

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
 Data File : BF082176.D
 Acq On : 10 Oct 2015 15:04
 Operator : UM/IZ
 Sample : PB86050BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86050BS

Manual Integrations
 APPROVED

MMDadoda
 10/12/2015 2:32:42 PM

Quant Time: Oct 12 02:22:55 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 01:46:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	83289	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	335386	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	168854	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	321556	20.00	ng	0.00
75) Chrysene-d12	14.01	240	304194	20.00	ng	0.00
86) Perylene-d12	15.44	264	252583	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	449873	109.01	ng	0.01
7) Phenol-d6	6.48	99	643924	119.90	ng	0.00
23) Nitrobenzene-d5	7.41	82	370995	74.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	173306	109.44	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	818671	80.40	ng	0.00
78) Terphenyl-d14	12.96	244	876921	76.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	61158	29.50	ng	# 95
3) Pyridine	3.23	79	166348	34.49	ng	95
4) n-Nitrosodimethylamine	3.19	42	66011	32.27	ng	# 97
6) Aniline	6.50	93	146724	21.19	ng	100
8) 2-Chlorophenol	6.62	128	172175	34.18	ng	# 76
9) Benzaldehyde	6.39	77	85428	31.15	ng	91
10) Phenol	6.49	94	232437	37.54	ng	91
11) bis(2-Chloroethyl)ether	6.58	93	180139	34.40	ng	94
12) 1,3-Dichlorobenzene	6.78	146	207575	35.38	ng	98
13) 1,4-Dichlorobenzene	6.86	146	214489	35.01	ng	98
14) 1,2-Dichlorobenzene	7.01	146	200357	34.44	ng	96
15) Benzyl Alcohol	6.98	79	133757	36.08	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.12	45	251797	34.53	ng	100
17) 2-Methylphenol	7.10	107	140901	35.37	ng	98
18) Hexachloroethane	7.35	117	72710	34.67	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	127331	33.76	ng	91
20) 3+4-Methylphenols	7.26	107	180155	37.95	ng	92
22) Acetophenone	7.26	105	241878	36.46	ng	# 94
24) Nitrobenzene	7.43	77	188636	34.89	ng	90
25) Isophorone	7.67	82	348390	34.56	ng	96
26) 2-Nitrophenol	7.75	139	97465	36.11	ng	92
27) 2,4-Dimethylphenol	7.78	122	166041	38.18	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	212036	36.15	ng	98
29) 2,4-Dichlorophenol	7.99	162	173414	39.89	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	178780	35.68	ng	98
31) Naphthalene	8.15	128	538956	37.07	ng	100
32) Benzoic acid	7.91	122	100398	34.40	ng	98
33) 4-Chloroaniline	8.21	127	77590	12.85	ng	96
34) Hexachlorobutadiene	8.26	225	110708	35.46	ng	98
35) Caprolactam	8.57	113	47998m	38.04	ng	
36) 4-Chloro-3-methylphenol	8.69	107	159260	37.46	ng	98
37) 2-Methylnaphthalene	8.85	142	357224	35.44	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	180621	35.96	ng	98
40) Hexachlorocyclopentadiene	8.99	237	185728	73.80	ng	100

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
 Data File : BF082176.D
 Acq On : 10 Oct 2015 15:04
 Operator : UM/IZ
 Sample : PB86050BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 PB86050BS

Manual Integrations
 APPROVED

MMDadoda
 10/12/2015 2:32:42 PM

Quant Time: Oct 12 02:22:55 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 01:46:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	117258	35.15	ng	99
43) 2,4,5-Trichlorophenol	9.17	196	128871	35.66	ng	97
45) 1,1'-Biphenyl	9.30	154	442455	34.36	ng	98
46) 2-Chloronaphthalene	9.33	162	352753	34.80	ng	# 93
47) 2-Nitroaniline	9.43	65	99119	35.62	ng	99
48) Acenaphthylene	9.75	152	589229	37.32	ng	99
49) Dimethylphthalate	9.61	163	443064	37.26	ng	99
50) 2,6-Dinitrotoluene	9.68	165	91849	36.61	ng	# 80
51) Acenaphthene	9.92	154	342721	36.15	ng	99
52) 3-Nitroaniline	9.84	138	46752	16.50	ng	# 79
53) 2,4-Dinitrophenol	9.95	184	108109	77.34	ng	99
54) Dibenzofuran	10.09	168	517542	39.77	ng	99
55) 4-Nitrophenol	10.01	139	127053	68.77	ng	92
56) 2,4-Dinitrotoluene	10.08	165	132780	42.34	ng	89
57) Fluorene	10.43	166	415788	38.90	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	107974	36.57	ng	100
59) Diethylphthalate	10.31	149	422334	38.11	ng	100
60) 4-Chlorophenyl-phenylether	10.42	204	184720	37.73	ng	97
61) 4-Nitroaniline	10.46	138	91122	33.15	ng	92
62) Azobenzene	10.58	77	400976	36.97	ng	98
64) 4,6-Dinitro-2-methylphenol	10.49	198	63838	35.38	ng	83
65) n-Nitrosodiphenylamine	10.55	169	367065	38.13	ng	100
66) 4-Bromophenyl-phenylether	10.91	248	120113	37.32	ng	96
67) Hexachlorobenzene	10.97	284	121259	34.84	ng	# 61
68) Atrazine	11.07	200	116569	38.22	ng	99
69) Pentachlorophenol	11.18	266	140437	78.42	ng	97
70) Phenanthrene	11.39	178	591203	37.51	ng	100
71) Anthracene	11.44	178	636360	39.18	ng	99
72) Carbazole	11.60	167	525791	35.49	ng	99
73) Di-n-butylphthalate	11.93	149	686933	37.58	ng	99
74) Fluoranthene	12.58	202	654593	38.67	ng	99
76) Benzidine	12.71	184	265302	30.10	ng	98
77) Pyrene	12.81	202	655700	36.32	ng	99
79) Butylbenzylphthalate	13.43	149	285432	34.65	ng	99
80) Benzo(a)anthracene	14.00	228	585640	37.00	ng	100
81) 3,3'-Dichlorobenzidine	13.97	252	128345	21.36	ng	# 96
82) Chrysene	14.04	228	510324	30.60	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	422306	35.93	ng	100
84) Di-n-octyl phthalate	14.60	149	694355	34.40	ng	100
85) Indeno(1,2,3-cd)pyrene	16.86	276	473473	35.72	ng	99
87) Benzo(b)fluoranthene	15.03	252	492539m	32.05	ng	
88) Benzo(k)fluoranthene	15.06	252	548423m	42.46	ng	
89) Benzo(a)pyrene	15.38	252	487355	36.90	ng	100
90) Dibenzo(a,h)anthracene	16.87	278	399208	36.89	ng	98
91) Benzo(g,h,i)perylene	17.28	276	380623	36.20	ng	99

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

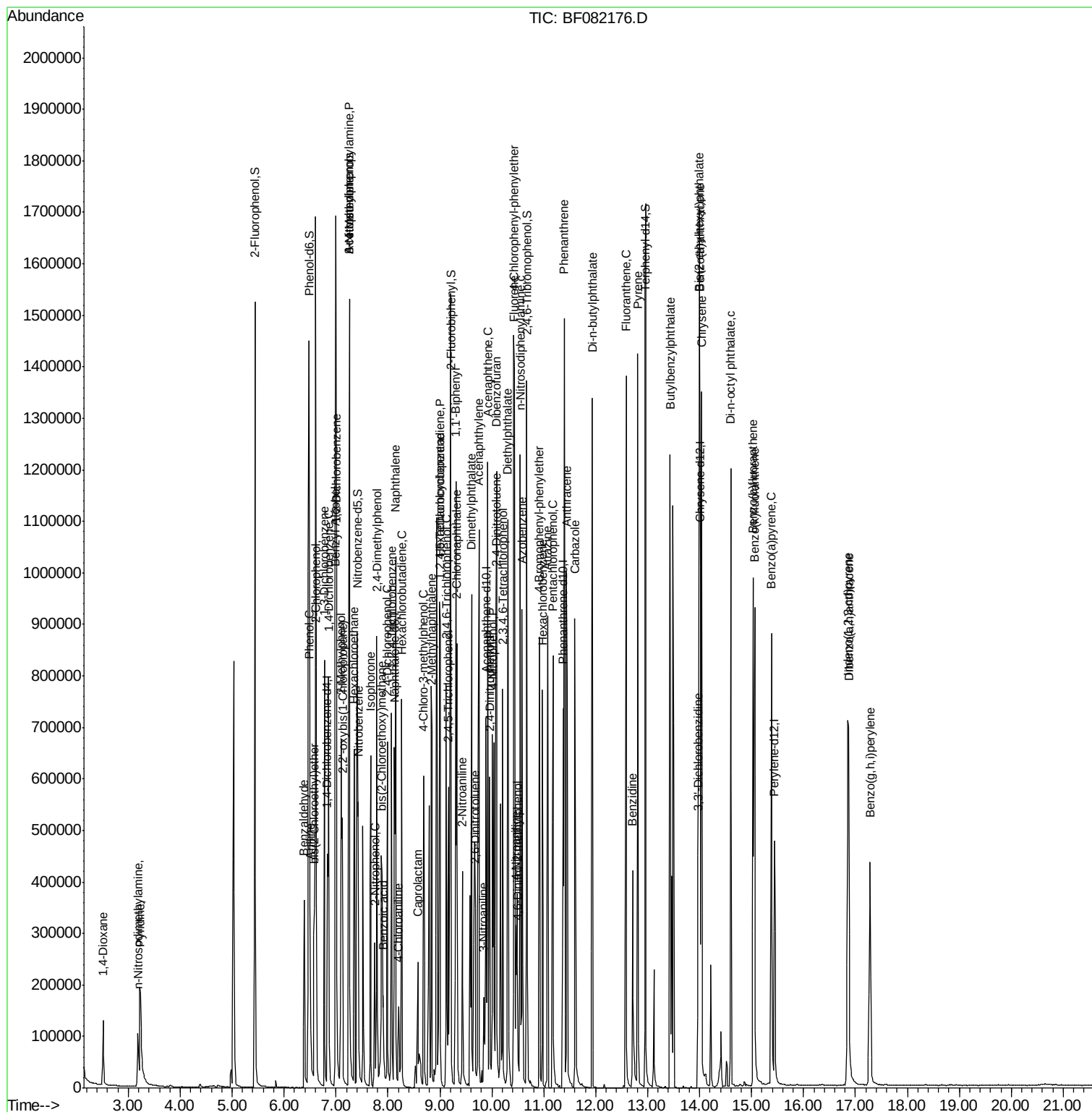
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082176.D
Acq On : 10 Oct 2015 15:04
Operator : UM/IZ
Sample : PB86050BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

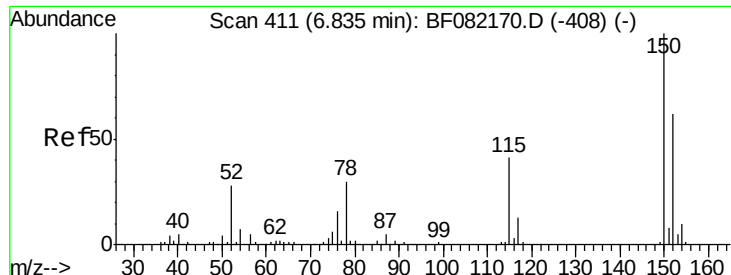
Instrument :
BNA_F
Client Sample ID :
PB86050BS

Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:32:42 PM

Quant Time: Oct 12 02:22:55 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 01:46:21 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Instrument :

BNA_F

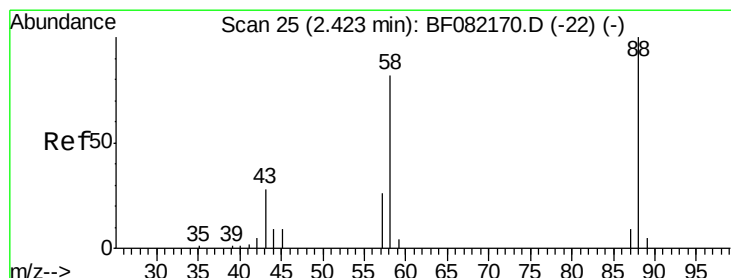
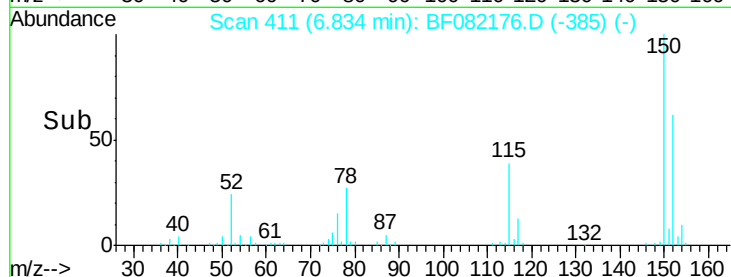
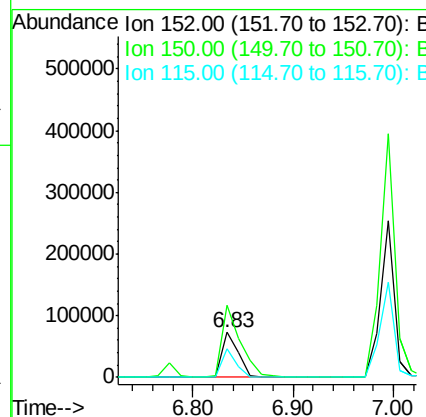
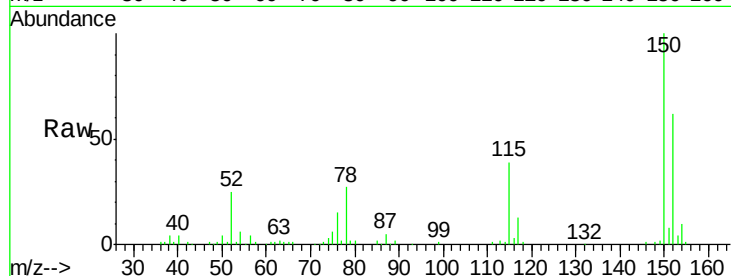
ClientSampleId :

PB86050BS

Tgt Ion:	152	Resp:	83289
Ion Ratio	Lower	Upper	
152	100		
150	160.9	129.0	193.4
115	63.3	52.1	78.1

Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:32:42 PM



#2

1,4-Dioxane

Concen: 29.50 ng

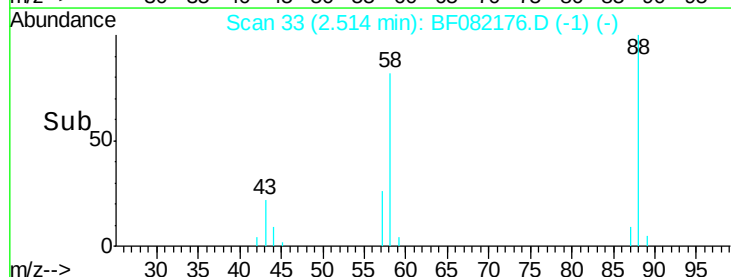
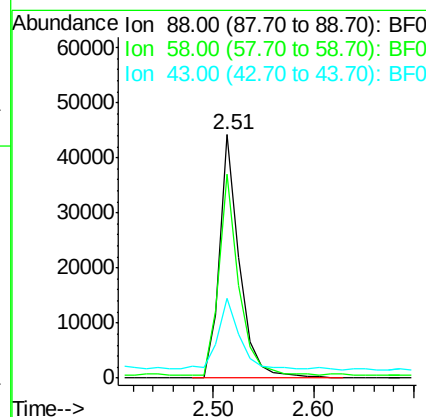
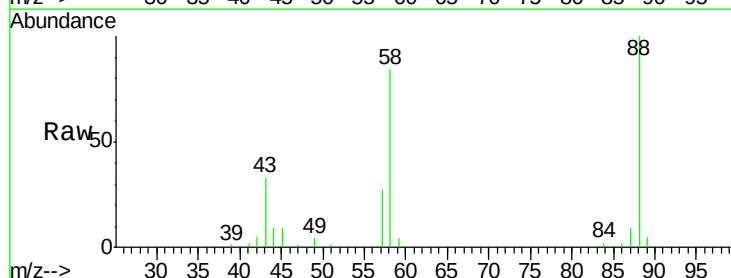
RT: 2.51 min Scan# 33

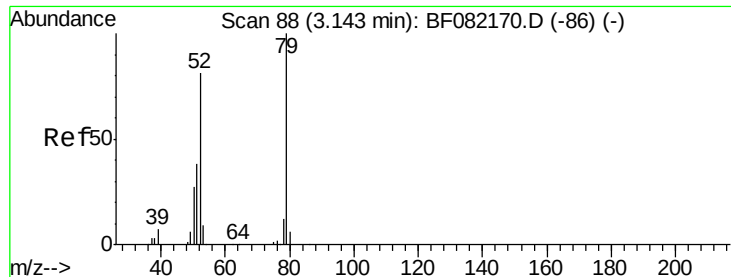
Delta R.T. 0.09 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Tgt Ion:	88	Resp:	61158
Ion Ratio	Lower	Upper	
88	100		
58	81.3	66.2	99.4
43	36.3	23.0	34.4#





#3

Pyridine

Concen: 34.49 ng

RT: 3.23 min Scan# 96

Delta R.T. 0.09 min

Lab File: BF082176.D

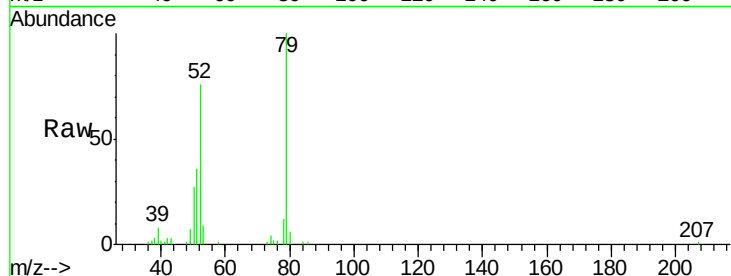
Acq: 10 Oct 2015 15:04

Instrument :

