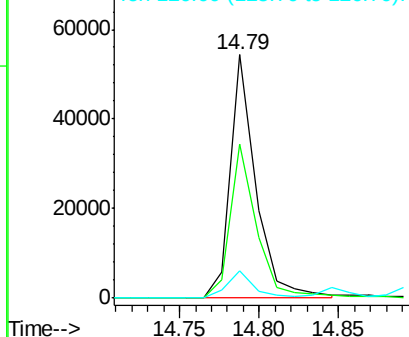


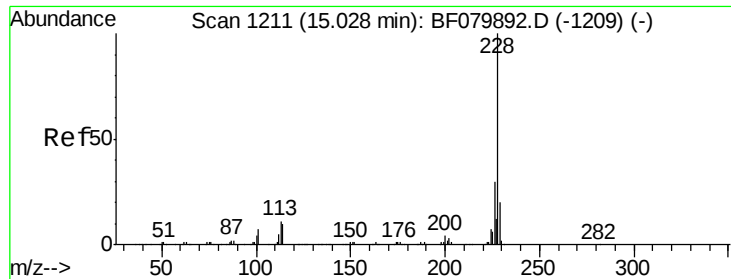
#81
3,3'-Dichlorobenzidine
Concen: 12.00 ng m
RT: 14.79 min Scan# 1190
Delta R.T. -0.27 min
Lab File: BF079966.D
Acq: 13 Jun 2015 8:43

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.1	51.1	76.7
126	11.1	7.3	10.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 48.68 ng m

RT: 14.89 min Scan# 1199

Delta R.T. -0.29 min

Lab File: BF079966.D

Acq: 13 Jun 2015 8:43

Instrument :

BNA_F

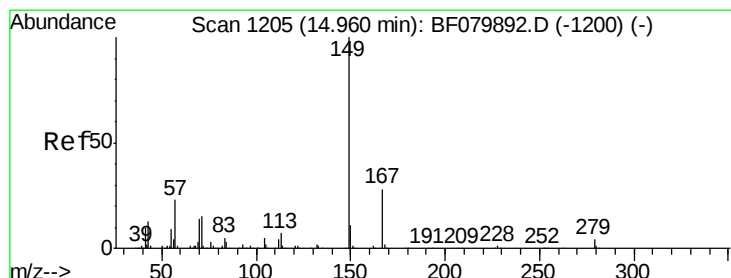
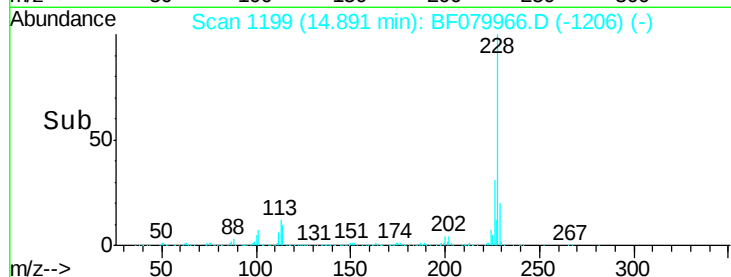
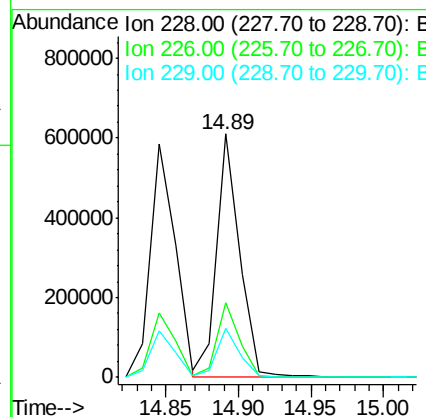
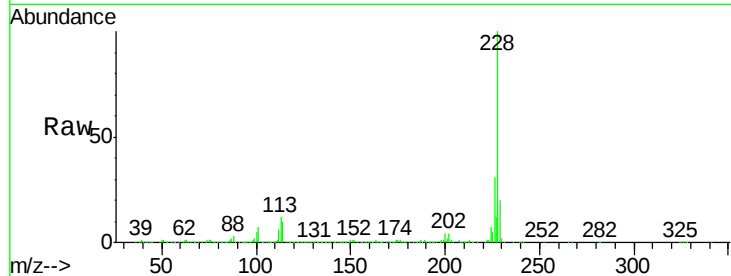
ClientSampleId :

