

Data Path : Z:\HPCHEM1\BNA_F\Data\BF070615\
 Data File : BF080360.D
 Acq On : 6 Jul 2015 22:51
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

apatel
 7/7/2015 4:26:15 PM

Quant Time: Jul 07 05:39:19 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 03:05:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	43570	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	170425	20.00	ng	0.00
38) Acenaphthene-d10	10.29	164	83072	20.00	ng	0.00
63) Phenanthrene-d10	11.79	188	174096	20.00	ng	0.00
75) Chrysene-d12	14.73	240	180742	20.00	ng	-0.01
86) Perylene-d12	16.56	264	171395	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.84	112	189731	79.75	ng	0.00
7) Phenol-d6	6.83	99	246502	78.17	ng	0.00
23) Nitrobenzene-d5	7.79	82	237011	81.11	ng	0.00
41) 2,4,6-Tribromophenol	11.08	330	70511	81.12	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	487414	79.18	ng	0.00
78) Terphenyl-d14	13.47	244	660511	85.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.00	88	46952	41.80	ng	98
3) Pyridine	3.86	79	123211	43.10	ng	98
4) n-Nitrosodimethylamine	3.76	42	60314	44.91	ng	84
6) Aniline	6.89	93	177317	40.61	ng	99
8) 2-Chlorophenol	7.01	128	110652	40.12	ng	100
9) Benzaldehyde	6.77	77	72027	41.07	ng	98
10) Phenol	6.85	94	130810	38.25	ng	99
11) bis(2-Chloroethyl)ether	6.94	93	100415	38.93	ng	99
12) 1,3-Dichlorobenzene	7.17	146	133881	39.55	ng	100
13) 1,4-Dichlorobenzene	7.24	146	129350	40.91	ng	# 89
14) 1,2-Dichlorobenzene	7.40	146	128553	40.17	ng	100
15) Benzyl Alcohol	7.36	79	102048	41.81	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.49	45	167075	40.05	ng	99
17) 2-Methylphenol	7.47	107	85443	39.97	ng	97
18) Hexachloroethane	7.76	117	40424	39.79	ng	97
19) n-Nitroso-di-n-propylamine	7.63	70	82309	40.22	ng	99
20) 3+4-Methylphenols	7.62	107	123280	41.38	ng	97
22) Acetophenone	7.63	105	158116	40.21	ng	99
24) Nitrobenzene	7.80	77	115434	39.33	ng	100
25) Isophorone	8.04	82	228436	40.62	ng	99
26) 2-Nitrophenol	8.13	139	51890	40.85	ng	99
27) 2,4-Dimethylphenol	8.16	122	98728	39.51	ng	99
28) bis(2-Chloroethoxy)methane	8.25	93	138402	39.62	ng	98
29) 2,4-Dichlorophenol	8.37	162	92147	41.53	ng	99
30) 1,2,4-Trichlorobenzene	8.46	180	102075	38.71	ng	98
31) Naphthalene	8.54	128	348669m	39.89	ng	
32) Benzoic acid	8.22	122	58423	44.65	ng	96
33) 4-Chloroaniline	8.58	127	140684m	40.37	ng	
34) Hexachlorobutadiene	8.66	225	62851	39.18	ng	98
35) Caprolactam	8.92	113	27446	40.05	ng	99
36) 4-Chloro-3-methylphenol	9.05	107	88940	38.85	ng	97
37) 2-Methylnaphthalene	9.24	142	218811	39.26	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.40	216	102288	38.85	ng	98
40) Hexachlorocyclopentadiene	9.39	237	36622	37.57	ng	99

Data Path : Z:\HPCHEM1\BNA_F\Data\BF070615\
 Data File : BF080360.D
 Acq On : 6 Jul 2015 22:51
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

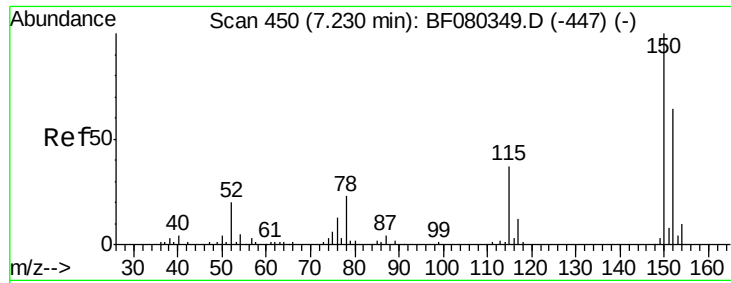
Manual Integrations
 APPROVED

apatel
 7/7/2015 4:26:15 PM

Quant Time: Jul 07 05:39:19 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 03:05:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.52	196	69010	39.79	ng	97
43) 2,4,5-Trichlorophenol	9.55	196	81016	40.08	ng	99
45) 1,1'-Biphenyl	9.70	154	290400	39.39	ng	100
46) 2-Chloronaphthalene	9.73	162	223889	39.82	ng	99
47) 2-Nitroaniline	9.81	65	65779	41.81	ng	97
48) Acenaphthylene	10.14	152	364316	38.93	ng	100
49) Dimethylphthalate	9.98	163	241964	36.28	ng	99
50) 2,6-Dinitrotoluene	10.05	165	56927	40.82	ng	98
51) Acenaphthene	10.33	154	227084	40.54	ng	99
52) 3-Nitroaniline	10.22	138	63882	40.66	ng	97
53) 2,4-Dinitrophenol	10.34	184	19539	36.78	ng	90
54) Dibenzofuran	10.50	168	319268	40.09	ng	99
55) 4-Nitrophenol	10.37	139	49619	43.09	ng	95
56) 2,4-Dinitrotoluene	10.46	165	72169	40.25	ng	99
57) Fluorene	10.84	166	274165	39.98	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.61	232	65664	40.55	ng	98
59) Diethylphthalate	10.69	149	262285	39.37	ng	99
60) 4-Chlorophenyl-phenylether	10.83	204	120832	39.81	ng	99
61) 4-Nitroaniline	10.84	138	66025	43.29	ng	98
62) Azobenzene	10.99	77	251295	39.71	ng	99
64) 4,6-Dinitro-2-methylphenol	10.88	198	36511	37.35	ng	97
65) n-Nitrosodiphenylamine	10.94	169	225412	40.65	ng	99
66) 4-Bromophenyl-phenylether	11.32	248	78944	39.58	ng	99
67) Hexachlorobenzene	11.40	284	85602	40.92	ng	99
68) Atrazine	11.46	200	69564	42.14	ng	99
69) Pentachlorophenol	11.58	266	34675	33.52	ng	96
70) Phenanthrene	11.81	178	412906	39.54	ng	99
71) Anthracene	11.87	178	407781	39.83	ng	99
72) Carbazole	12.02	167	395619	41.43	ng	99
73) Di-n-butylphthalate	12.35	149	430898	39.45	ng	98
74) Fluoranthene	13.06	202	434185	38.70	ng	97
76) Benzidine	13.19	184	198946	43.40	ng	98
77) Pyrene	13.32	202	460686	42.14	ng	99
79) Butylbenzylphthalate	14.01	149	191748	43.96	ng	97
80) Benzo(a)anthracene	14.71	228	441249	40.51	ng	99
81) 3,3'-Dichlorobenzidine	14.66	252	150903	41.78	ng	99
82) Chrysene	14.75	228	419062	41.12	ng	100
83) Bis(2-ethylhexyl)phthalate	14.69	149	287176	43.19	ng	100
84) Di-n-octyl phthalate	15.49	149	469413	42.74	ng	99
85) Indeno(1,2,3-cd)pyrene	18.33	276	489358	40.83	ng	99
87) Benzo(b)fluoranthene	16.04	252	415731	38.60	ng	98
88) Benzo(k)fluoranthene	16.08	252	446106	43.75	ng	# 97
89) Benzo(a)pyrene	16.48	252	406804	41.30	ng	# 96
90) Dibenzo(a,h)anthracene	18.35	278	396512	40.87	ng	99
91) Benzo(g,h,i)perylene	18.87	276	403940	41.06	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.00 min

Lab File: BF080360.D

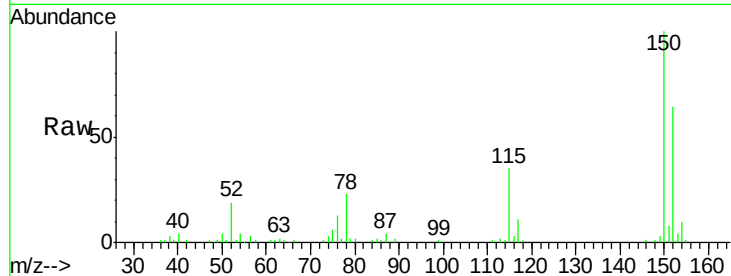
Acq: 6 Jul 2015 22:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 152 Resp: 43570

Ion Ratio Lower Upper

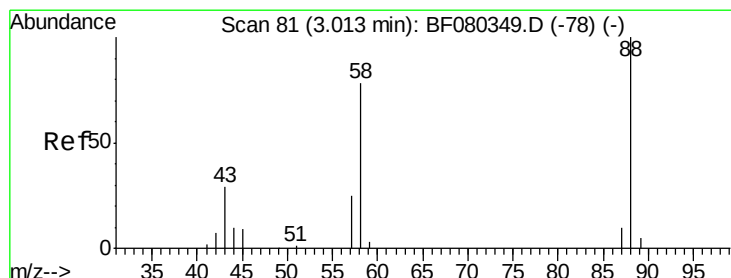
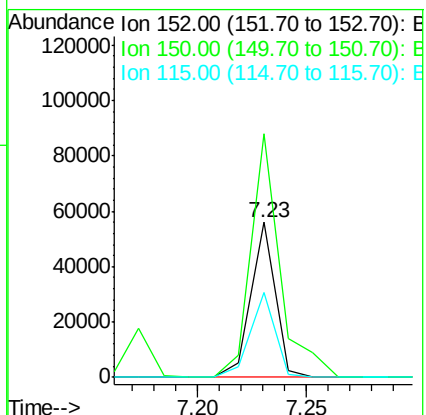
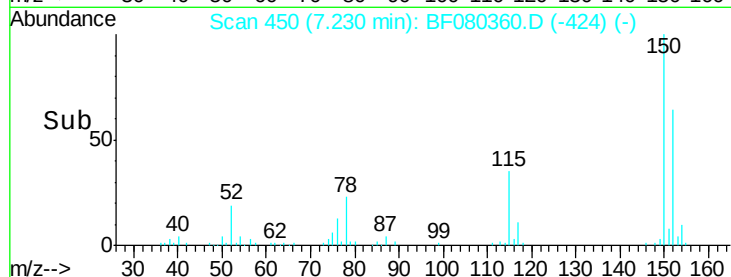
152 100

150 157.0 124.7 187.1

115 54.4 45.7 68.5

Manual Integrations
APPROVED

apatel
7/7/2015 4:26:15 PM



#2

1,4-Dioxane

Concen: 41.80 ng

RT: 3.00 min Scan# 80

Delta R.T. -0.01 min

Lab File: BF080360.D

Acq: 6 Jul 2015 22:51

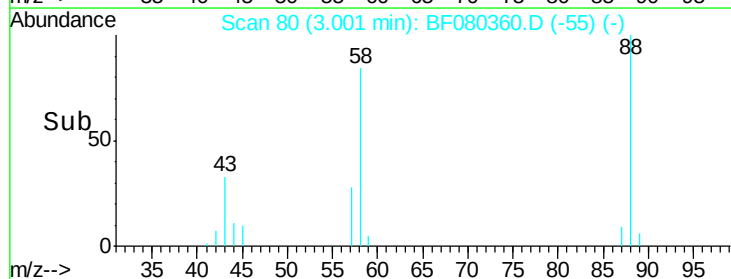
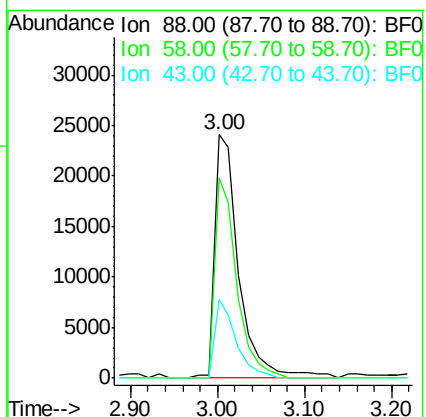
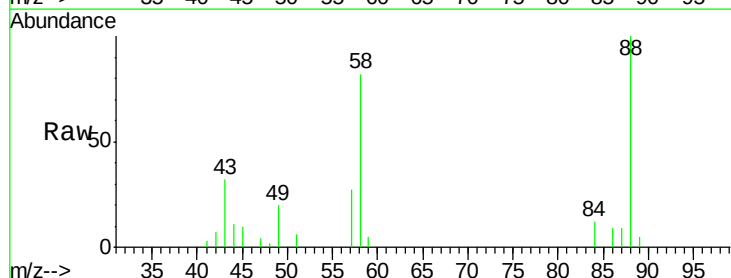
Tgt Ion: 88 Resp: 46952

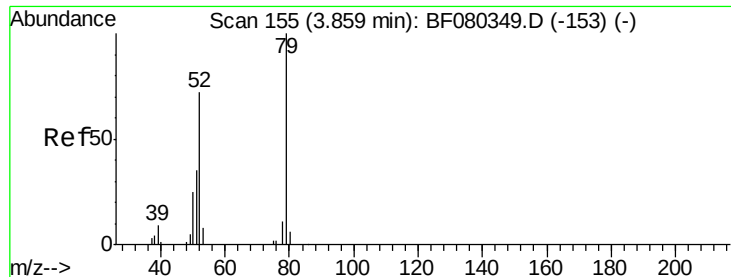
Ion Ratio Lower Upper

88 100

58 74.0 61.0 91.6

43 28.5 23.4 35.0





#3

Pyridine

Concen: 43.10 ng

RT: 3.86 min Scan# 155

Delta R.T. -0.00 min

Lab File: BF080360.D

Acq: 6 Jul 2015 22:51

Instrument :

BNA_F

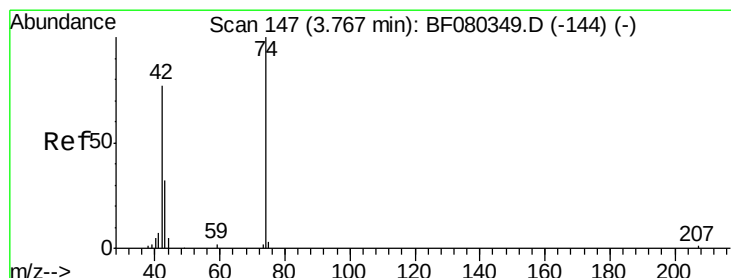
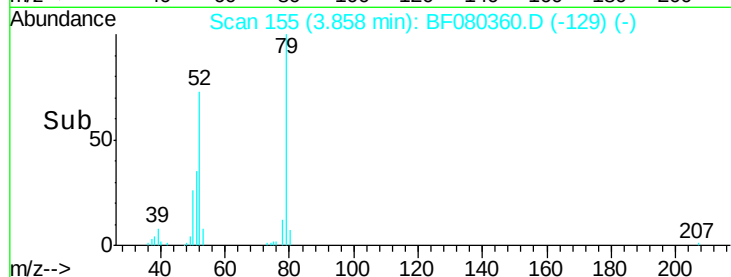
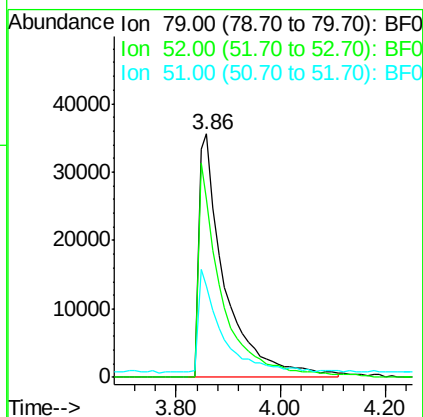
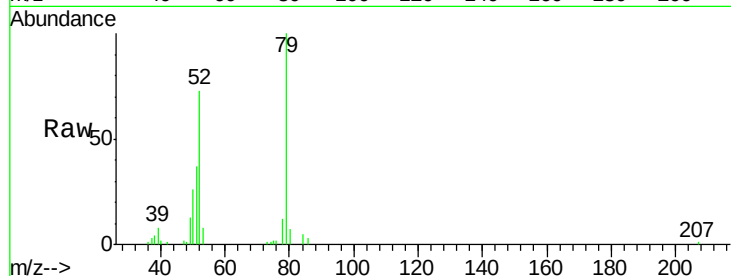
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	79	Resp:	123211
Ion	Ratio	Lower	Upper
79	100		
52	73.1	57.2	85.8
51	37.3	29.4	44.0

Manual Integrations
APPROVED

apatel
7/7/2015 4:26:15 PM



#4

n-Nitrosodimethylamine

Concen: 44.91 ng

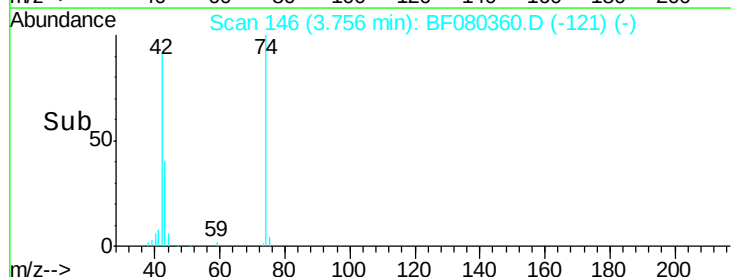
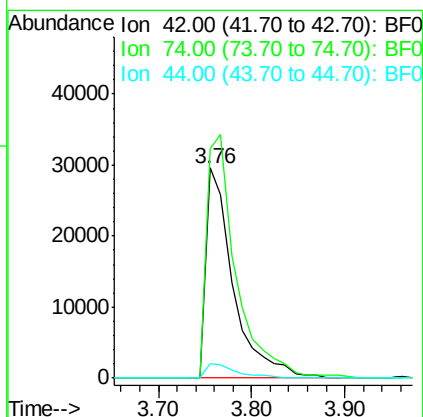
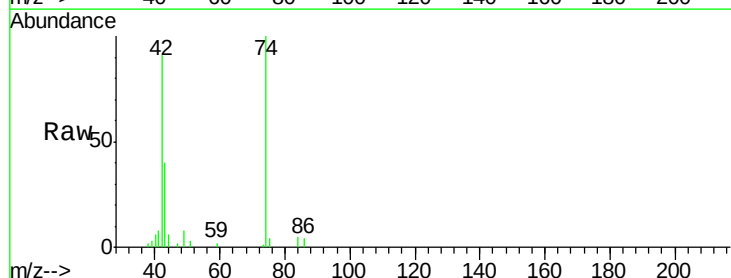
RT: 3.76 min Scan# 146

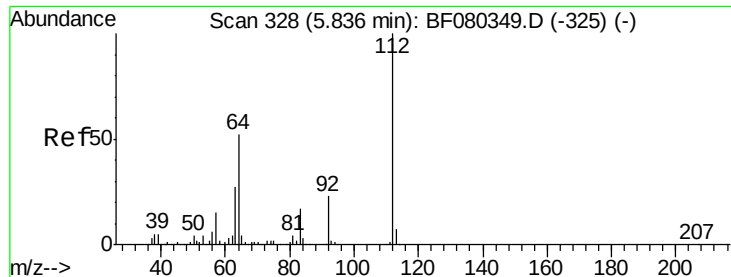
Delta R.T. -0.01 min

Lab File: BF080360.D

Acq: 6 Jul 2015 22:51

Tgt Ion:	42	Resp:	60314
Ion	Ratio	Lower	Upper
42	100		
74	109.8	103.4	155.0
44	6.7	5.4	8.0





#5

2-Fluorophenol

Concen: 79.75 ng

RT: 5.84 min Scan# 328

Delta R.T. -0.00 min

Lab File: BF080360.D

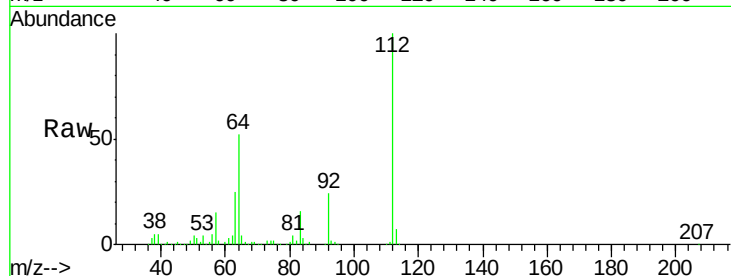
Acq: 6 Jul 2015 22:51

Instrument :

BNA_F

ClientSampleId :

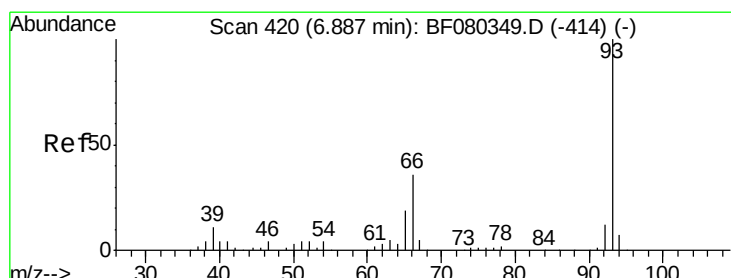
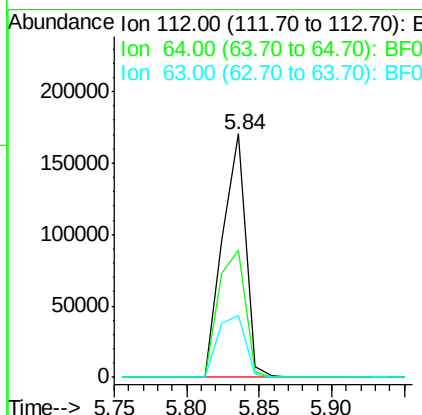
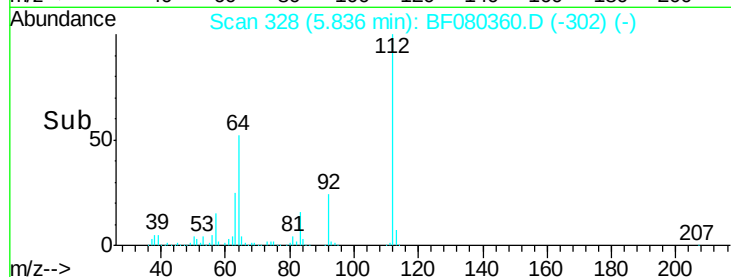
SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
112	100	189731		
64	52.1		41.8	62.6
63	25.3		21.5	32.3

Manual Integrations
APPROVED

apatel
7/7/2015 4:26:15 PM



#6

Aniline

Concen: 40.61 ng

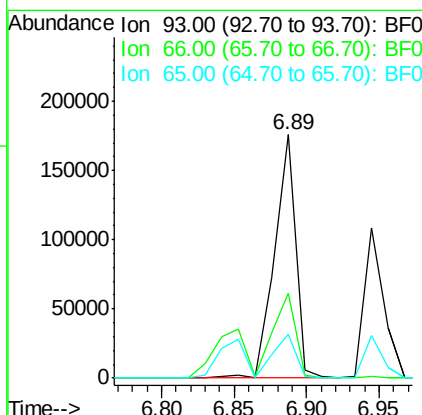
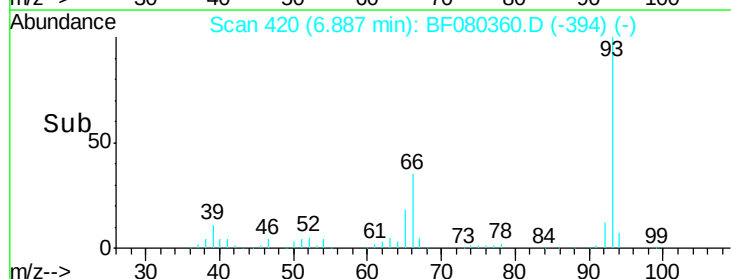
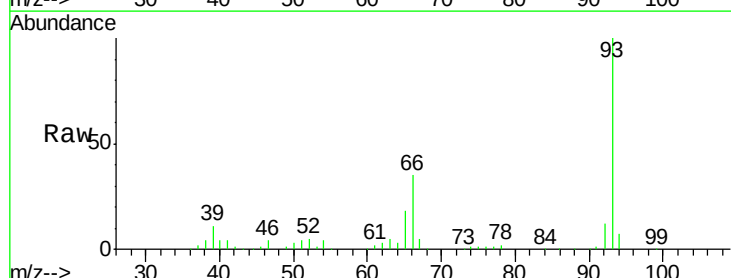
RT: 6.89 min Scan# 420

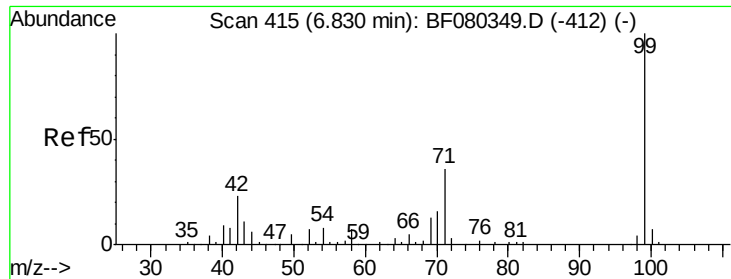
Delta R.T. -0.00 min

Lab File: BF080360.D

Acq: 6 Jul 2015 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	177317		
66	35.0		28.7	43.1
65	18.3		14.8	22.2





#7

Phenol-d6

Concen: 78.17 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF080360.D

Acq: 6 Jul 2015 22:51

Instrument :

BNA_F

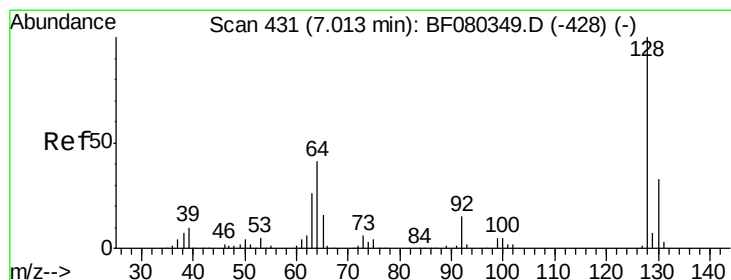
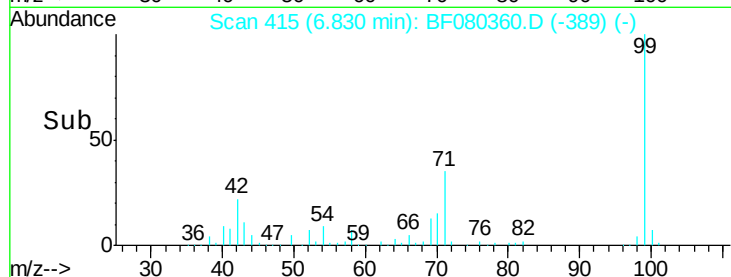
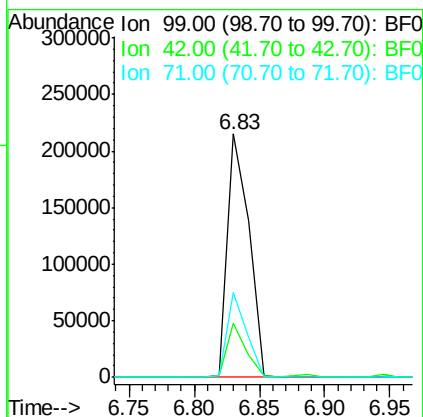
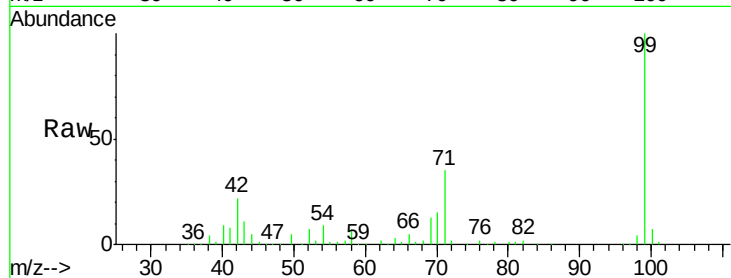
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	99	Resp:	246502
Ion Ratio	Lower	Upper	
99	100		
42	22.3	18.5	27.7
71	35.0	28.5	42.7

Manual Integrations
APPROVED

apatel
7/7/2015 4:26:15 PM



#8

2-Chlorophenol

Concen: 40.12 ng

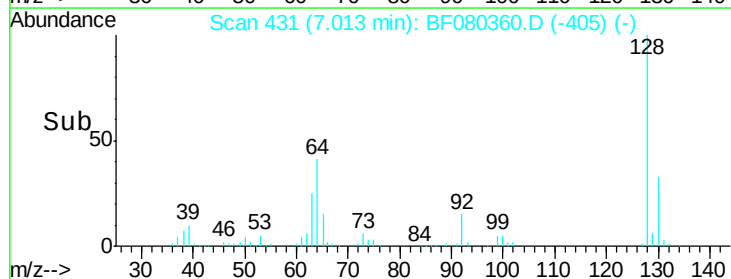
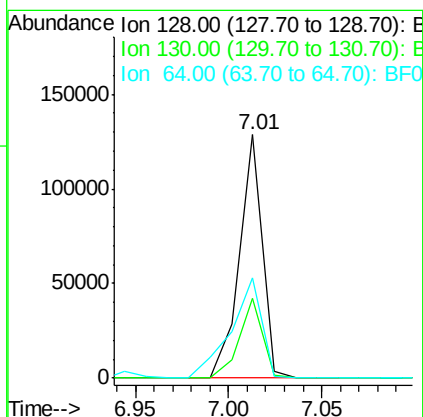
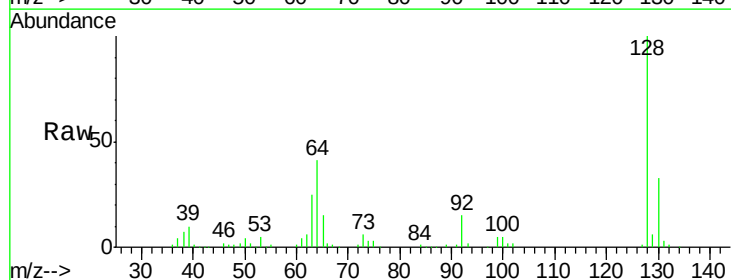
RT: 7.01 min Scan# 431

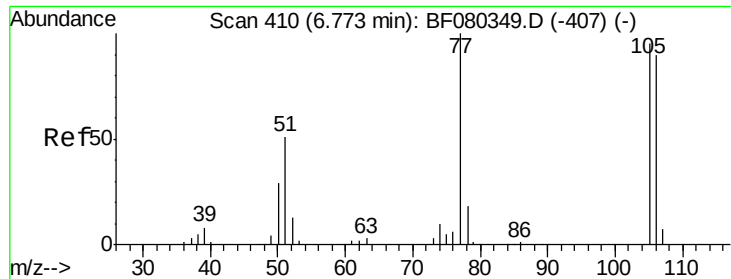
Delta R.T. -0.00 min

Lab File: BF080360.D

Acq: 6 Jul 2015 22:51

Tgt Ion:	128	Resp:	110652
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.8	52.8
64	41.1	21.1	61.1





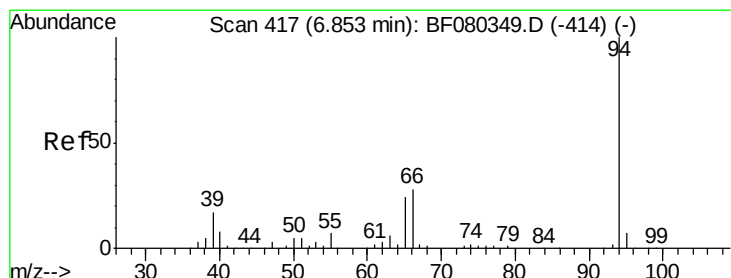
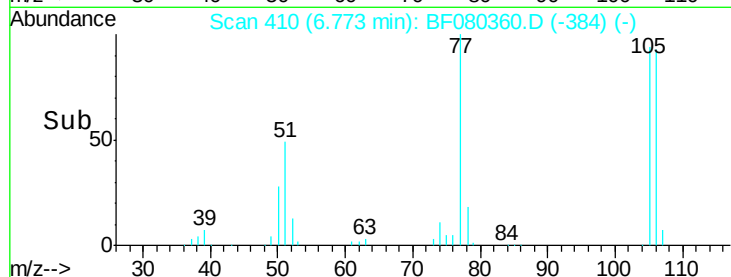
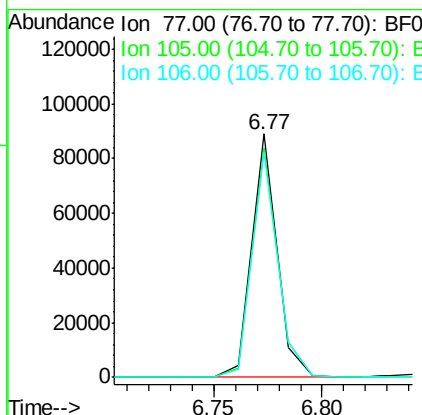
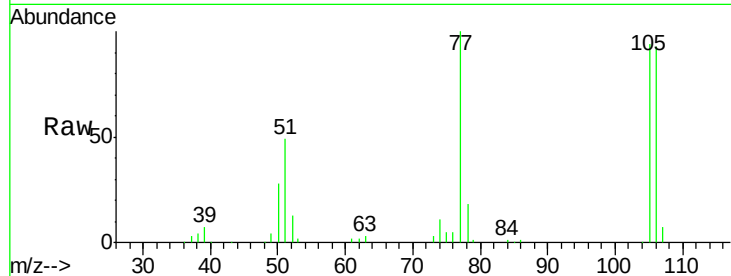
#9
Benzaldehyde
Concen: 41.07 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF080360.D
Acq: 6 Jul 2015 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
77	100		
105	94.1	75.2	115.2
106	92.5	69.9	109.9