BNA_F

ClientSampleId :

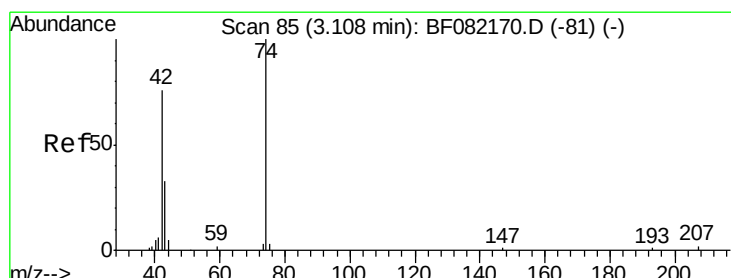
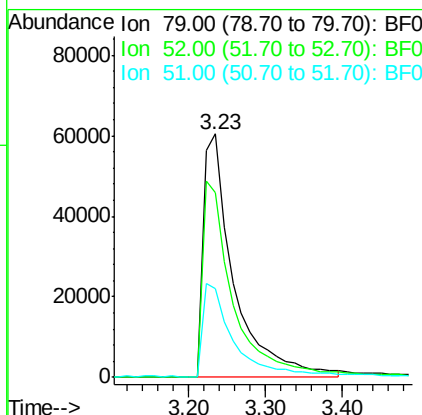
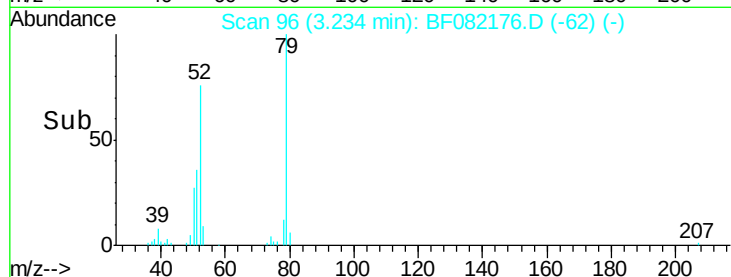
PB86050BS



Tgt Ion	Ratio	Lower	Upper
79	100		
52	75.8	64.4	96.6
51	36.4	30.5	45.7

Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:32:42 PM



#4

n-Nitrosodimethylamine

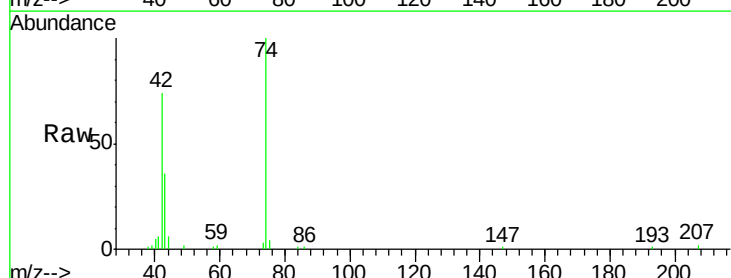
Concen: 32.27 ng

RT: 3.19 min Scan# 92

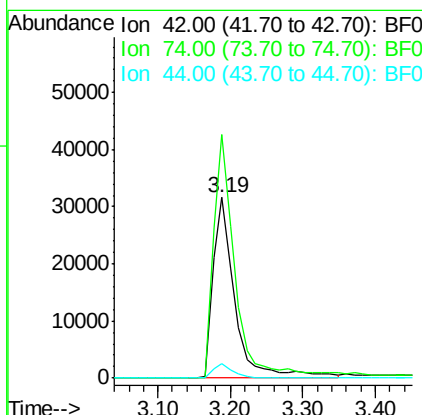
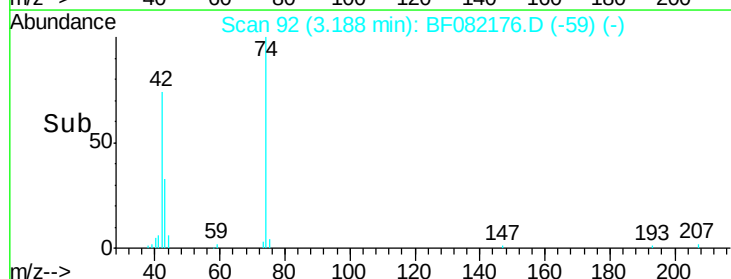
Delta R.T. 0.08 min

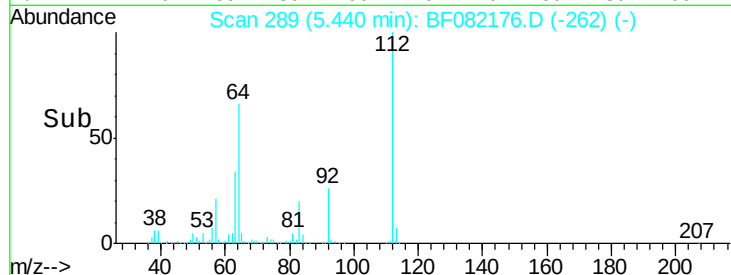
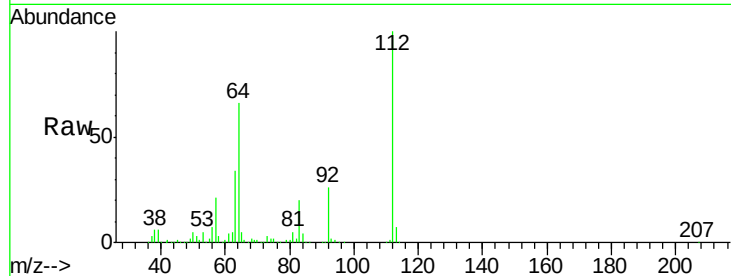
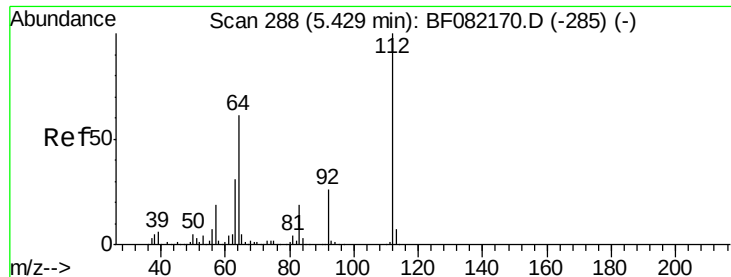
Lab File: BF082176.D

Acq: 10 Oct 2015 15:04



Tgt Ion	Ratio	Lower	Upper
42	100		
74	135.0	105.7	158.5
44	8.2	5.4	8.2#





#5

2-Fluorophenol

Concen: 109.01 ng

RT: 5.44 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Tgt Ion:	112	Resp:	449873
Ion Ratio	Lower	Upper	
112	100		
64	66.1	48.6	73.0
63	34.3	25.1	37.7

Instrument :

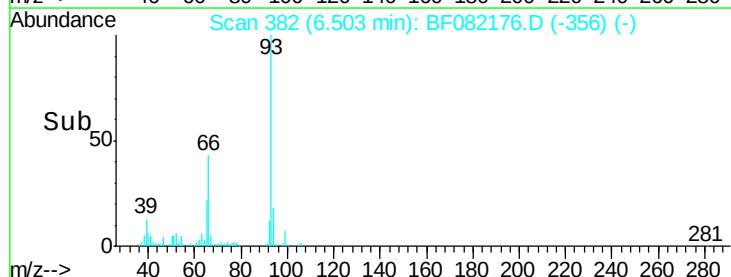
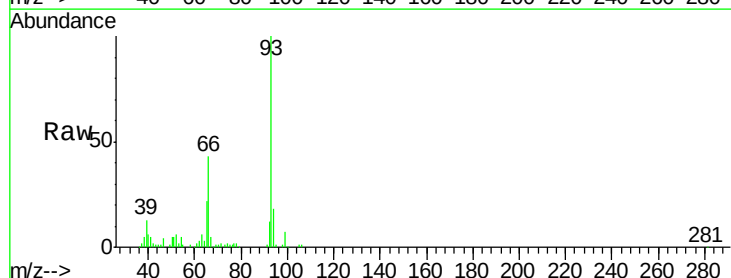
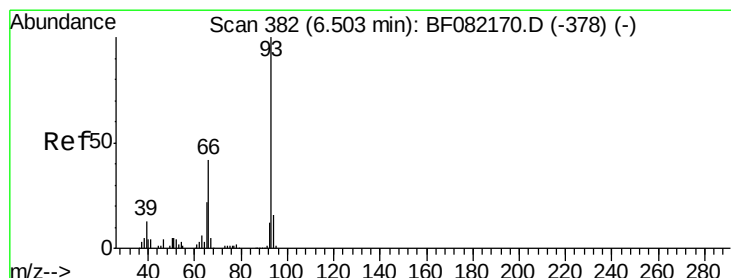
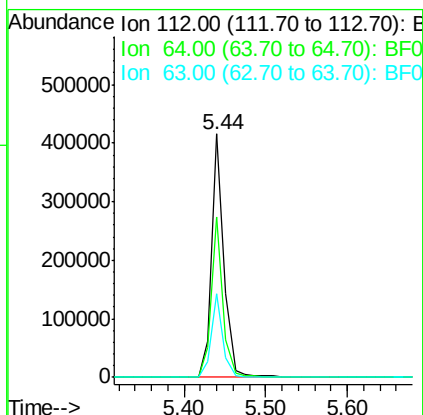
BNA_F

ClientSampleId :

PB86050BS

Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:32:42 PM



#6

Aniline

Concen: 21.19 ng

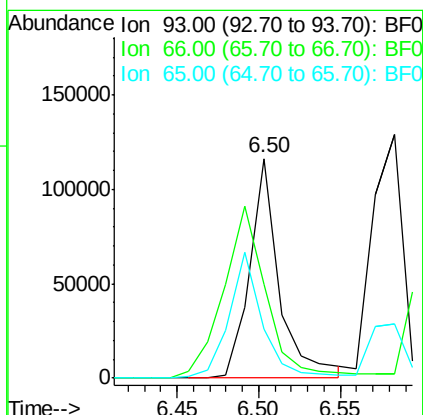
RT: 6.50 min Scan# 382

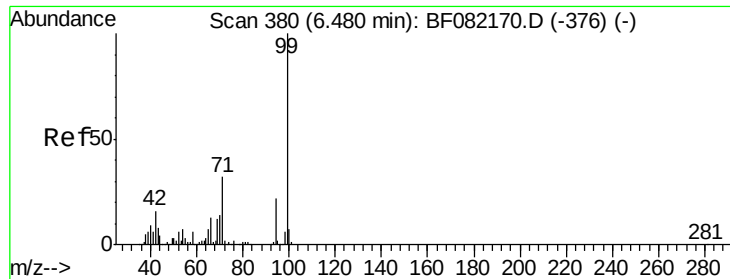
Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Tgt Ion:	93	Resp:	146724
Ion Ratio	Lower	Upper	
93	100		
66	42.7	34.2	51.2
65	22.2	17.9	26.9





#7

Phenol-d6

Concen: 119.90 ng

RT: 6.48 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF082176.D

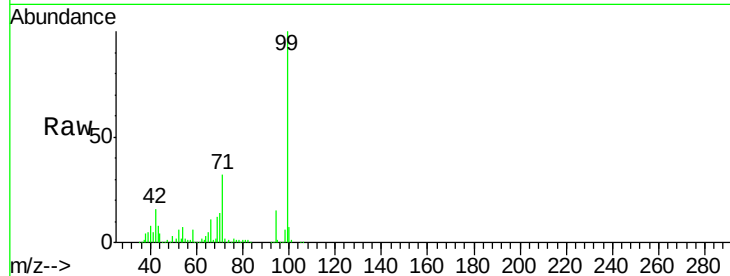
Acq: 10 Oct 2015 15:04

Instrument :

BNA_F

ClientSampleId :

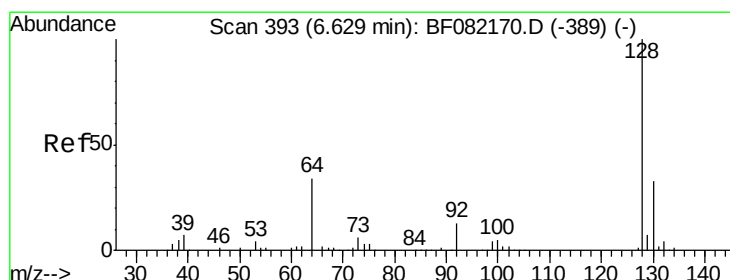
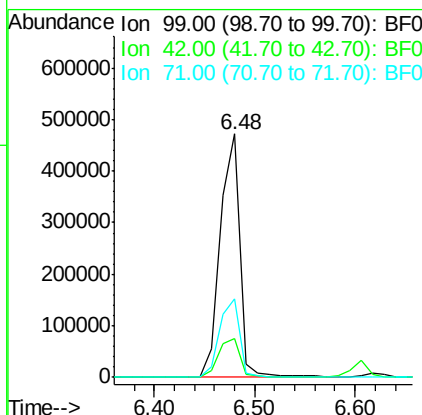
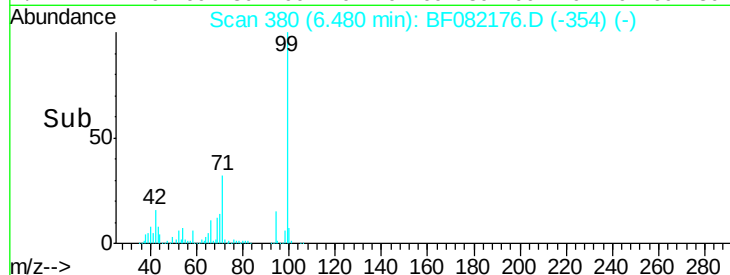
PB86050BS



Tgt Ion	Ratio	Resp	Lower	Upper
99	100	643924		
42	15.8	13.2	19.8	
71	32.1	25.6	38.4	

Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:32:42 PM



#8

2-Chlorophenol

Concen: 34.18 ng

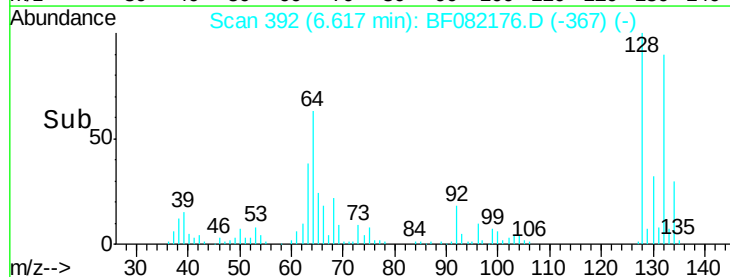
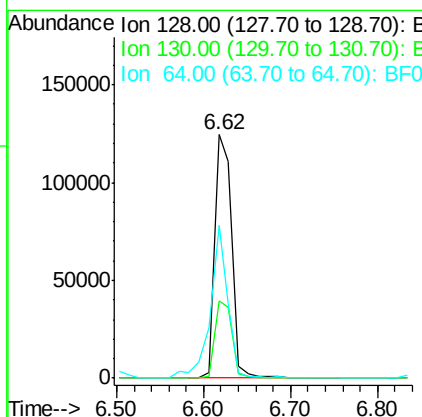
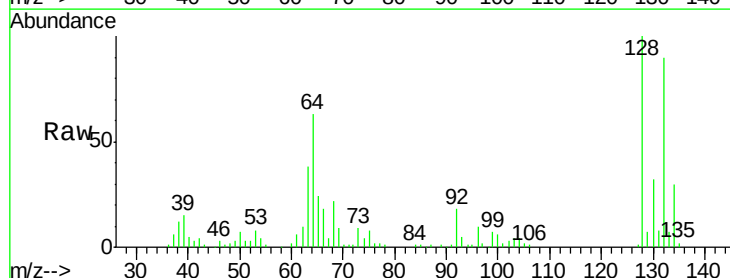
RT: 6.62 min Scan# 392

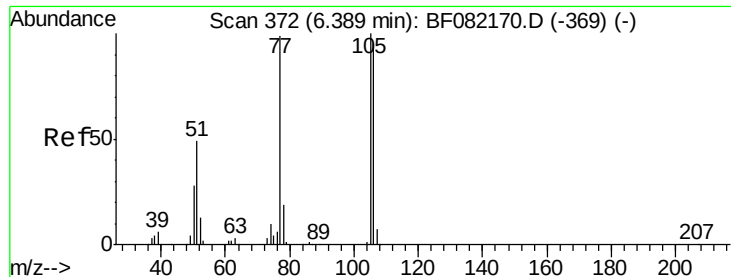
Delta R.T. -0.01 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	172175		
130	31.5	12.6	52.6	
64	62.9	16.7	56.7	





#9

Benzaldehyde

Concen: 31.15 ng

RT: 6.39 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF082176.D

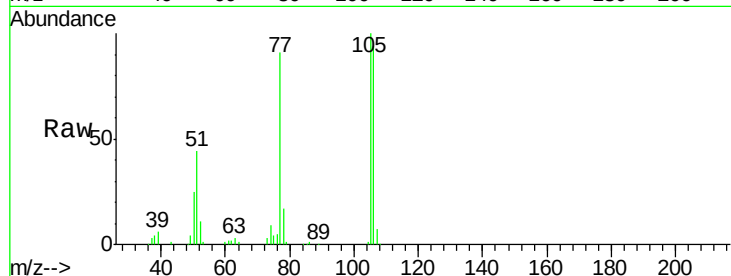
Acq: 10 Oct 2015 15:04

Instrument :

BNA_F

ClientSampleId :