PZ-1-6-4-15MS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.9	35.9
229	20.4	16.1	24.1

Manual Integrations
APPROVED

apatel
6/15/2015 1:00:39 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 57.15 ng m

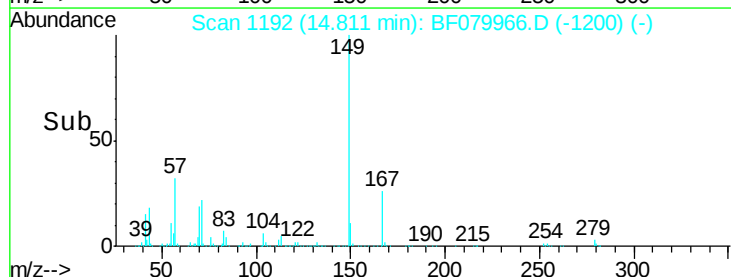
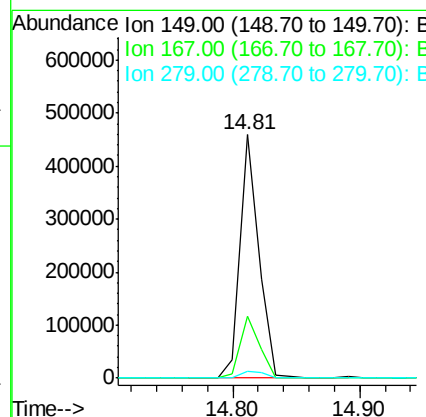
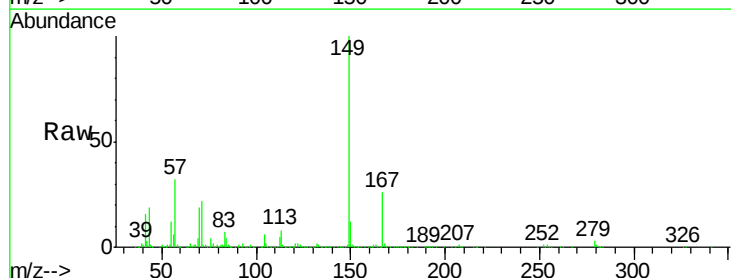
RT: 14.81 min Scan# 1192

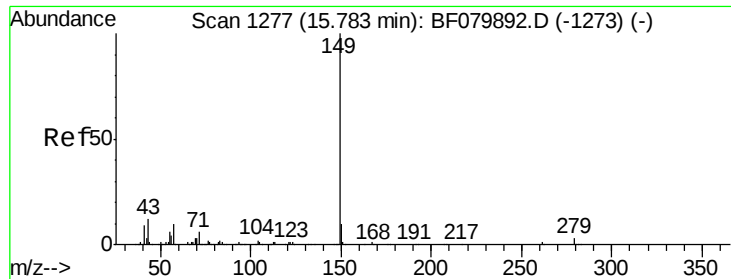
Delta R.T. -0.30 min

Lab File: BF079966.D

Acq: 13 Jun 2015 8:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.5	22.2	33.4
279	2.6	3.1	4.7#