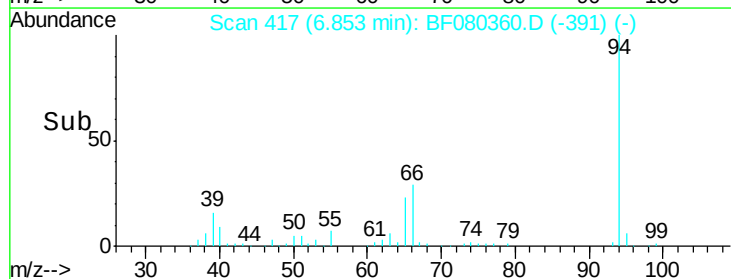
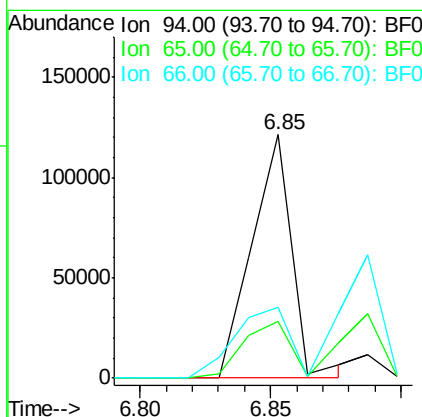
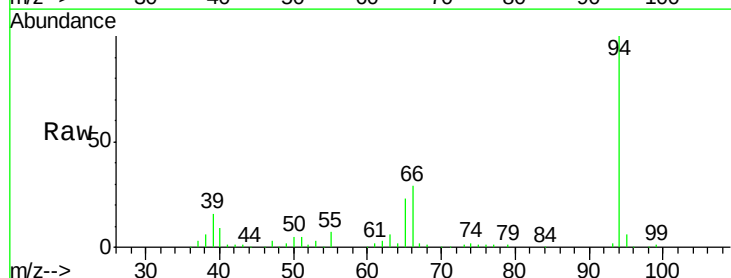
Manual Integrations
APPROVED

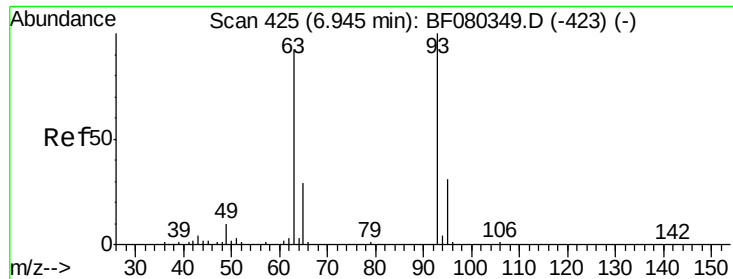
apatel
7/7/2015 4:26:15 PM



#10
Phenol
Concen: 38.25 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF080360.D
Acq: 6 Jul 2015 22:51

Tgt Ion	Ratio	Lower	Upper
94	100		
65	23.2	3.5	43.5
66	28.9	8.5	48.5





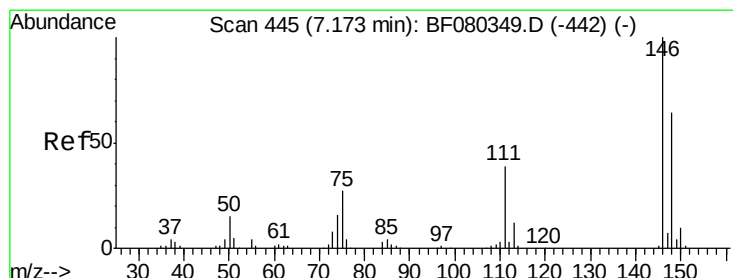
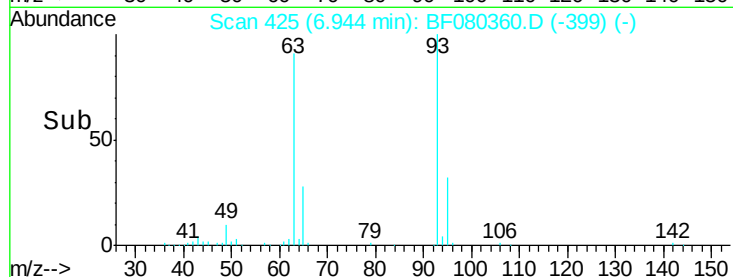
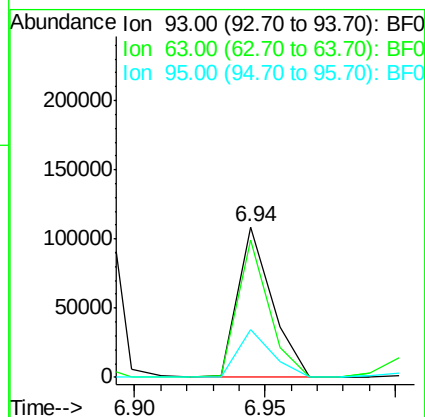
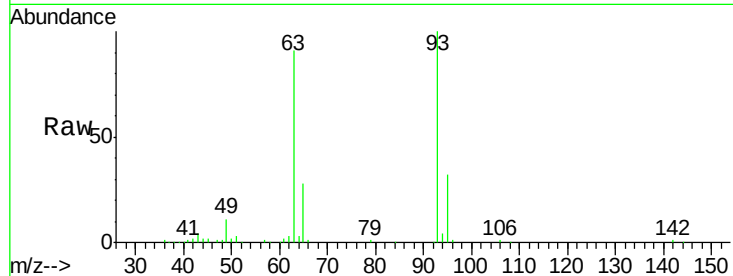
#11
bis(2-Chloroethyl)ether
Concen: 38.93 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF080360.D
Acq: 6 Jul 2015 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
93	100		
63	90.9	71.3	111.3
95	31.9	11.3	51.3

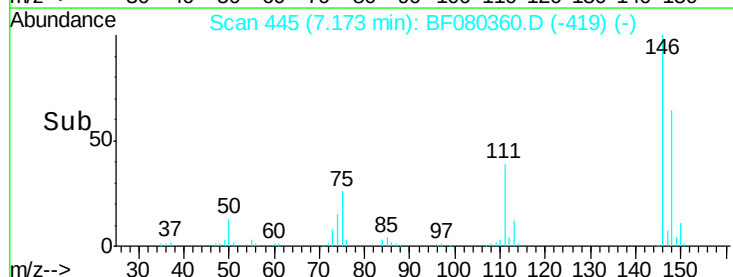
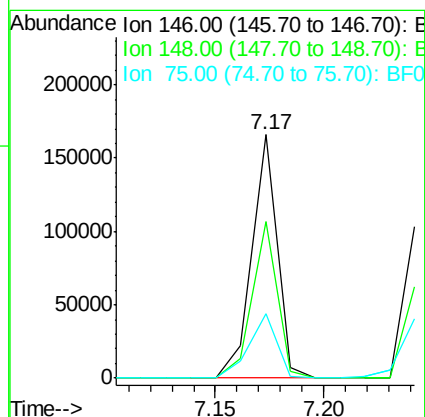
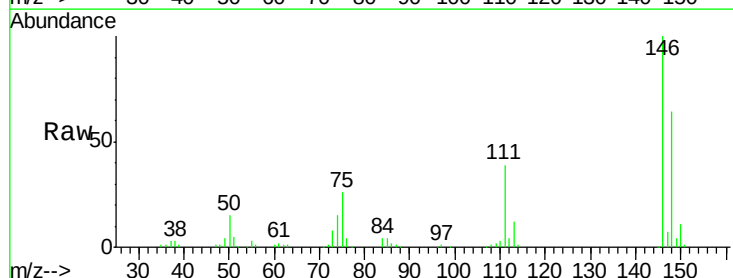
Manual Integrations
APPROVED

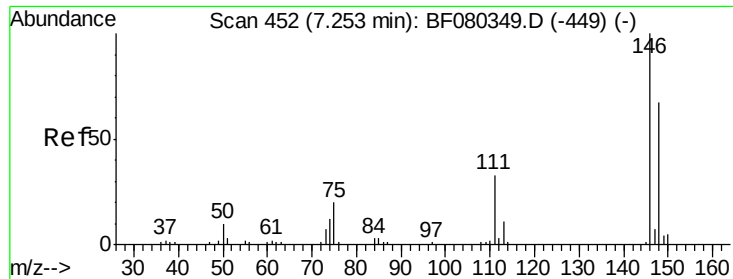
apatel
7/7/2015 4:26:15 PM



#12
1,3-Dichlorobenzene
Concen: 39.55 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF080360.D
Acq: 6 Jul 2015 22:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.0
75	26.4	21.5	32.3





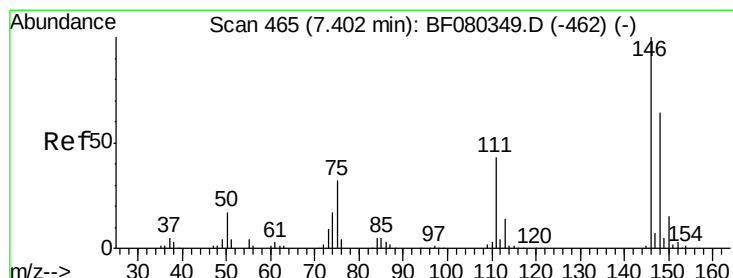
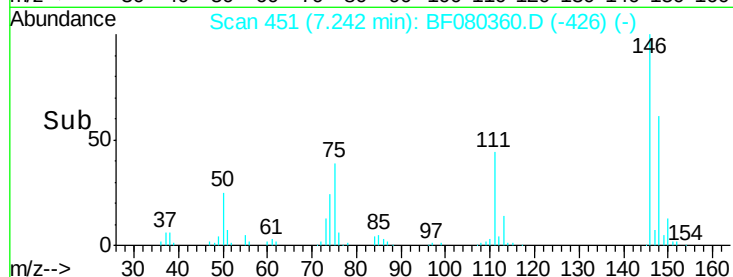
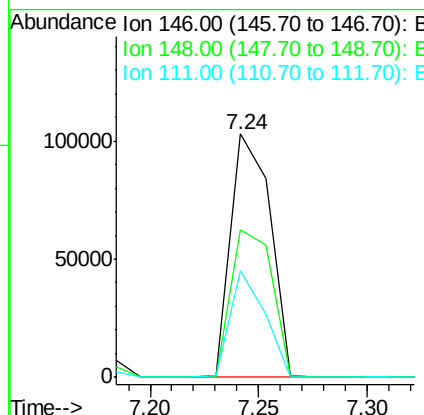
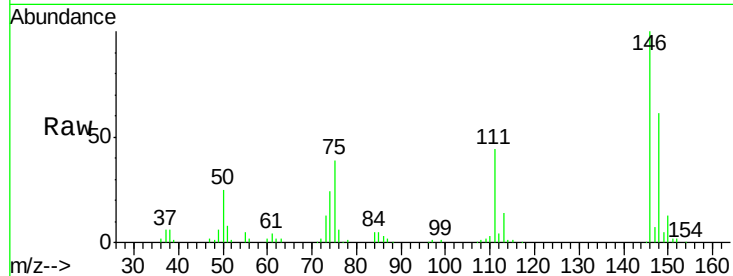
#13
1,4-Dichlorobenzene
Concen: 40.91 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF080360.D
Acq: 6 Jul 2015 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	129350		
148	60.8	53.4	80.0	
111	43.8	26.2	39.2	

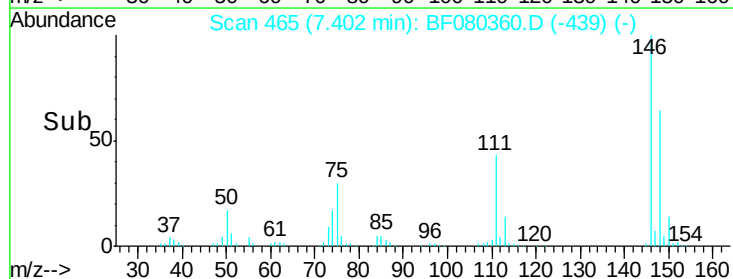
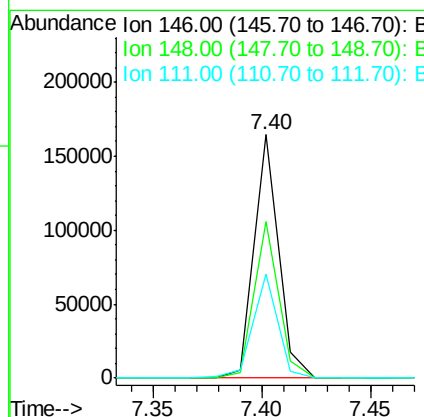
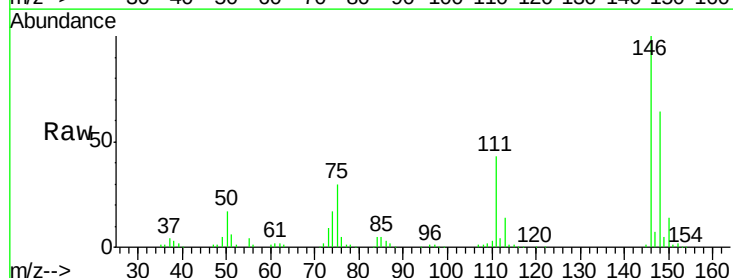
Manual Integrations
APPROVED

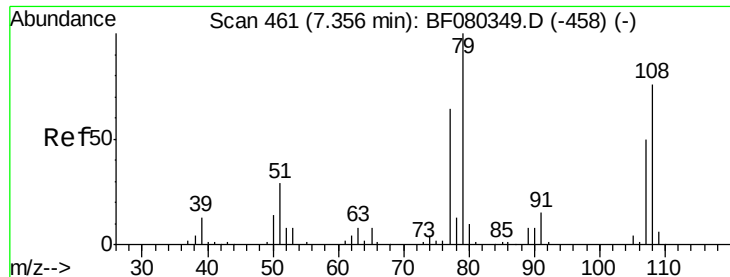
apatel
7/7/2015 4:26:15 PM



#14
1,2-Dichlorobenzene
Concen: 40.17 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF080360.D
Acq: 6 Jul 2015 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	128553		
148	64.4	51.3	76.9	
111	43.0	34.6	52.0	





#15

Benzyl Alcohol

Concen: 41.81 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.00 min

Lab File: BF080360.D

Acq: 6 Jul 2015 22:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 79 Resp: 102048
Ion Ratio Lower Upper

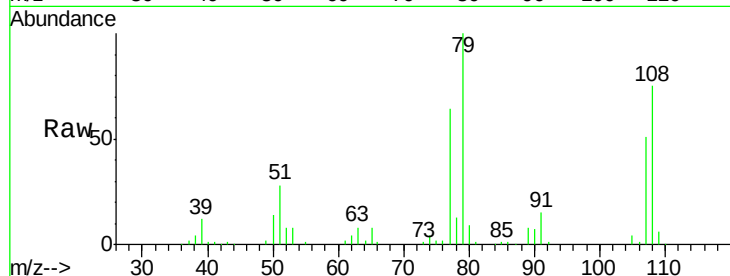
79 100

108 74.6 60.6 90.8

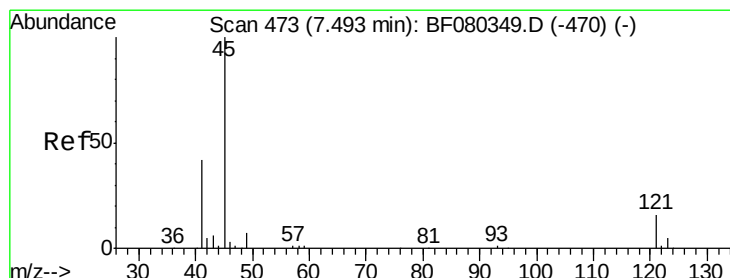
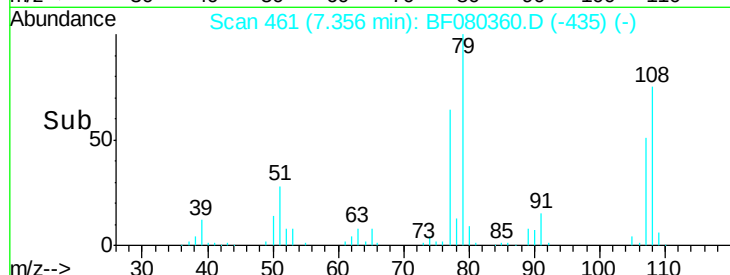
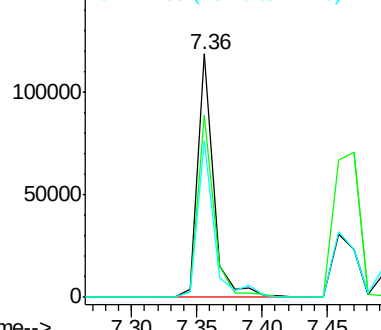
77 64.2 50.8 76.2

Manual Integrations
APPROVED

apatel
7/7/2015 4:26:15 PM



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.05 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF080360.D

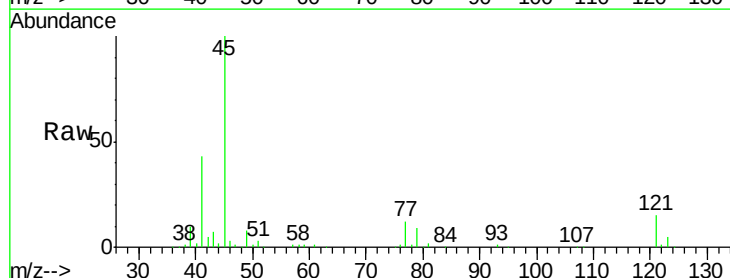
Acq: 6 Jul 2015 22:51

Tgt Ion: 45 Resp: 167075
Ion Ratio Lower Upper

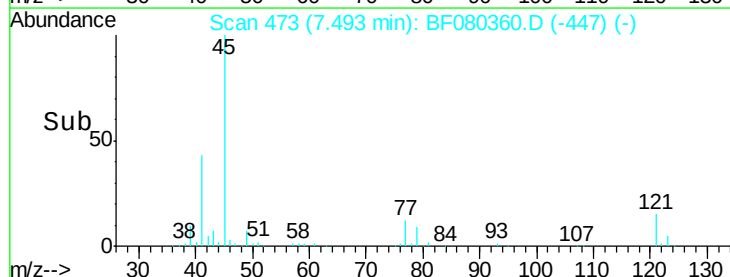
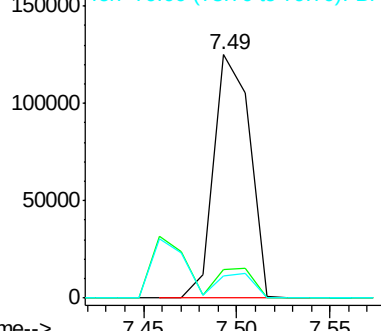
45 100

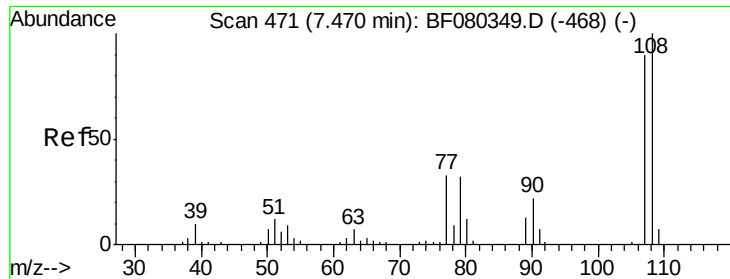
77 11.8 0.0 31.9

79 8.9 0.0 29.7



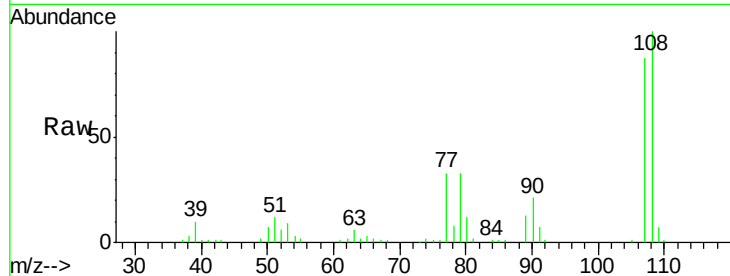
Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17
2-Methylphenol
Concen: 39.97 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF080360.D
Acq: 6 Jul 2015 22:51

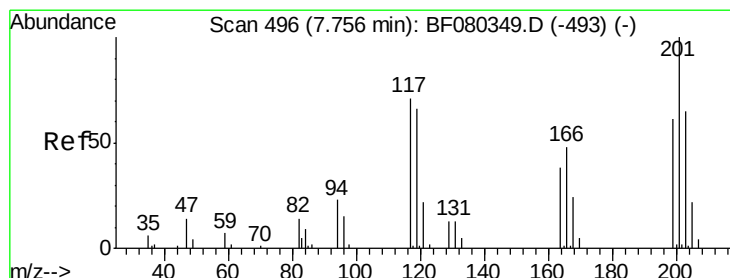
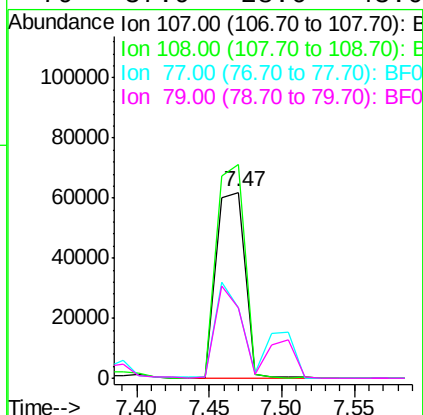
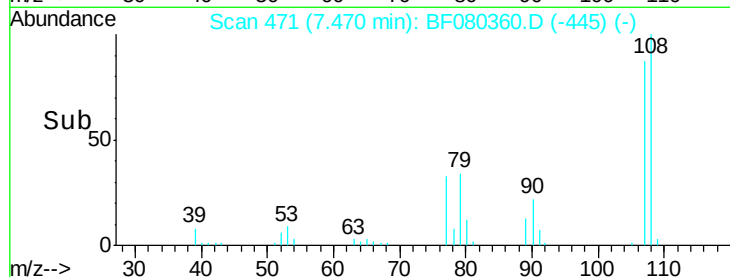
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	85443		
108	114.9	89.3	133.9	
77	38.1	29.5	44.3	
79	37.9	28.6	43.0	

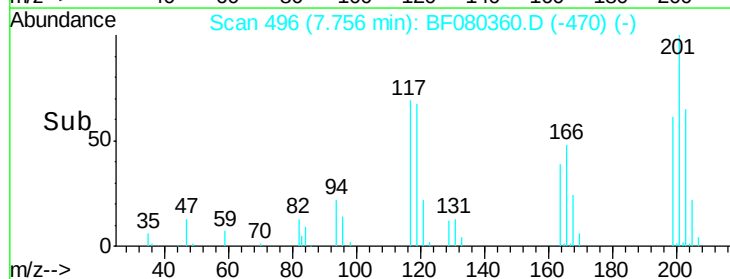
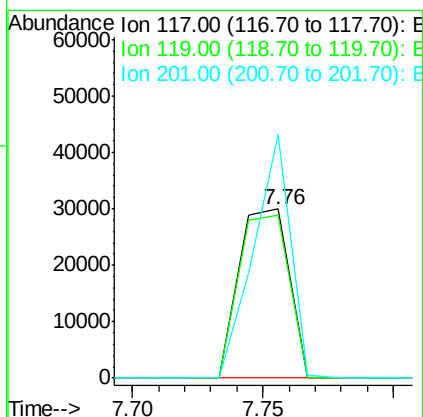
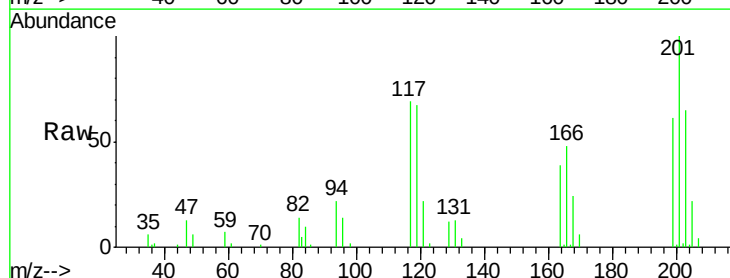
Manual Integrations
APPROVED

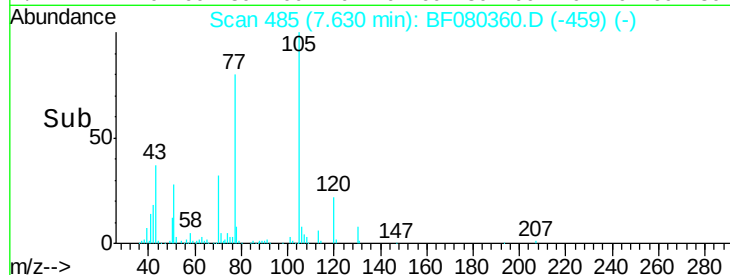
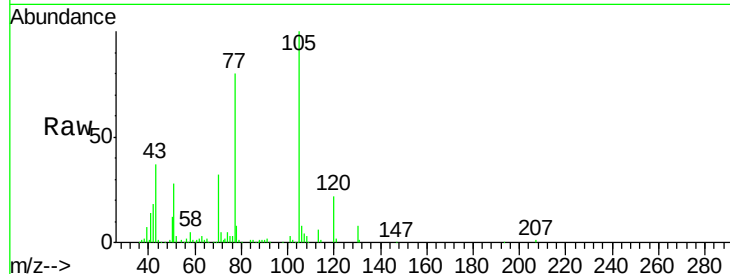
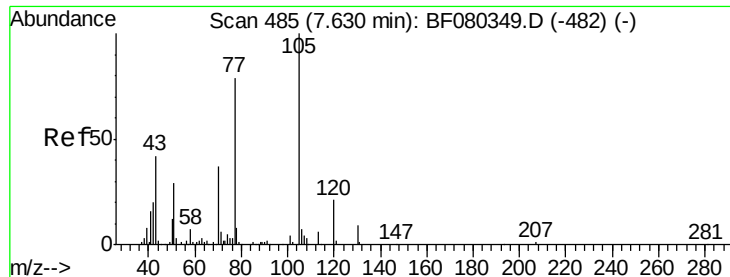
apatel
7/7/2015 4:26:15 PM



#18
Hexachloroethane
Concen: 39.79 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.00 min
Lab File: BF080360.D
Acq: 6 Jul 2015 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	40424		
119	96.4	74.2	111.4	
201	144.0	112.4	168.6	





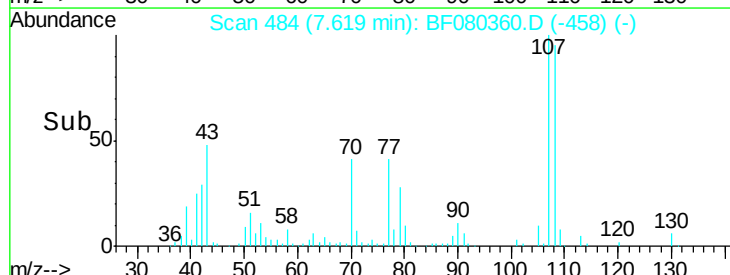
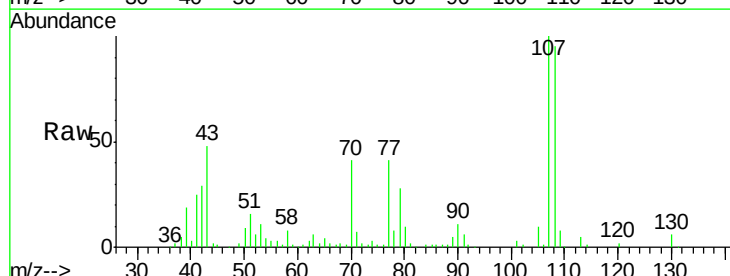
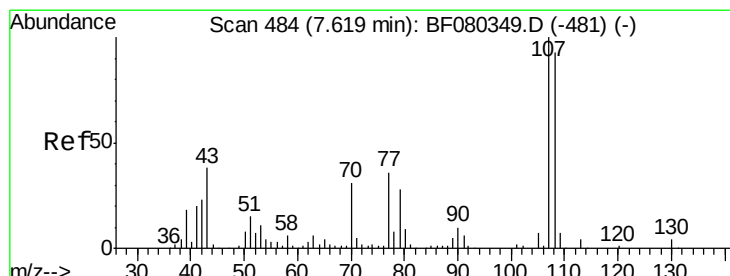
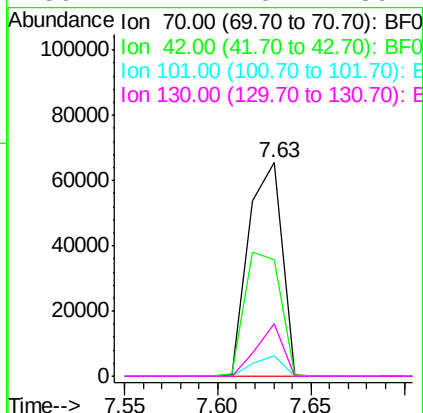
#19
n-Nitroso-di-n-propylamine
Concen: 40.22 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF080360.D
Acq: 6 Jul 2015 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

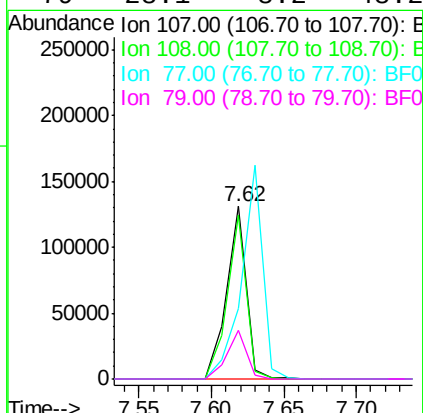
apatel
7/7/2015 4:26:15 PM

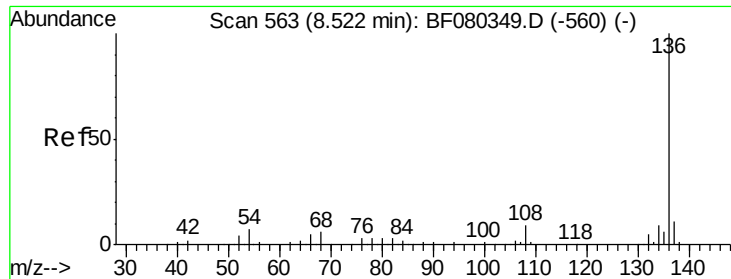
Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.7	43.0	64.6
101	9.7	8.3	12.5
130	24.4	20.2	30.2



#20
3+4-Methylphenols
Concen: 41.38 ng
RT: 7.62 min Scan# 484
Delta R.T. -0.00 min
Lab File: BF080360.D
Acq: 6 Jul 2015 22:51

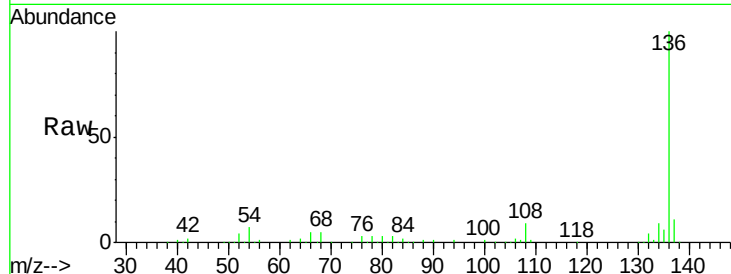
Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.0	73.4	113.4
77	40.6	16.4	56.4
79	28.1	8.2	48.2





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.52 min Scan# 563
Delta R.T. -0.00 min
Lab File: BF080360.D
Acq: 6 Jul 2015 22:51