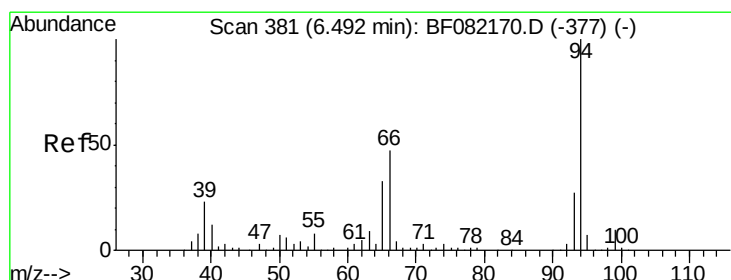
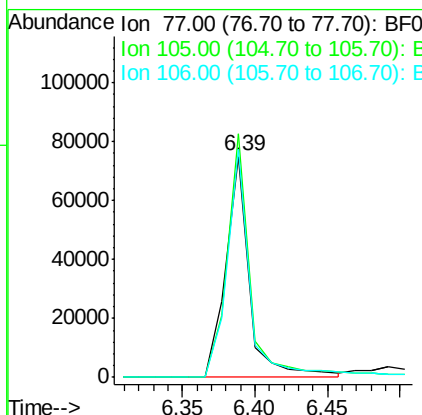
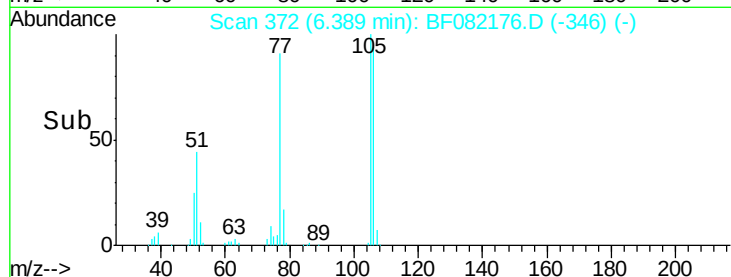
PB86050BS



Tgt Ion:	77	Resp:	85428
Ion	Ratio	Lower	Upper
77	100		
105	110.3	80.6	120.6
106	103.2	75.5	115.5

Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:32:42 PM



#10

Phenol

Concen: 37.54 ng

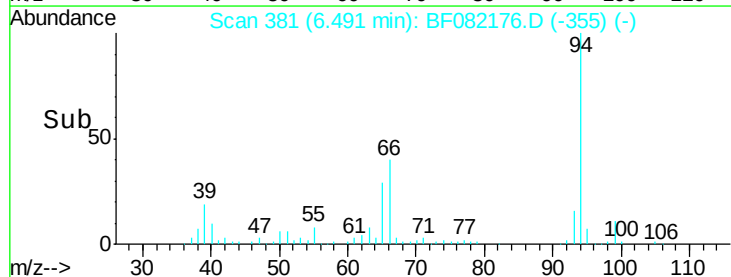
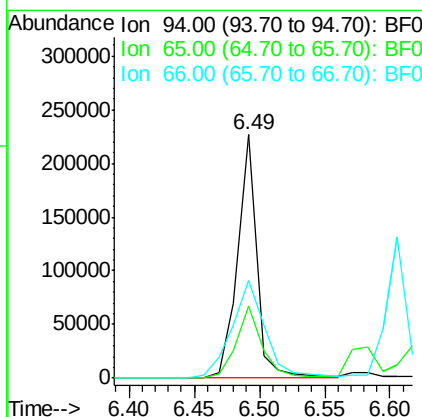
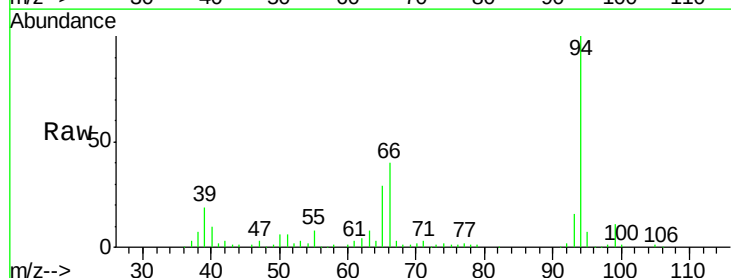
RT: 6.49 min Scan# 381

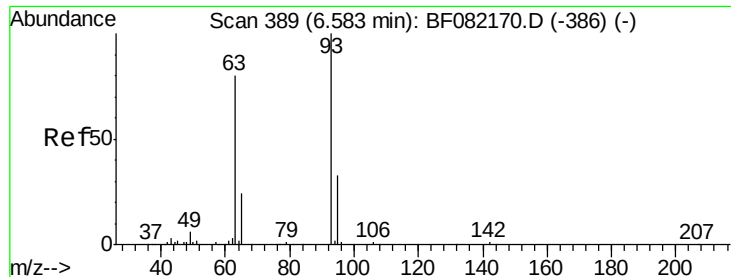
Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Tgt Ion:	94	Resp:	232437
Ion	Ratio	Lower	Upper
94	100		
65	29.4	12.6	52.6
66	40.0	27.3	67.3





#11

bis(2-Chloroethyl)ether

Concen: 34.40 ng

RT: 6.58 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Instrument :

BNA_F

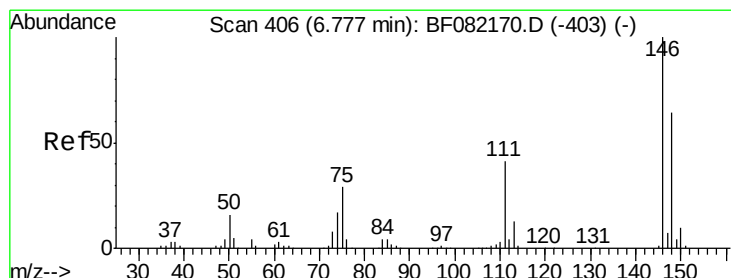
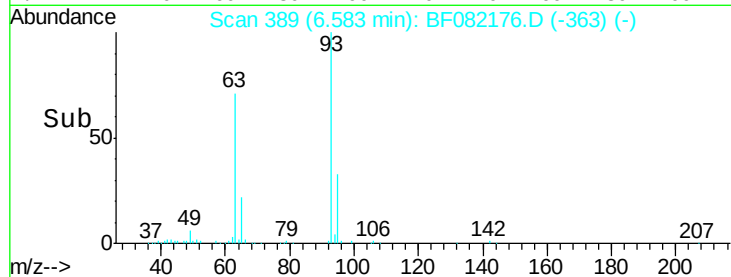
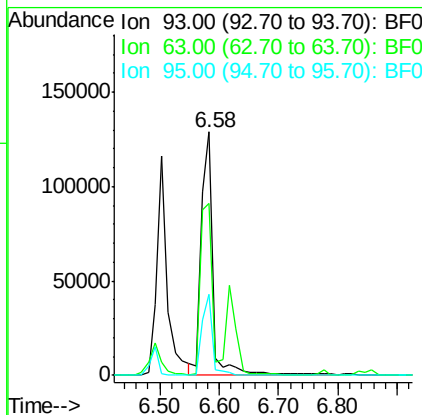
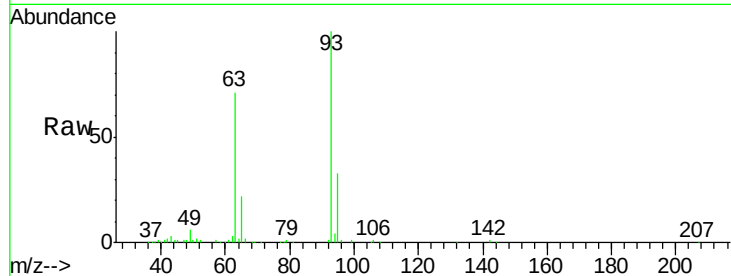
ClientSampleId :

PB86050BS

Tgt Ion:	93	Resp:	180139
Ion	Ratio	Lower	Upper
93	100		
63	70.9	57.1	97.1
95	33.1	11.9	51.9

Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:32:42 PM



#12

1,3-Dichlorobenzene

Concen: 35.38 ng

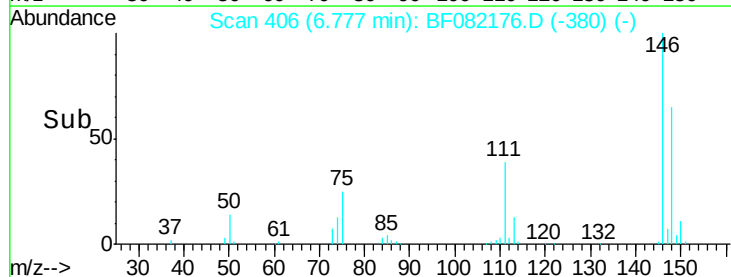
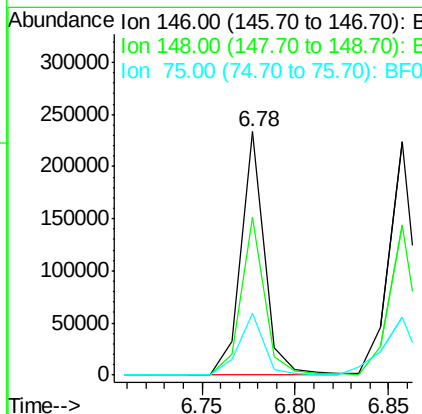
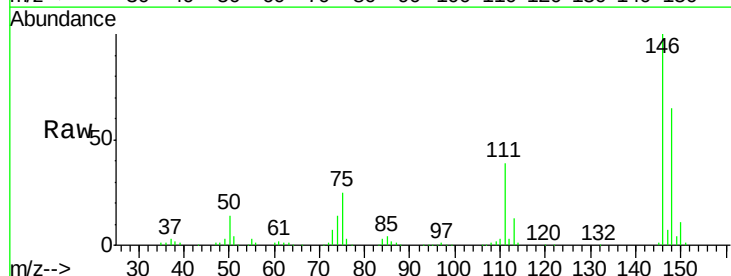
RT: 6.78 min Scan# 406

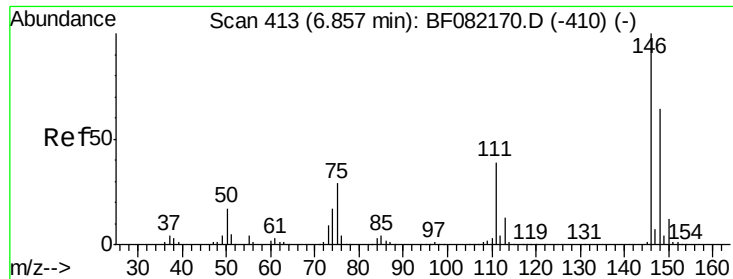
Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Tgt Ion:	146	Resp:	207575
Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.4	77.2
75	25.3	23.0	34.6





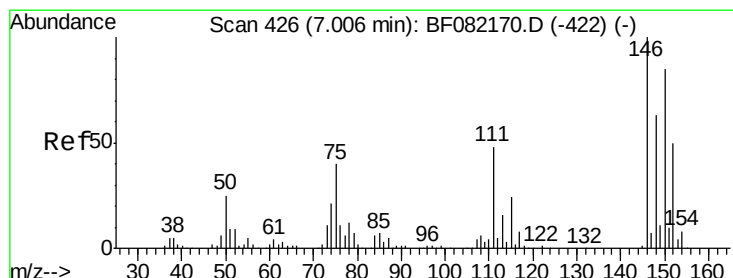
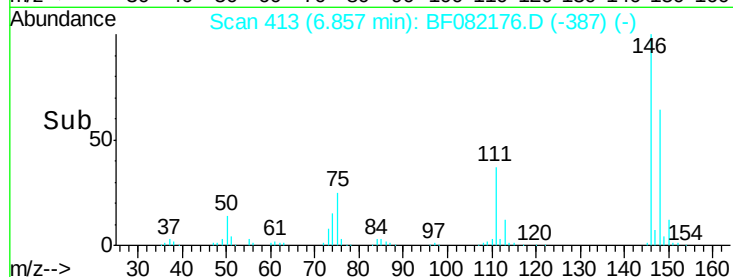
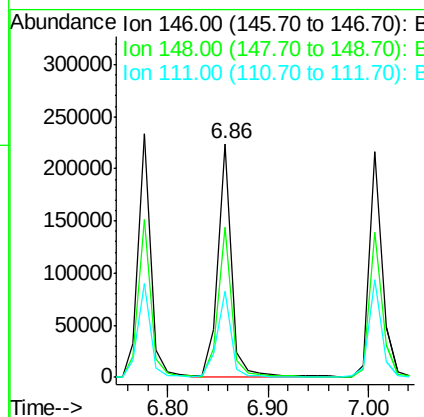
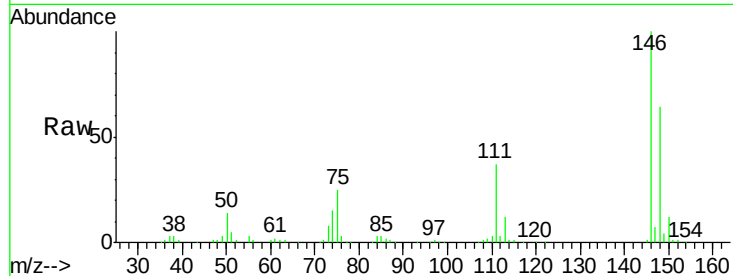
#13
1,4-Dichlorobenzene
Concen: 35.01 ng
RT: 6.86 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF082176.D
Acq: 10 Oct 2015 15:04

Instrument :
BNA_F
ClientSampleId :
PB86050BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	214489		
148	64.5	51.0	76.4	
111	37.1	31.1	46.7	

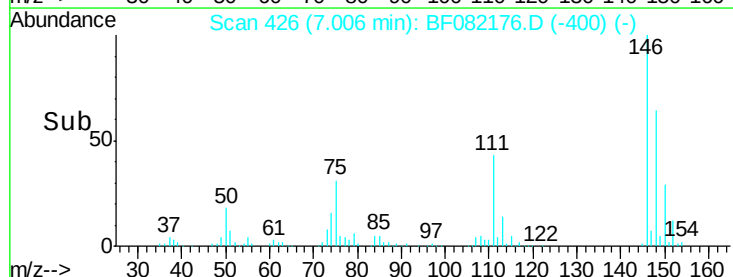
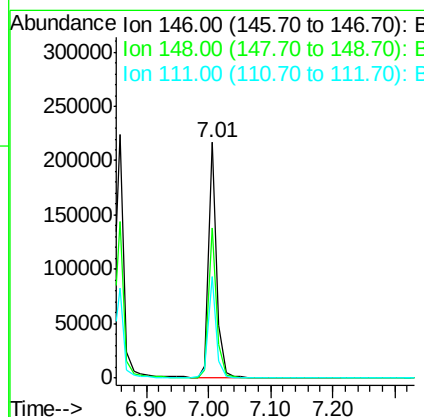
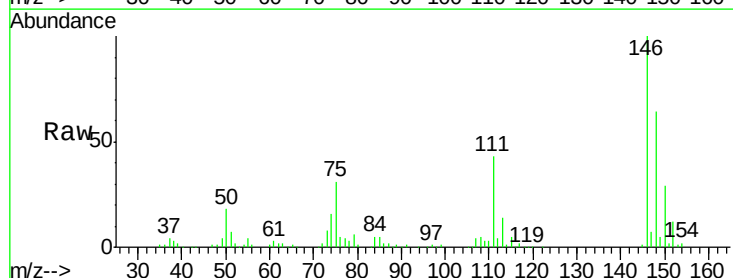
Manual Integrations
APPROVED

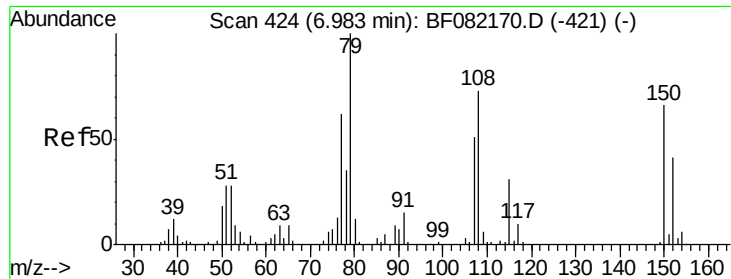
MMDadoda
10/12/2015 2:32:42 PM



#14
1,2-Dichlorobenzene
Concen: 34.44 ng
RT: 7.01 min Scan# 426
Delta R.T. -0.00 min
Lab File: BF082176.D
Acq: 10 Oct 2015 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	200357		
148	63.9	50.5	75.7	
111	43.1	38.5	57.7	





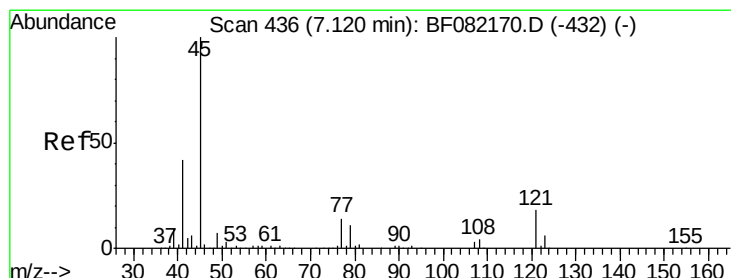
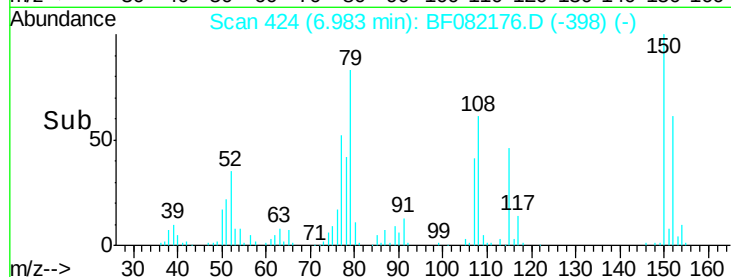
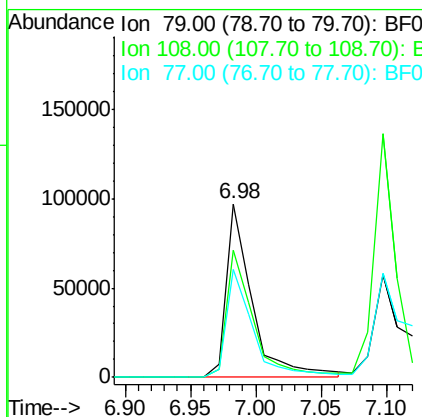
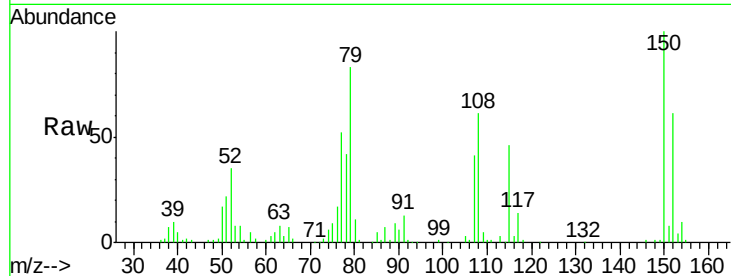
#15
Benzyl Alcohol
Concen: 36.08 ng
RT: 6.98 min Scan# 424
Delta R.T. -0.00 min
Lab File: BF082176.D
Acq: 10 Oct 2015 15:04