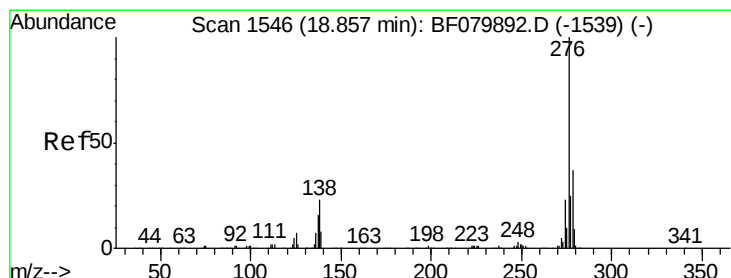
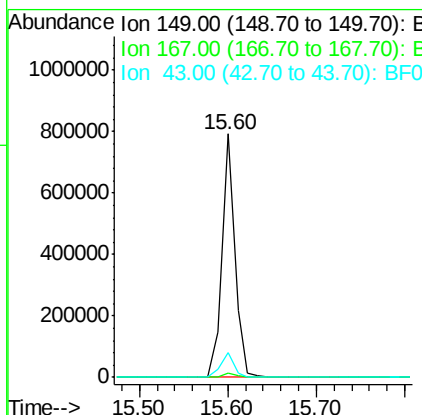
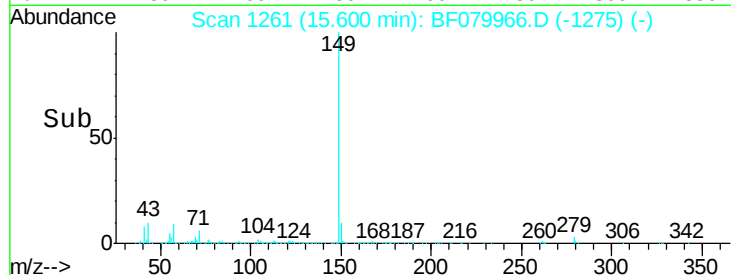
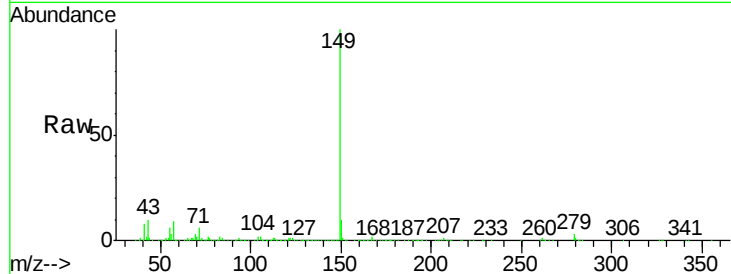
#84
Di-n-octyl phthalate
Concen: 59.72 ng m
RT: 15.60 min Scan# 1261
Delta R.T. -0.37 min
Lab File: BF079966.D
Acq: 13 Jun 2015 8:43

Instrument :
BNA_F
ClientSampleId :
PZ-1-6-4-15MS

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	0.1	1.1	1.7#
43	0.0	8.8	13.2#

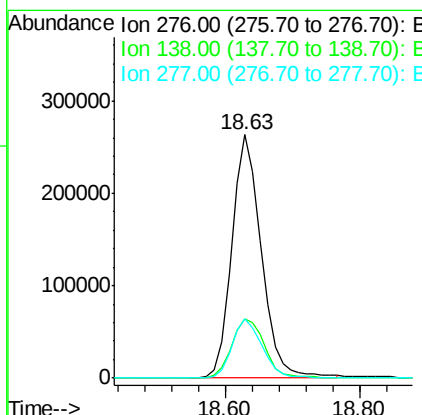
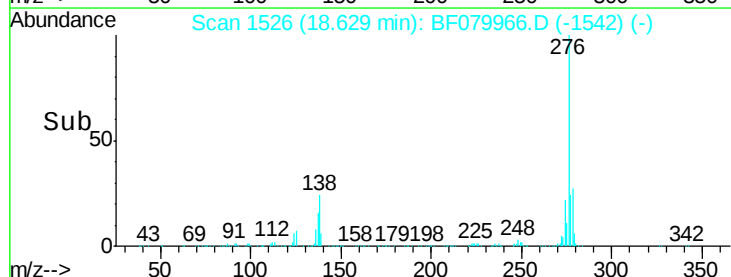
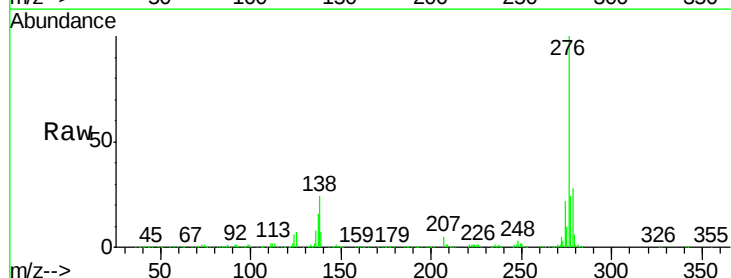
Manual Integrations
APPROVED