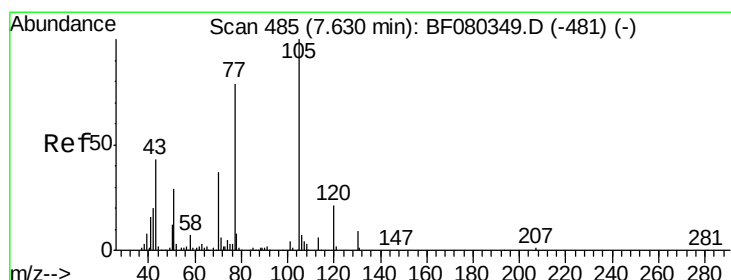
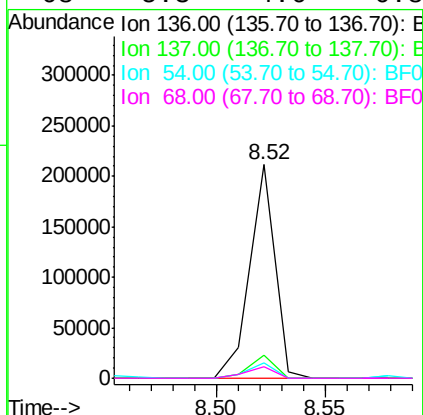
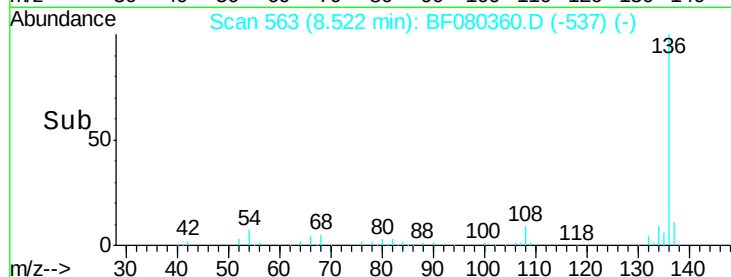
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



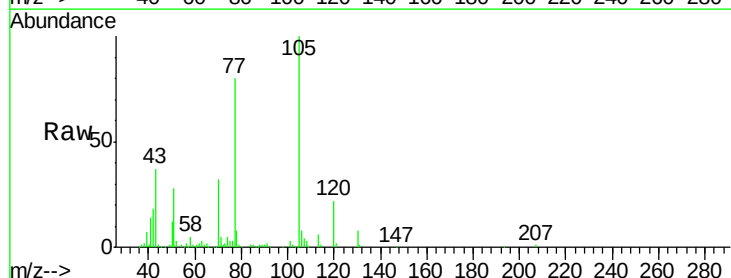
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	170425		
137	10.6	8.5	12.7	
54	7.1	5.8	8.8	
68	5.3	4.6	6.8	

Manual Integrations
APPROVED

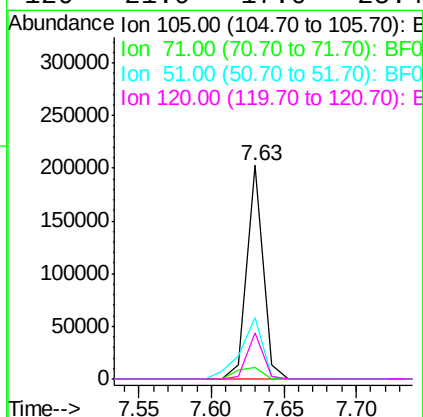
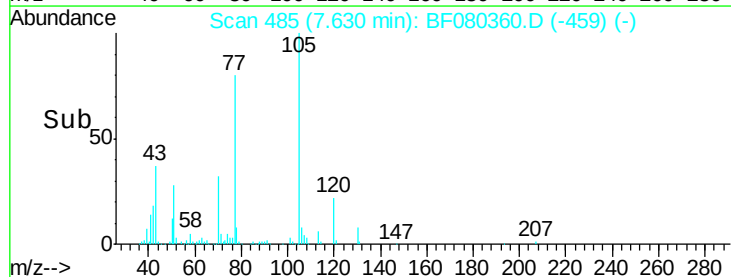
apatel
7/7/2015 4:26:15 PM

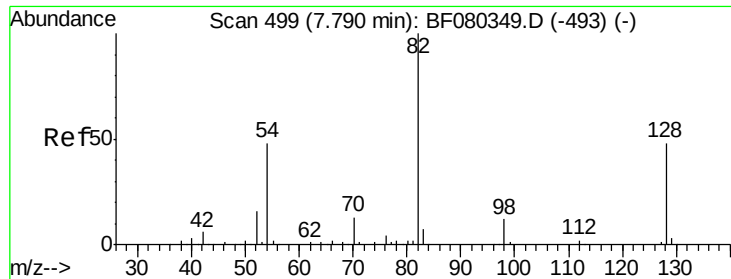


#22
Acetophenone
Concen: 40.21 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF080360.D
Acq: 6 Jul 2015 22:51



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	158116		
71	5.1	5.0	7.6	
51	28.5	23.2	34.8	
120	21.9	17.0	25.4	





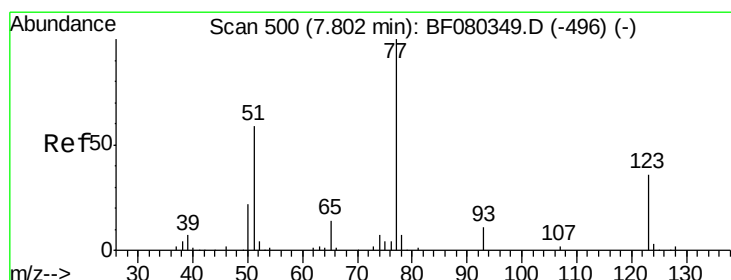
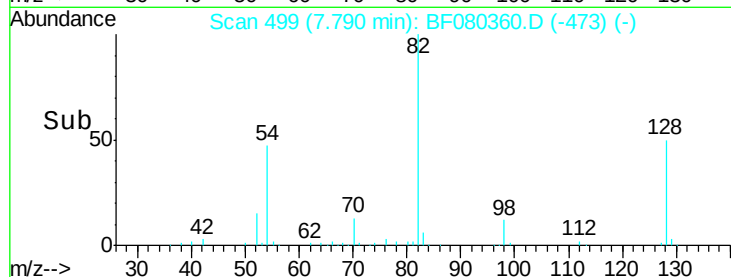
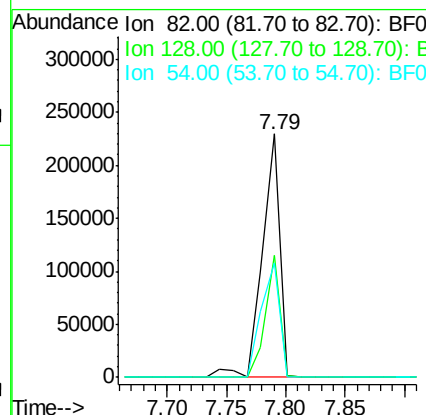
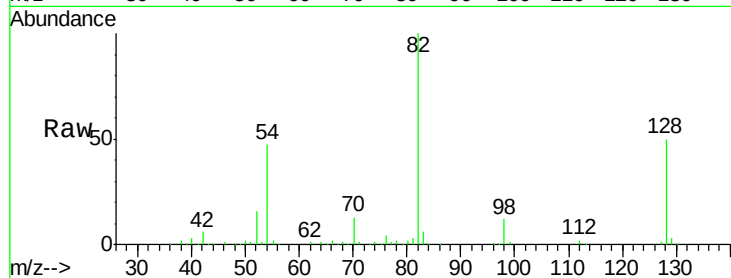
#23
 Nitrobenzene-d5
 Concen: 81.11 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF080360.D
 Acq: 6 Jul 2015 22:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
82	100		
128	50.0	38.4	57.6
54	47.2	38.2	57.2

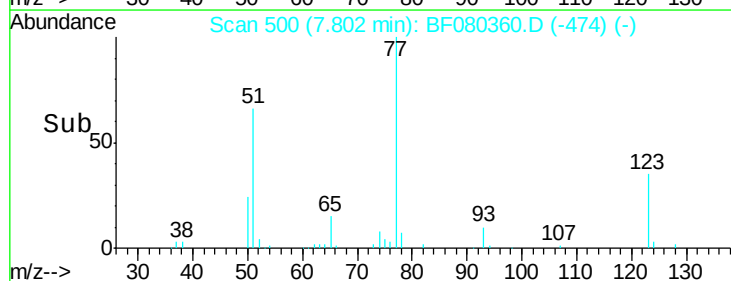
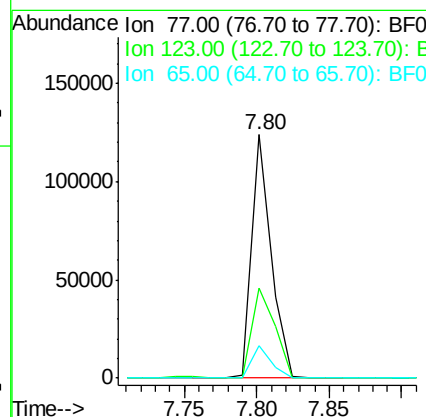
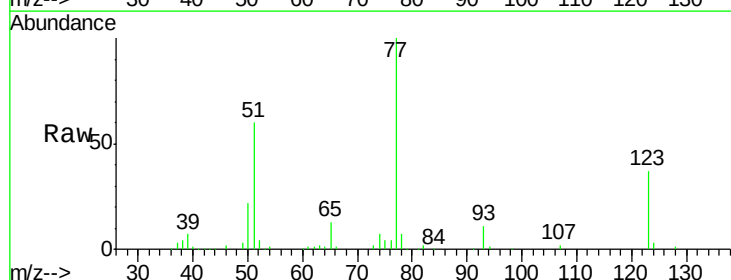
Manual Integrations
 APPROVED

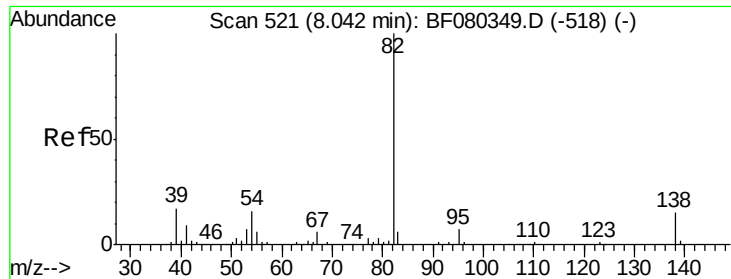
apatel
 7/7/2015 4:26:15 PM



#24
 Nitrobenzene
 Concen: 39.33 ng
 RT: 7.80 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: BF080360.D
 Acq: 6 Jul 2015 22:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.8	29.6	44.4
65	13.5	11.1	16.7





#25

Isophorone

Concen: 40.62 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF080360.D

Acq: 6 Jul 2015 22:51

Instrument :

BNA_F

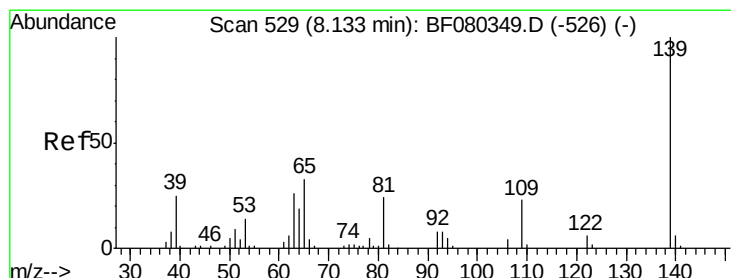
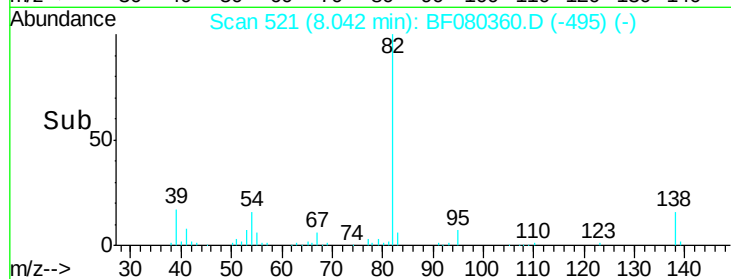
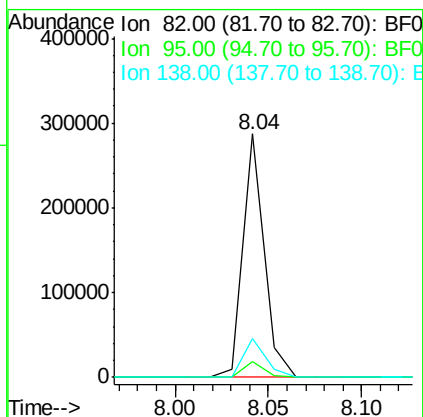
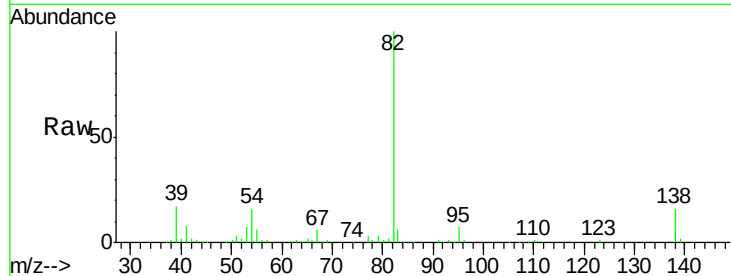
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	82	Resp:	228436
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.2	7.8
138	15.8	12.0	18.0

Manual Integrations
APPROVED

apatel
7/7/2015 4:26:15 PM



#26

2-Nitrophenol

Concen: 40.85 ng

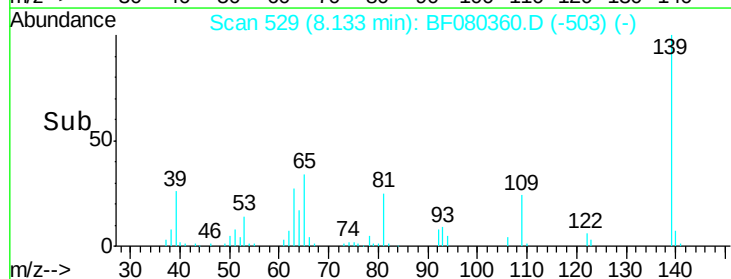
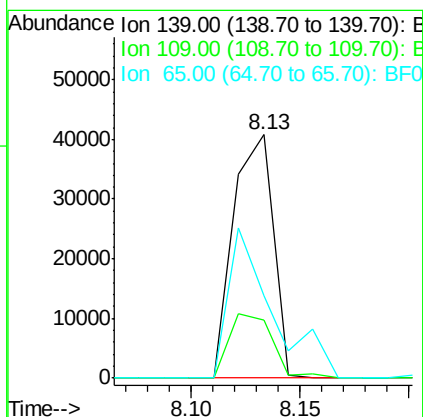
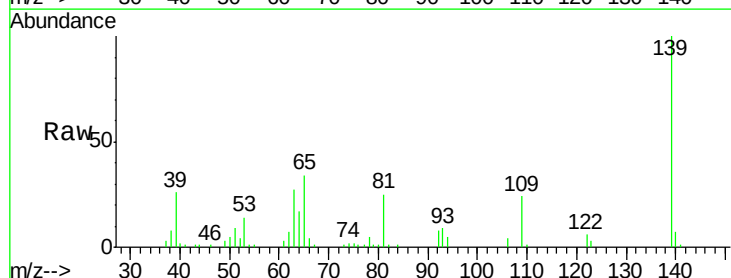
RT: 8.13 min Scan# 529

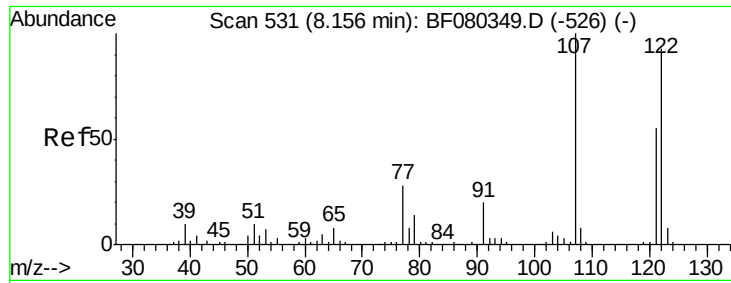
Delta R.T. -0.00 min

Lab File: BF080360.D

Acq: 6 Jul 2015 22:51

Tgt Ion:	139	Resp:	51890
Ion Ratio		Lower	Upper
139	100		
109	23.6	18.4	27.6
65	33.7	26.7	40.1





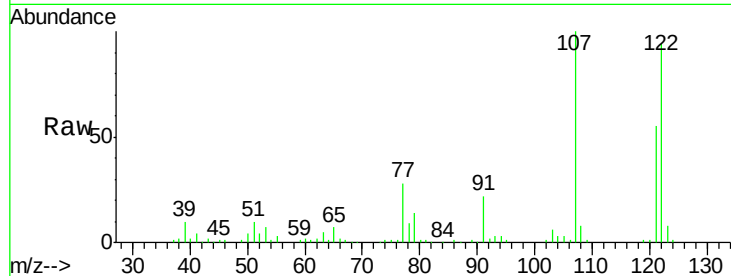
#27
 2,4-Dimethylphenol
 Concen: 39.51 ng
 RT: 8.16 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: BF080360.D
 Acq: 6 Jul 2015 22:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	98728		
107	106.2	85.8	128.6	
121	58.1	46.9	70.3	

Manual Integrations
 APPROVED

apatel
 7/7/2015 4:26:15 PM

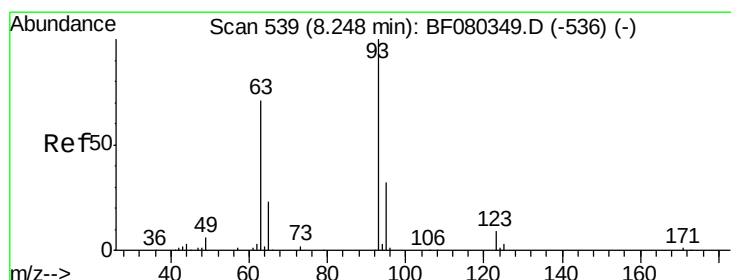
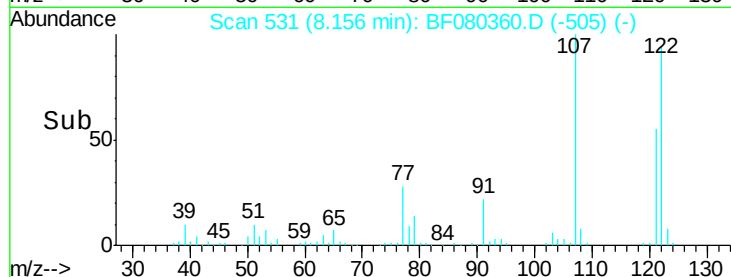
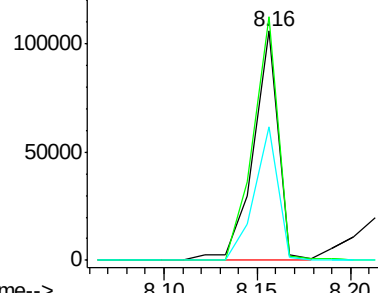


Abundance

Ion 122.00 (121.70 to 122.70): E

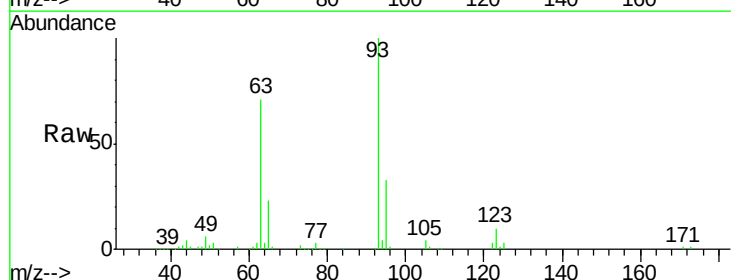
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.62 ng
 RT: 8.25 min Scan# 539
 Delta R.T. -0.00 min
 Lab File: BF080360.D
 Acq: 6 Jul 2015 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	138402		
95	33.2	25.3	37.9	
123	10.0	7.8	11.6	

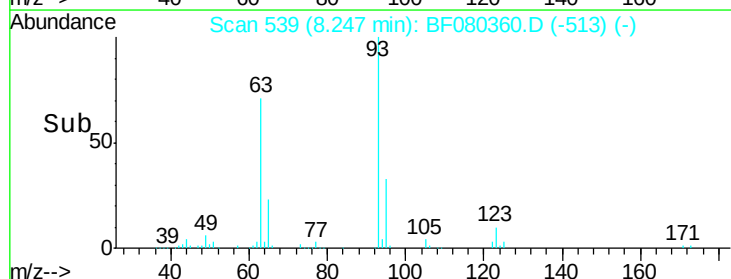
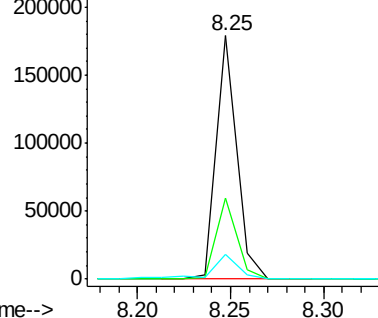


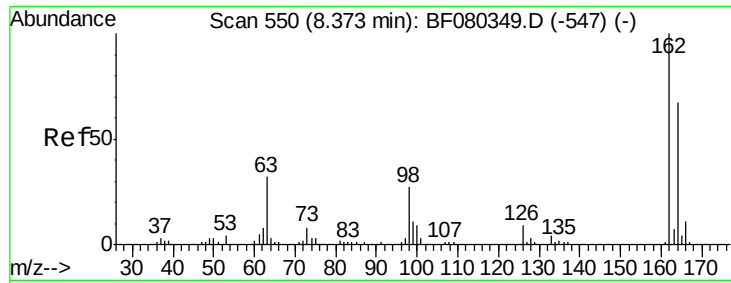
Abundance

Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





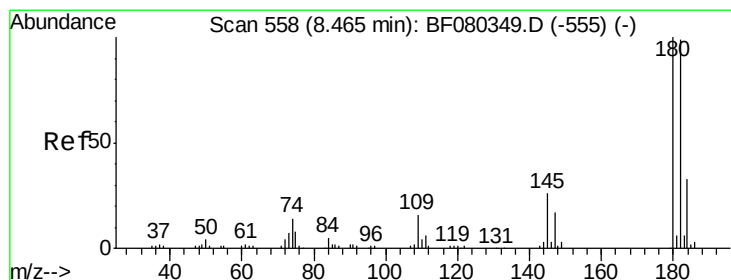
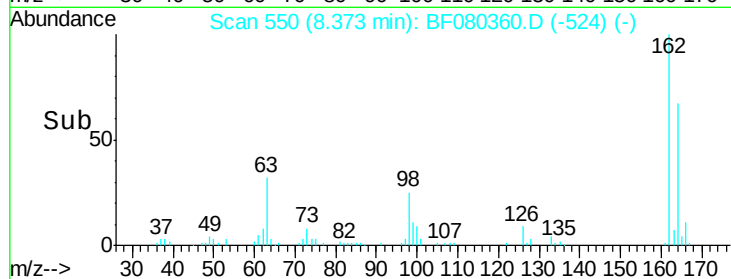
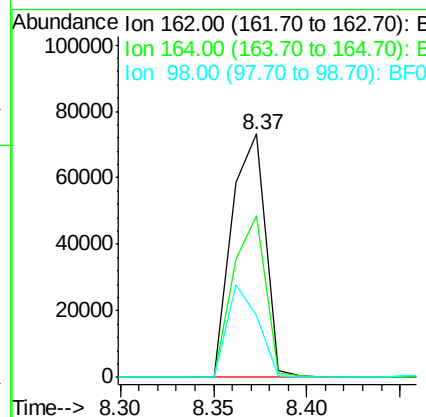
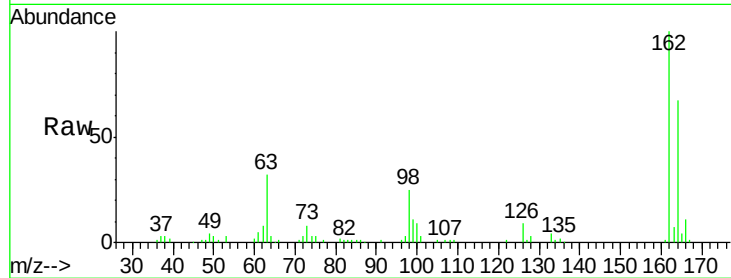
#29
 2,4-Dichlorophenol
 Concen: 41.53 ng
 RT: 8.37 min Scan# 550
 Delta R.T. -0.00 min
 Lab File: BF080360.D
 Acq: 6 Jul 2015 22:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.5	47.0	87.0
98	25.5	6.6	46.6

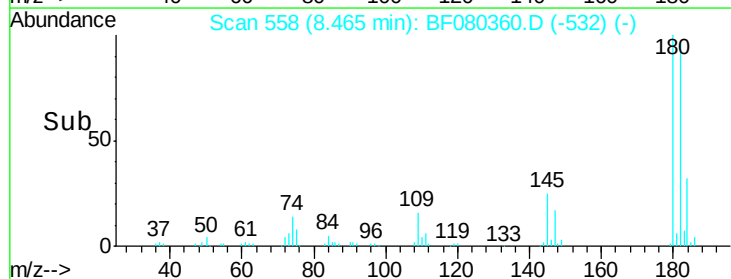
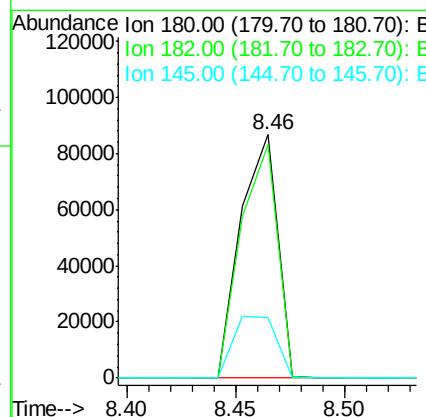
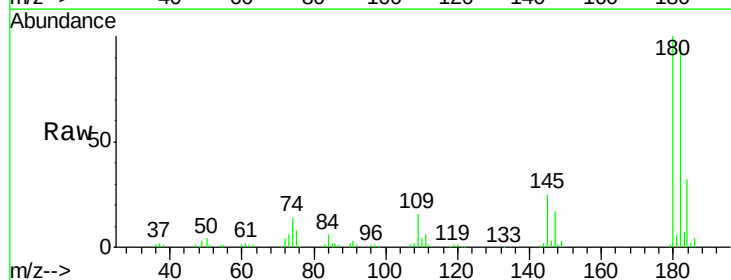
Manual Integrations
 APPROVED

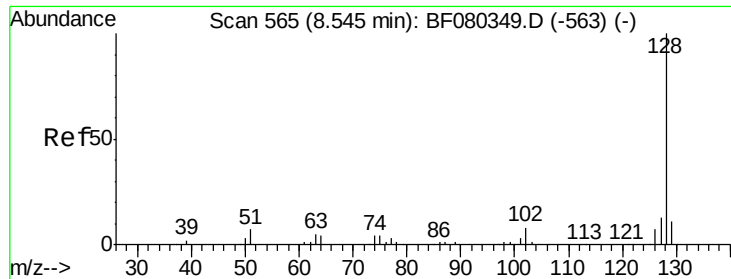
apatel
 7/7/2015 4:26:15 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.71 ng
 RT: 8.46 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF080360.D
 Acq: 6 Jul 2015 22:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	79.0	118.4
145	24.6	20.5	30.7





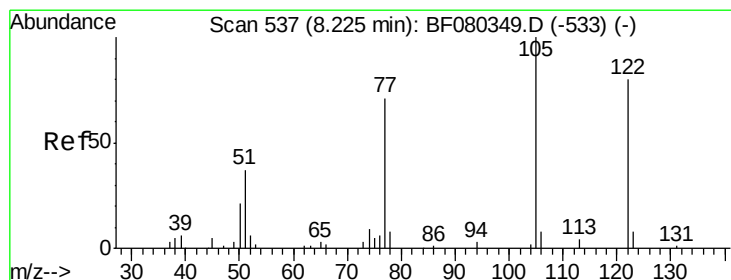
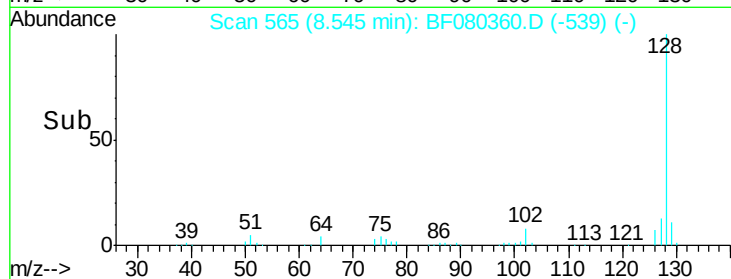
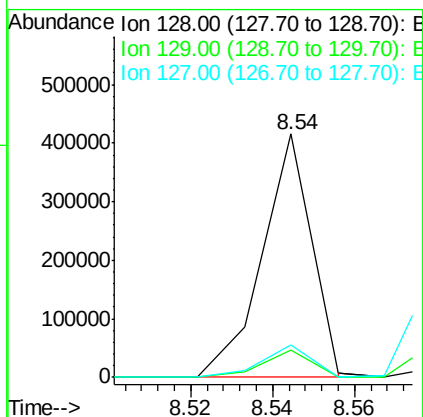
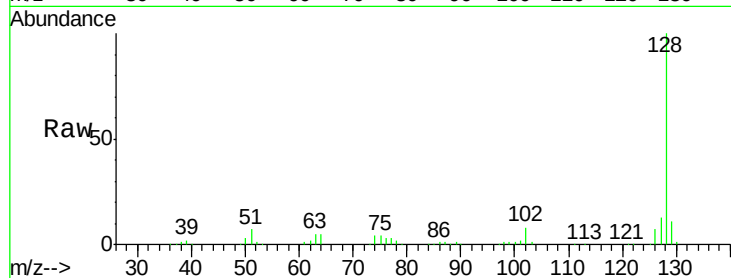
#31
Naphthalene
Concen: 39.89 ng m
RT: 8.54 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF080360.D
Acq: 6 Jul 2015 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	348669		
129	11.2	8.8	13.2	
127	13.3	10.4	15.6	

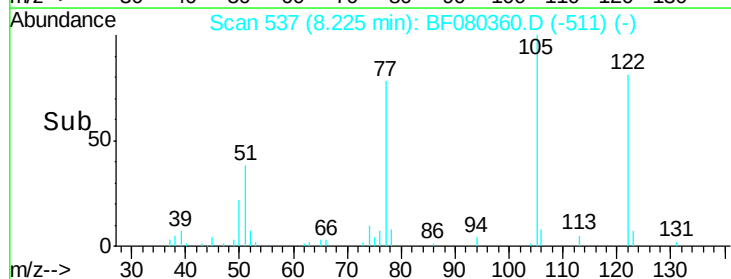
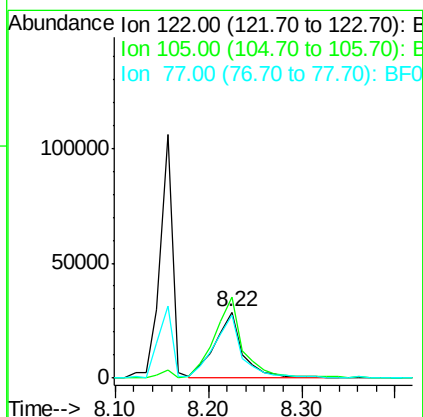
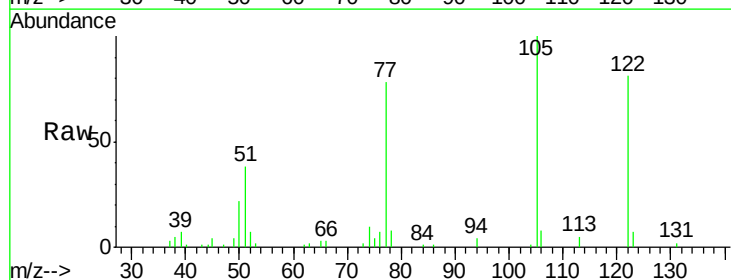
Manual Integrations
APPROVED