Instrument :
BNA_F
ClientSampleId :
PB86050BS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	73.0	58.4	87.6
77	62.2	49.8	74.6

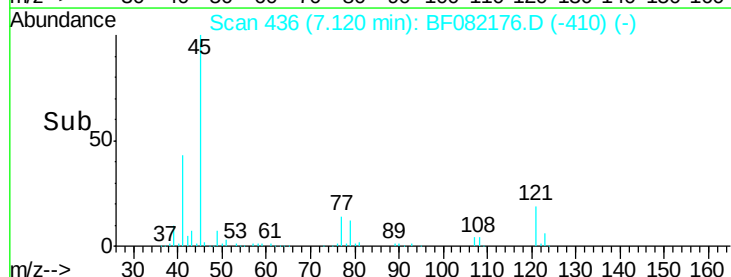
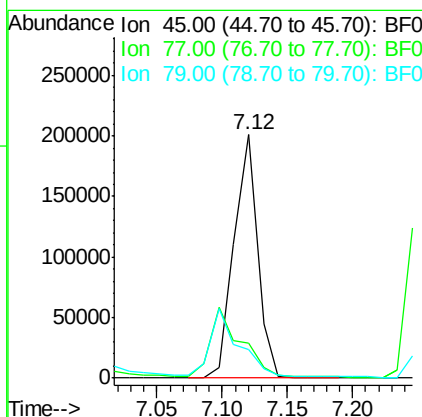
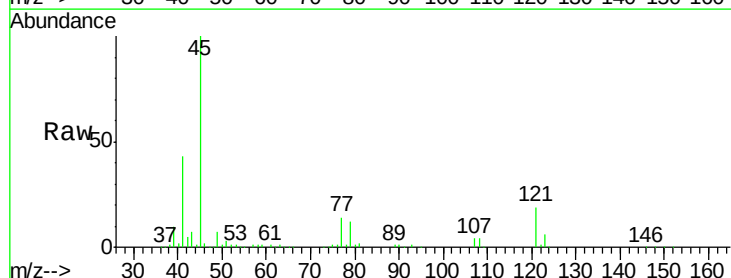
Manual Integrations
APPROVED

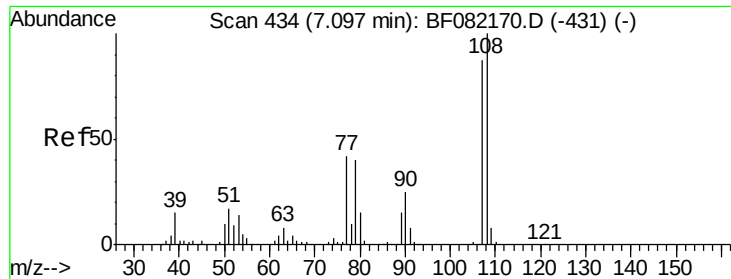
MMDadoda
10/12/2015 2:32:42 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.53 ng
RT: 7.12 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF082176.D
Acq: 10 Oct 2015 15:04

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	34.5
79	11.6	0.0	31.6





#17

2-Methylphenol

Concen: 35.37 ng

RT: 7.10 min Scan# 434

Delta R.T. -0.00 min

Lab File: BF082176.D

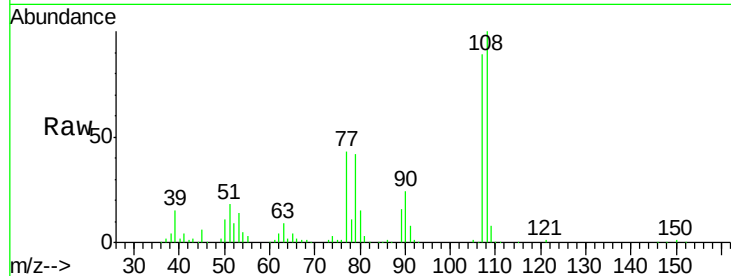
Acq: 10 Oct 2015 15:04

Instrument :

BNA_F

ClientSampleId :

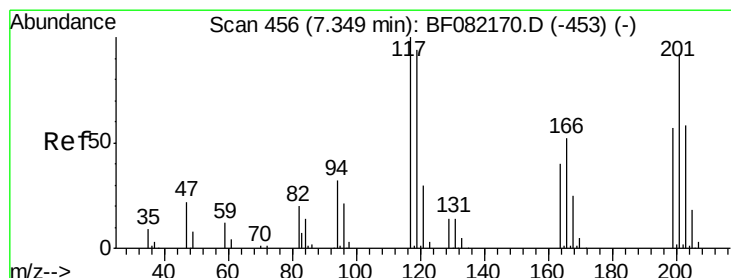
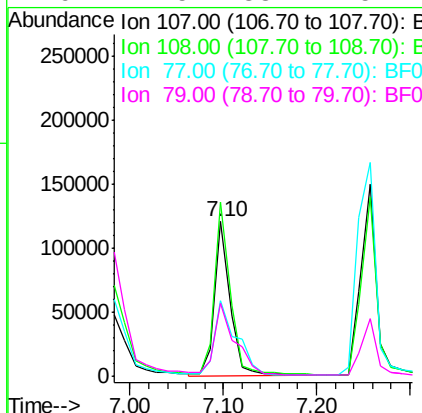
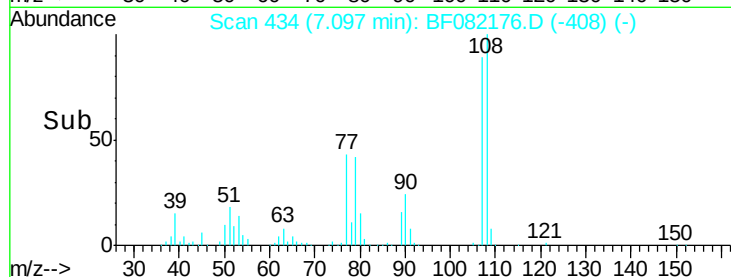
PB86050BS



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	140901		
108	112.8	92.2	138.2	
77	48.5	39.6	59.4	
79	47.5	38.2	57.4	

Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:32:42 PM



#18

Hexachloroethane

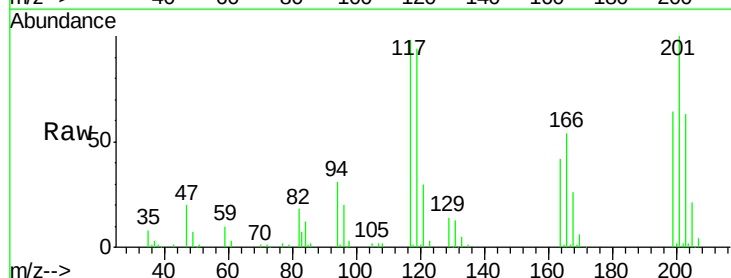
Concen: 34.67 ng

RT: 7.35 min Scan# 456

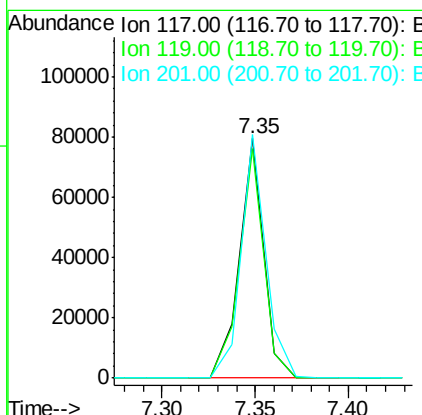
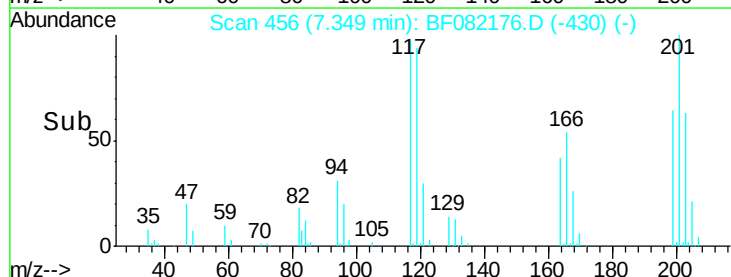
Delta R.T. -0.00 min

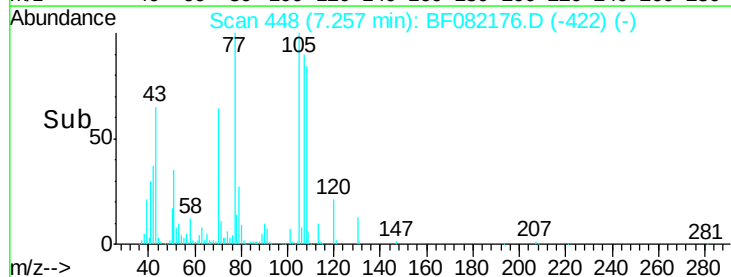
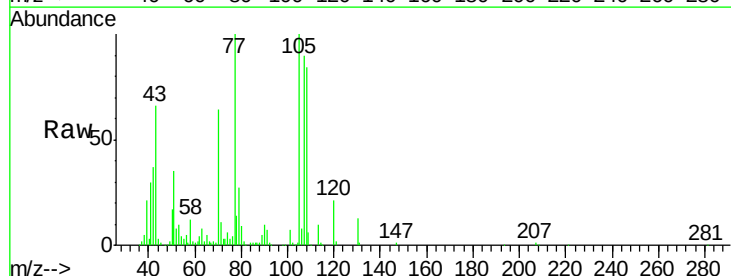
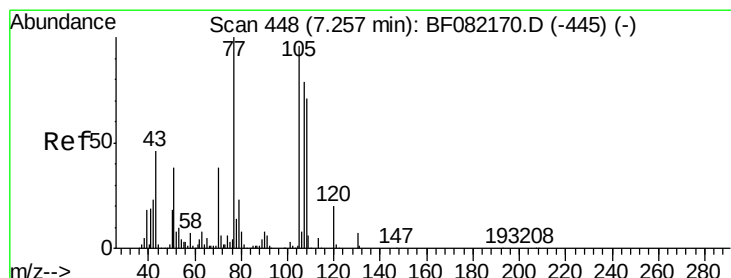
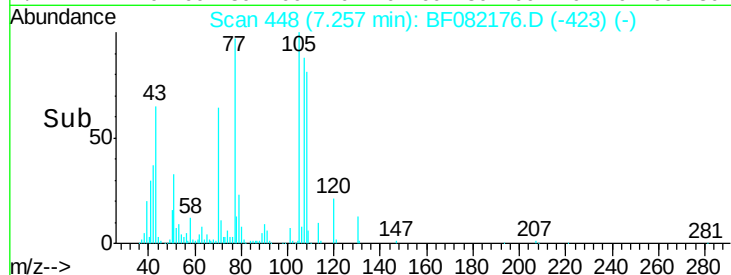
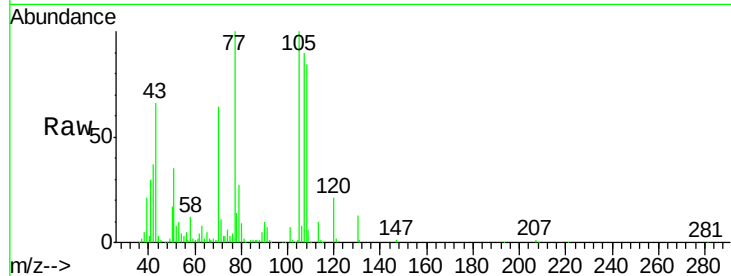
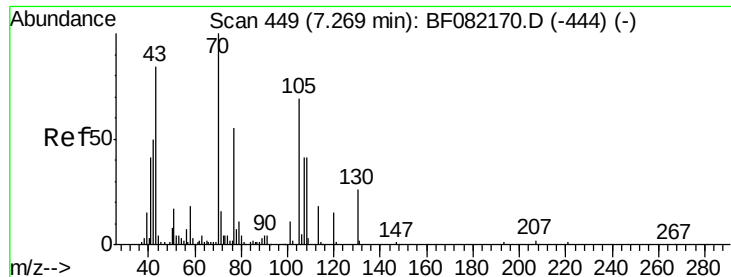
Lab File: BF082176.D

Acq: 10 Oct 2015 15:04



Tgt Ion	Ratio	Resp	Lower	Upper
117	100	72710		
119	96.1	75.4	113.2	
201	101.7	73.4	110.0	

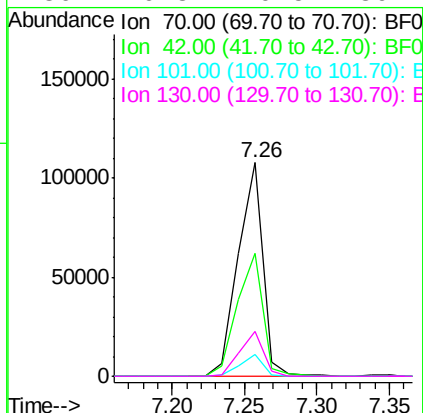




#19
n-Nitroso-di-n-propylamine
Concen: 33.76 ng
RT: 7.26 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF082176.D
Acq: 10 Oct 2015 15:04

Instrument :
BNA_F
ClientSampleId :
PB86050BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	57.3	39.8	59.8
101	10.2	8.6	13.0
130	20.8	20.5	30.7

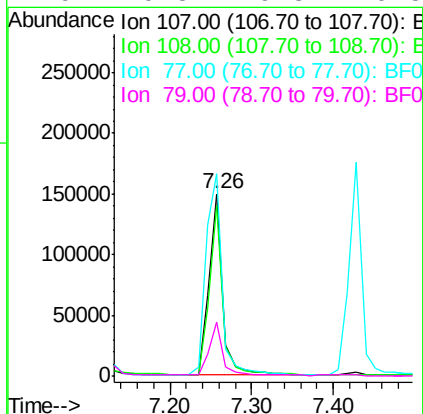


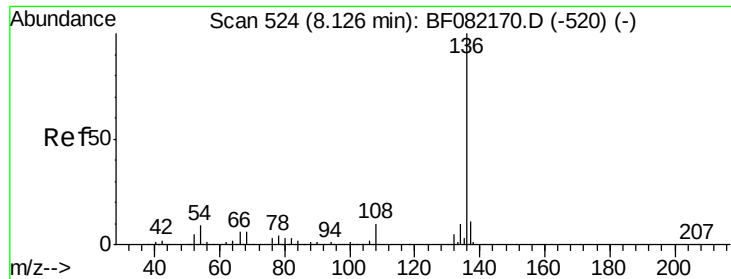
Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:32:42 PM

#20
3+4-Methylphenols
Concen: 37.95 ng
RT: 7.26 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF082176.D
Acq: 10 Oct 2015 15:04

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.2	69.9	109.9
77	111.1	106.0	146.0
79	29.8	9.8	49.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF082176.D

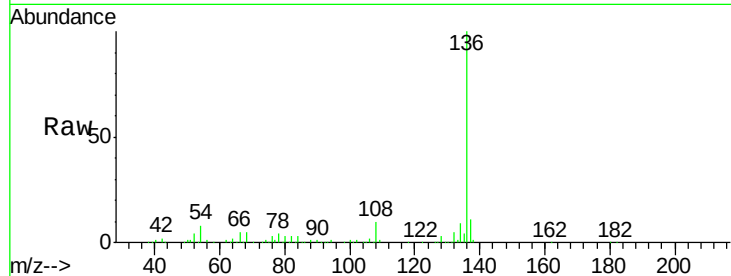
Acq: 10 Oct 2015 15:04

Instrument :

BNA_F

ClientSampleId :

PB86050BS



Tgt Ion:136 Resp: 335386

Ion Ratio Lower Upper

136 100

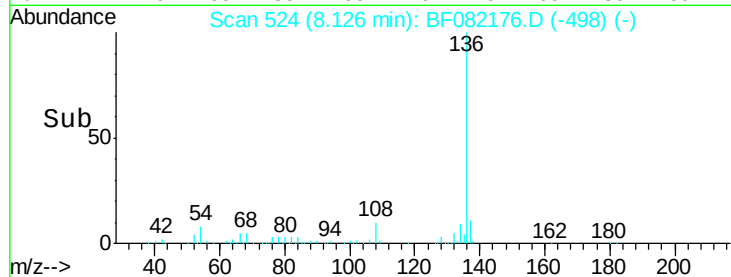
137 11.1 9.0 13.6

54 8.2 7.5 11.3

68 5.5 4.6 7.0

Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:32:42 PM

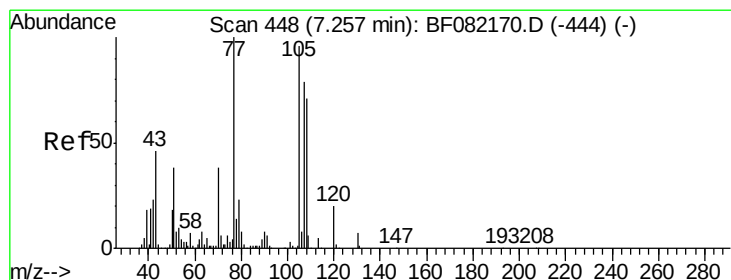
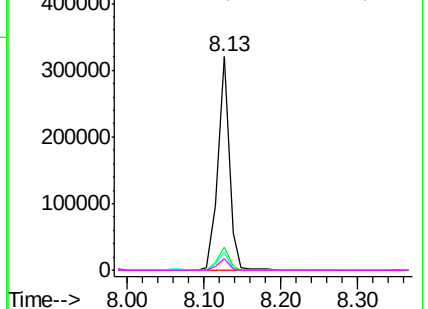