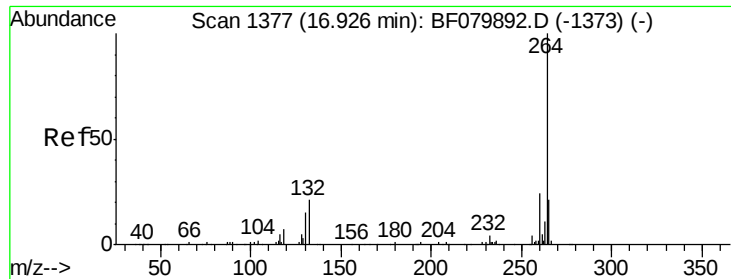
apatel
6/15/2015 1:00:39 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 48.89 ng m
RT: 18.63 min Scan# 1526
Delta R.T. -0.39 min
Lab File: BF079966.D
Acq: 13 Jun 2015 8:43

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	0.0	21.0	31.4#
277	0.0	19.9	29.9#





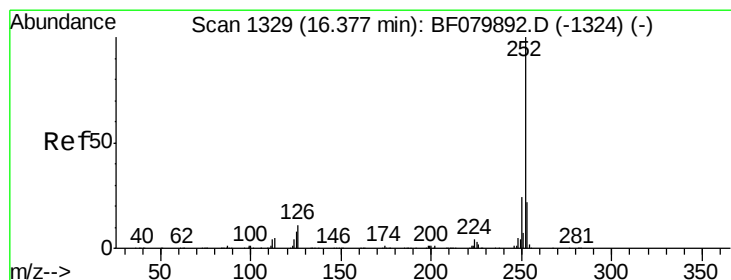
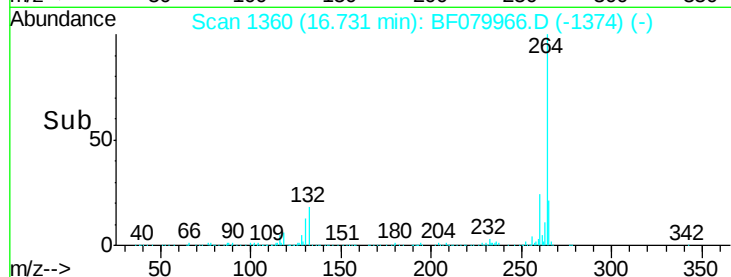
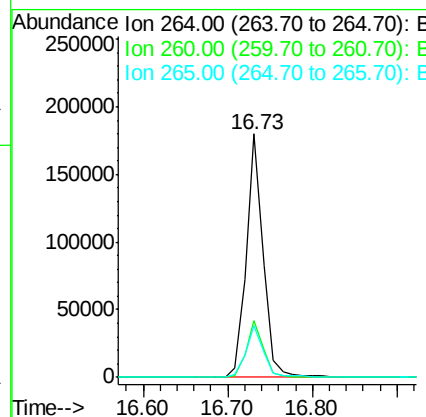
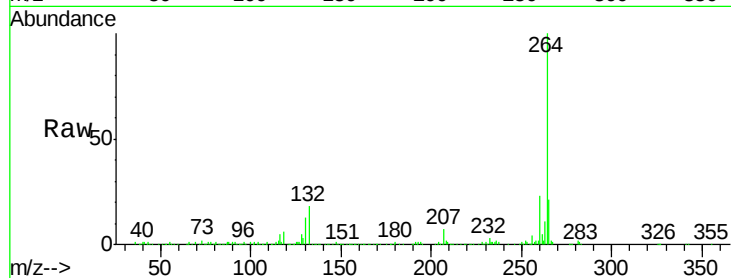
#86
Perylene-d12
Concen: 20.00 ng m
RT: 16.73 min Scan# 1360
Delta R.T. -0.37 min
Lab File: BF079966.D
Acq: 13 Jun 2015 8:43

Instrument :
BNA_F
ClientSampleId :
PZ-1-6-4-15MS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.3	28.9
265	21.0	17.0	25.6