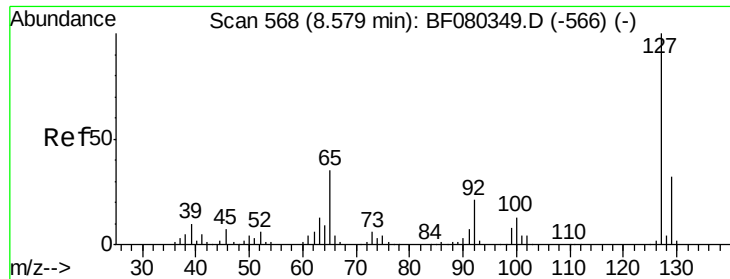
apatel
7/7/2015 4:26:15 PM



#32
Benzoic acid
Concen: 44.65 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF080360.D
Acq: 6 Jul 2015 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	58423		
105	123.8	102.2	142.2	
77	96.6	68.8	108.8	





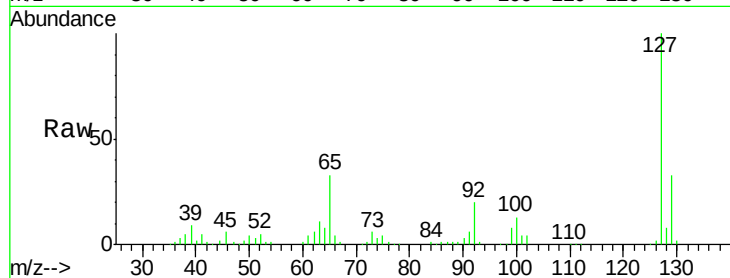
#33
4-Chloroaniline
Concen: 40.37 ng m
RT: 8.58 min Scan# 568
Delta R.T. -0.00 min
Lab File: BF080360.D
Acq: 6 Jul 2015 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

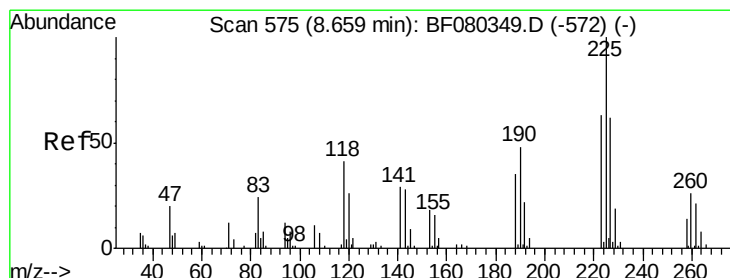
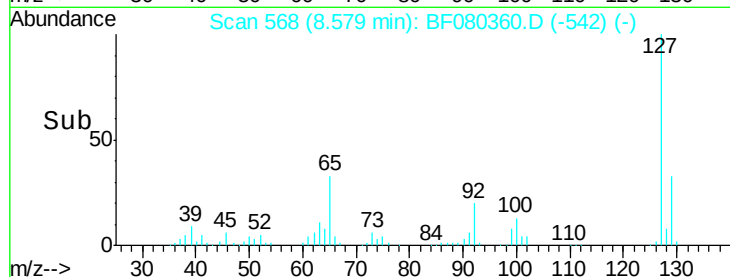
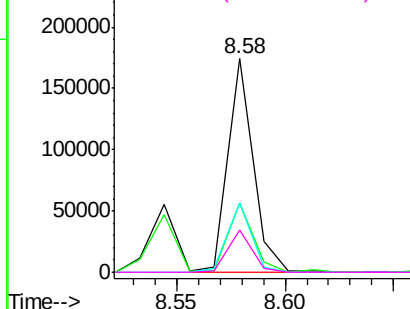
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	140684		
129	32.5	26.2	39.2	
65	32.6	28.1	42.1	
92	19.8	16.6	24.8	

Manual Integrations
APPROVED

apatel
7/7/2015 4:26:15 PM

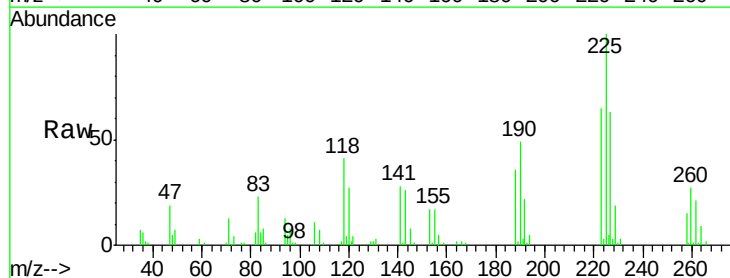


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

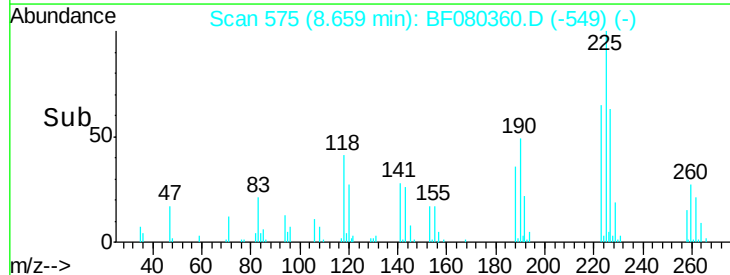
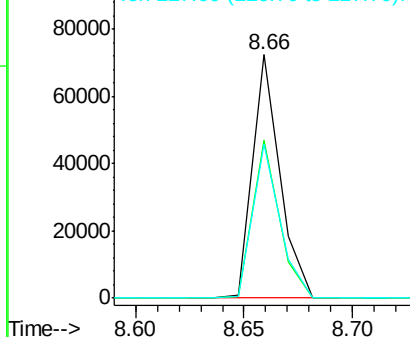


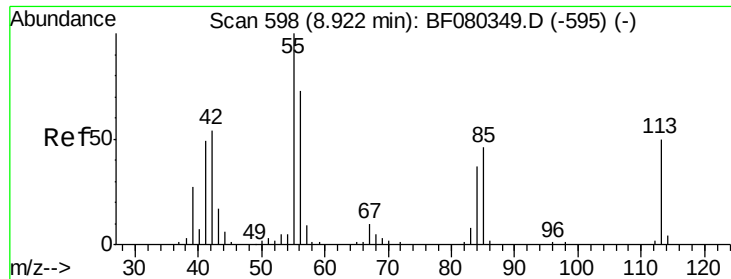
#34
Hexachlorobutadiene
Concen: 39.18 ng
RT: 8.66 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF080360.D
Acq: 6 Jul 2015 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	62851		
223	64.7	50.3	75.5	
227	63.4	49.4	74.2	



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: 40.05 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF080360.D

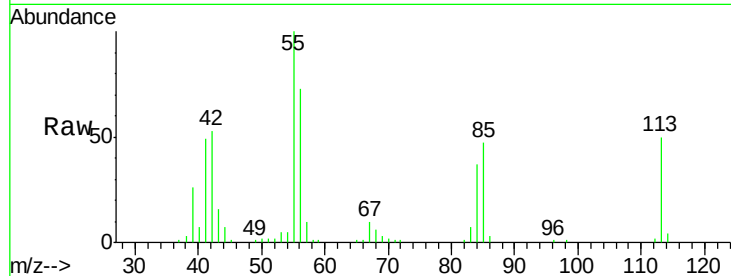
Acq: 6 Jul 2015 22:51

Instrument :

BNA_F

ClientSampleId :

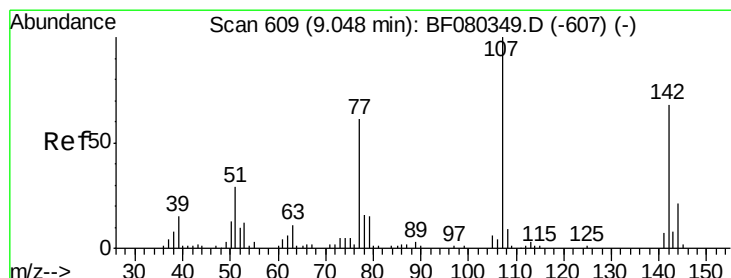
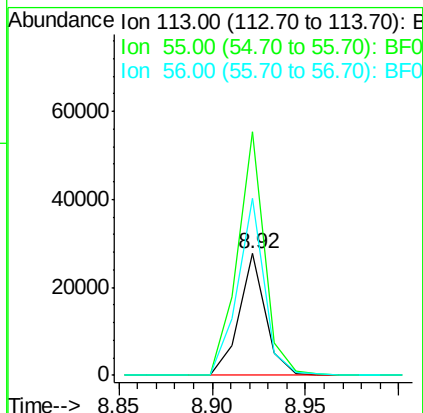
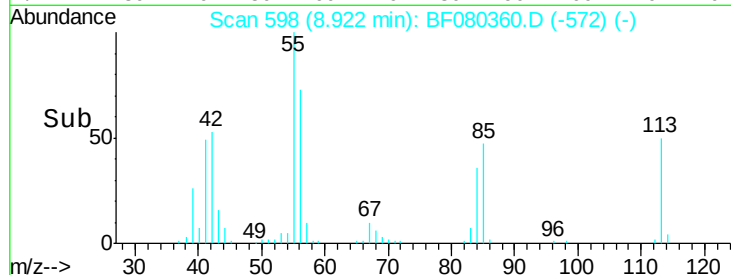
SSTDCCC040EC



Tgt Ion:	113	Resp:	27446
Ion	Ratio	Lower	Upper
113	100		
55	200.3	181.4	221.4
56	145.4	127.3	167.3

Manual Integrations
APPROVED

apatel
7/7/2015 4:26:15 PM



#36

4-Chloro-3-methylphenol

Concen: 38.85 ng

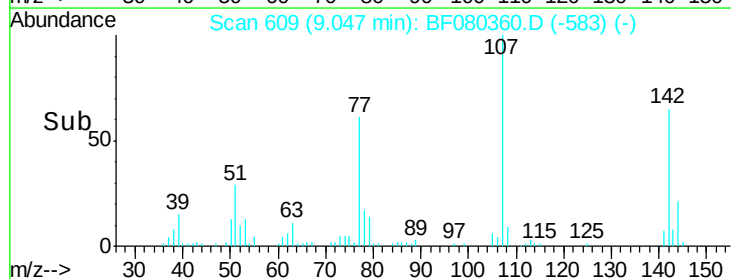
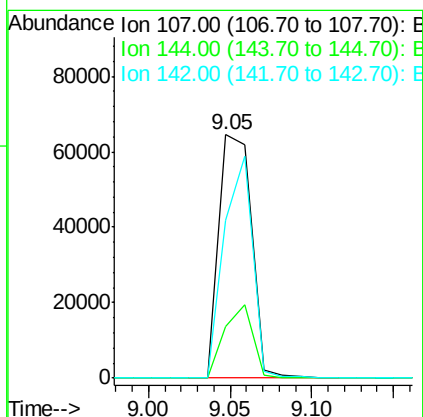
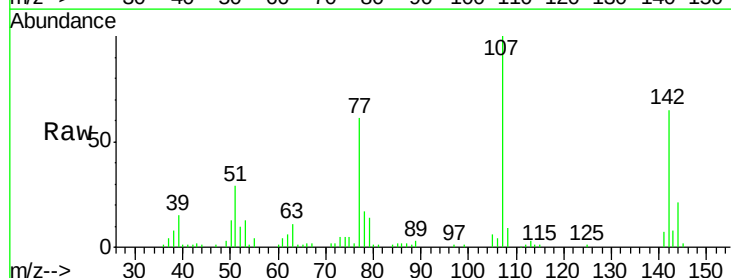
RT: 9.05 min Scan# 609

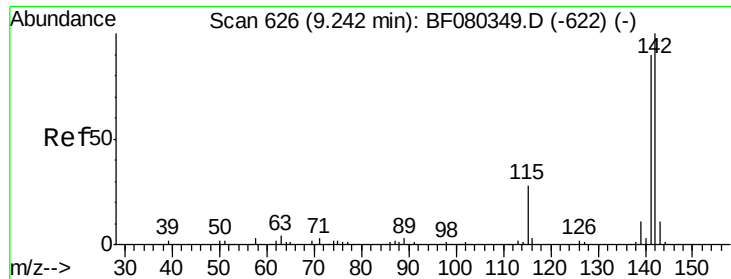
Delta R.T. -0.00 min

Lab File: BF080360.D

Acq: 6 Jul 2015 22:51

Tgt Ion:	107	Resp:	88940
Ion	Ratio	Lower	Upper
107	100		
144	21.2	16.7	25.1
142	65.0	54.4	81.6





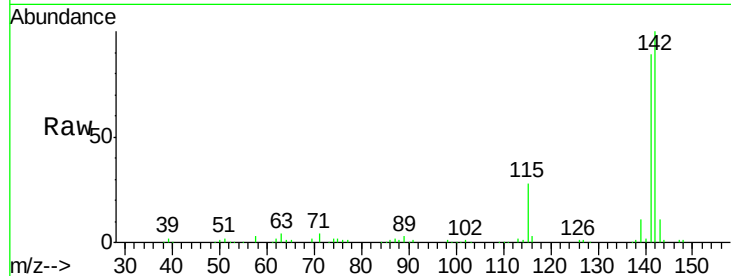
#37
2-Methylnaphthalene
Concen: 39.26 ng
RT: 9.24 min Scan# 626
Delta R.T. -0.00 min
Lab File: BF080360.D
Acq: 6 Jul 2015 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

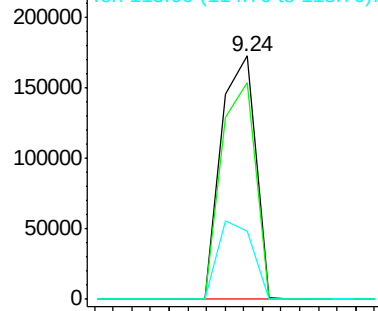
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	218811		
141	88.9	71.8	107.8	
115	28.1	22.6	34.0	

Manual Integrations
APPROVED

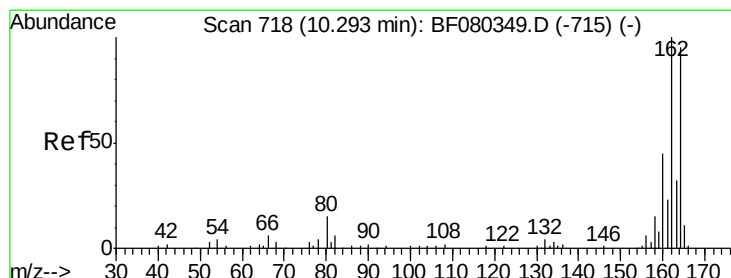
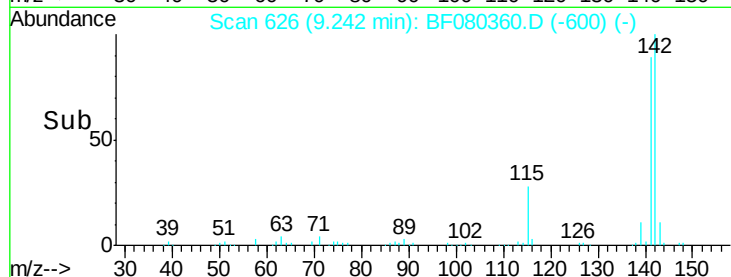
apatel
7/7/2015 4:26:15 PM



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

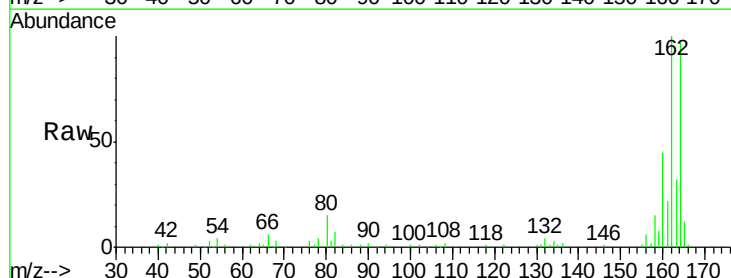


Time-->

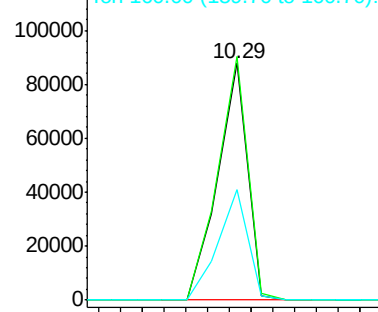


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.29 min Scan# 718
Delta R.T. -0.00 min
Lab File: BF080360.D
Acq: 6 Jul 2015 22:51

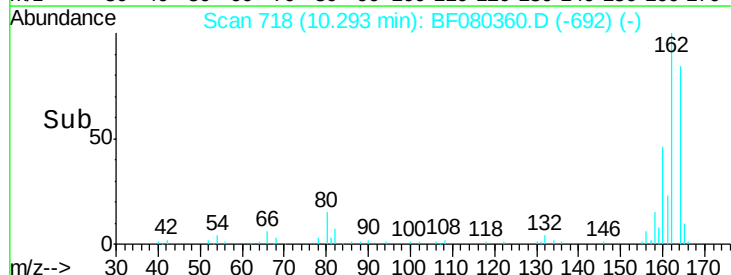
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	83072		
162	102.8	84.5	126.7	
160	46.6	37.7	56.5	

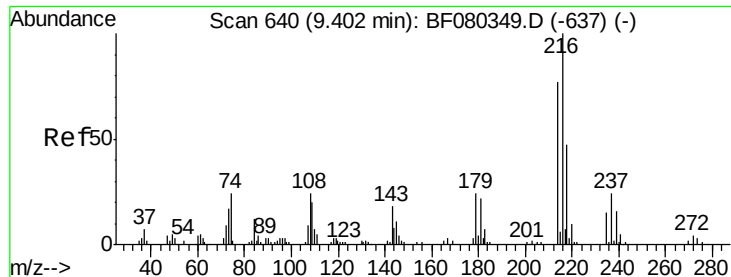


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



Time-->





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.85 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF080360.D

Acq: 6 Jul 2015 22:51

Instrument :

BNA_F

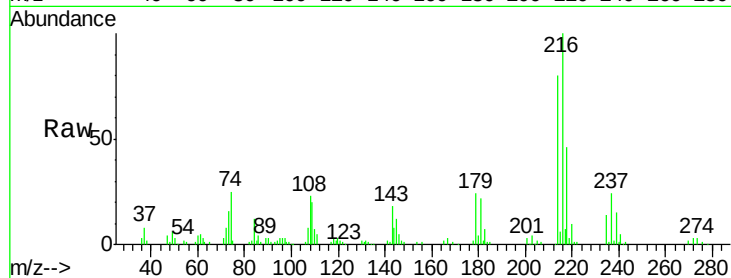
ClientSampleId :

SSTDCCC040EC

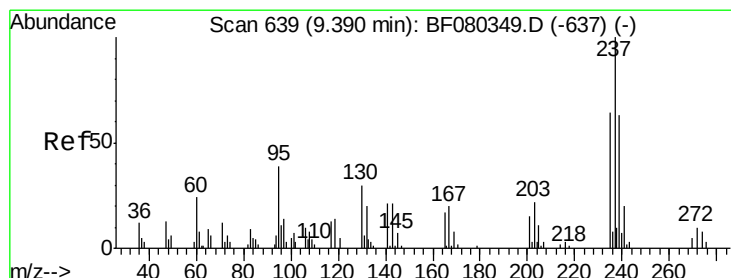
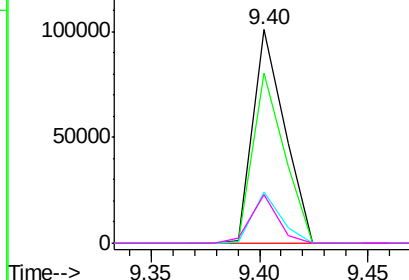
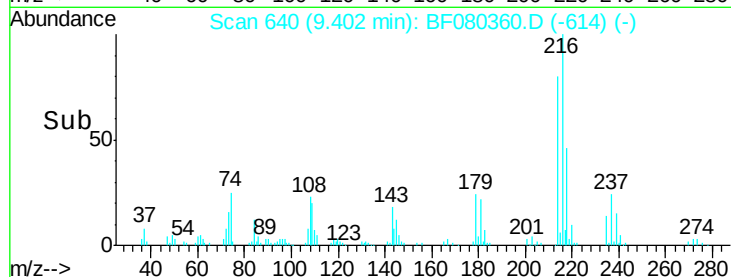
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	102288		
214	78.6	61.2	91.8	
179	21.3	16.9	25.3	
108	19.7	16.2	24.4	

Manual Integrations
APPROVED

apatel
7/7/2015 4:26:15 PM



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 37.57 ng

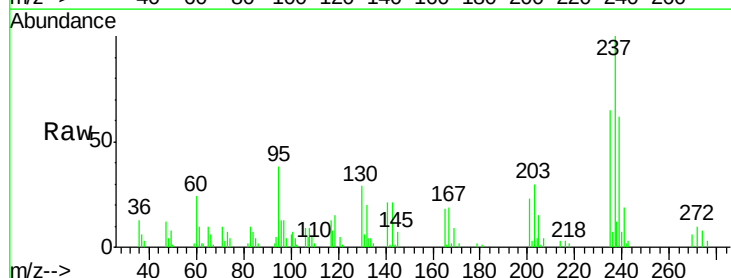
RT: 9.39 min Scan# 639

Delta R.T. 0.00 min

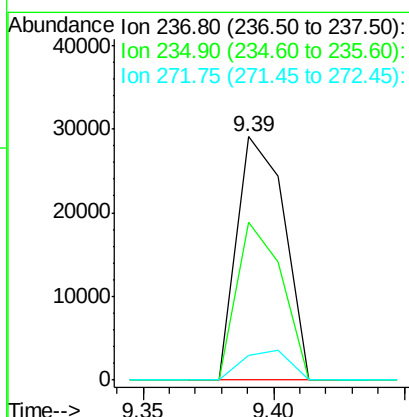
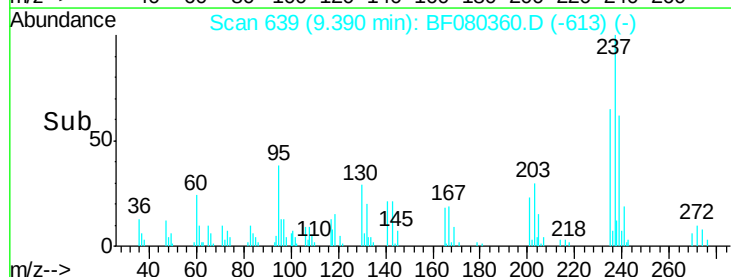
Lab File: BF080360.D

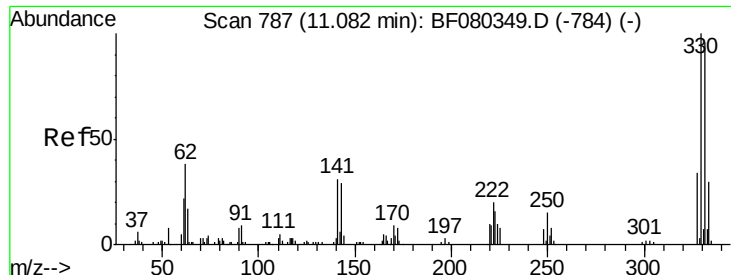
Acq: 6 Jul 2015 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	36622		
235	64.6	44.2	84.2	
272	10.1	0.0	29.7	



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





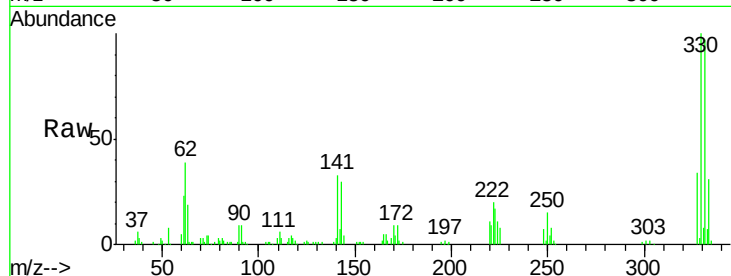
#41
 2,4,6-Tribromophenol
 Concen: 81.12 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF080360.D
 Acq: 6 Jul 2015 22:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

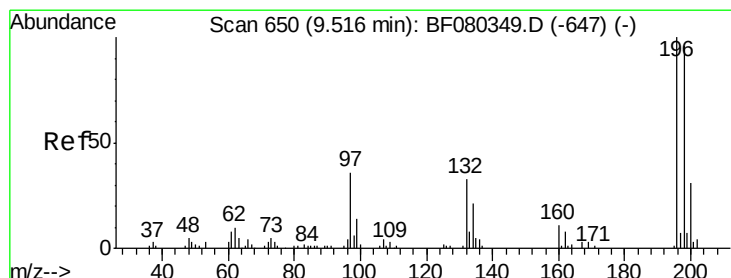
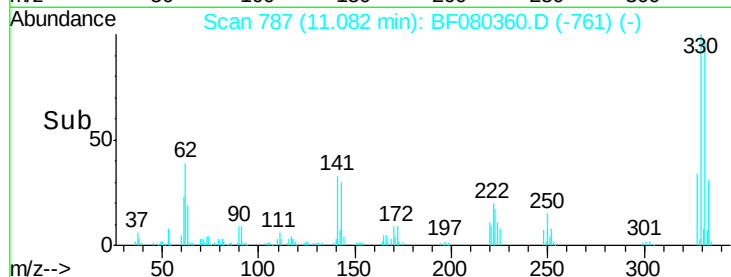
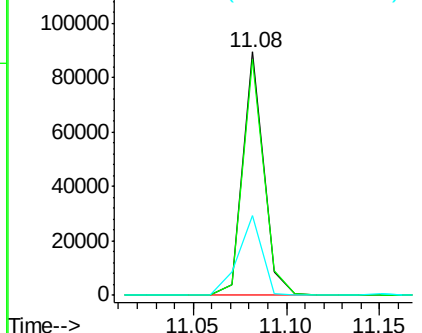
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.4
141	37.6	29.6	44.4

Manual Integrations
 APPROVED

apatel
 7/7/2015 4:26:15 PM

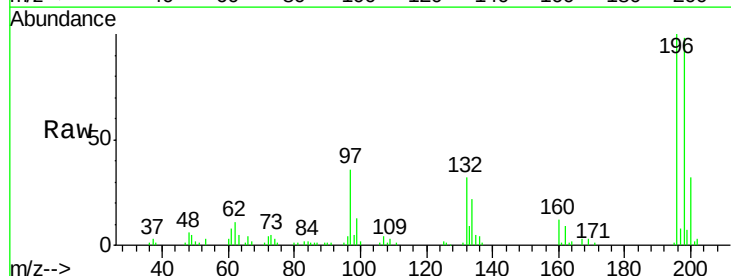


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

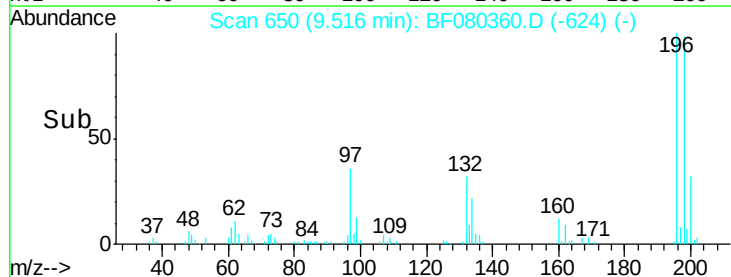
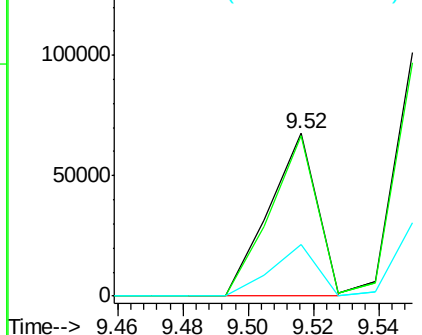


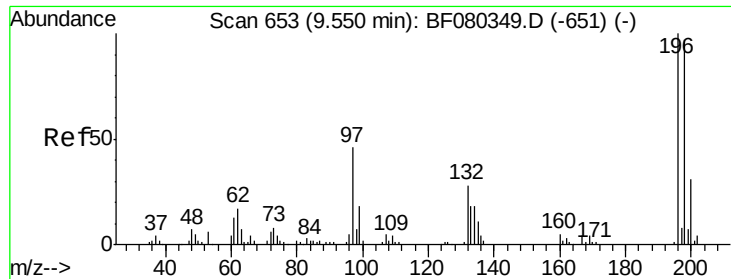
#42
 2,4,6-Trichlorophenol
 Concen: 39.79 ng
 RT: 9.52 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: BF080360.D
 Acq: 6 Jul 2015 22:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.5	76.4	114.6
200	31.9	24.6	37.0



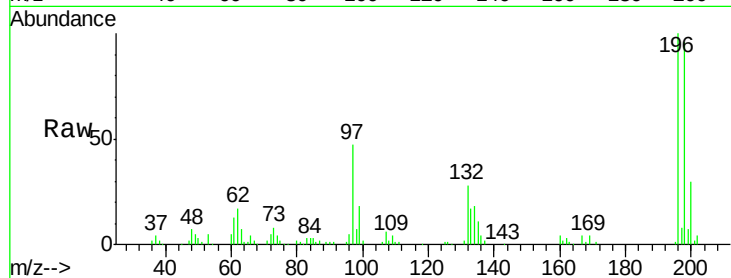
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 40.08 ng
 RT: 9.55 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF080360.D
 Acq: 6 Jul 2015 22:51

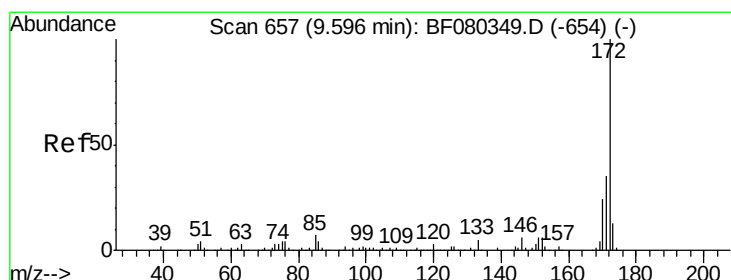
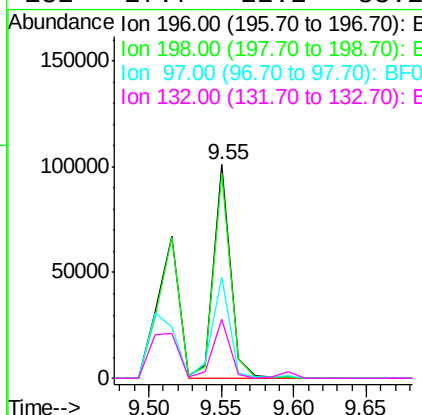
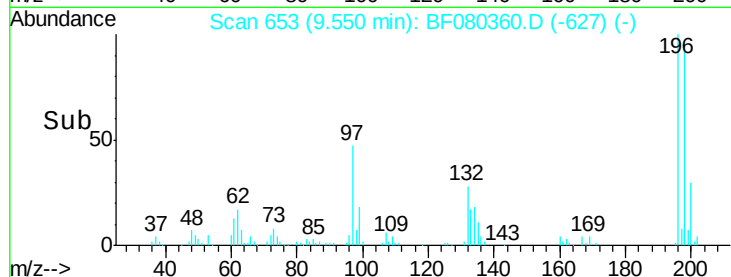
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	81016		
198	95.7	77.2	115.8	
97	47.3	37.0	55.6	
132	27.7	22.2	33.2	

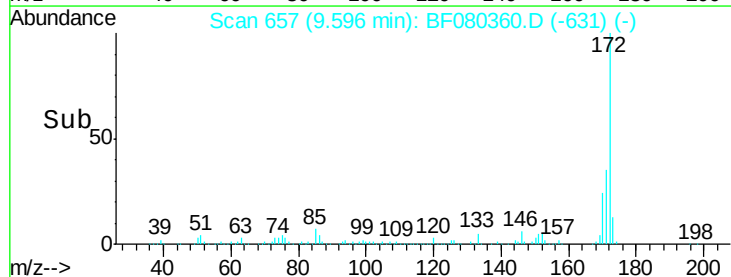
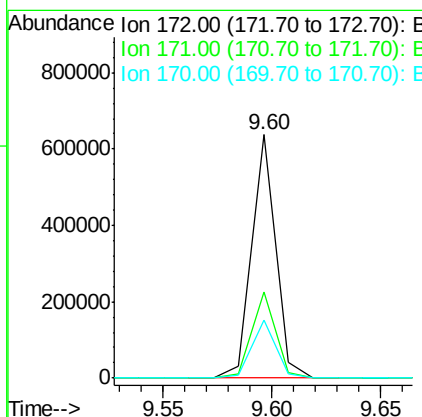
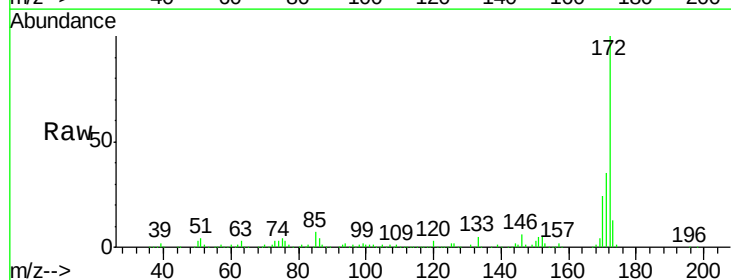
Manual Integrations
 APPROVED