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 36.46 ng

RT: 7.26 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Tgt Ion:105 Resp: 241878

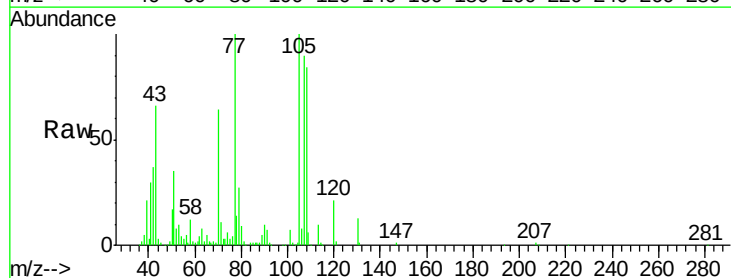
Ion Ratio Lower Upper

105 100

71 10.5 5.4 8.0#

51 34.8 31.8 47.6

120 21.2 16.3 24.5

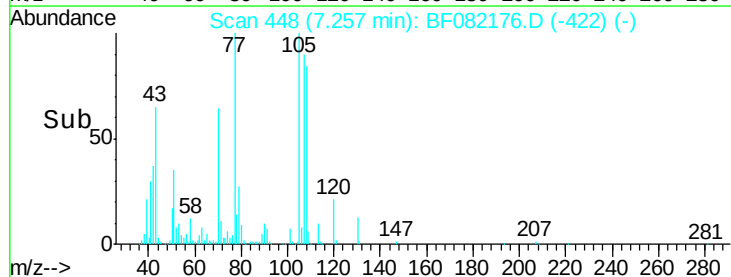
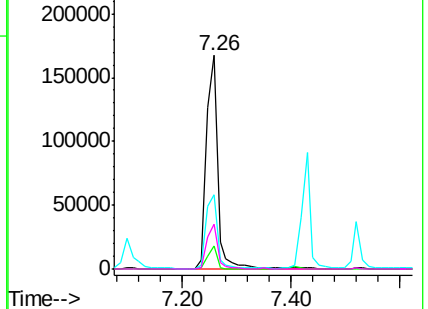


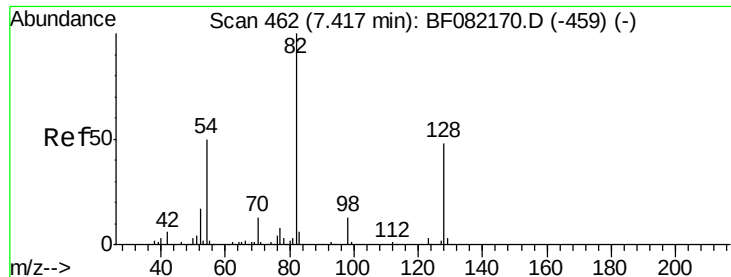
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





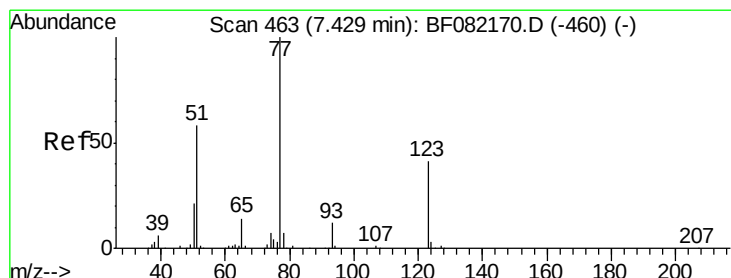
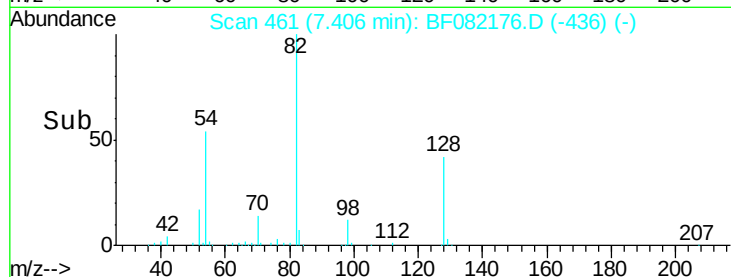
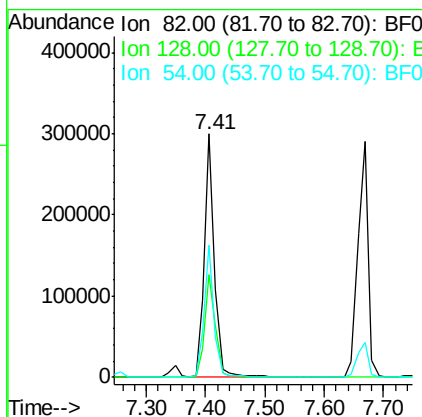
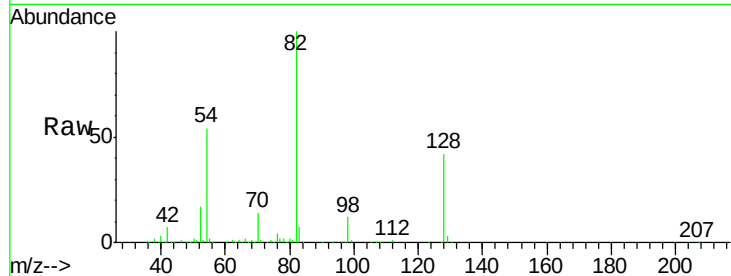
#23
 Nitrobenzene-d5
 Concen: 74.29 ng
 RT: 7.41 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB86050BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.5	38.7	58.1
54	54.1	40.1	60.1

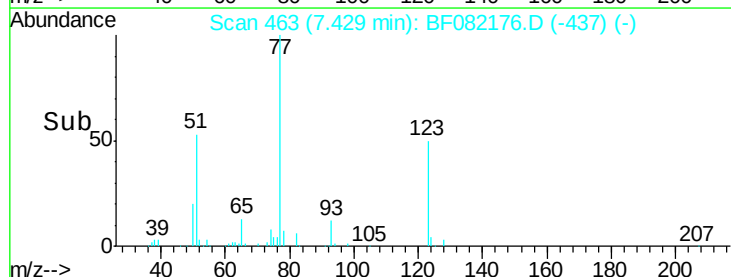
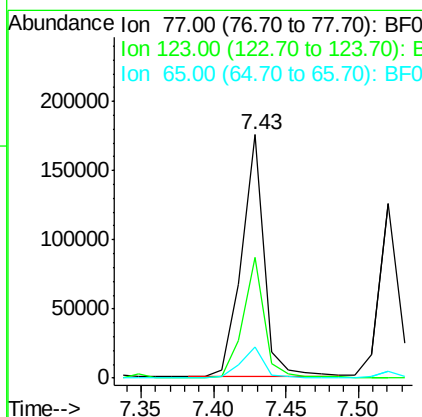
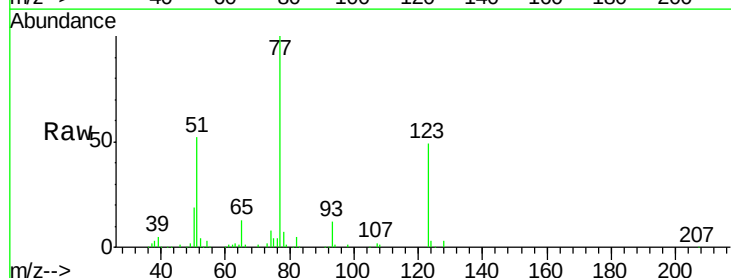
Manual Integrations
 APPROVED

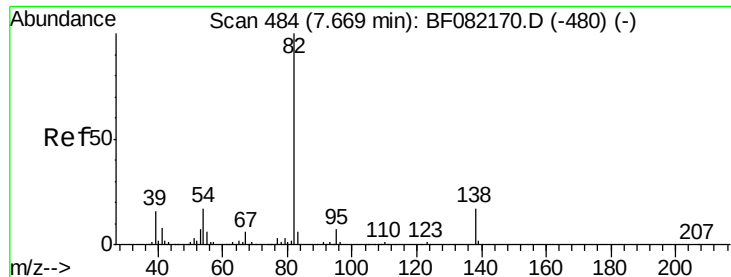
MMDadoda
 10/12/2015 2:32:42 PM



#24
 Nitrobenzene
 Concen: 34.89 ng
 RT: 7.43 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.4	33.0	49.4
65	13.0	11.2	16.8





#25

Isophorone

Concen: 34.56 ng

RT: 7.67 min Scan# 484

Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Instrument :

BNA_F

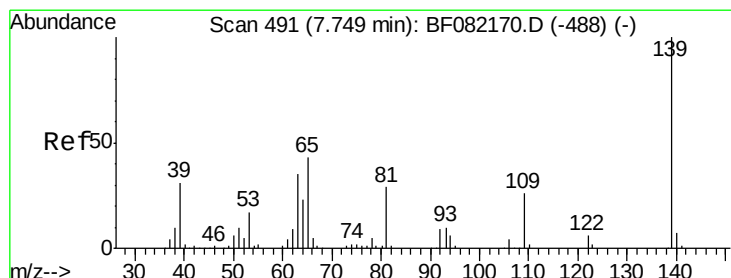
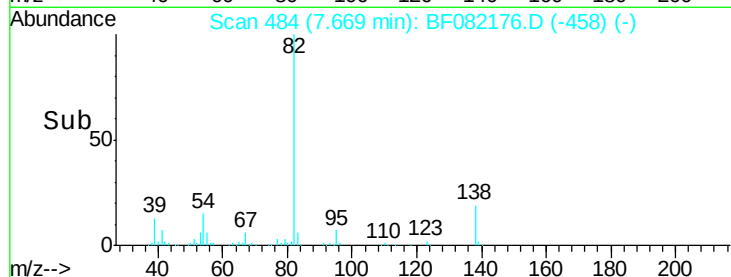
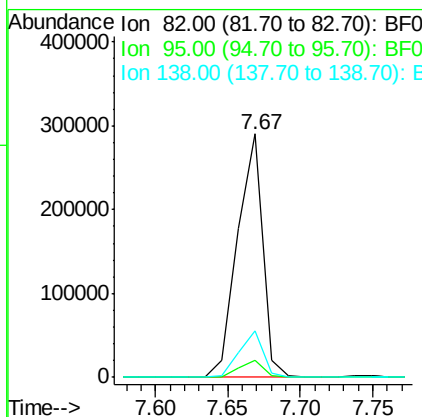
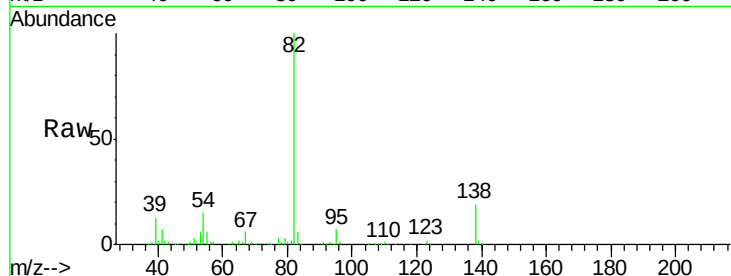
ClientSampleId :

PB86050BS

Tgt Ion:	82	Resp:	348390
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.6	8.4
138	19.3	13.6	20.4

Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:32:42 PM



#26

2-Nitrophenol

Concen: 36.11 ng

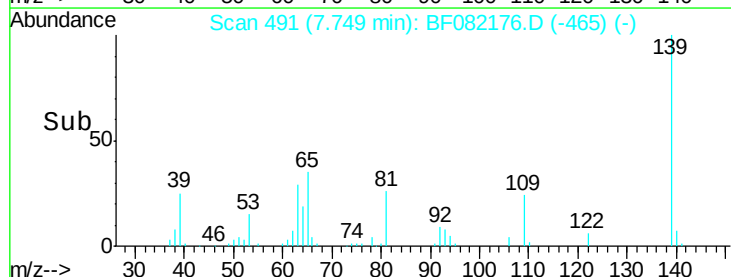
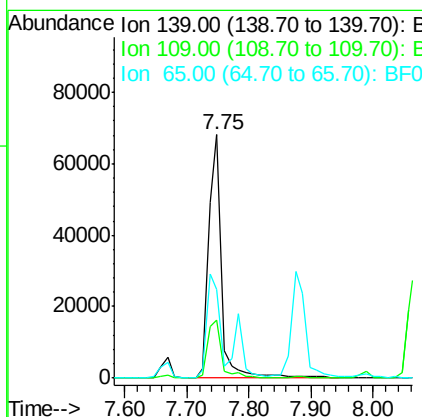
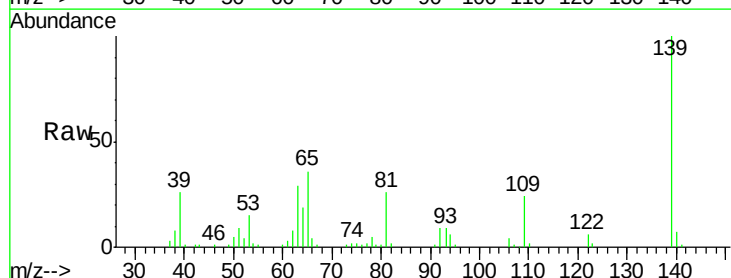
RT: 7.75 min Scan# 491

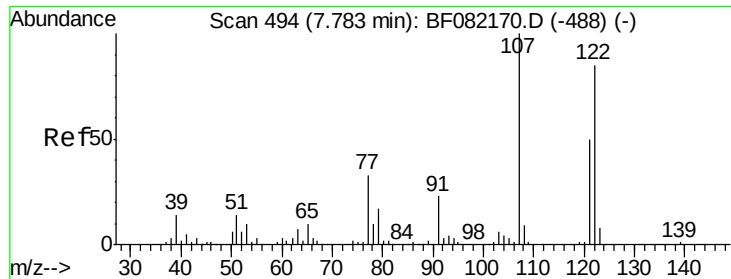
Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Tgt Ion:	139	Resp:	97465
Ion Ratio	Lower	Upper	
139	100		
109	24.0	20.6	31.0
65	36.4	34.3	51.5





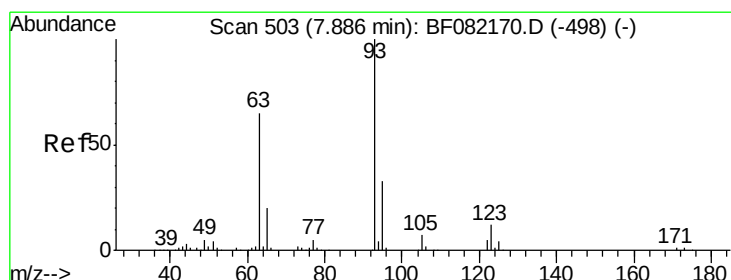
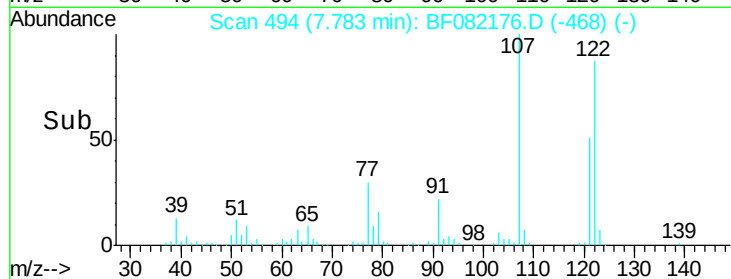
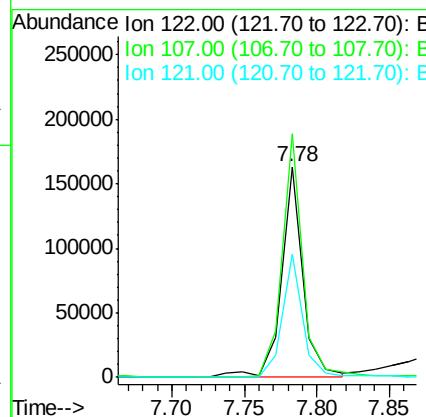
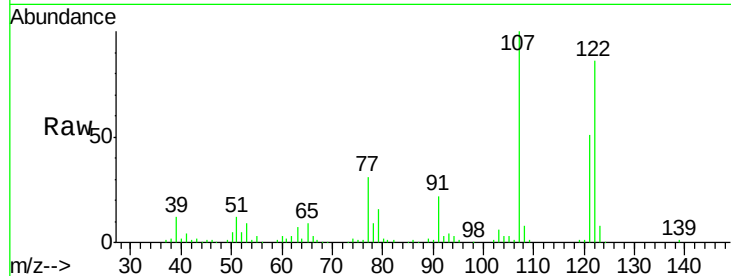
#27
 2,4-Dimethylphenol
 Concen: 38.18 ng
 RT: 7.78 min Scan# 494
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB86050BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	166041		
107	115.7	94.0	141.0	
121	58.9	46.8	70.2	