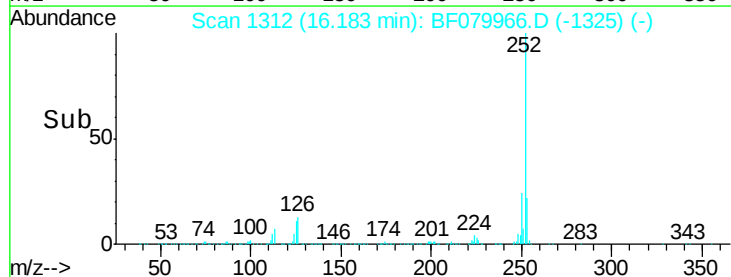
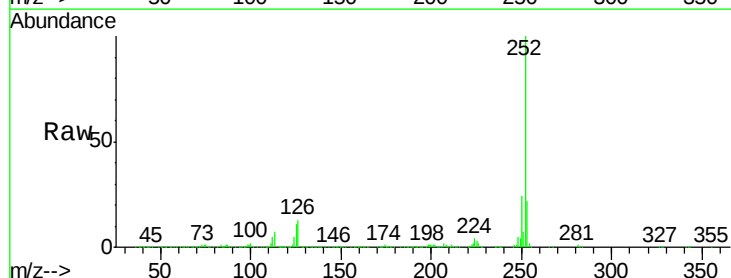
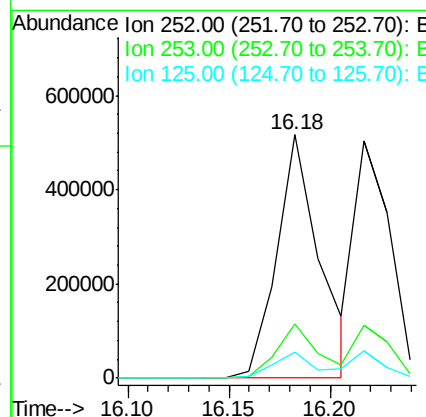
Manual Integrations
APPROVED

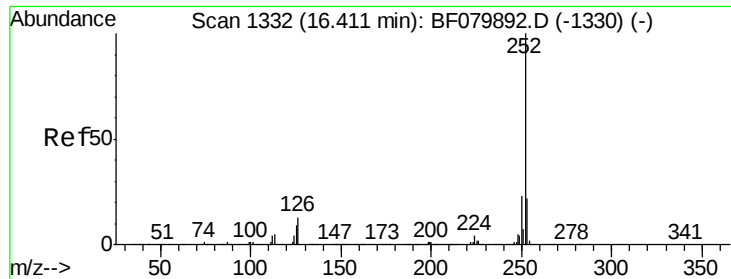
apatel
6/15/2015 1:00:39 PM



#87
Benzo(b)fluoranthene
Concen: 49.80 ng m
RT: 16.18 min Scan# 1312
Delta R.T. -0.35 min
Lab File: BF079966.D
Acq: 13 Jun 2015 8:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	10.9	6.5	9.7#