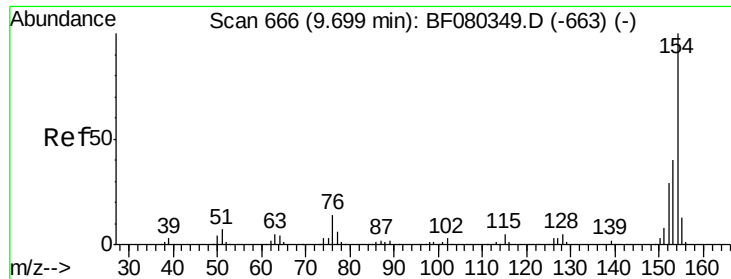
apatel
 7/7/2015 4:26:15 PM



#44
 2-Fluorobiphenyl
 Concen: 79.18 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: BF080360.D
 Acq: 6 Jul 2015 22:51

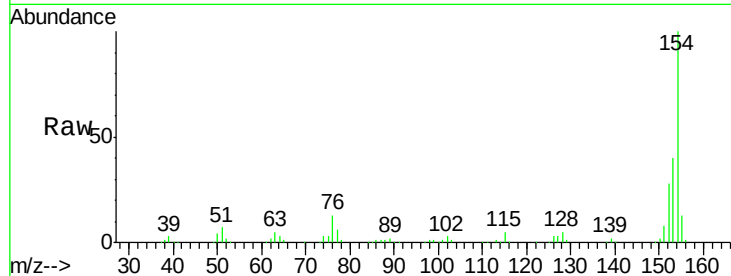
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	487414		
171	35.4	28.3	42.5	
170	23.9	19.1	28.7	





#45
 1,1'-Biphenyl
 Concen: 39.39 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: BF080360.D
 Acq: 6 Jul 2015 22:51

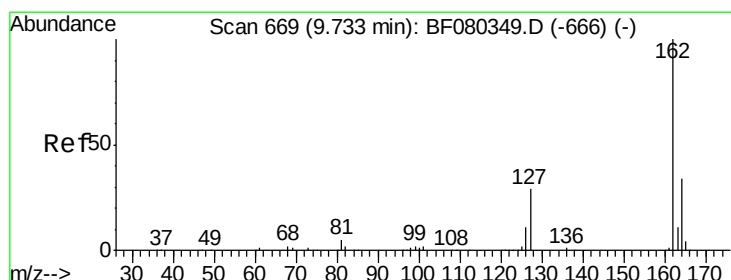
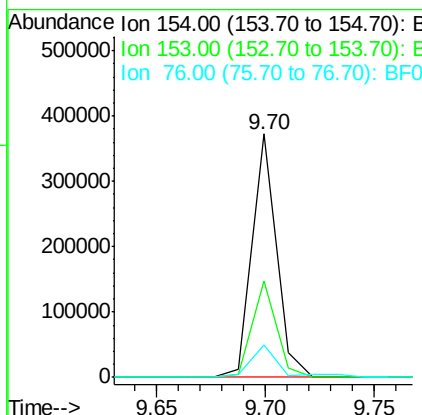
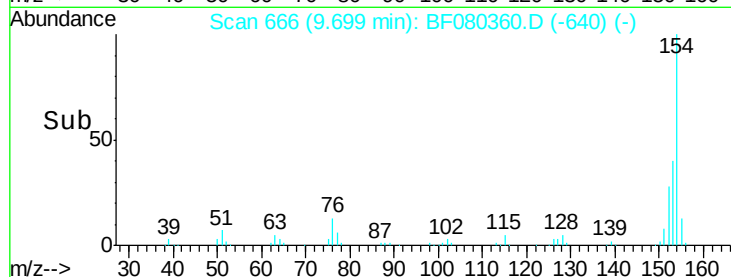
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	39.7	19.8	59.8
76	13.5	0.0	33.6

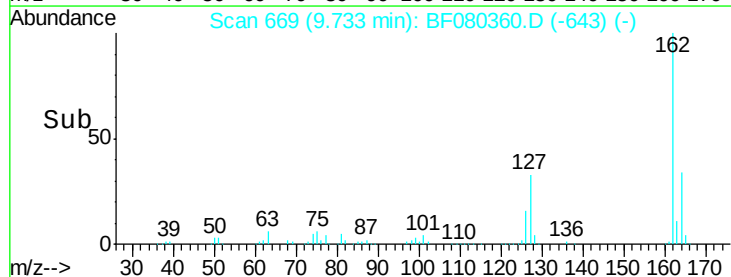
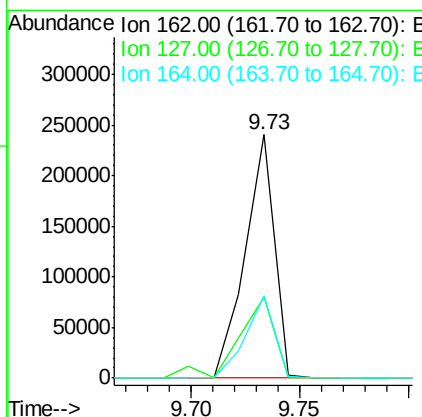
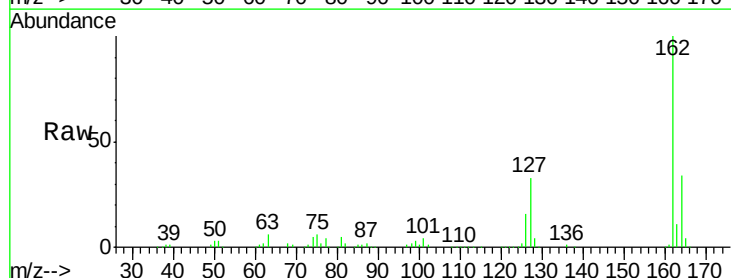
Manual Integrations
 APPROVED

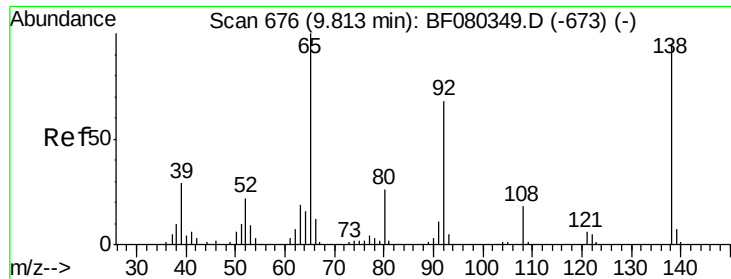
apatel
 7/7/2015 4:26:15 PM



#46
 2-Chloronaphthalene
 Concen: 39.82 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: BF080360.D
 Acq: 6 Jul 2015 22:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	33.4	27.3	40.9
164	33.6	27.2	40.8





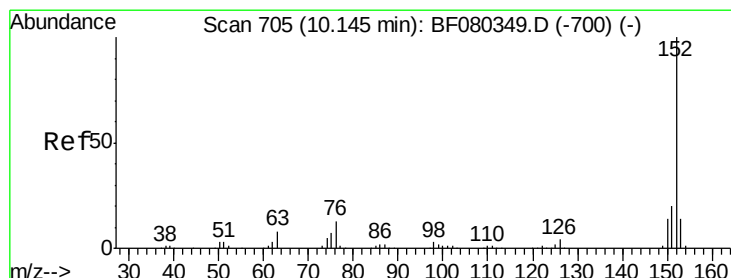
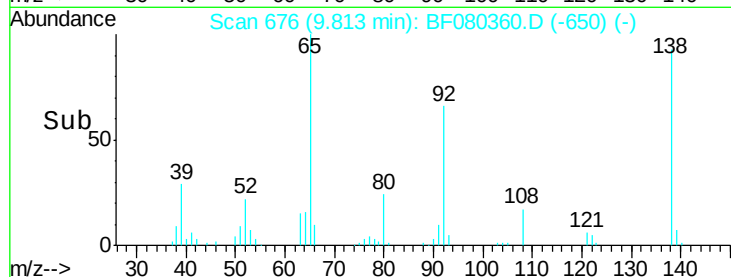
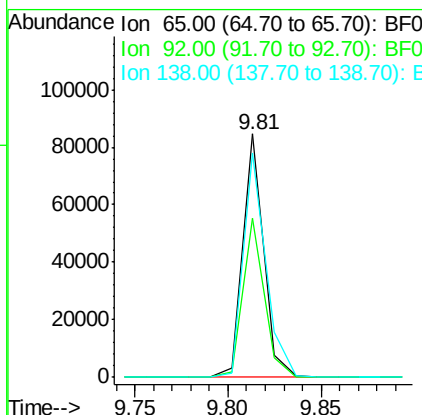
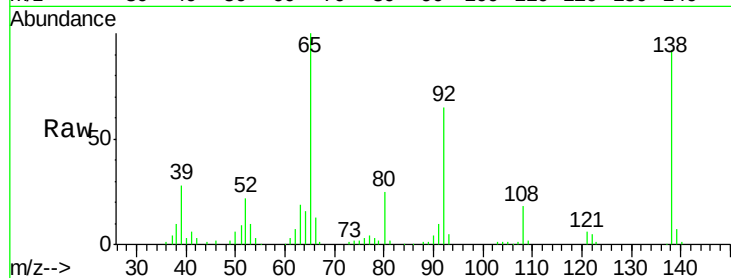
#47
2-Nitroaniline
Concen: 41.81 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF080360.D
Acq: 6 Jul 2015 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 65 Resp: 65779
Ion Ratio Lower Upper
65 100
92 65.5 54.2 81.2
138 92.4 76.1 114.1

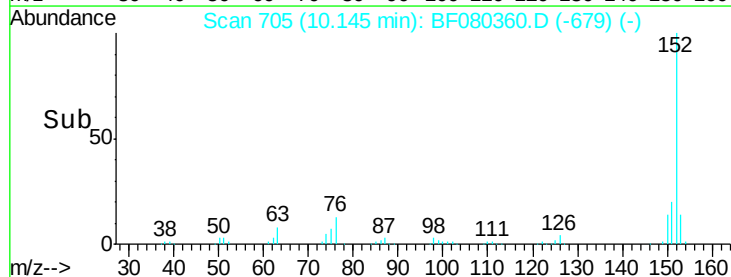
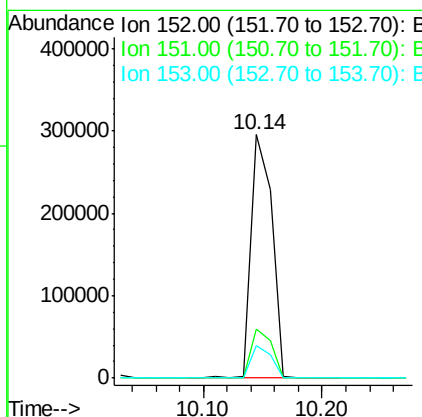
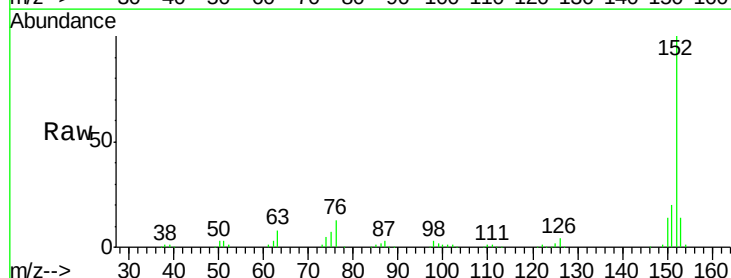
Manual Integrations
APPROVED

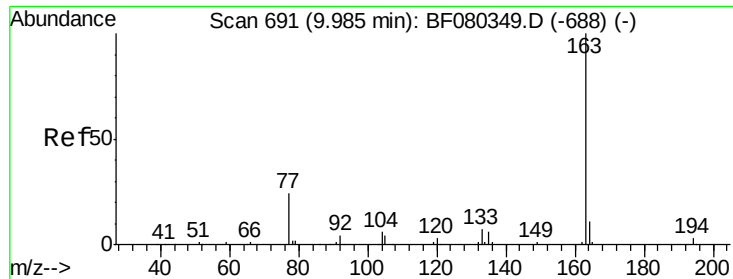
apatel
7/7/2015 4:26:15 PM



#48
Acenaphthylene
Concen: 38.93 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF080360.D
Acq: 6 Jul 2015 22:51

Tgt Ion: 152 Resp: 364316
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 13.5 11.0 16.4





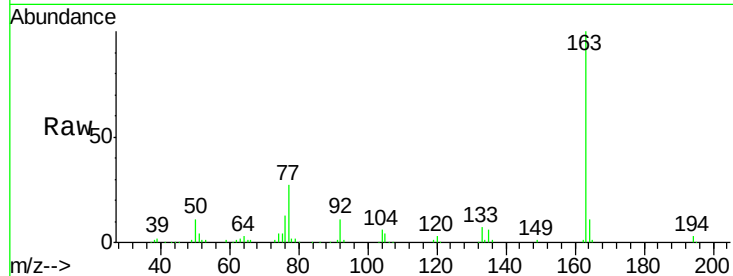
#49
Dimethylphthalate
Concen: 36.28 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF080360.D
Acq: 6 Jul 2015 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

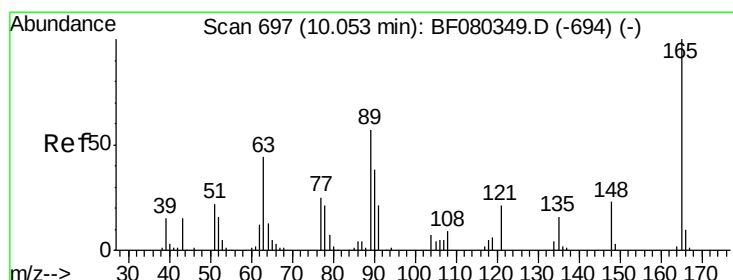
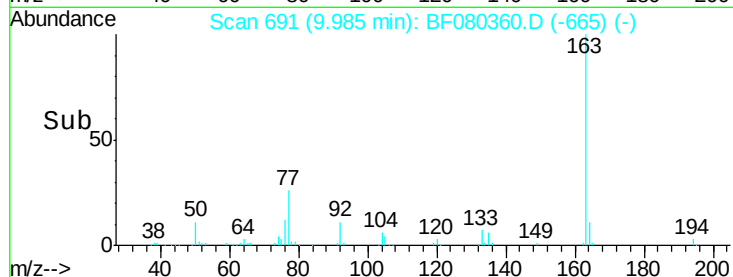
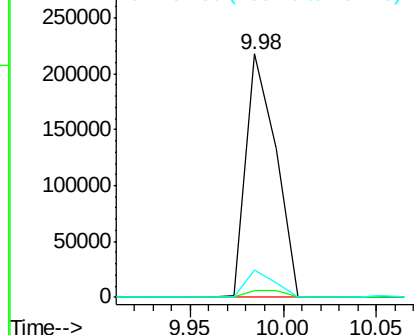
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	241964		
194	3.0	2.6	3.8	
164	11.0	8.5	12.7	

Manual Integrations
APPROVED

apatel
7/7/2015 4:26:15 PM

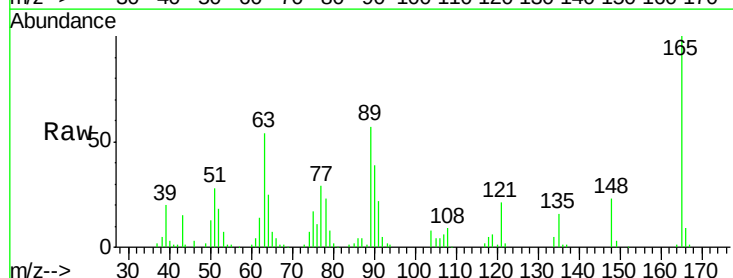


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

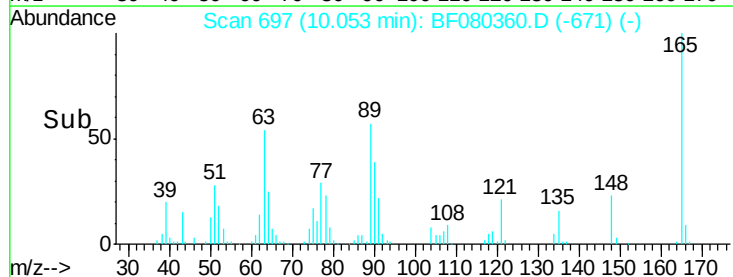
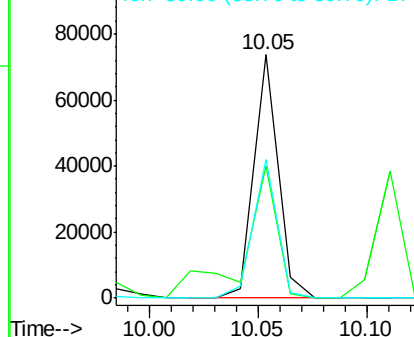


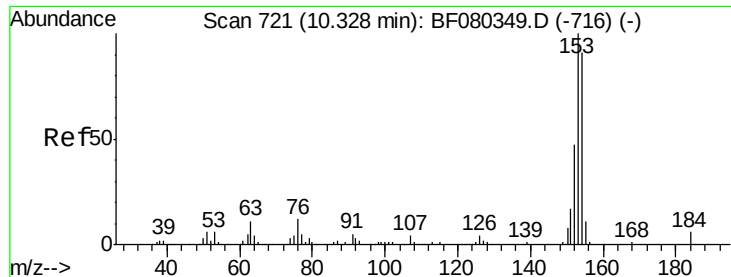
#50
2,6-Dinitrotoluene
Concen: 40.82 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF080360.D
Acq: 6 Jul 2015 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	56927		
63	54.1	44.8	67.2	
89	56.8	45.9	68.9	



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.54 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF080360.D

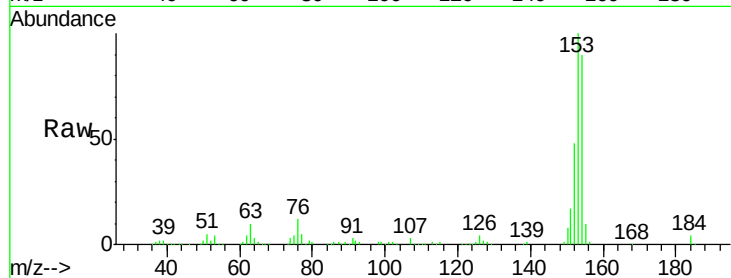
Acq: 6 Jul 2015 22:51

Instrument :

BNA_F

ClientSampleId :

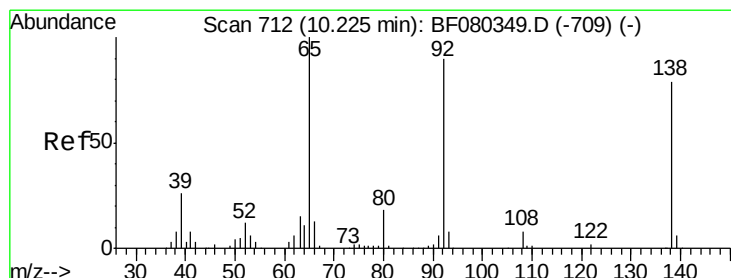
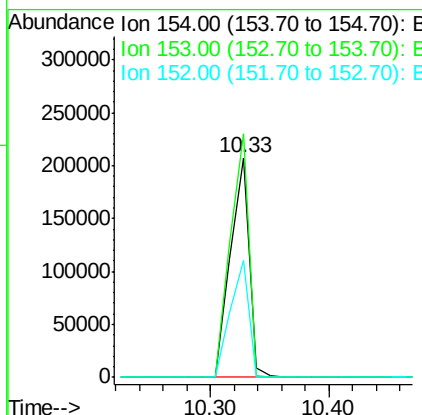
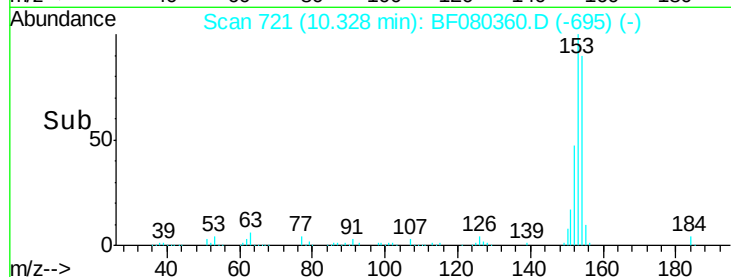
SSTDCCC040EC



Tgt Ion:	154	Resp:	227084
Ion Ratio	Lower	Upper	
154	100		
153	110.9	88.1	132.1
152	53.0	41.8	62.6

Manual Integrations
APPROVED

apatel
7/7/2015 4:26:15 PM



#52

3-Nitroaniline

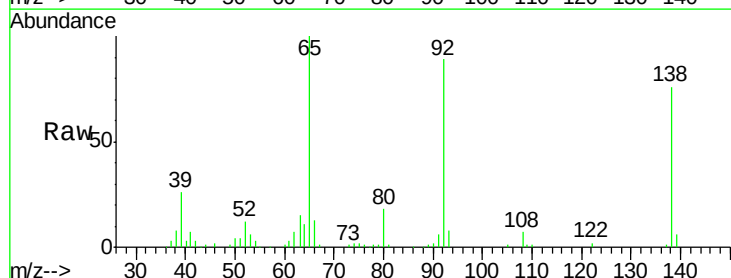
Concen: 40.66 ng

RT: 10.22 min Scan# 712

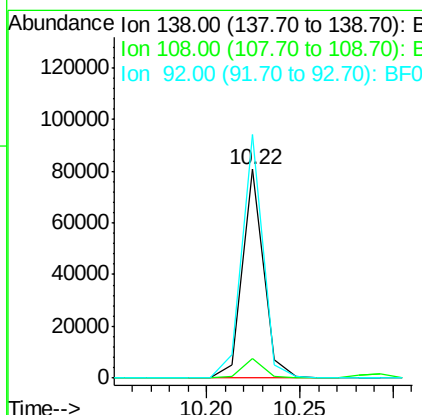
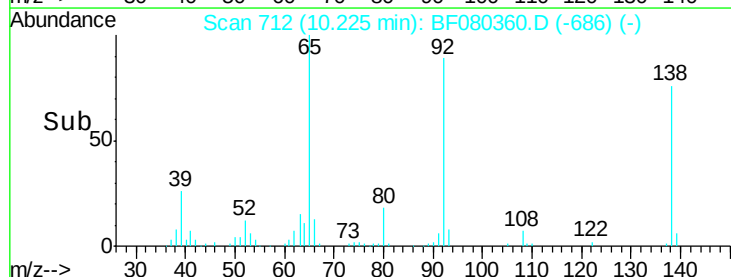
Delta R.T. -0.00 min

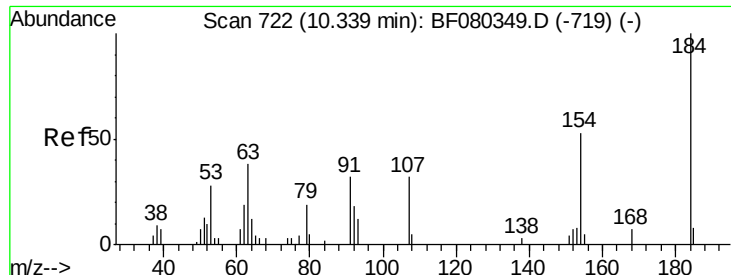
Lab File: BF080360.D

Acq: 6 Jul 2015 22:51



Tgt Ion:	138	Resp:	63882
Ion Ratio	Lower	Upper	
138	100		
108	9.5	7.8	11.8
92	116.8	91.0	136.6





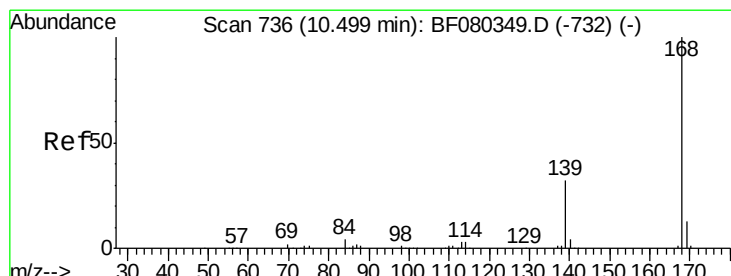
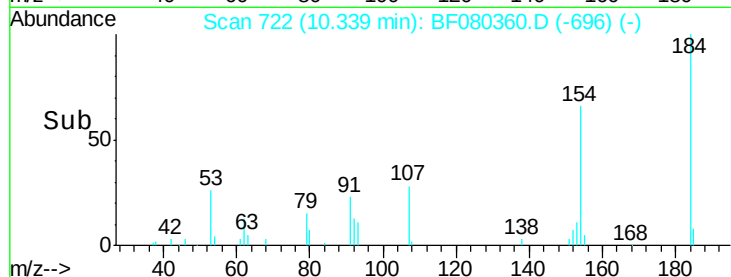
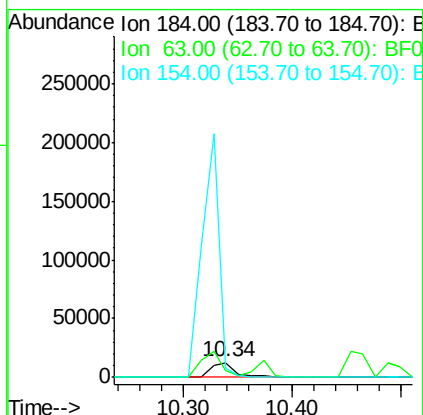
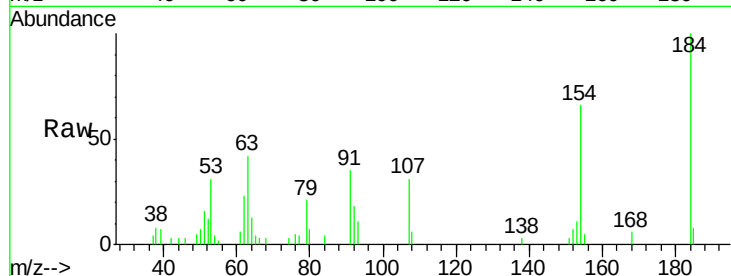
#53
2,4-Dinitrophenol
Concen: 36.78 ng
RT: 10.34 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF080360.D
Acq: 6 Jul 2015 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	19539		
63	42.0	30.6	46.0	
154	66.2	45.3	67.9	

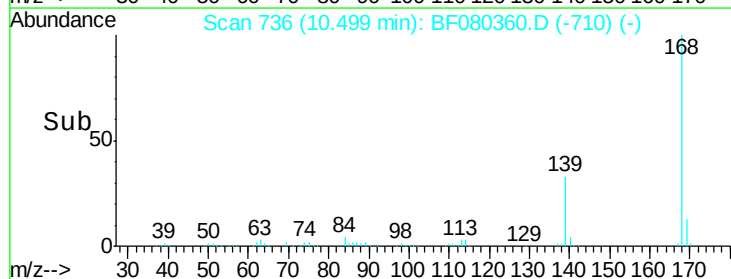
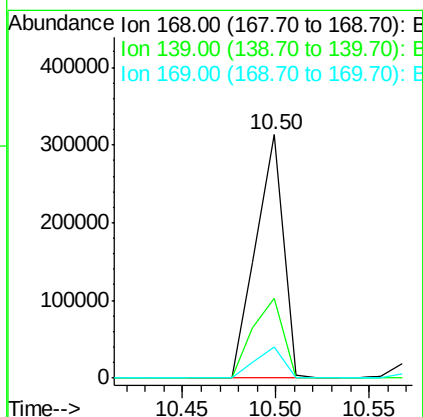
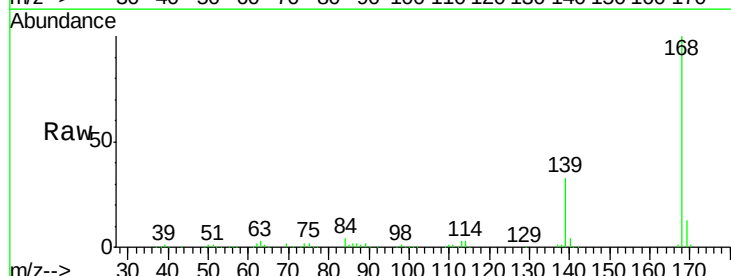
Manual Integrations
APPROVED

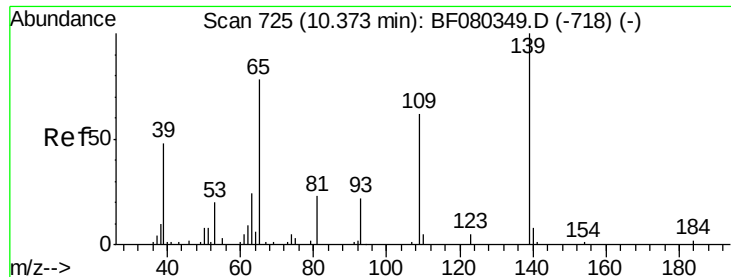
apatel
7/7/2015 4:26:15 PM



#54
Dibenzofuran
Concen: 40.09 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF080360.D
Acq: 6 Jul 2015 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	319268		
139	33.0	25.9	38.9	
169	12.6	10.3	15.5	





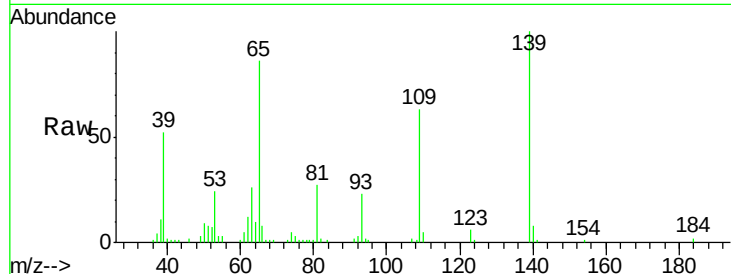
#55
4-Nitrophenol
Concen: 43.09 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF080360.D
Acq: 6 Jul 2015 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

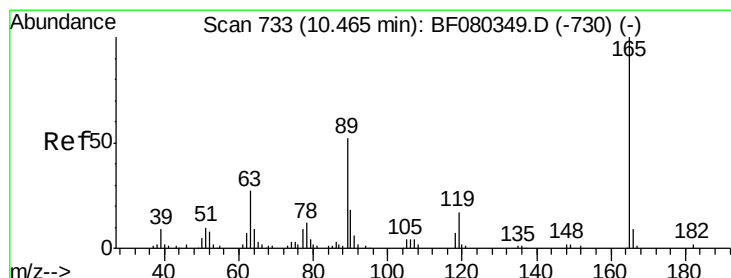
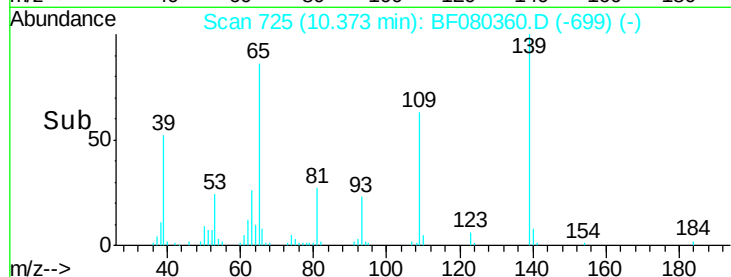
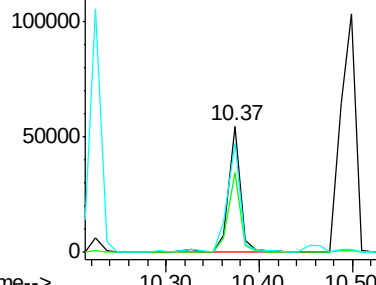
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	49619		
109	63.3	42.3	82.3	
65	86.0	58.5	98.5	

Manual Integrations
APPROVED

apatel
7/7/2015 4:26:15 PM



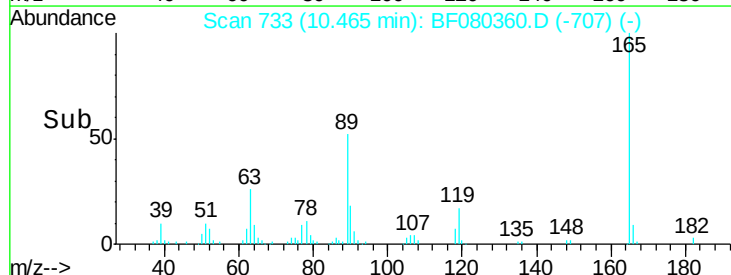
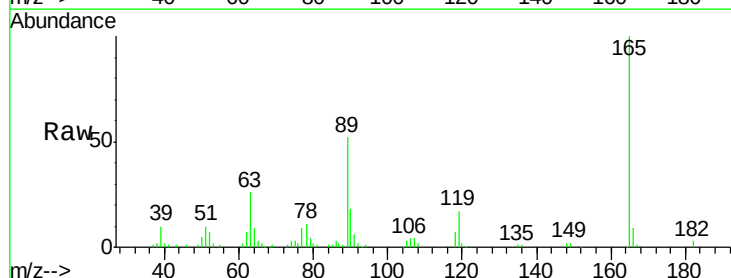
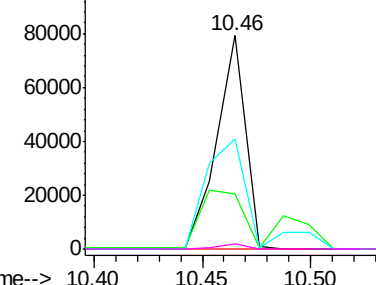
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