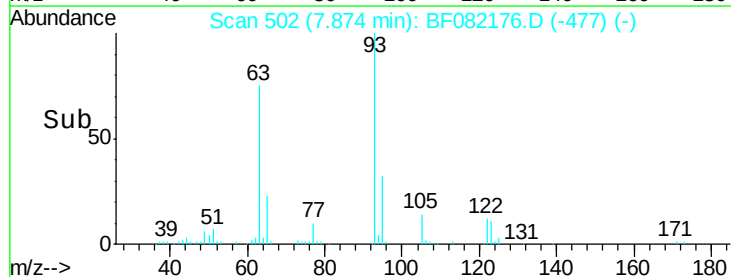
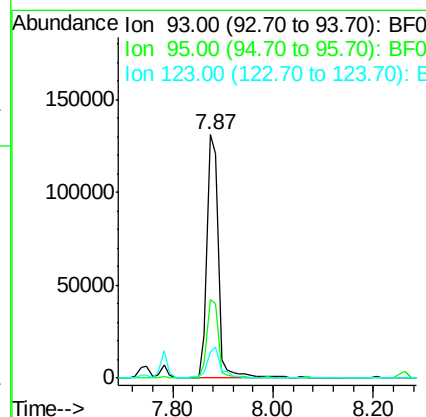
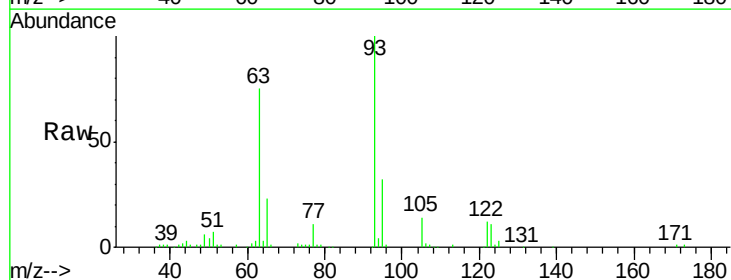
Manual Integrations
 APPROVED

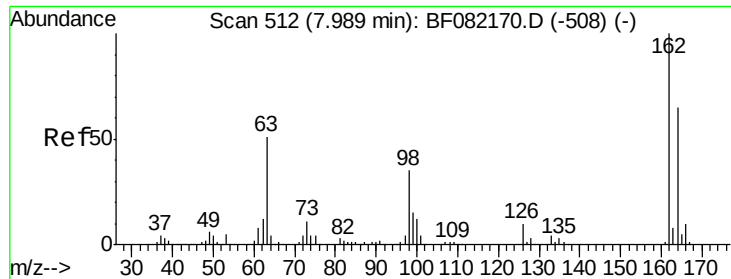
MMDadoda
 10/12/2015 2:32:42 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.15 ng
 RT: 7.87 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	212036		
95	32.2	26.6	39.8	
123	10.7	9.5	14.3	





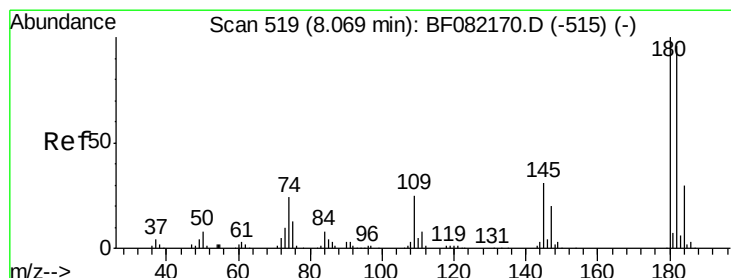
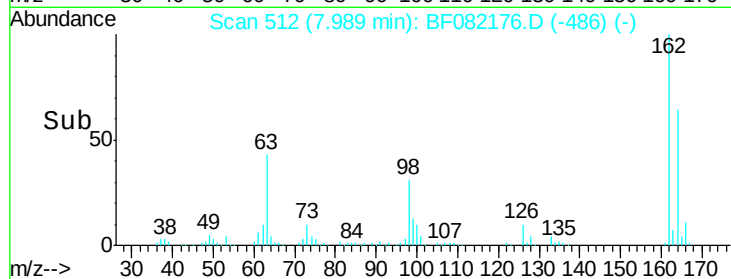
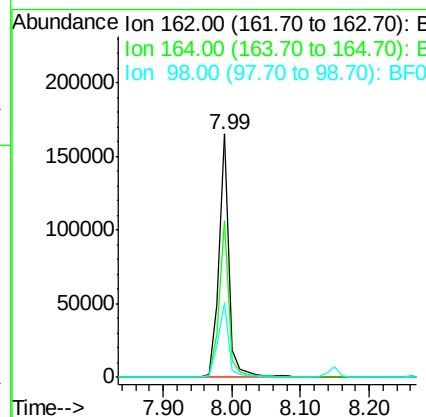
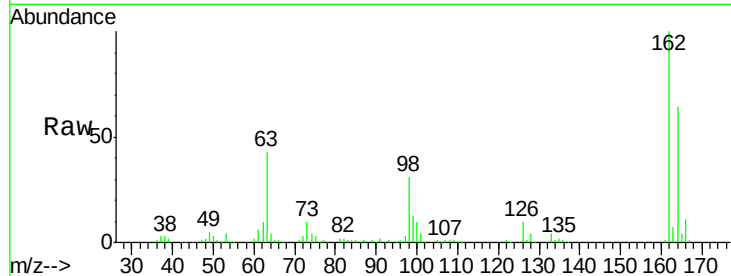
#29
2,4-Dichlorophenol
Concen: 39.89 ng
RT: 7.99 min Scan# 512
Delta R.T. -0.00 min
Lab File: BF082176.D
Acq: 10 Oct 2015 15:04

Instrument :
BNA_F
ClientSampleId :
PB86050BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.4	44.6	84.6
98	30.6	15.0	55.0

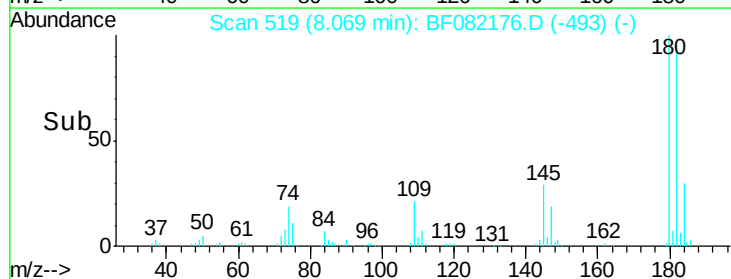
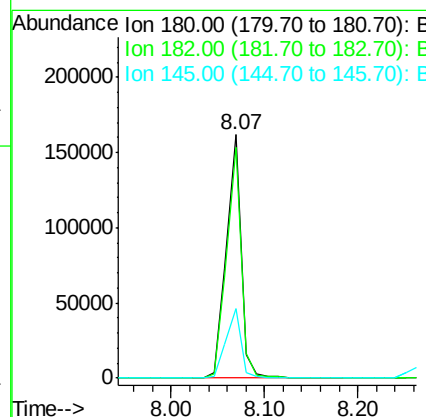
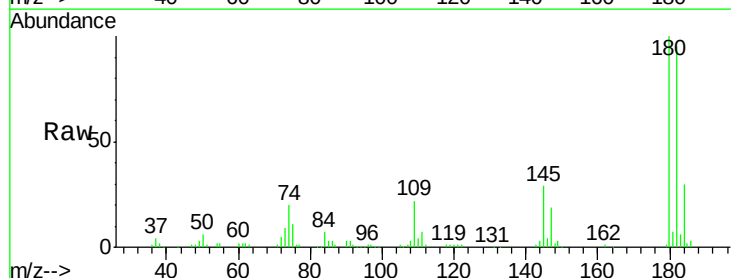
Manual Integrations
APPROVED

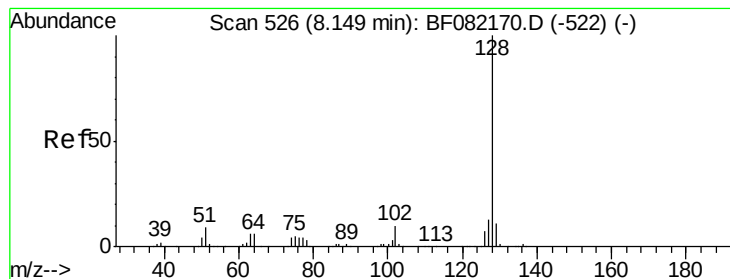
MMDadoda
10/12/2015 2:32:42 PM



#30
1,2,4-Trichlorobenzene
Concen: 35.68 ng
RT: 8.07 min Scan# 519
Delta R.T. -0.00 min
Lab File: BF082176.D
Acq: 10 Oct 2015 15:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.0	77.0	115.4
145	28.6	25.0	37.4





#31

Naphthalene

Concen: 37.07 ng

RT: 8.15 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Instrument :

BNA_F

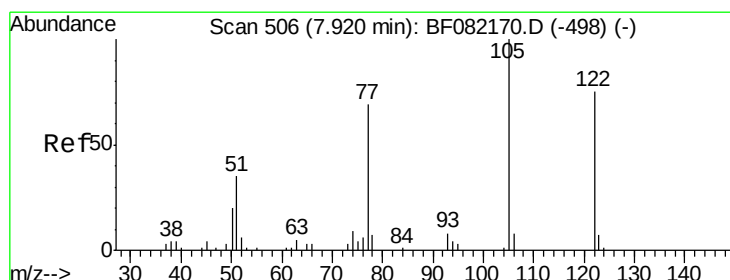
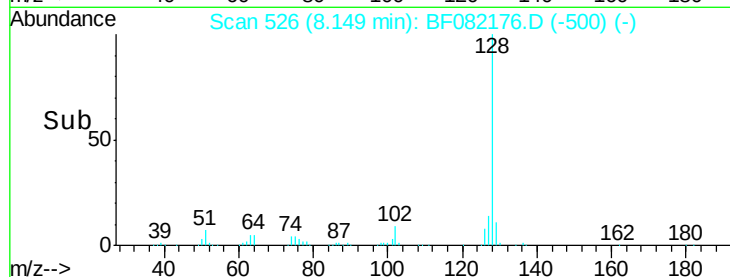
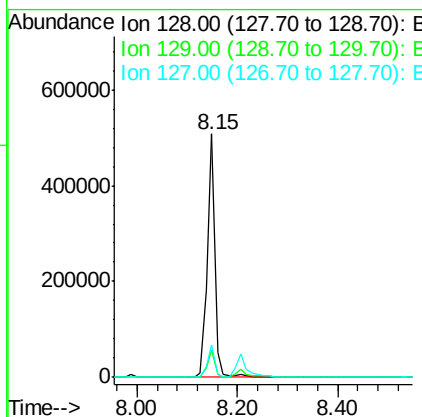
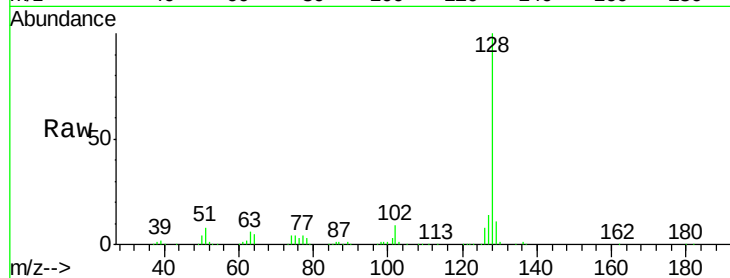
ClientSampleId :

PB86050BS

Tgt Ion:	128	Resp:	538956
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.1	13.7
127	13.6	10.7	16.1

Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:32:42 PM



#32

Benzoic acid

Concen: 34.40 ng

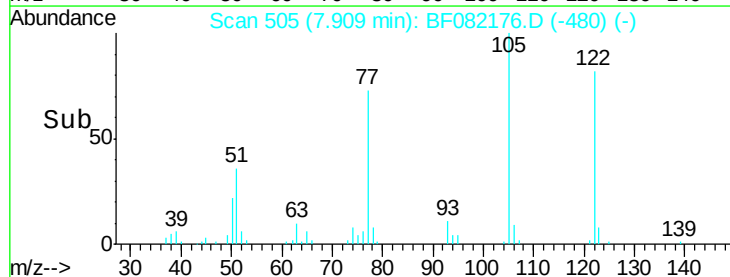
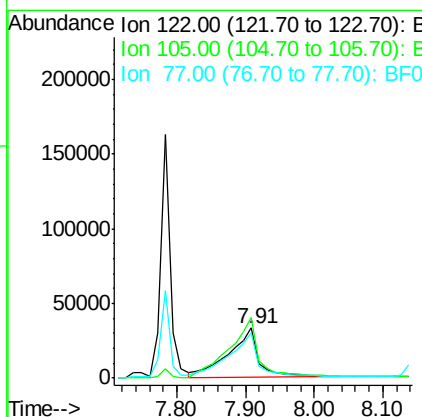
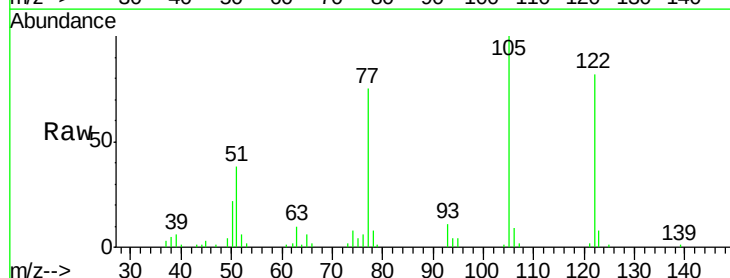
RT: 7.91 min Scan# 505

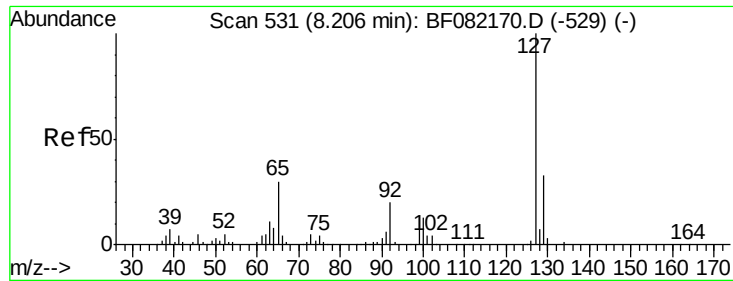
Delta R.T. -0.01 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Tgt Ion:	122	Resp:	100398
Ion Ratio	Lower	Upper	
122	100		
105	122.4	104.4	144.4
77	92.1	69.0	109.0





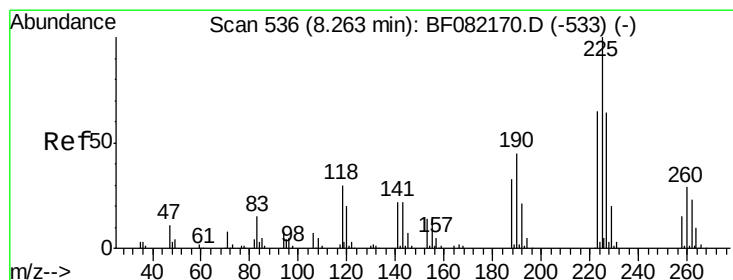
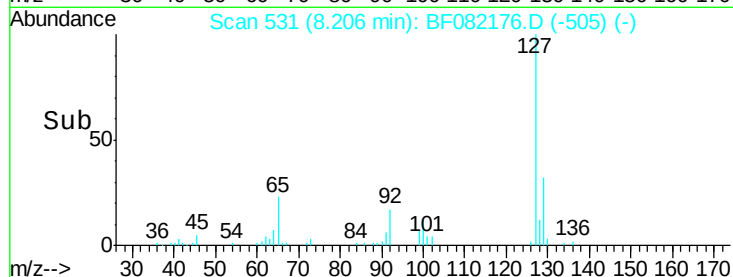
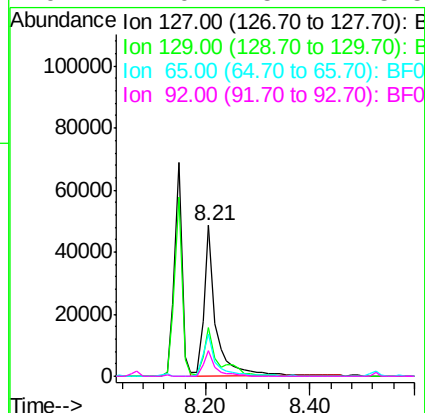
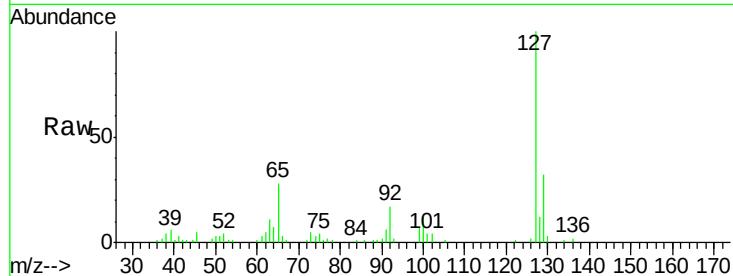
#33
4-Chloroaniline
Concen: 12.85 ng
RT: 8.21 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF082176.D
Acq: 10 Oct 2015 15:04

Instrument :
BNA_F
ClientSampleId :
PB86050BS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.3	39.5
65	27.8	24.4	36.6
92	17.0	15.7	23.5