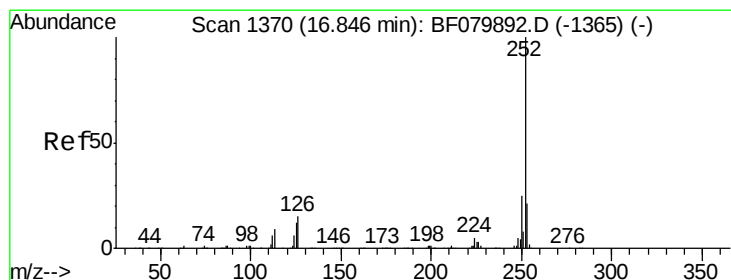
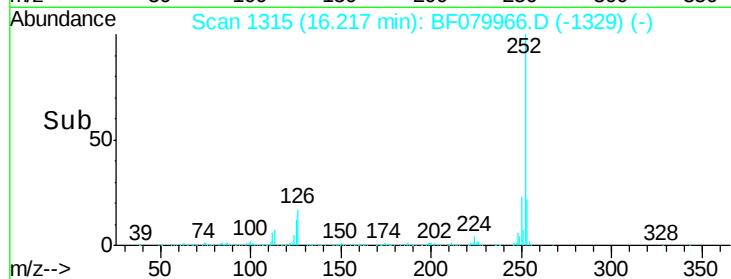
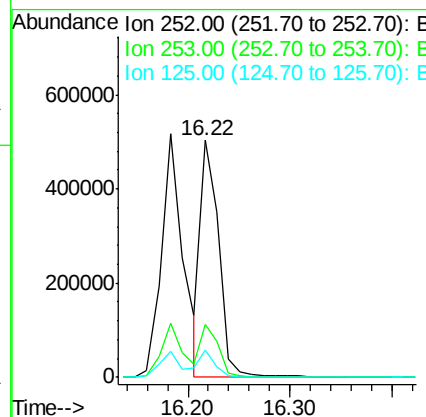
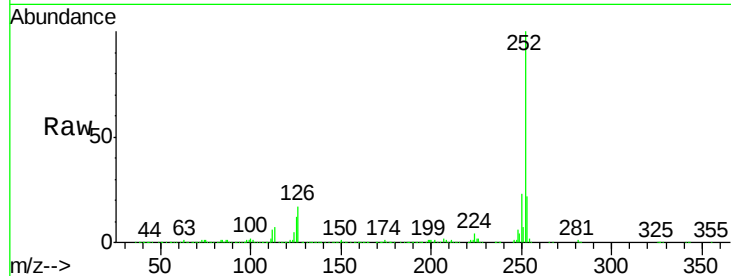
#88
Benzo(k)fluoranthene
Concen: 41.24 ng m
RT: 16.22 min Scan# 1315
Delta R.T. -0.37 min
Lab File: BF079966.D
Acq: 13 Jun 2015 8:43

Instrument :
BNA_F
ClientSampleId :
PZ-1-6-4-15MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	11.6	7.4	11.0

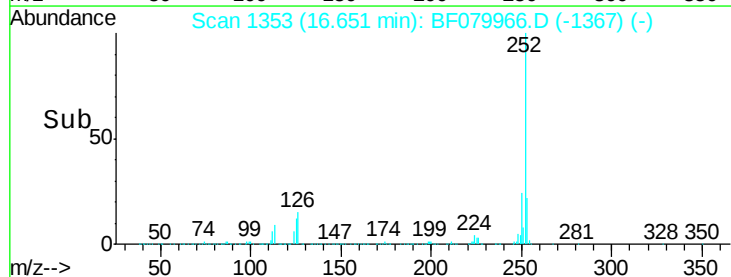
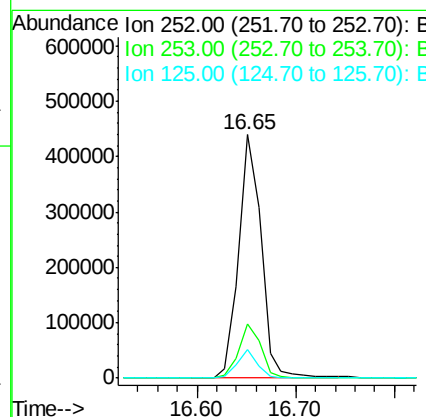
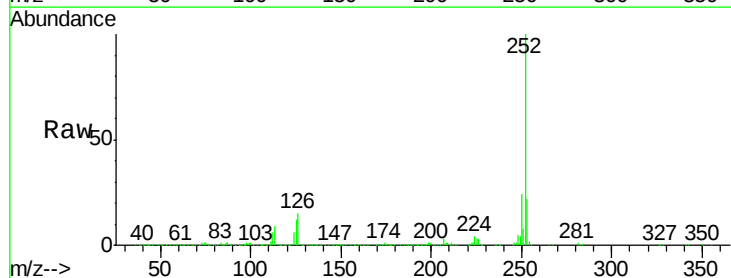
Manual Integrations
APPROVED