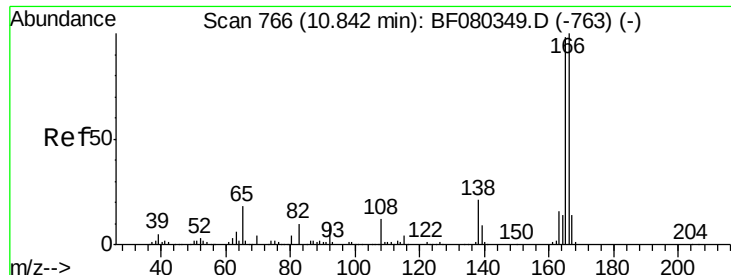


#56
2,4-Dinitrotoluene
Concen: 40.25 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF080360.D
Acq: 6 Jul 2015 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	72169		
63	25.8	21.8	32.8	
89	51.7	41.3	61.9	
182	2.5	1.8	2.6	

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.98 ng

RT: 10.84 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF080360.D

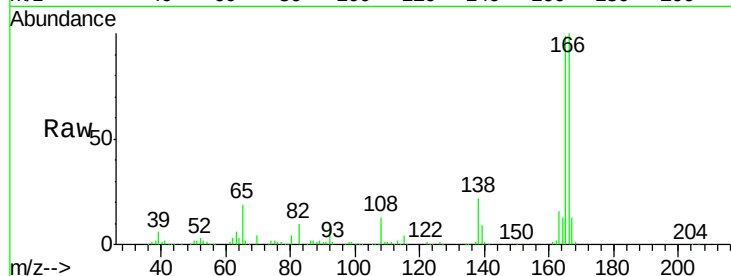
Acq: 6 Jul 2015 22:51

Instrument :

BNA_F

ClientSampleId :

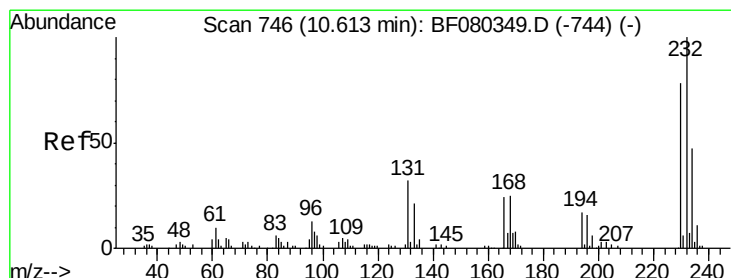
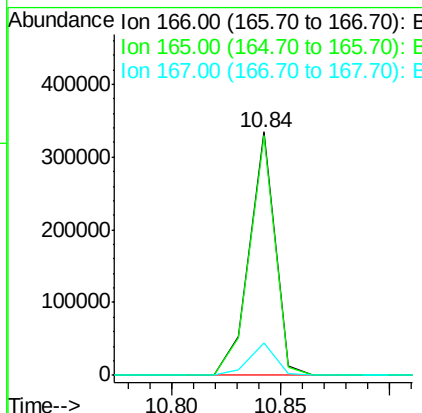
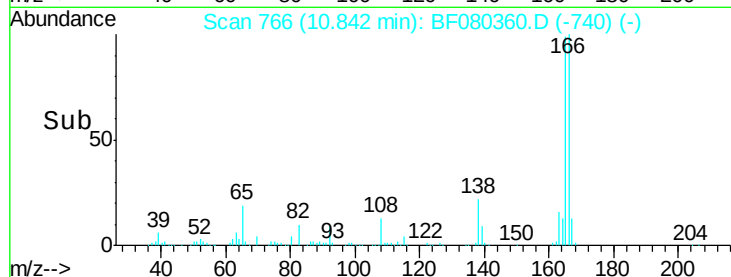
SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
166	100	274165		
165	98.5	78.6	117.8	
167	13.2	10.8	16.2	

Manual Integrations
APPROVED

apatel
7/7/2015 4:26:15 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.55 ng

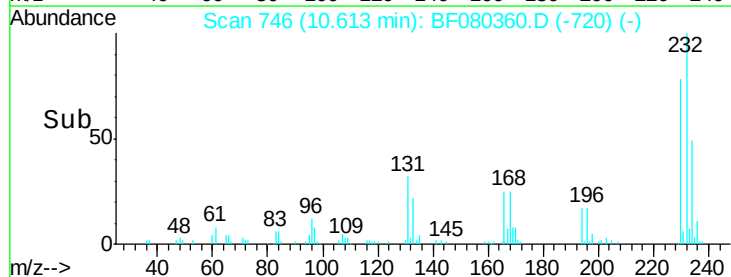
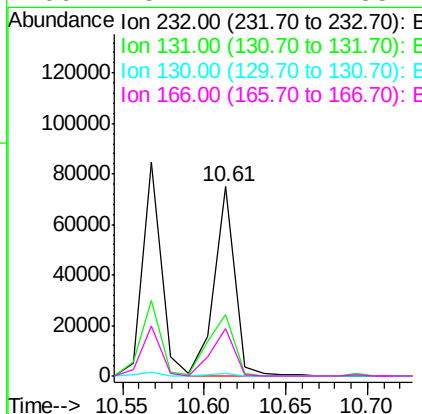
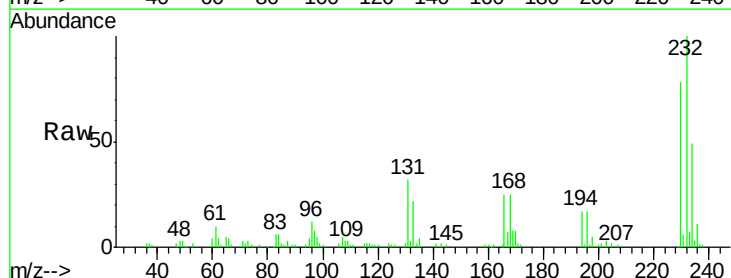
RT: 10.61 min Scan# 746

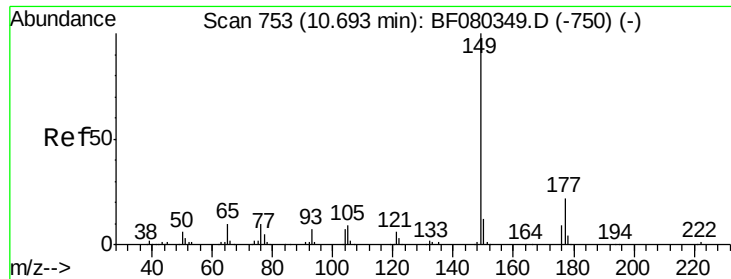
Delta R.T. -0.00 min

Lab File: BF080360.D

Acq: 6 Jul 2015 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	65664		
131	40.8	33.4	50.2	
130	2.1	1.8	2.6	
166	28.4	22.1	33.1	





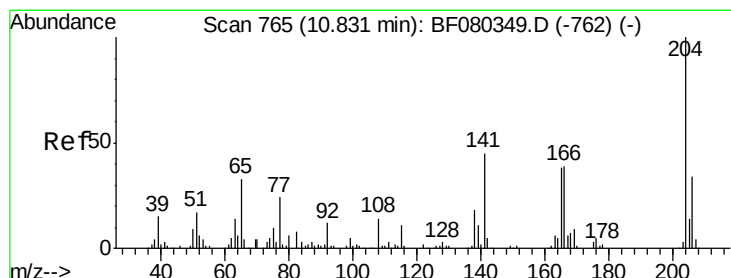
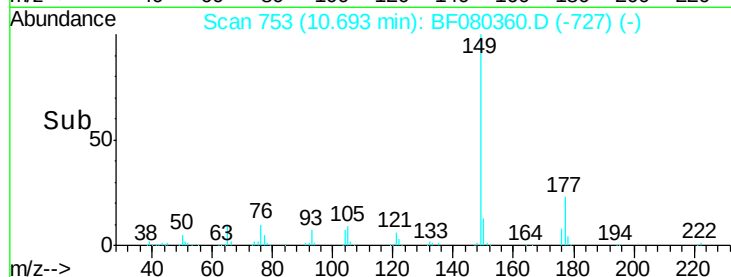
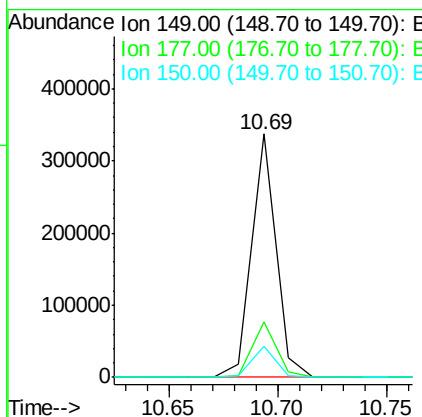
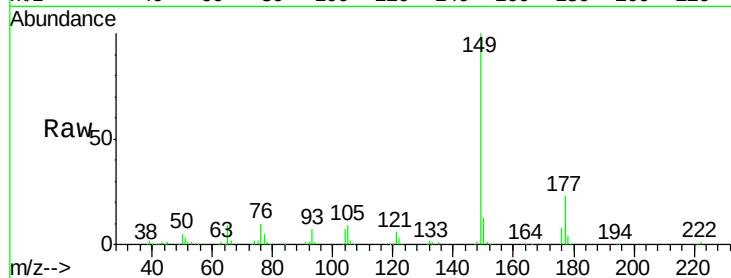
#59
Diethylphthalate
Concen: 39.37 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF080360.D
Acq: 6 Jul 2015 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	22.6	17.6	26.4
150	12.7	10.0	15.0

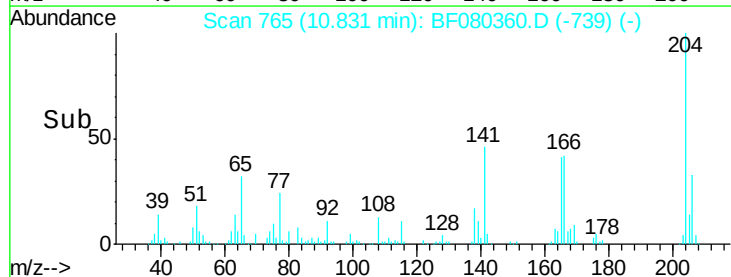
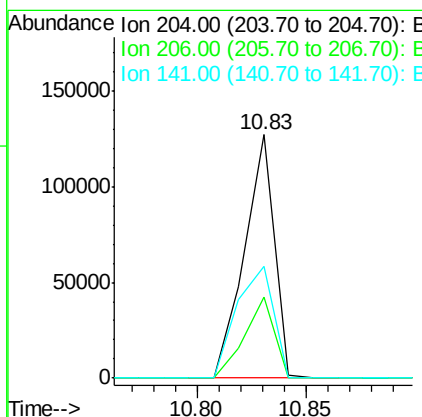
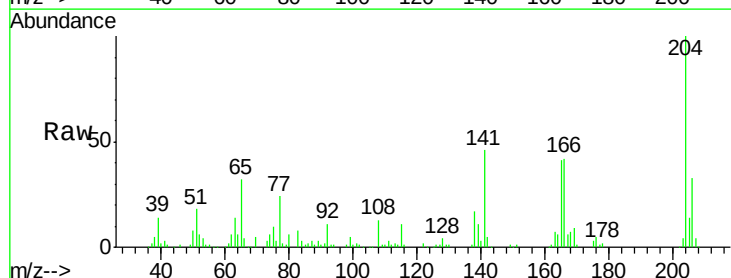
Manual Integrations
APPROVED

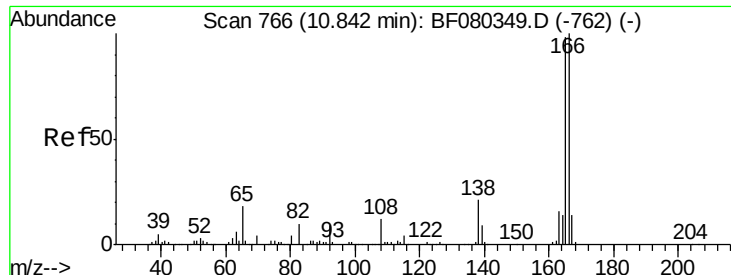
apatel
7/7/2015 4:26:15 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.81 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF080360.D
Acq: 6 Jul 2015 22:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	33.4	27.2	40.8
141	45.9	35.9	53.9





#61

4-Nitroaniline

Concen: 43.29 ng

RT: 10.84 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF080360.D

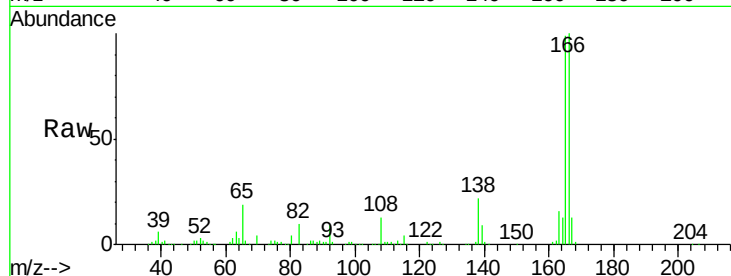
Acq: 6 Jul 2015 22:51

Instrument :

BNA_F

ClientSampleId :

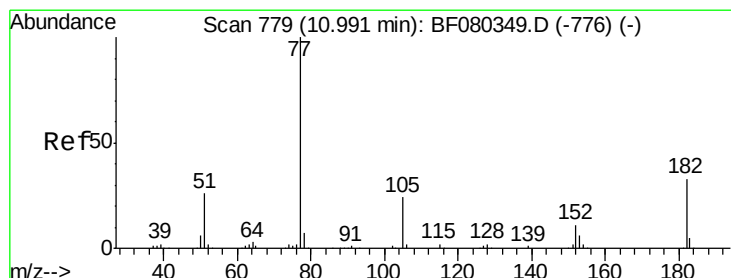
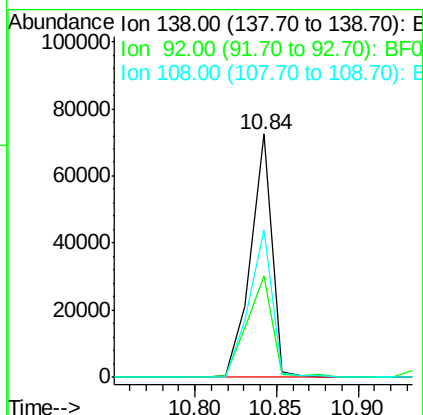
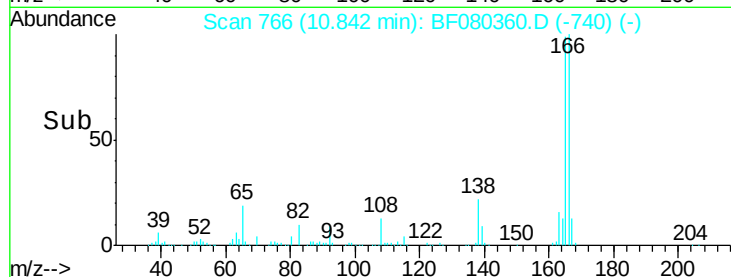
SSTDCCC040EC



Tgt Ion:	138	Resp:	66025
Ion Ratio	Lower	Upper	
138	100		
92	41.6	21.0	61.0
108	60.7	38.4	78.4

Manual Integrations
APPROVED

apatel
7/7/2015 4:26:15 PM



#62

Azobenzene

Concen: 39.71 ng

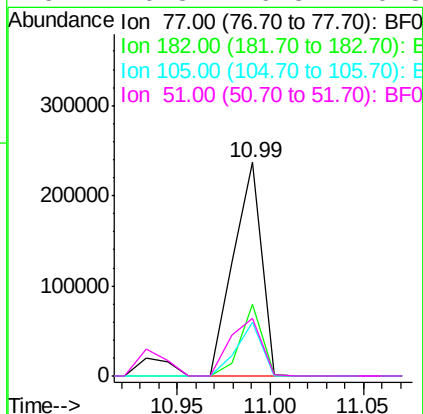
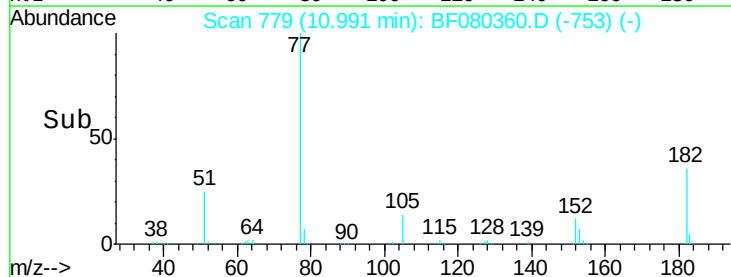
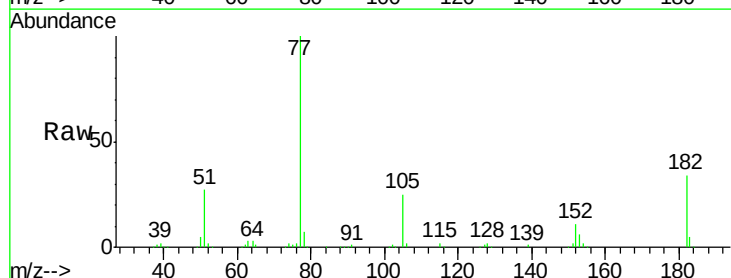
RT: 10.99 min Scan# 779

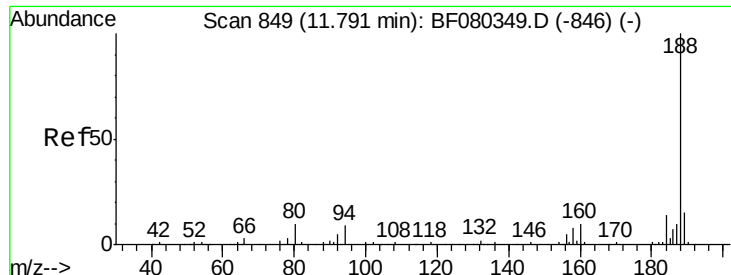
Delta R.T. -0.00 min

Lab File: BF080360.D

Acq: 6 Jul 2015 22:51

Tgt Ion:	77	Resp:	251295
Ion Ratio	Lower	Upper	
77	100		
182	33.8	13.2	53.2
105	25.5	4.3	44.3
51	26.8	6.3	46.3





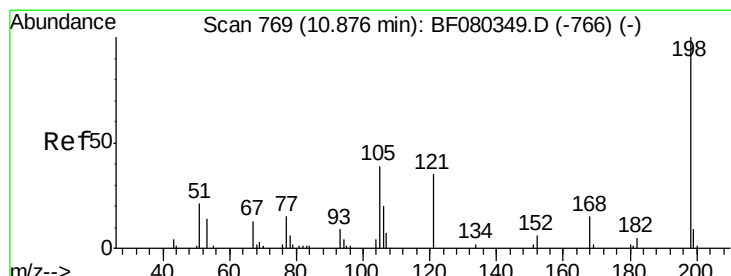
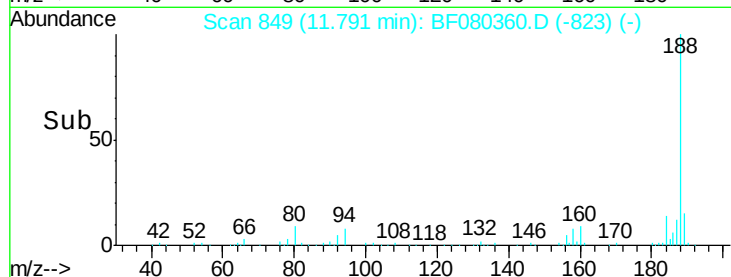
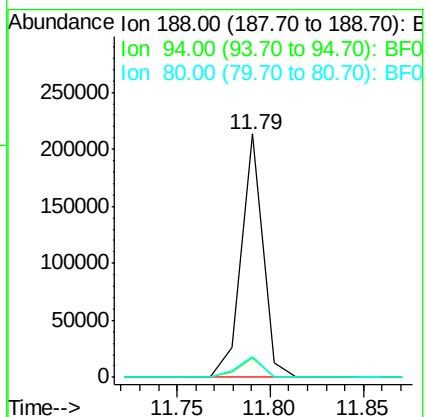
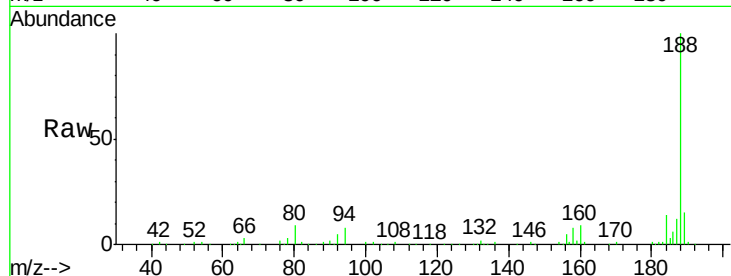
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.79 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF080360.D
Acq: 6 Jul 2015 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.1	7.5	11.3
80	8.6	8.3	12.5

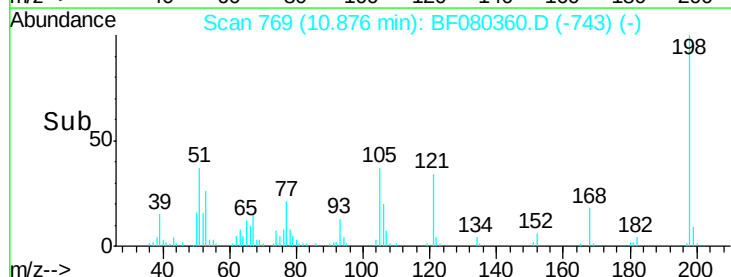
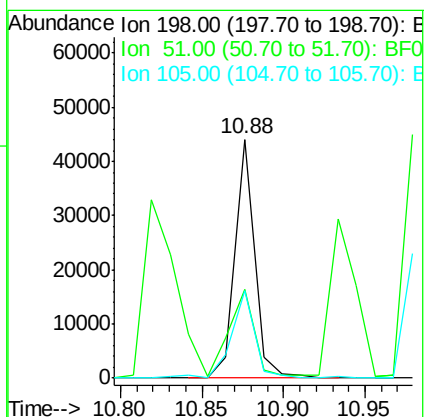
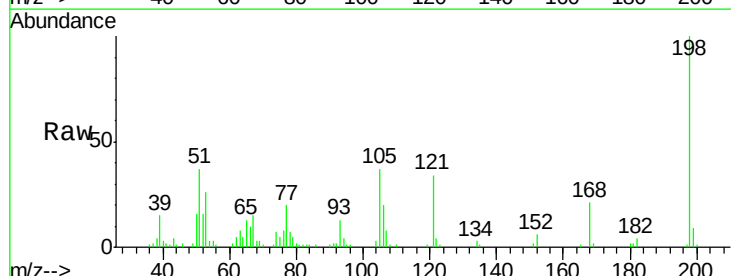
Manual Integrations
APPROVED

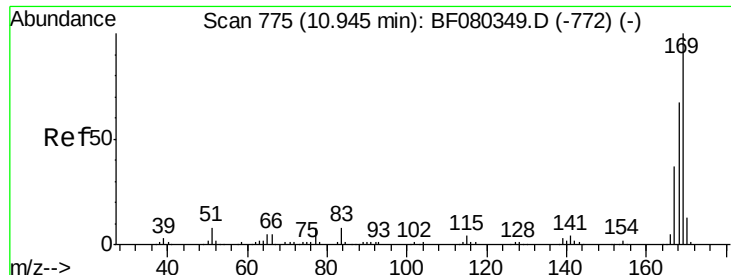
apatel
7/7/2015 4:26:15 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 37.35 ng
RT: 10.88 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF080360.D
Acq: 6 Jul 2015 22:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	37.0	17.0	57.0
105	36.8	20.9	60.9





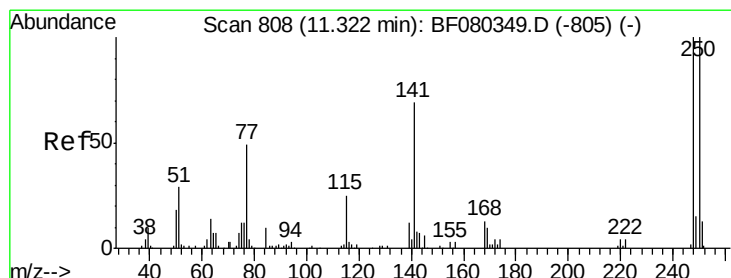
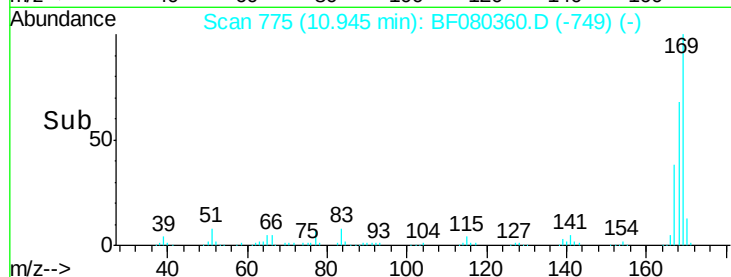
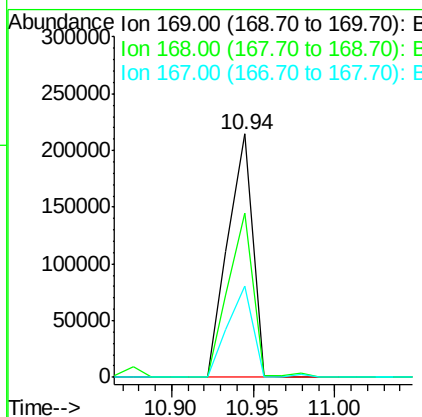
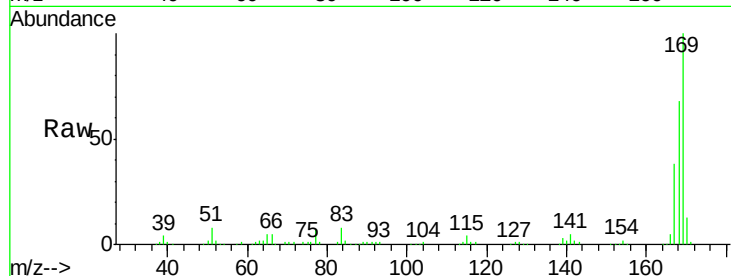
#65
 n-Nitrosodiphenylamine
 Concen: 40.65 ng
 RT: 10.94 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF080360.D
 Acq: 6 Jul 2015 22:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	225412		
168	67.6	53.5	80.3	
167	37.6	29.5	44.3	

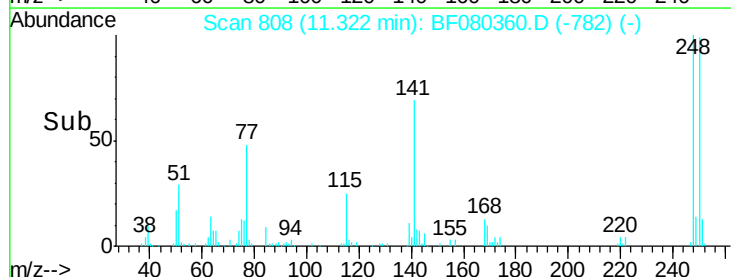
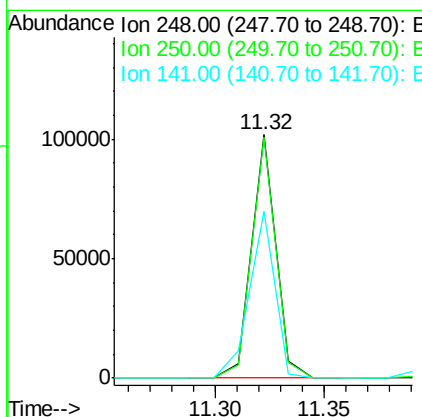
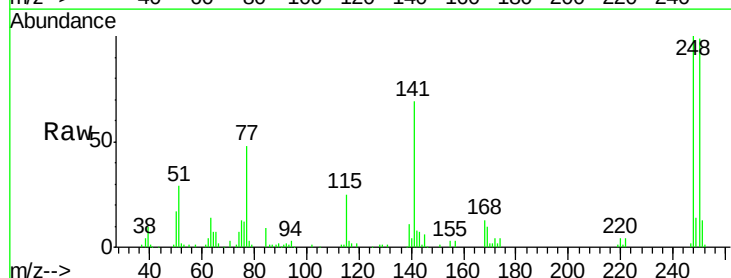
Manual Integrations
 APPROVED

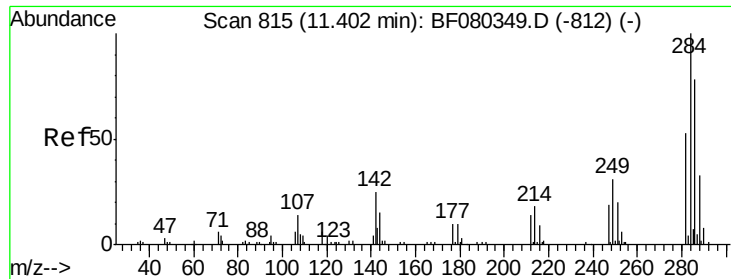
apatel
 7/7/2015 4:26:15 PM



#66
 4-Bromophenyl-phenylether
 Concen: 39.58 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF080360.D
 Acq: 6 Jul 2015 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	78944		
250	98.8	80.0	120.0	
141	68.6	54.8	82.2	





#67

Hexachlorobenzene

Concen: 40.92 ng

RT: 11.40 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF080360.D

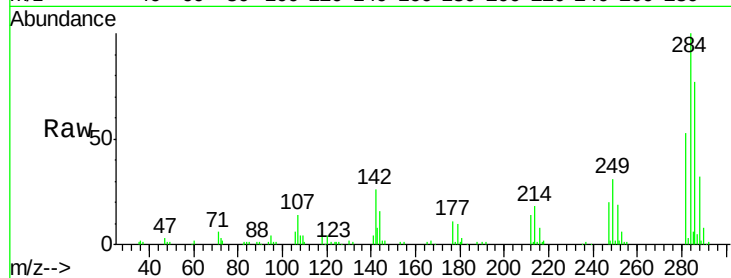
Acq: 6 Jul 2015 22:51

Instrument :

BNA_F

ClientSampleId :

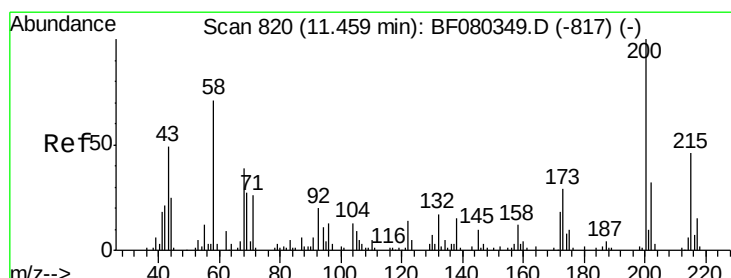
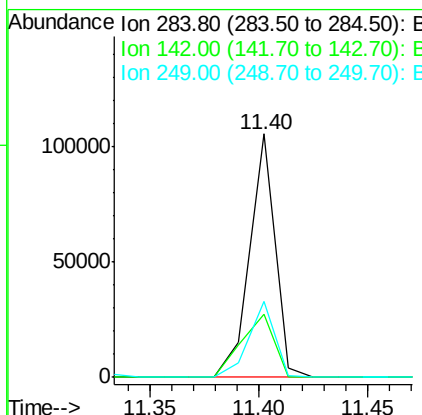
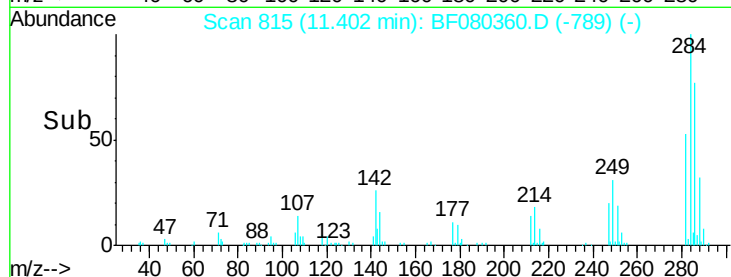
SSTDCCC040EC