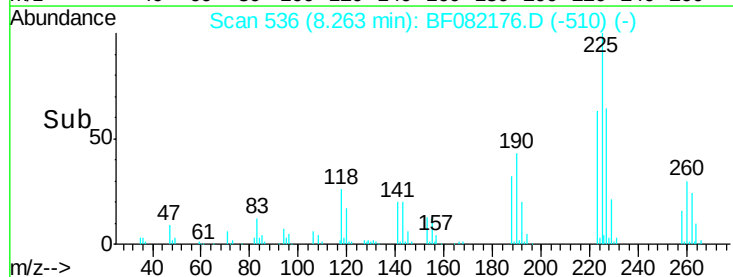
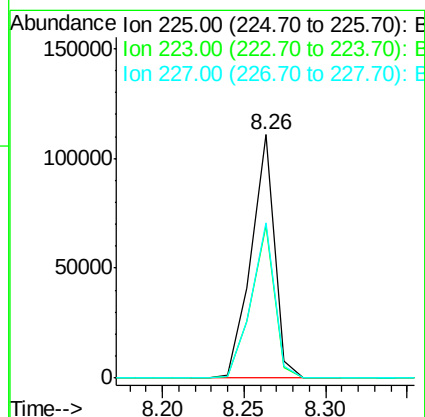
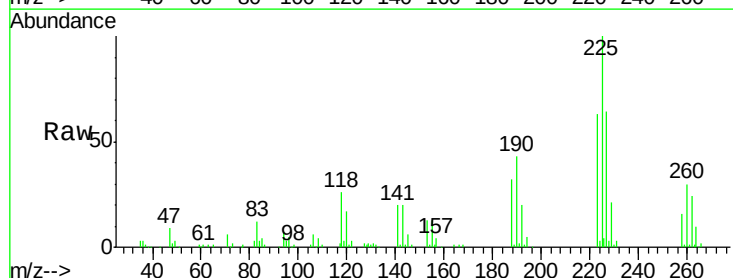
Manual Integrations
APPROVED

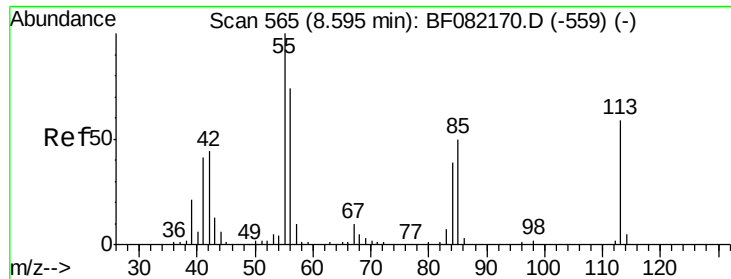
MMDadoda
10/12/2015 2:32:42 PM



#34
Hexachlorobutadiene
Concen: 35.46 ng
RT: 8.26 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF082176.D
Acq: 10 Oct 2015 15:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	52.2	78.2
227	63.9	51.3	76.9





#35

Caprolactam

Concen: 38.04 ng m

RT: 8.57 min Scan# 563

Delta R.T. -0.02 min

Lab File: BF082176.D

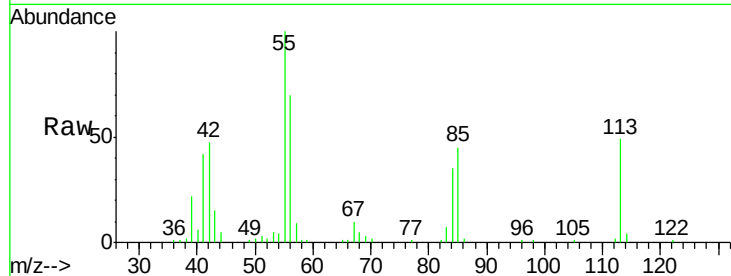
Acq: 10 Oct 2015 15:04

Instrument :

BNA_F

ClientSampleId :

PB86050BS



Tgt Ion:113 Resp: 47998

Ion Ratio Lower Upper

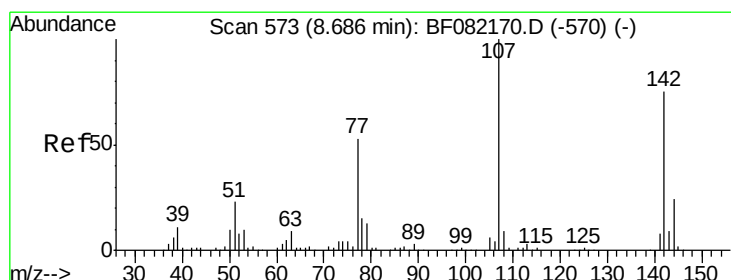
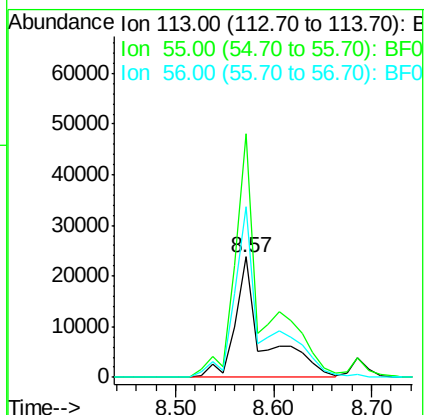
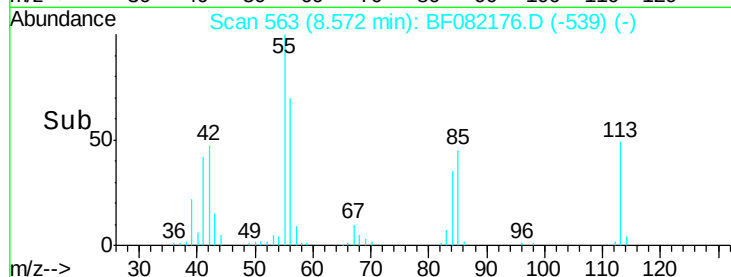
113 100

55 202.3 149.7 189.7#

56 141.4 105.4 145.4

Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:32:42 PM



#36

4-Chloro-3-methylphenol

Concen: 37.46 ng

RT: 8.69 min Scan# 573

Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

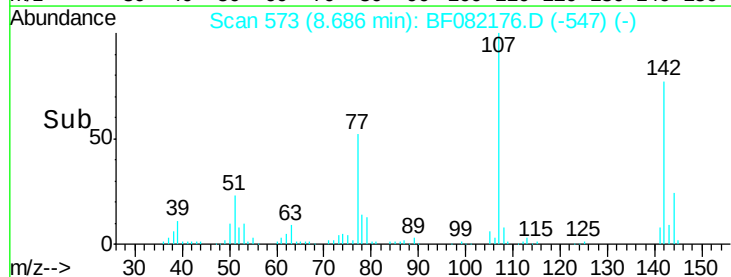
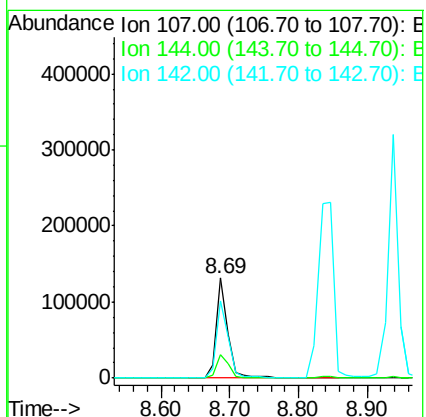
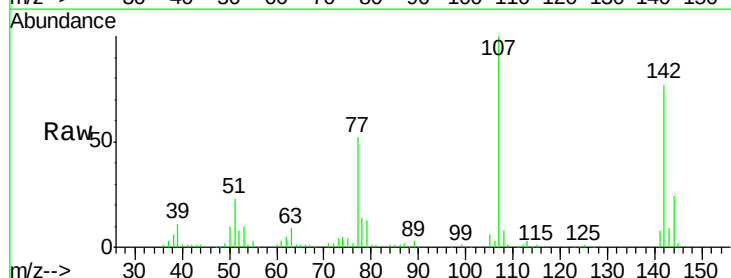
Tgt Ion:107 Resp: 159260

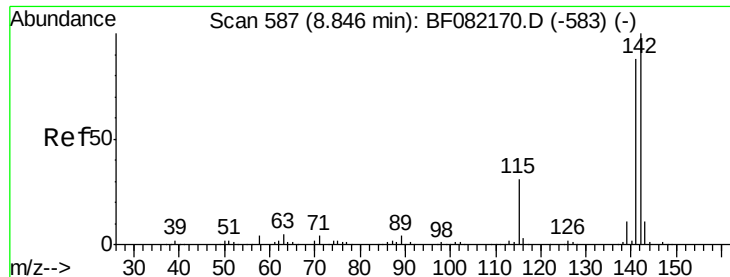
Ion Ratio Lower Upper

107 100

144 24.1 19.3 28.9

142 77.2 59.9 89.9





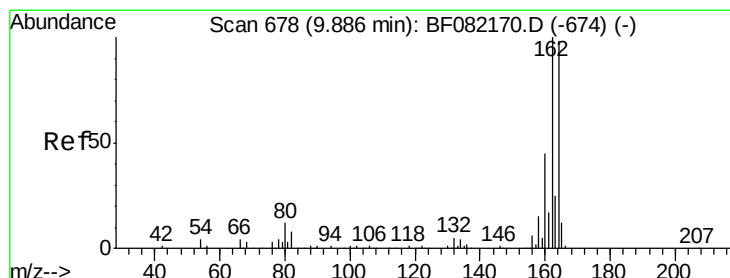
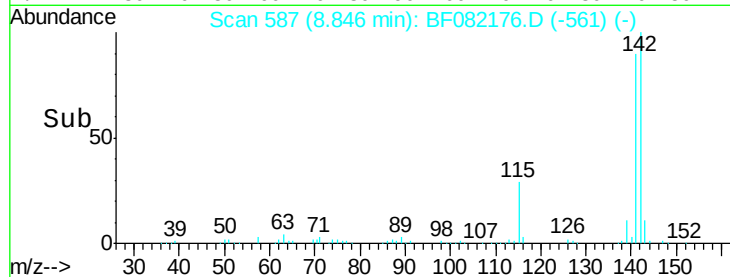
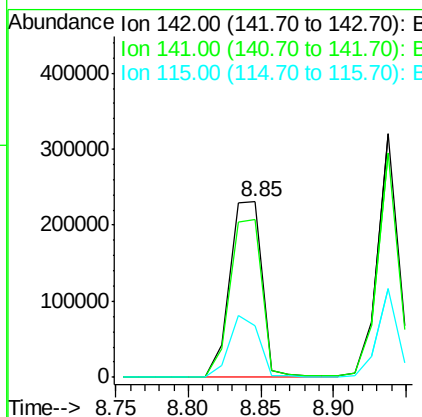
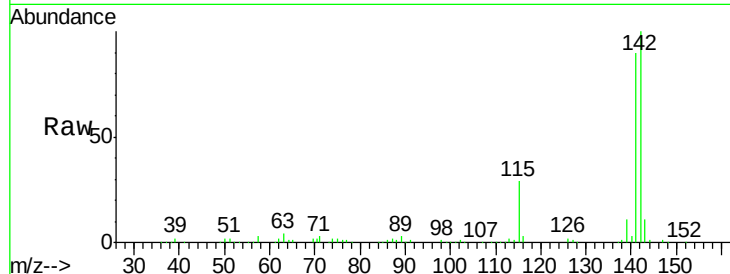
#37
 2-Methylnaphthalene
 Concen: 35.44 ng
 RT: 8.85 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB86050BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.4	105.6
115	29.4	24.6	37.0

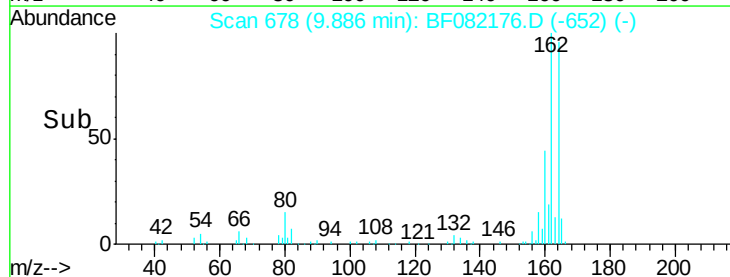
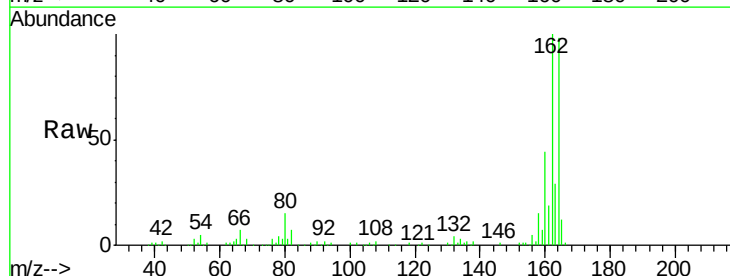
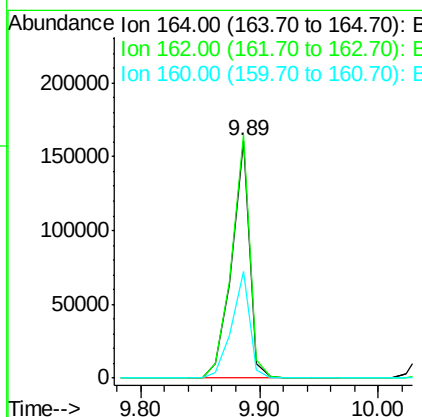
Manual Integrations
 APPROVED

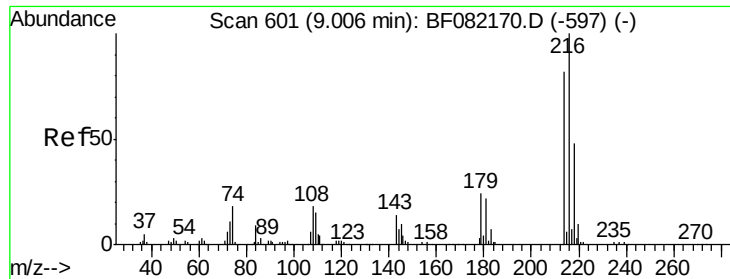
MMDadoda
 10/12/2015 2:32:42 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.6	122.4
160	44.9	36.4	54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.96 ng

RT: 9.01 min Scan# 601

Delta R.T. -0.00 min

Lab File: BF082176.D

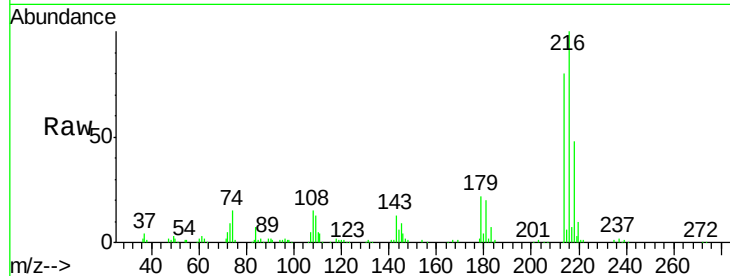
Acq: 10 Oct 2015 15:04

Instrument :

BNA_F

ClientSampleId :

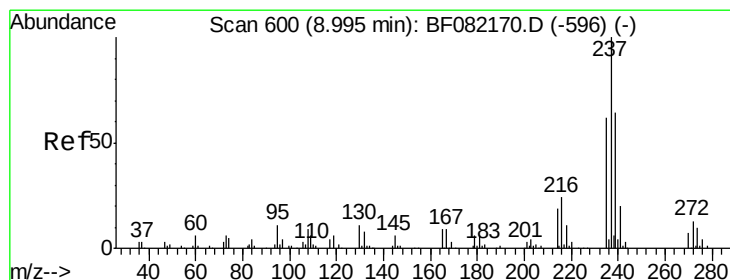
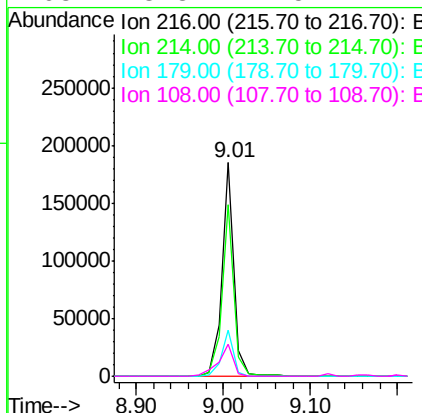
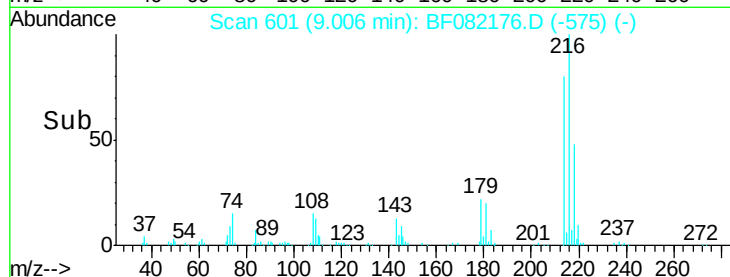
PB86050BS



Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	64.6	97.0
179	21.4	17.6	26.4
108	18.3	14.5	21.7

Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:32:42 PM



#40

Hexachlorocyclopentadiene

Concen: 73.80 ng

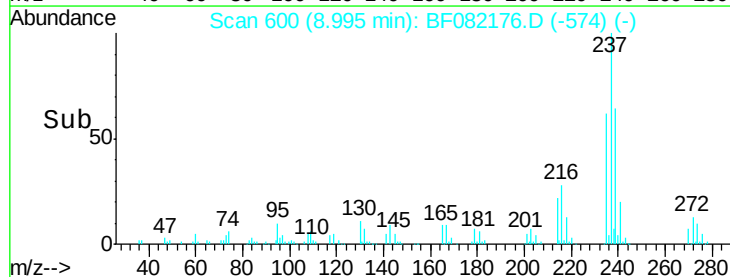
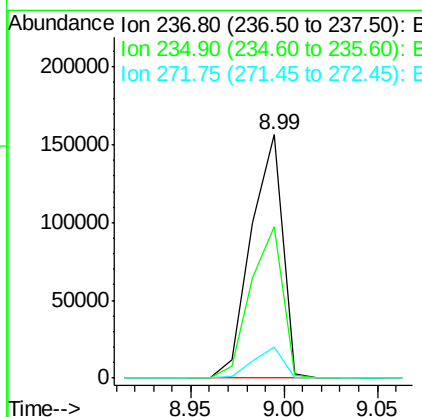
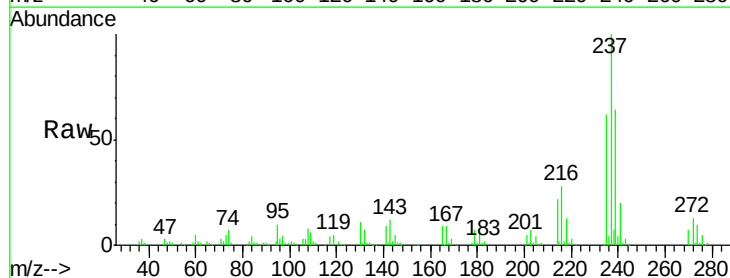
RT: 8.99 min Scan# 600