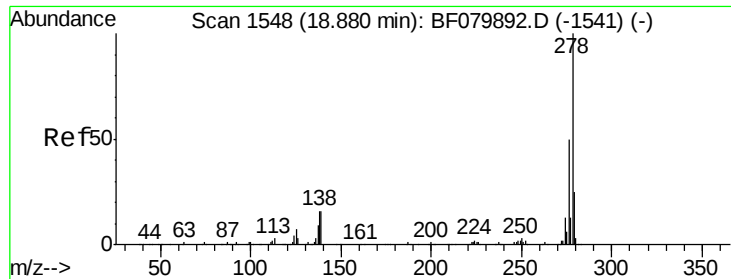
apatel
6/15/2015 1:00:39 PM



#89
Benzo(a)pyrene
Concen: 47.81 ng m
RT: 16.65 min Scan# 1353
Delta R.T. -0.37 min
Lab File: BF079966.D
Acq: 13 Jun 2015 8:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	11.7	9.7	14.5





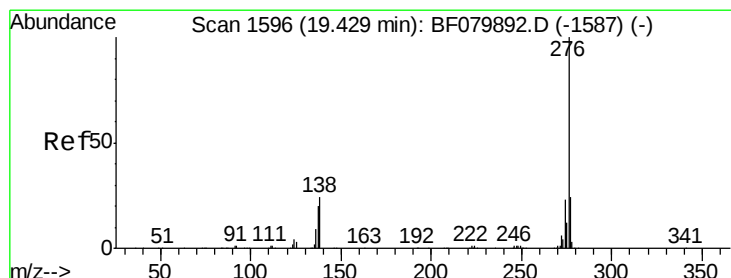
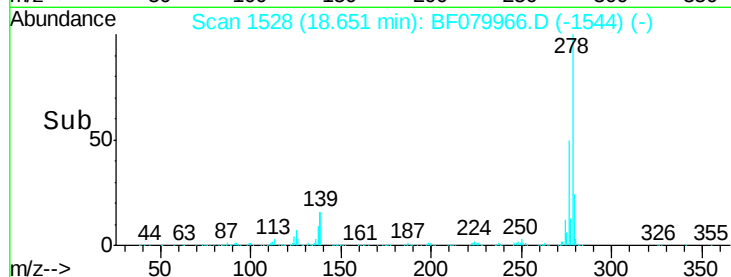
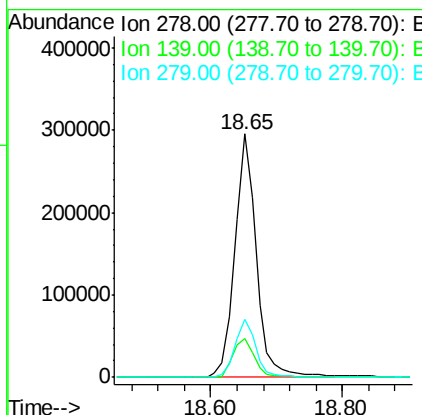
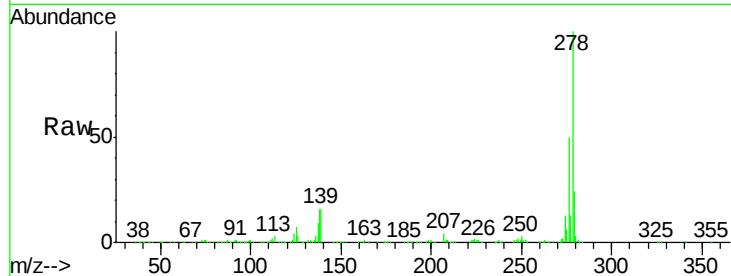
#90
Dibenzo(a,h)anthracene
Concen: 46.75 ng m
RT: 18.65 min Scan# 1528
Delta R.T. -0.39 min
Lab File: BF079966.D
Acq: 13 Jun 2015 8:43

Instrument :
BNA_F
ClientSampleId :
PZ-1-6-4-15MS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.8	19.2
279	23.8	19.7	29.5

Manual Integrations
APPROVED

apatel
6/15/2015 1:00:39 PM



#91
Benzo(g,h,i)perylene
Concen: 45.98 ng m
RT: 19.20 min Scan# 1576
Delta R.T. -0.39 min
Lab File: BF079966.D
Acq: 13 Jun 2015 8:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.4	29.2
138	24.1	19.1	28.7