Tgt Ion:	284	Resp:	85602
Ion Ratio	Lower	Upper	
284	100		
142	26.1	20.3	30.5
249	31.2	24.7	37.1

Manual Integrations
APPROVED

apatel
7/7/2015 4:26:15 PM



#68

Atrazine

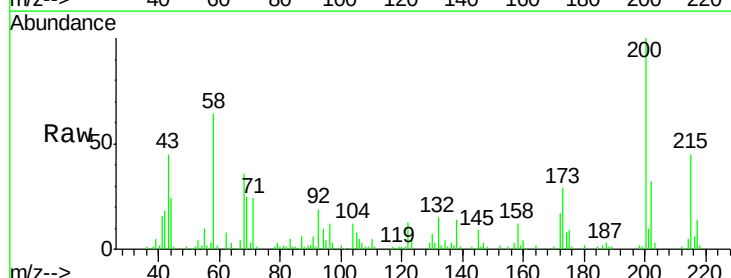
Concen: 42.14 ng

RT: 11.46 min Scan# 820

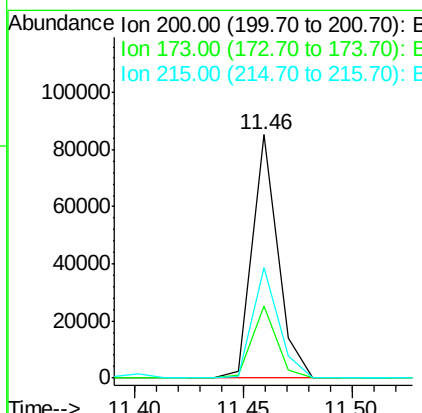
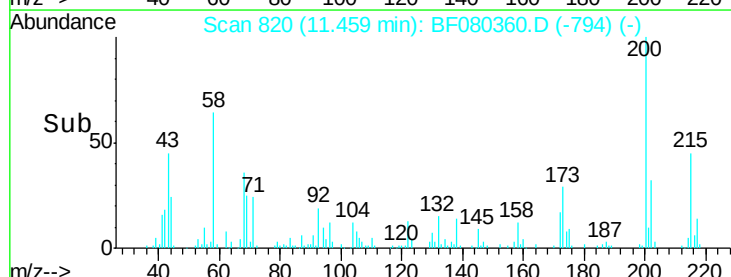
Delta R.T. -0.00 min

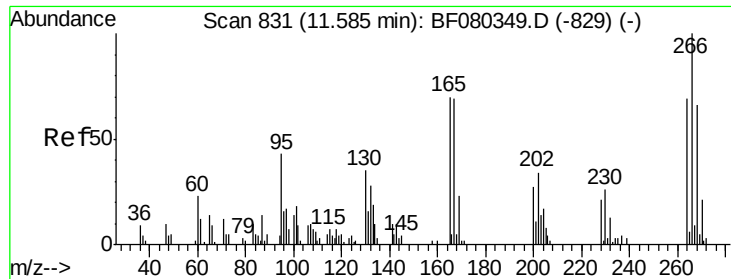
Lab File: BF080360.D

Acq: 6 Jul 2015 22:51



Tgt Ion:	200	Resp:	69564
Ion Ratio	Lower	Upper	
200	100		
173	29.4	9.9	49.9
215	45.2	26.2	66.2





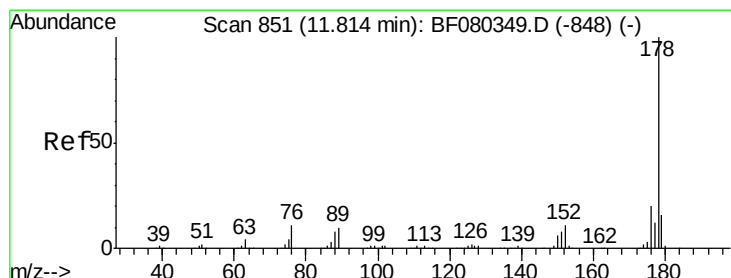
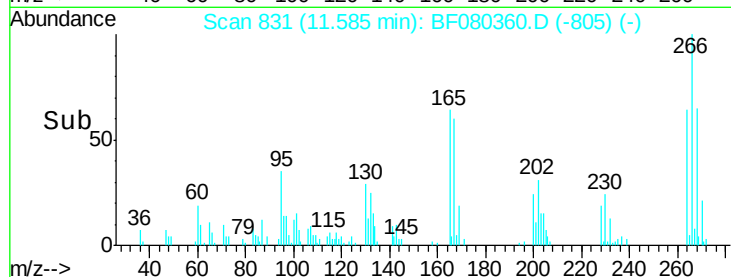
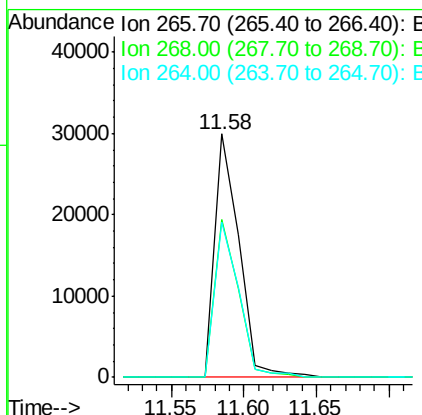
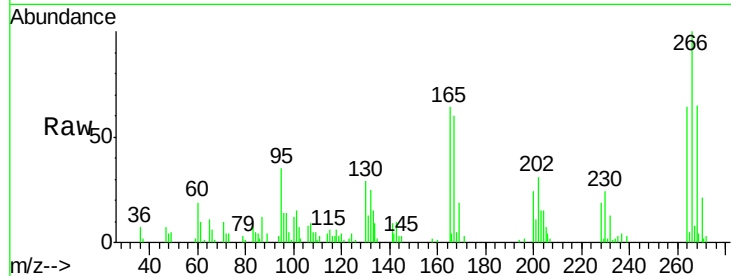
#69
 Pentachlorophenol
 Concen: 33.52 ng
 RT: 11.58 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF080360.D
 Acq: 6 Jul 2015 22:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	34675		
268	64.8	52.7	79.1	
264	63.7	55.0	82.6	

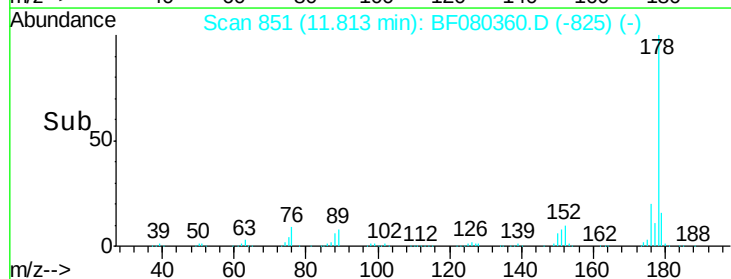
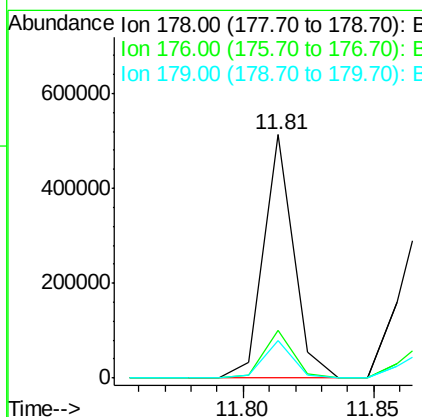
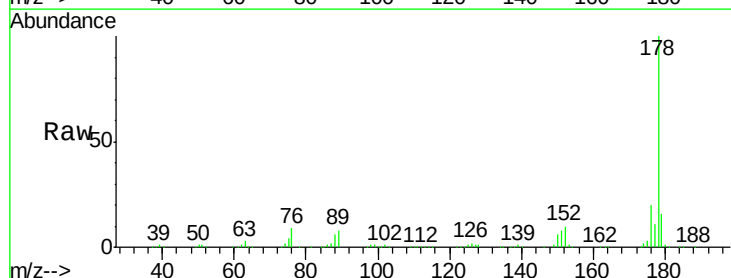
Manual Integrations
 APPROVED

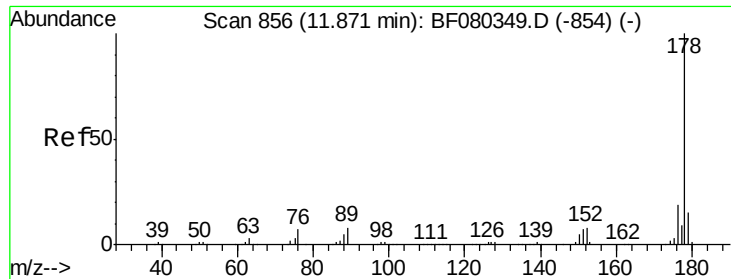
apatel
 7/7/2015 4:26:15 PM



#70
 Phenanthrene
 Concen: 39.54 ng
 RT: 11.81 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF080360.D
 Acq: 6 Jul 2015 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	412906		
176	19.6	16.1	24.1	
179	15.5	12.6	18.8	





#71

Anthracene

Concen: 39.83 ng

RT: 11.87 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF080360.D

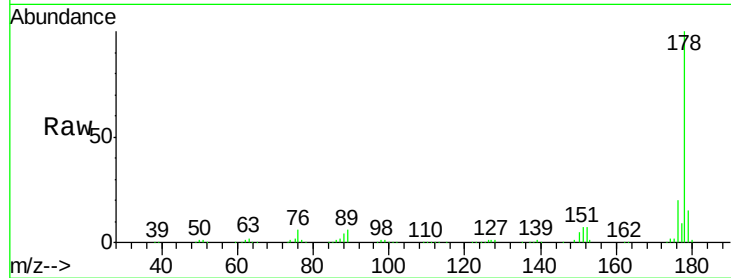
Acq: 6 Jul 2015 22:51

Instrument :

BNA_F

ClientSampleId :

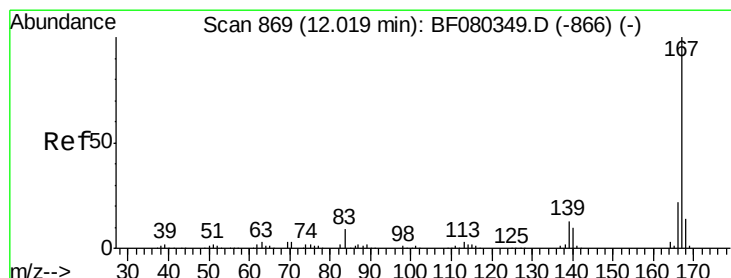
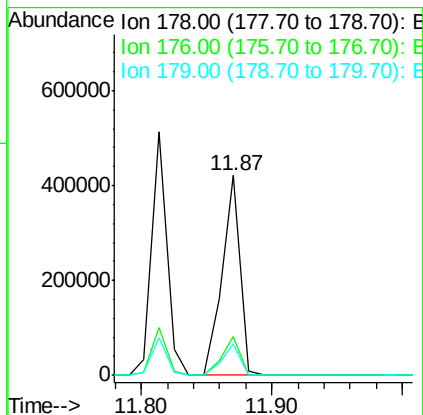
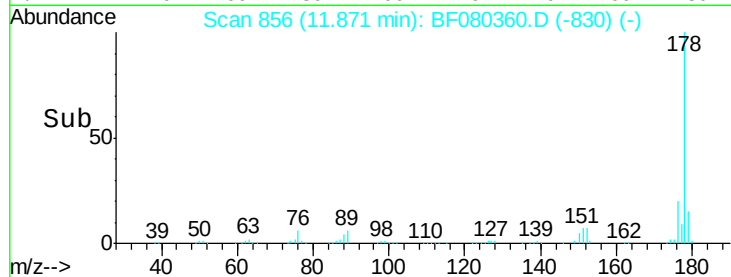
SSTDCCC040EC



Tgt Ion:	178	Resp:	407781
Ion Ratio	Lower	Upper	
178	100		
176	19.7	15.3	22.9
179	15.3	12.3	18.5

Manual Integrations
APPROVED

apatel
7/7/2015 4:26:15 PM



#72

Carbazole

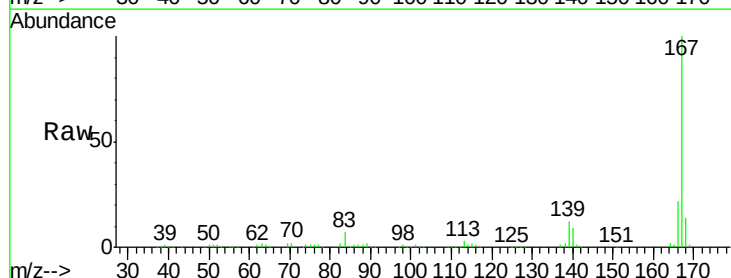
Concen: 41.43 ng

RT: 12.02 min Scan# 869

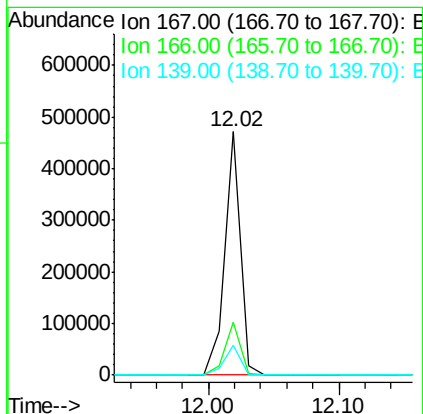
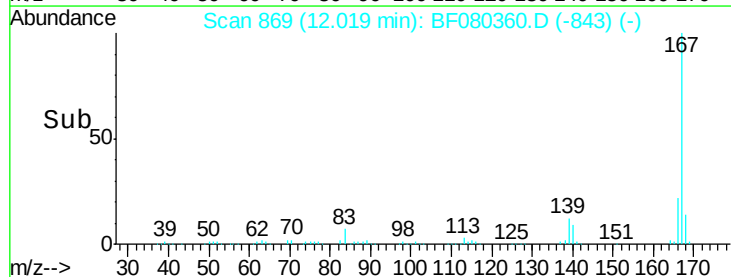
Delta R.T. -0.00 min

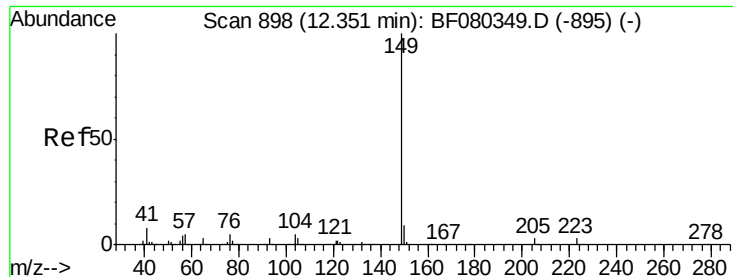
Lab File: BF080360.D

Acq: 6 Jul 2015 22:51



Tgt Ion:	167	Resp:	395619
Ion Ratio	Lower	Upper	
167	100		
166	21.8	17.8	26.6
139	12.1	10.4	15.6





#73

Di-n-butylphthalate

Concen: 39.45 ng

RT: 12.35 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF080360.D

Acq: 6 Jul 2015 22:51

Instrument :

BNA_F

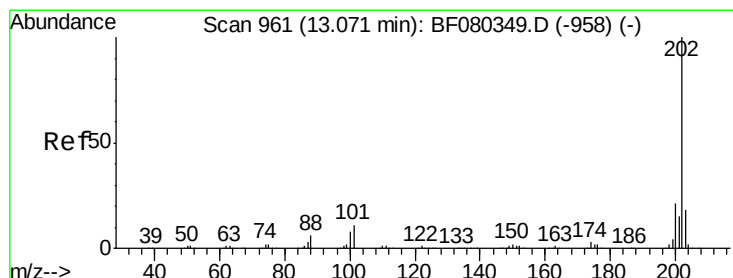
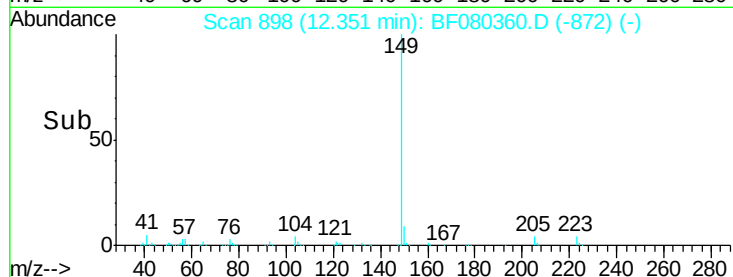
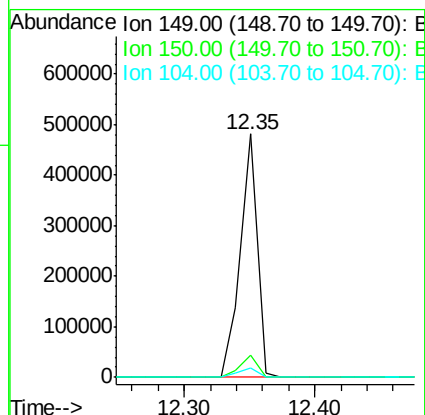
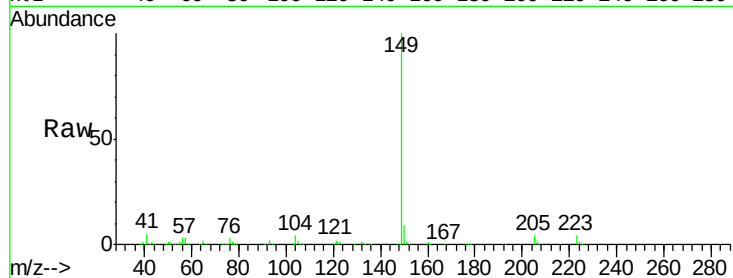
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	149	Resp:	430898
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.5	11.3
104	4.0	3.9	5.9

Manual Integrations
APPROVED

apatel
7/7/2015 4:26:15 PM



#74

Fluoranthene

Concen: 38.70 ng

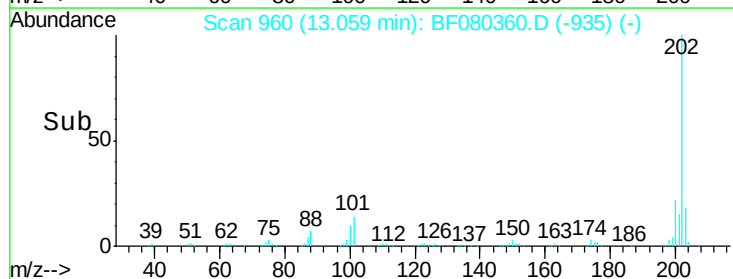
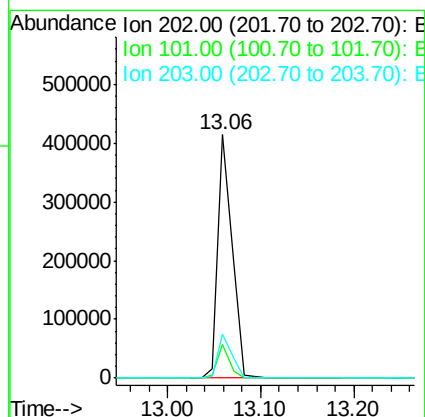
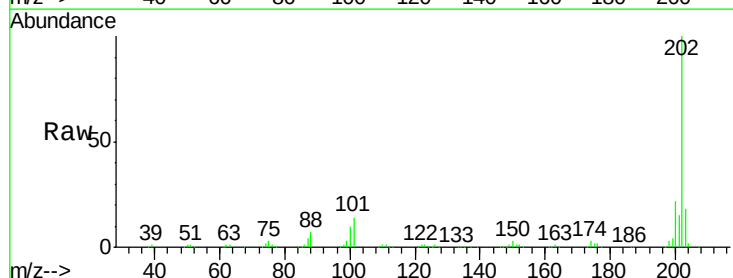
RT: 13.06 min Scan# 960

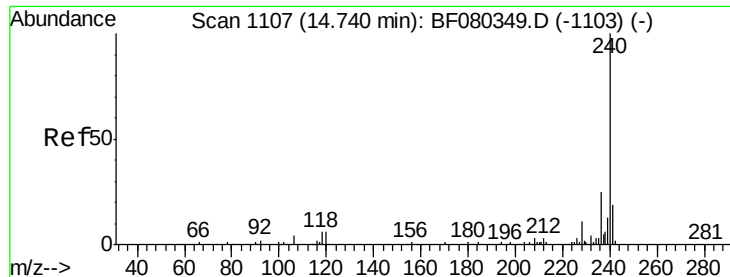
Delta R.T. -0.01 min

Lab File: BF080360.D

Acq: 6 Jul 2015 22:51

Tgt Ion:	202	Resp:	434185
Ion Ratio	Lower	Upper	
202	100		
101	13.7	0.0	31.0
203	18.0	0.0	37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.73 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BF080360.D

Acq: 6 Jul 2015 22:51

Instrument :

BNA_F

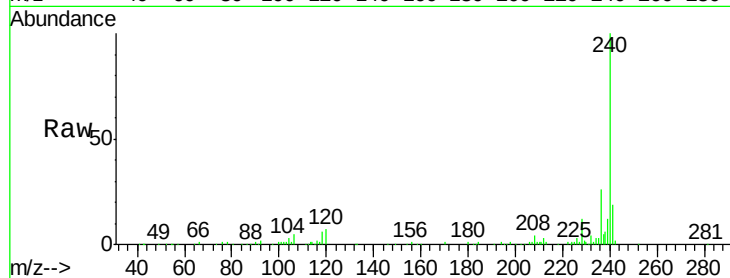
ClientSampleId :

SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.3	5.1	7.7
236	26.1	20.4	30.6

Manual Integrations
APPROVED

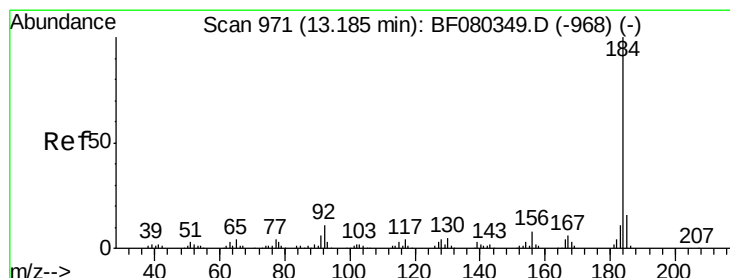
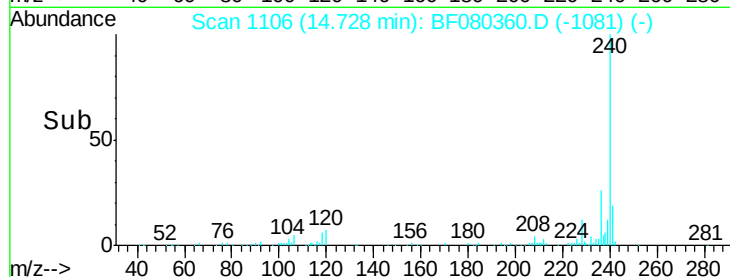
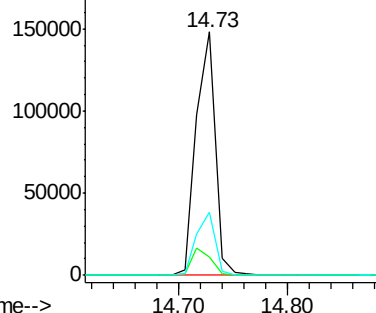
apatel
7/7/2015 4:26:15 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 43.40 ng

RT: 13.19 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF080360.D

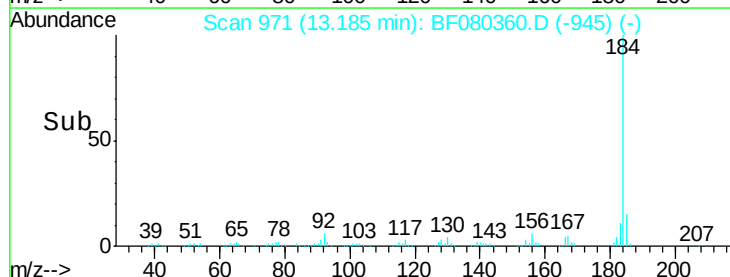
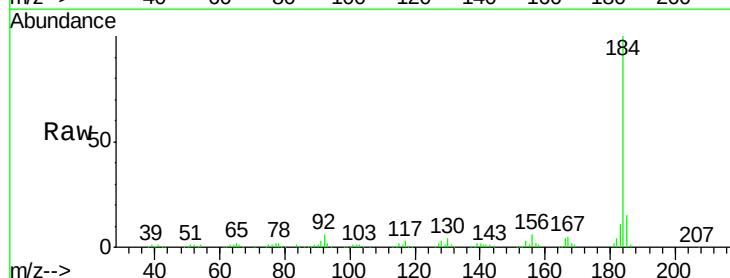
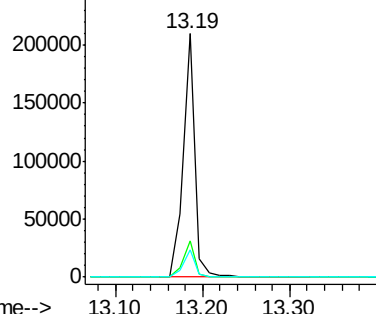
Acq: 6 Jul 2015 22:51

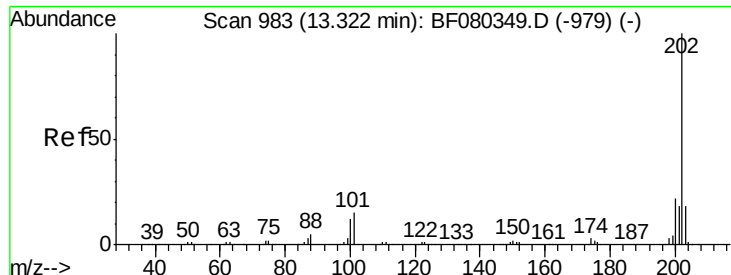
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.6	19.0
183	11.1	9.2	13.8

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





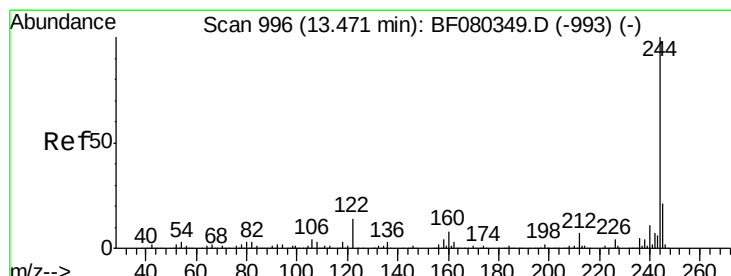
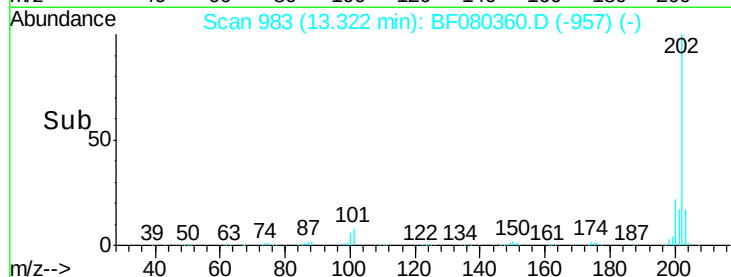
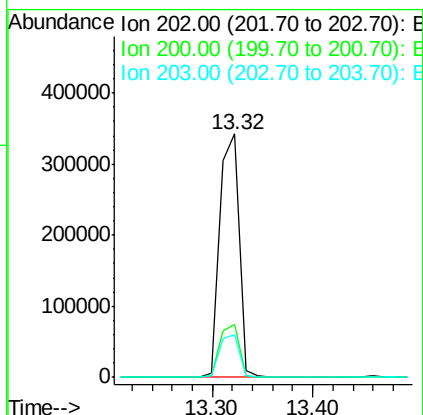
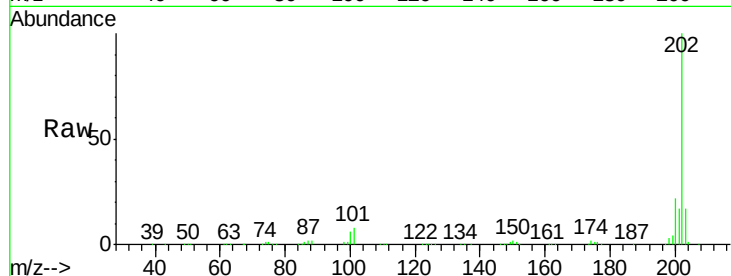
#77
 Pyrene
 Concen: 42.14 ng
 RT: 13.32 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: BF080360.D
 Acq: 6 Jul 2015 22:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.6	17.2	25.8
203	17.5	14.3	21.5

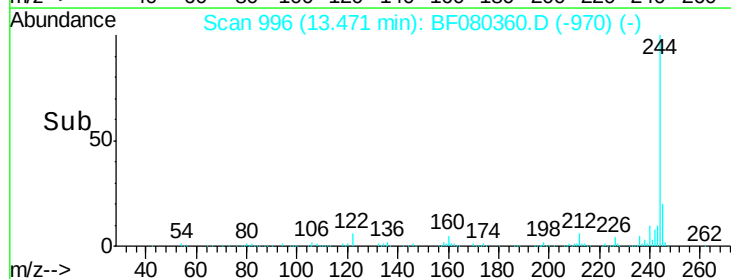
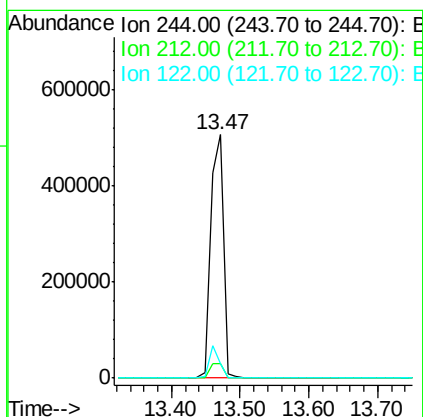
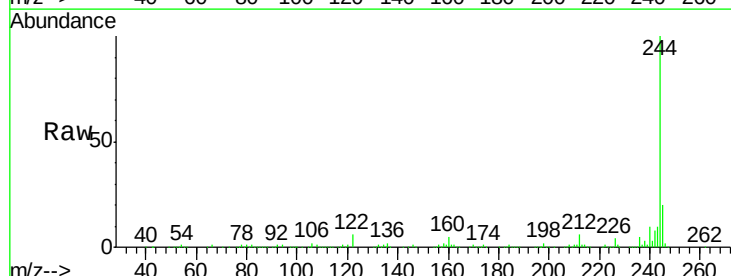
Manual Integrations
 APPROVED

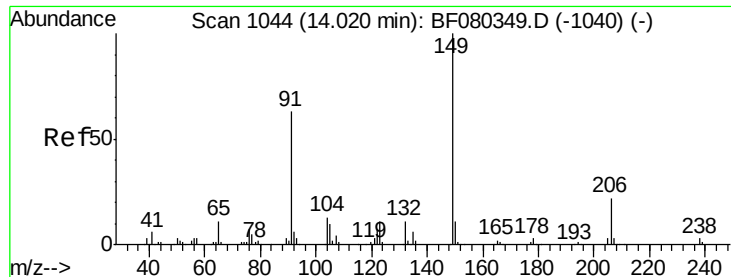
apatel
 7/7/2015 4:26:15 PM



#78
 Terphenyl-d14
 Concen: 85.24 ng
 RT: 13.47 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: BF080360.D
 Acq: 6 Jul 2015 22:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.0	5.8	8.8
122	6.0	11.1	16.7#





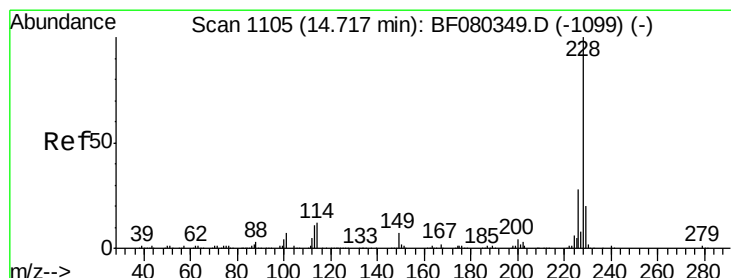
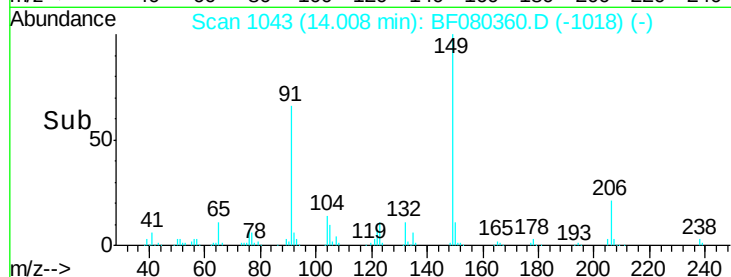
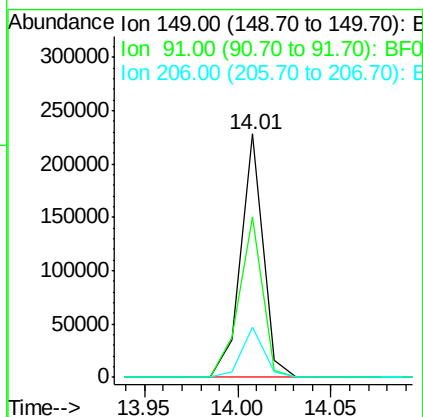
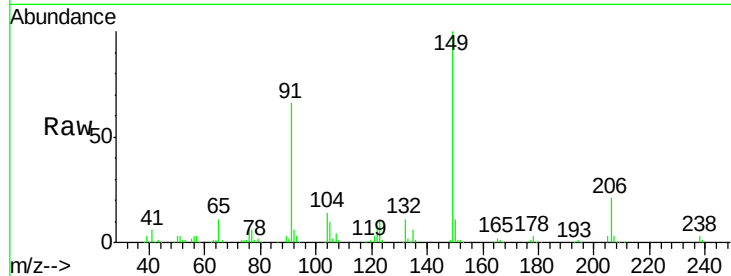
#79
Butylbenzylphthalate
Concen: 43.96 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF080360.D
Acq: 6 Jul 2015 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	191748		
91	65.8	50.8	76.2	
206	20.7	17.6	26.4	

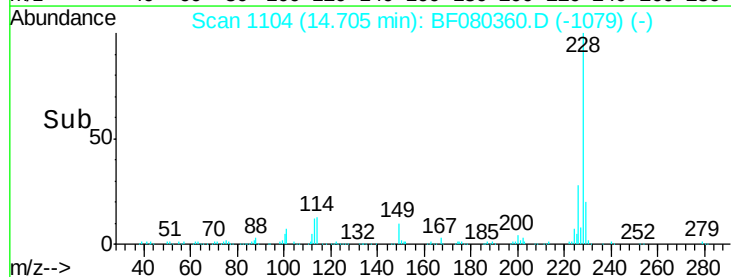
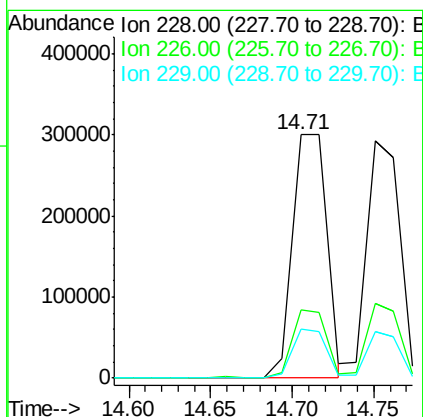
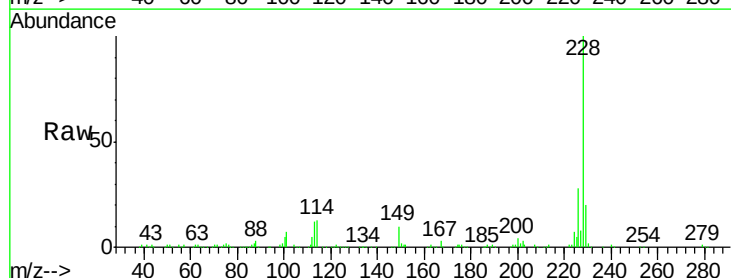
Manual Integrations
APPROVED

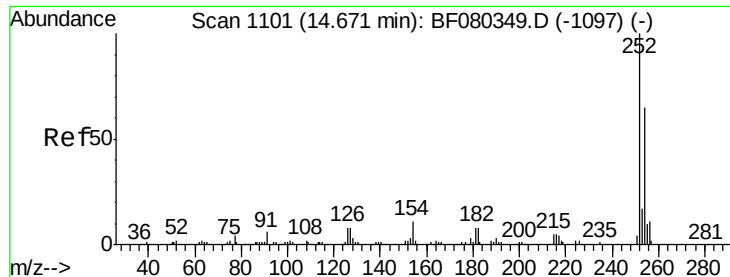
apatel
7/7/2015 4:26:15 PM



#80
Benzo(a)anthracene
Concen: 40.51 ng
RT: 14.71 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BF080360.D
Acq: 6 Jul 2015 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	441249		
226	28.3	22.2	33.4	
229	20.3	16.0	24.0	





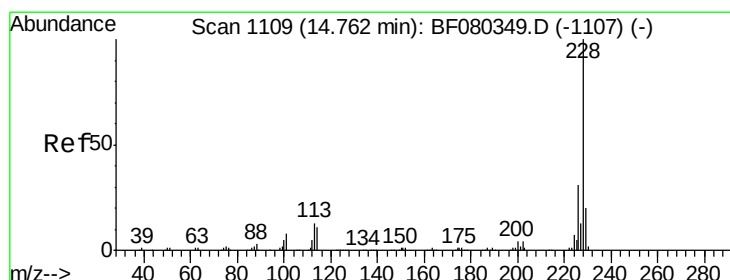
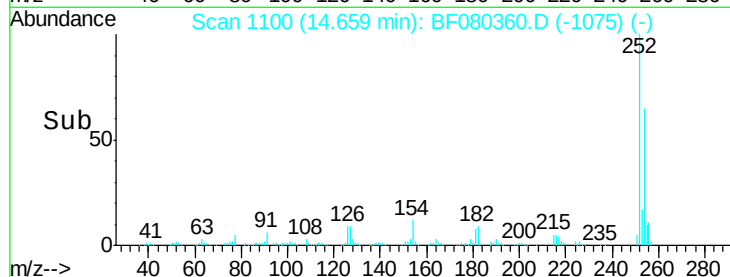
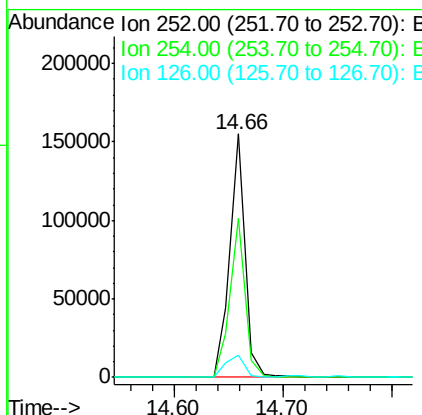
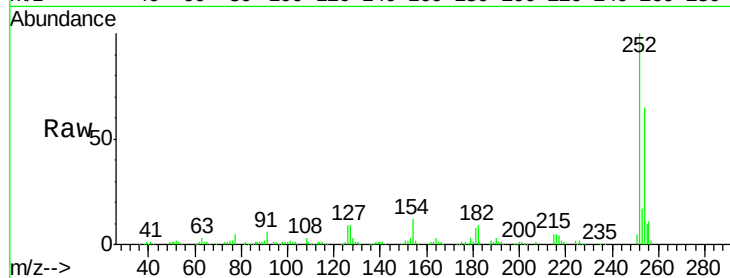
#81
 3,3'-Dichlorobenzidine
 Concen: 41.78 ng
 RT: 14.66 min Scan# 1100
 Delta R.T. -0.01 min
 Lab File: BF080360.D
 Acq: 6 Jul 2015 22:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.2	51.7	77.5
126	8.9	6.3	9.5

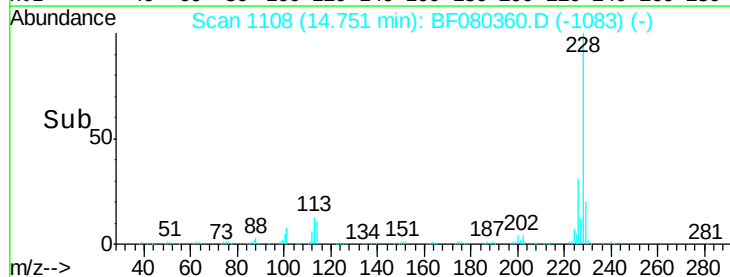
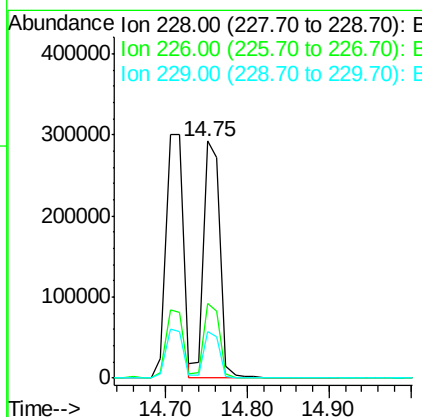
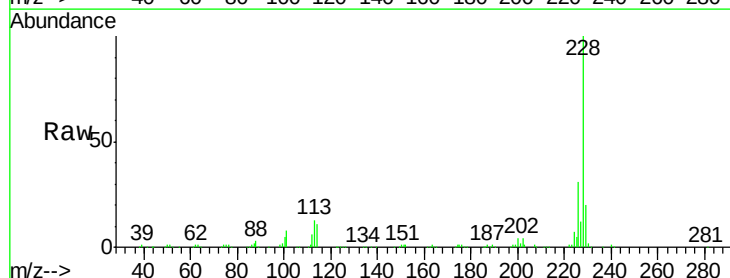
Manual Integrations
 APPROVED

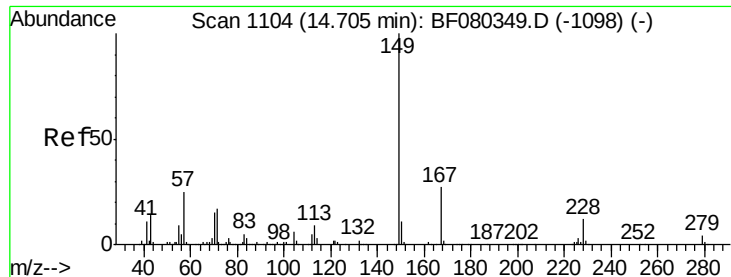
apatel
 7/7/2015 4:26:15 PM



#82
 Chrysene
 Concen: 41.12 ng
 RT: 14.75 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF080360.D
 Acq: 6 Jul 2015 22:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.3	25.0	37.4
229	19.6	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.19 ng

RT: 14.69 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BF080360.D

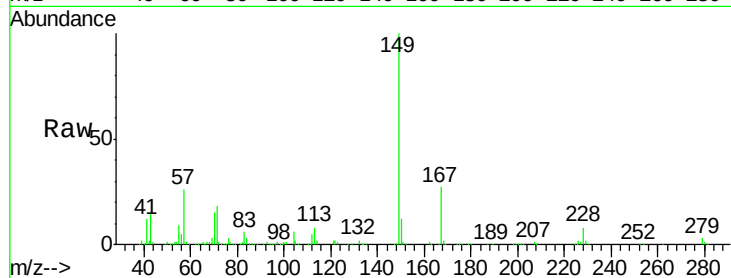
Acq: 6 Jul 2015 22:51

Instrument :

BNA_F

ClientSampleId :

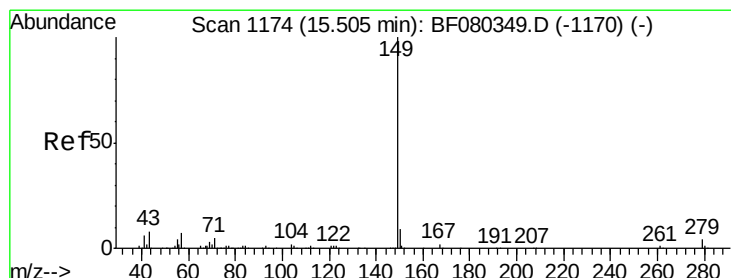
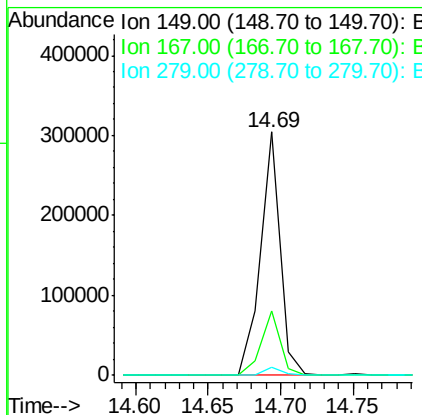
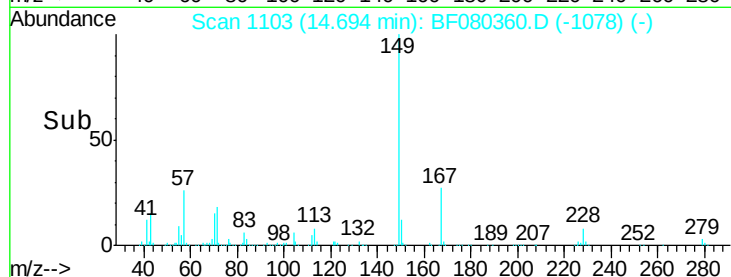
SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
149	100	287176		
167	26.7	21.4	32.0	
279	3.5	2.9	4.3	

Manual Integrations
APPROVED

apatel
7/7/2015 4:26:15 PM



#84

Di-n-octyl phthalate

Concen: 42.74 ng

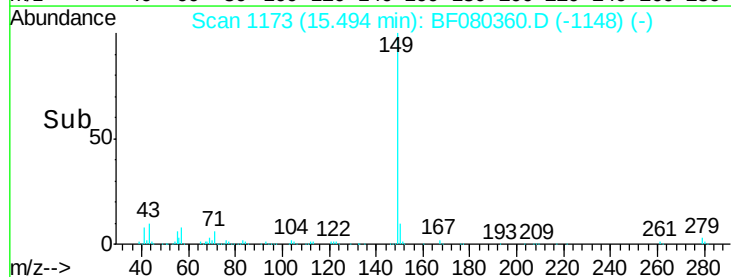
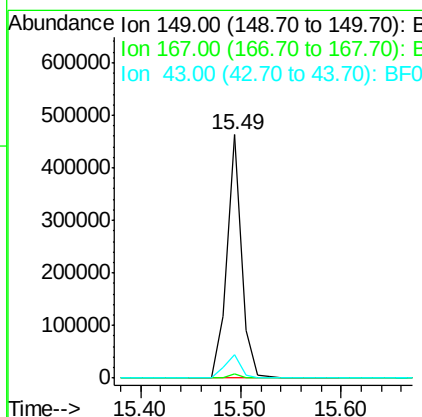
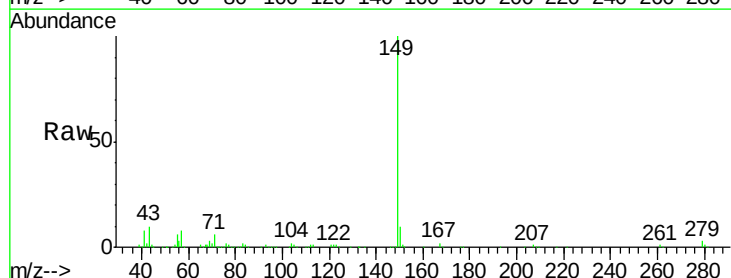
RT: 15.49 min Scan# 1173

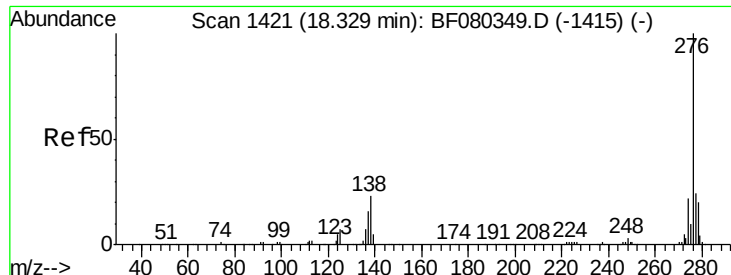
Delta R.T. -0.01 min

Lab File: BF080360.D

Acq: 6 Jul 2015 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	469413		
167	1.5	1.2	1.8	
43	10.8	9.1	13.7	





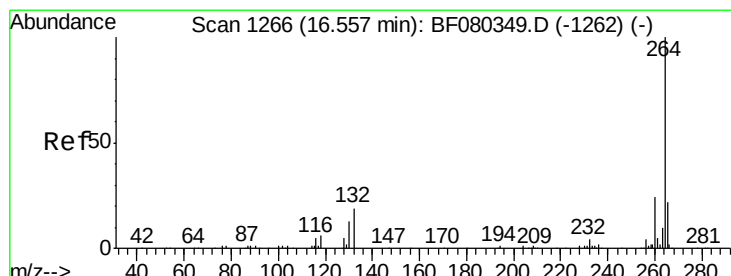
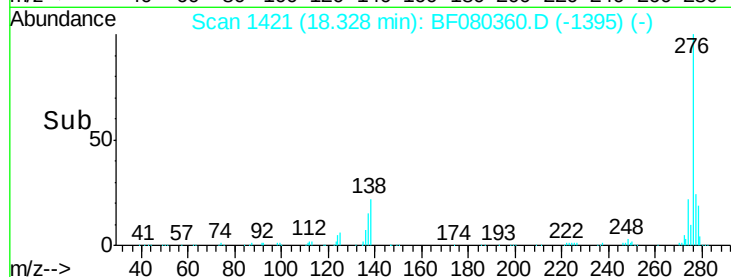
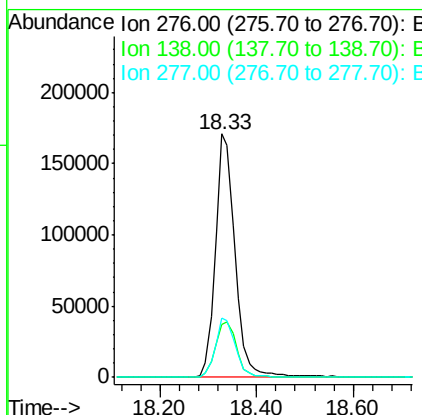
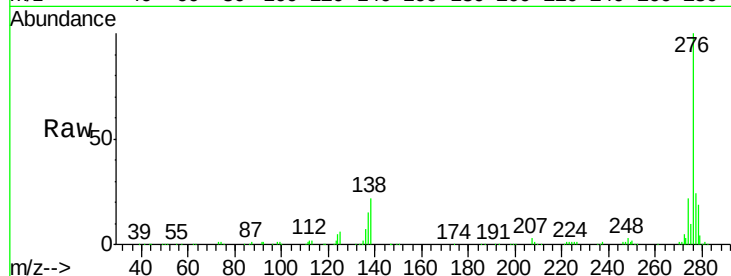
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.83 ng
 RT: 18.33 min Scan# 1421
 Delta R.T. -0.00 min
 Lab File: BF080360.D
 Acq: 6 Jul 2015 22:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.0	19.7	29.5
277	24.6	19.4	29.0

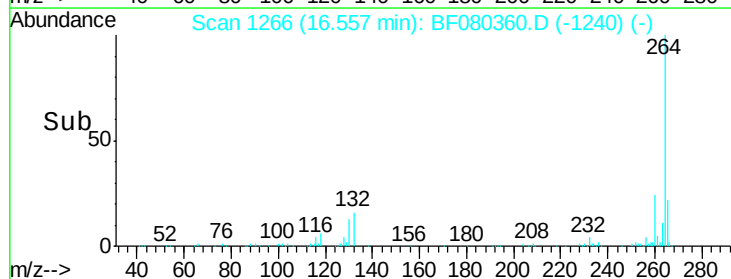
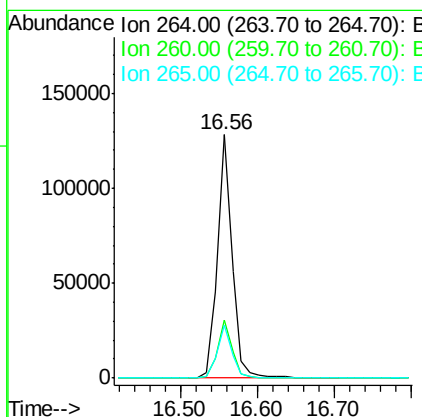
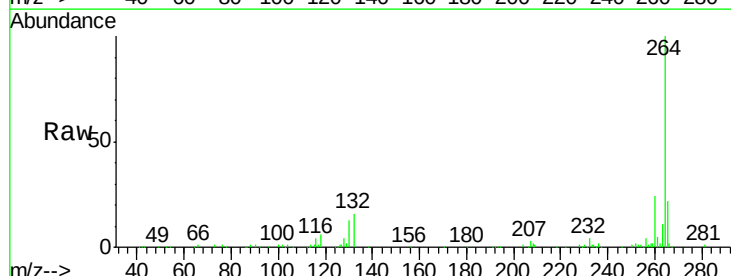
Manual Integrations
 APPROVED

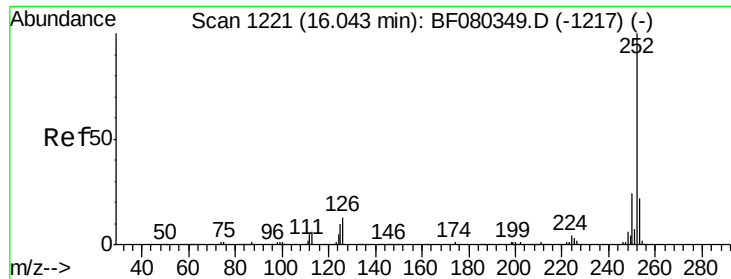
apatel
 7/7/2015 4:26:15 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.56 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BF080360.D
 Acq: 6 Jul 2015 22:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.9	17.6	26.4





#87

Benzo(b)fluoranthene

Concen: 38.60 ng

RT: 16.04 min Scan# 1221

Delta R.T. -0.00 min

Lab File: BF080360.D

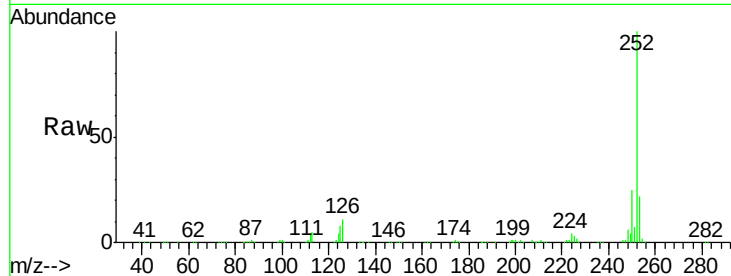
Acq: 6 Jul 2015 22:51

Instrument :

BNA_F

ClientSampleId :

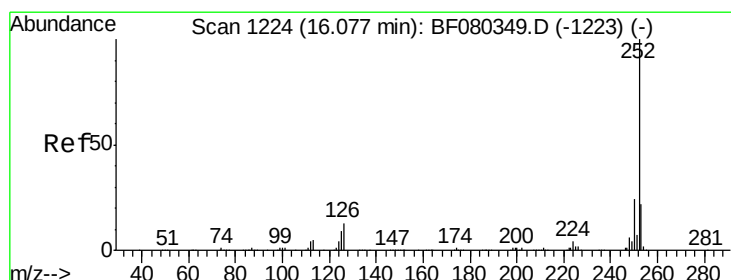
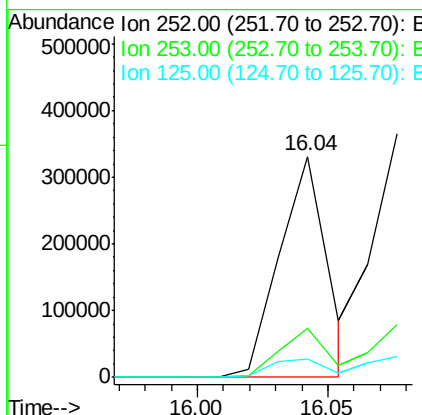
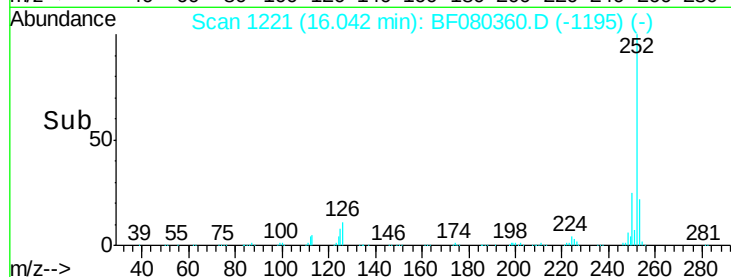
SSTDCCC040EC



Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	8.1	7.7	11.5

Manual Integrations
APPROVED

apatel
7/7/2015 4:26:15 PM



#88

Benzo(k)fluoranthene

Concen: 43.75 ng

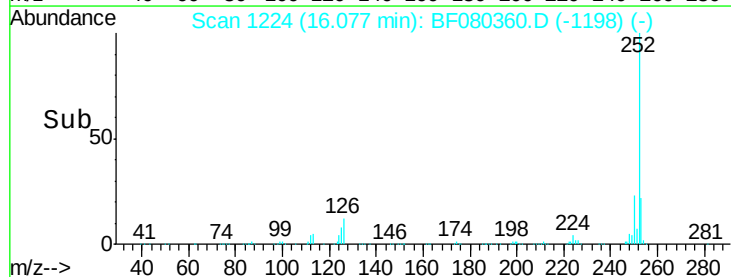
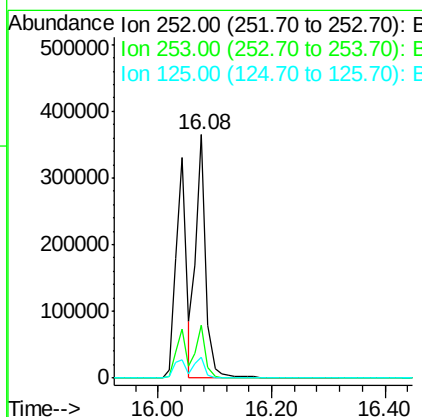
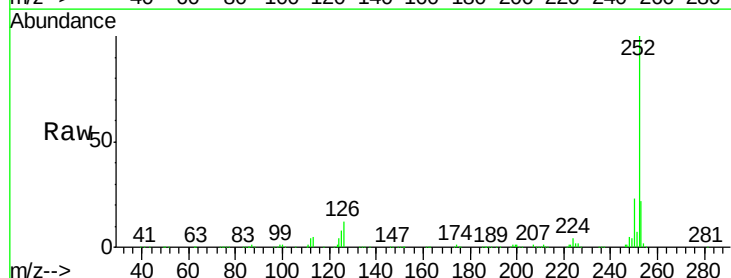
RT: 16.08 min Scan# 1224

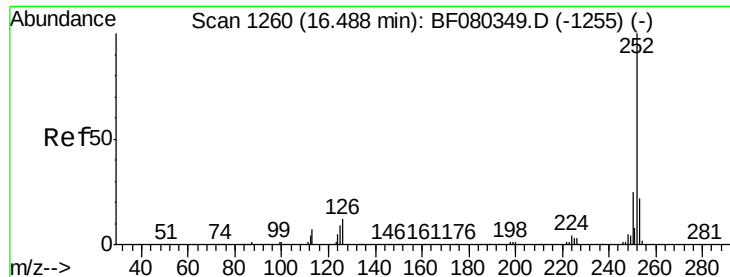
Delta R.T. -0.00 min

Lab File: BF080360.D

Acq: 6 Jul 2015 22:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	8.4	8.5	12.7#





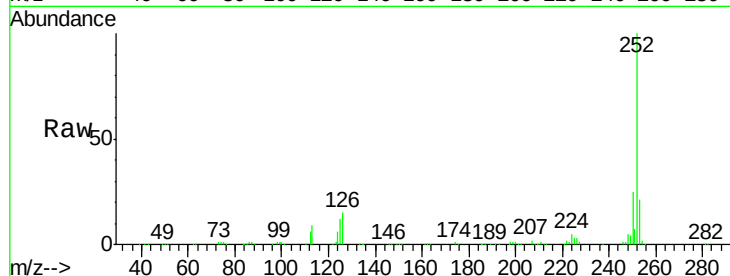
#89
Benzo(a)pyrene
Concen: 41.30 ng
RT: 16.48 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF080360.D
Acq: 6 Jul 2015 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.8	26.8
125	11.8	7.3	10.9

Manual Integrations
APPROVED

apatel
7/7/2015 4:26:15 PM

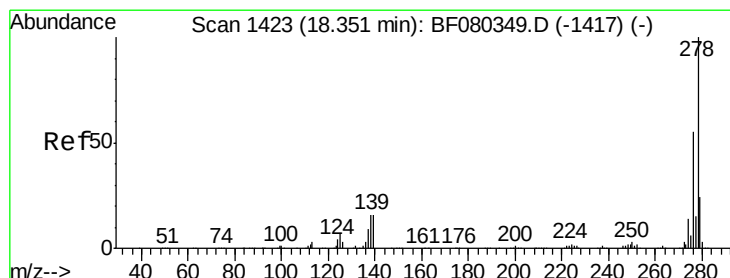
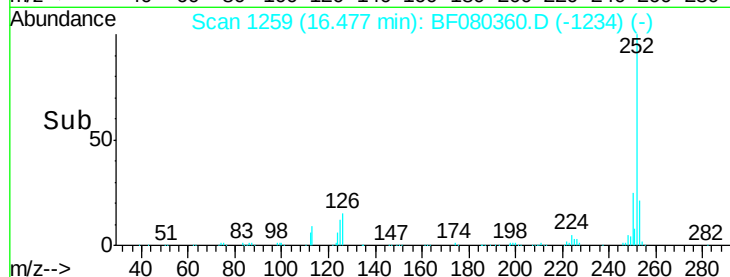
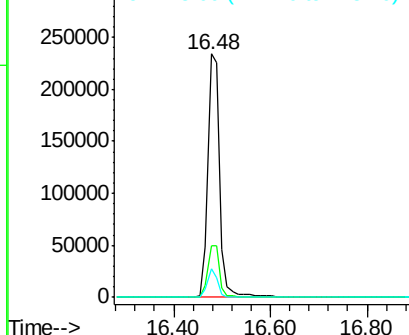


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Dibenzo(a,h)anthracene
Concen: 40.87 ng
RT: 18.35 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF080360.D
Acq: 6 Jul 2015 22:51

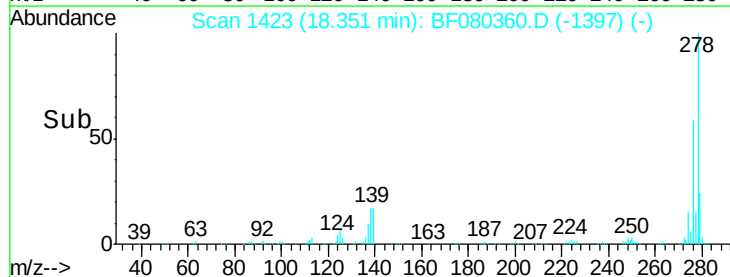
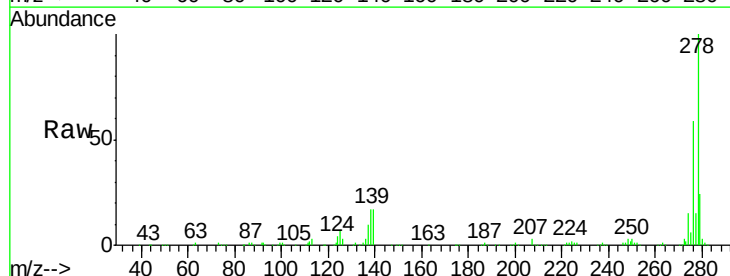
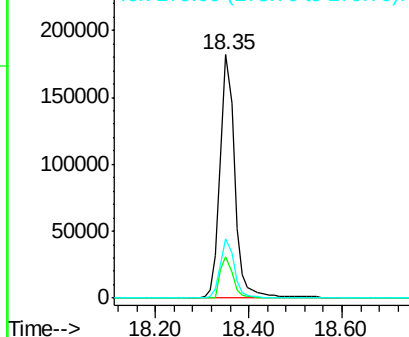
Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.0	13.0	19.6
279	24.2	19.1	28.7

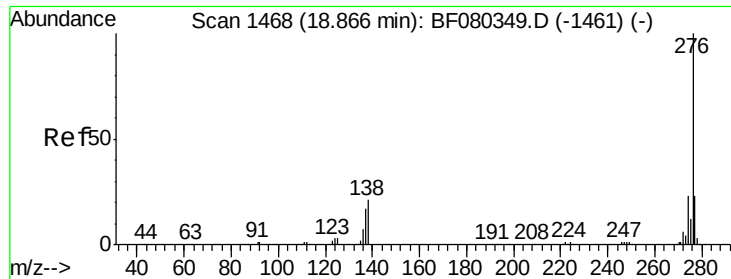
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 41.06 ng
 RT: 18.87 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: BF080360.D
 Acq: 6 Jul 2015 22:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	21.6	16.8	25.2

Manual Integrations
 APPROVED

apatel
 7/7/2015 4:26:15 PM