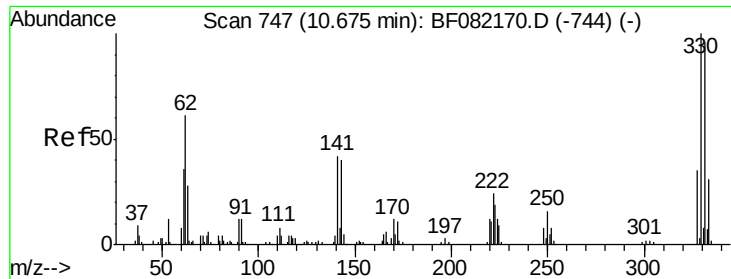
Delta R.T. 0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.1	41.7	81.7
272	12.9	0.0	32.8





#41

2,4,6-Tribromophenol

Concen: 109.44 ng

RT: 10.67 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Instrument :

BNA_F

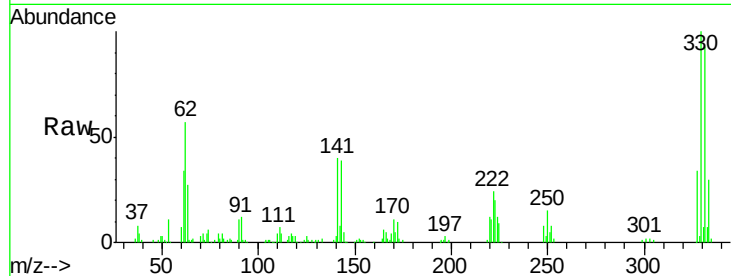
ClientSampleId :

PB86050BS

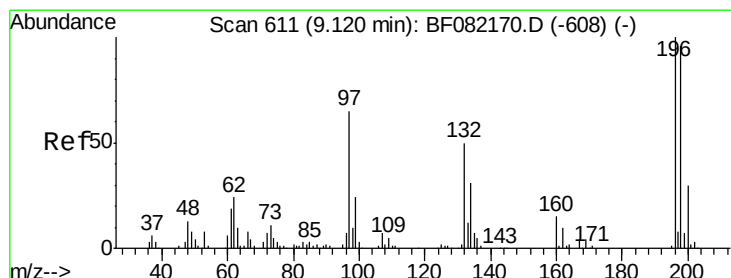
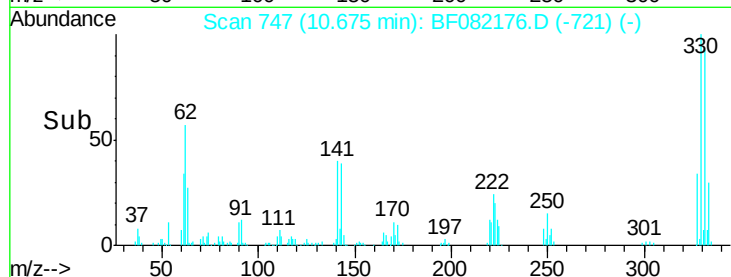
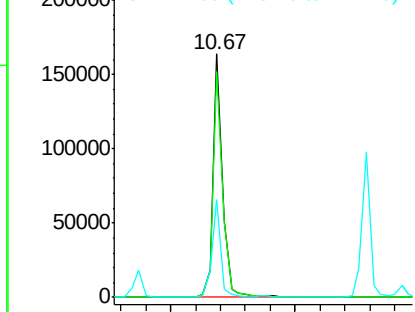
Tgt Ion:	330	Resp:	173306
Ion Ratio	Lower	Upper	
330	100		
332	94.3	77.1	115.7
141	37.5	29.8	44.8

Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:32:42 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: 35.15 ng

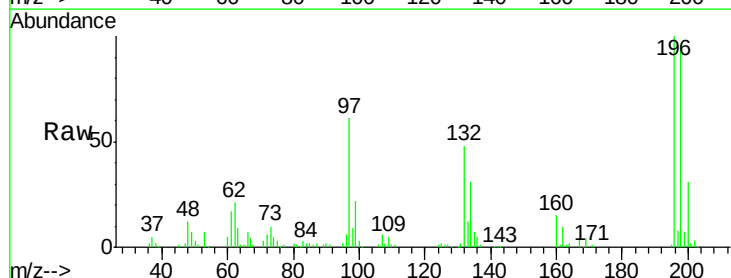
RT: 9.12 min Scan# 611

Delta R.T. -0.00 min

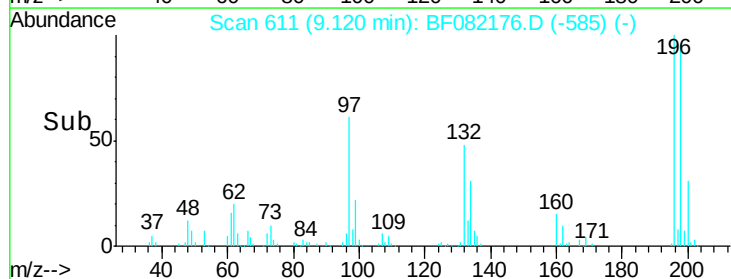
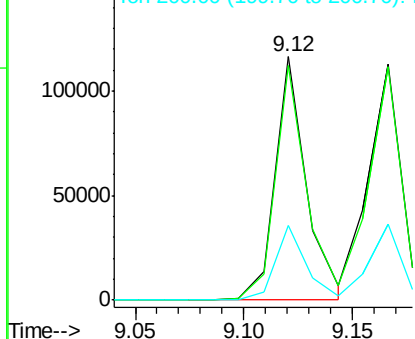
Lab File: BF082176.D

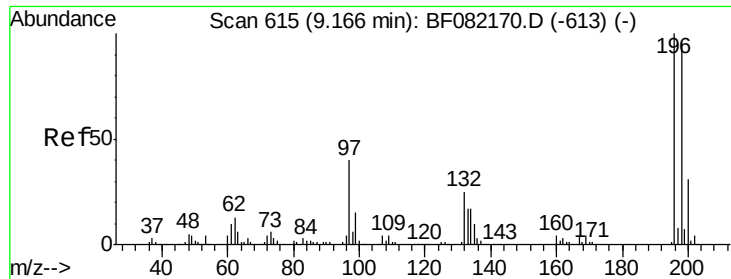
Acq: 10 Oct 2015 15:04

Tgt Ion:	196	Resp:	117258
Ion Ratio	Lower	Upper	
196	100		
198	96.3	76.6	115.0
200	30.5	23.7	35.5



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





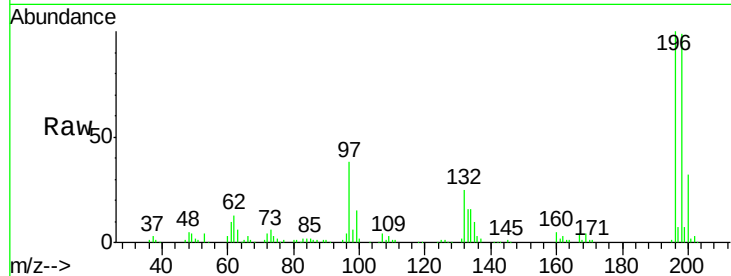
#43
 2,4,5-Trichlorophenol
 Concen: 35.66 ng
 RT: 9.17 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB86050BS

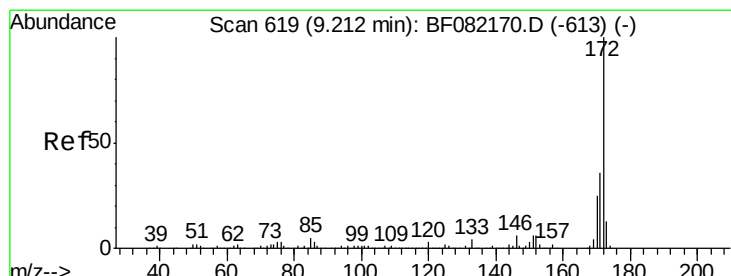
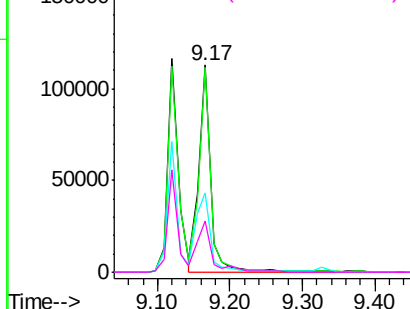
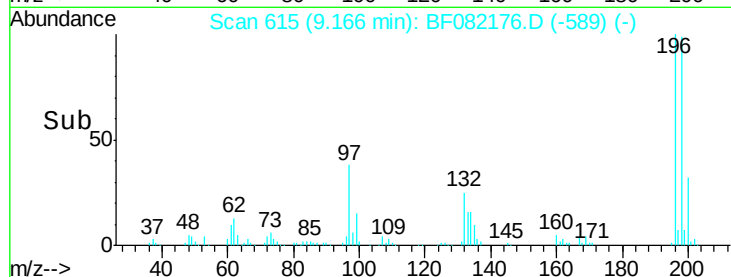
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	128871		
198	98.9	77.0	115.4	
97	38.2	31.9	47.9	
132	24.8	20.3	30.5	

Manual Integrations
 APPROVED

MMDadoda
 10/12/2015 2:32:42 PM

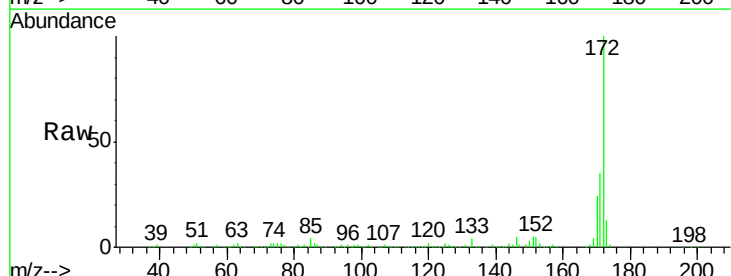


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

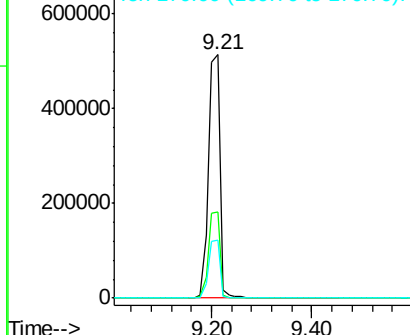
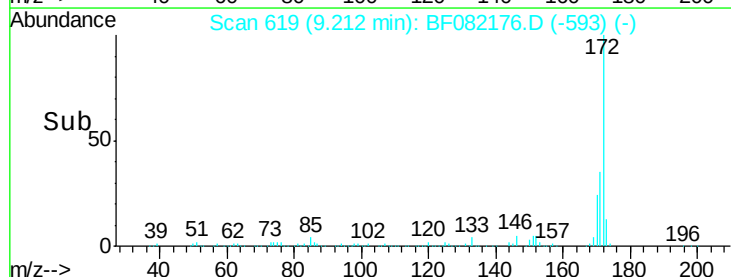


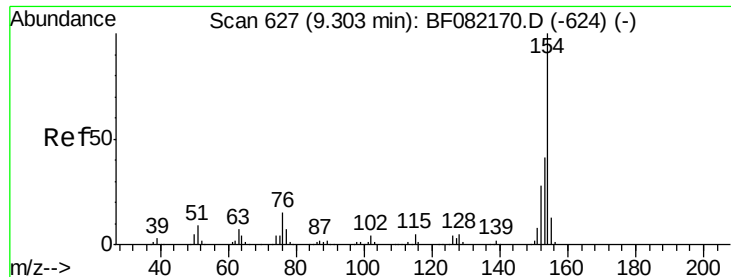
#44
 2-Fluorobiphenyl
 Concen: 80.40 ng
 RT: 9.21 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	818671		
171	35.3	28.6	42.8	
170	23.9	19.7	29.5	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





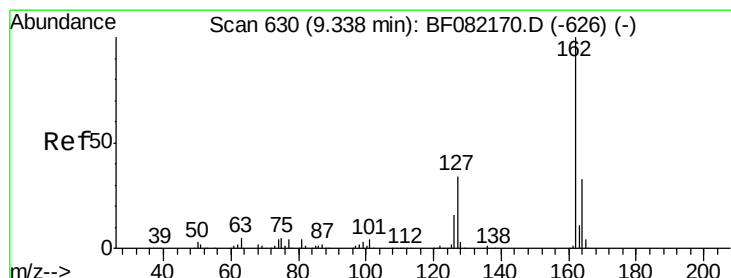
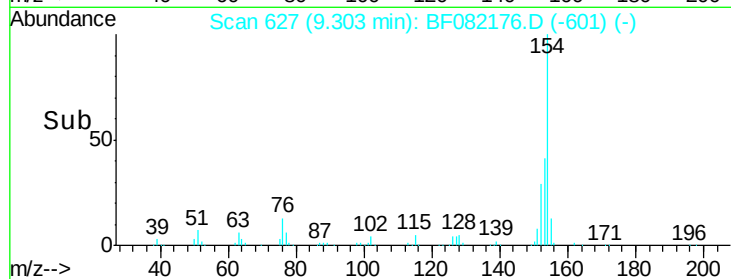
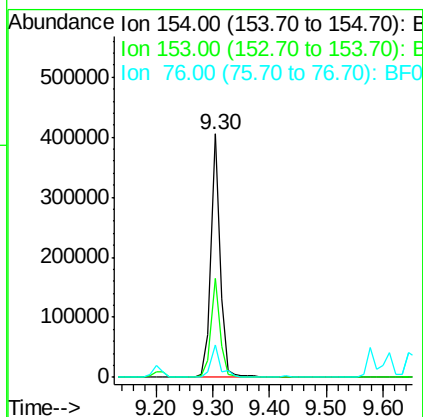
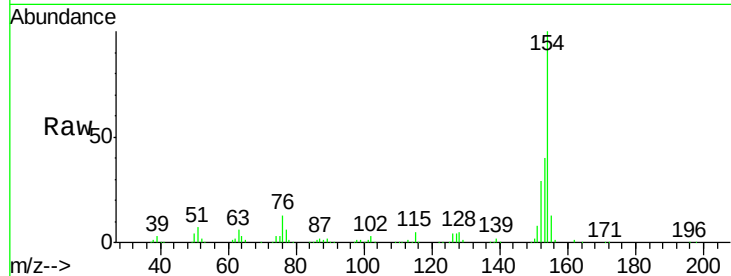
#45
 1,1'-Biphenyl
 Concen: 34.36 ng
 RT: 9.30 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB86050BS

Manual Integrations
 APPROVED

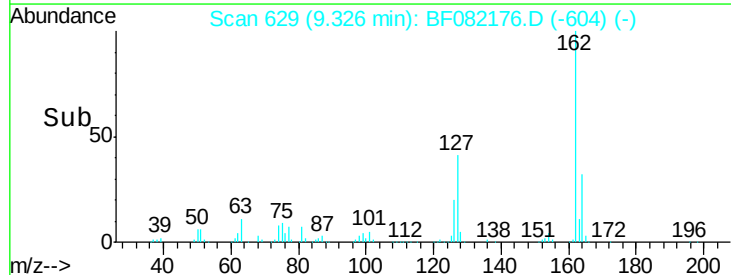
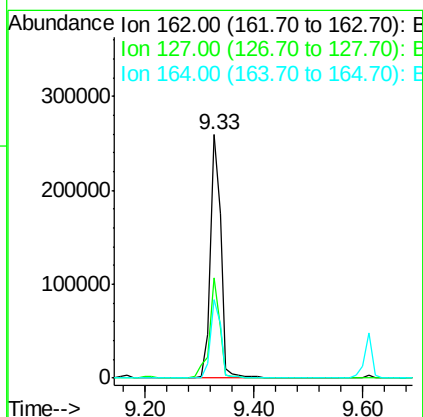
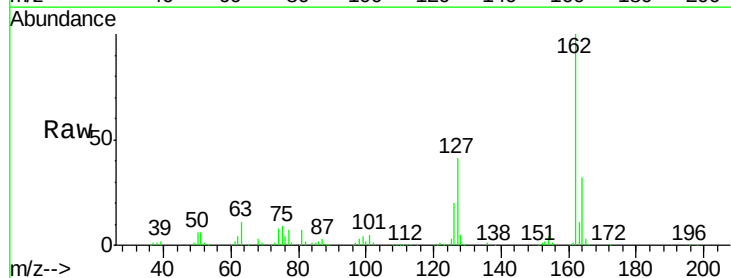
MMDadoda
 10/12/2015 2:32:42 PM

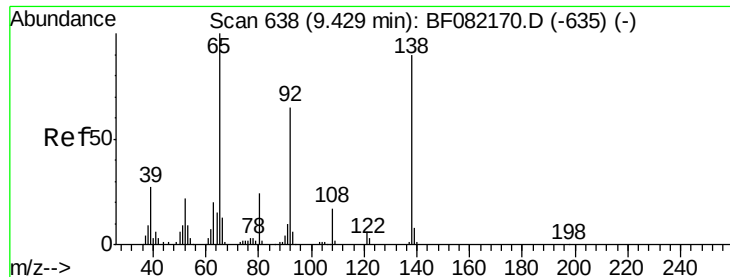
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.6	60.6
76	13.1	0.0	35.2



#46
 2-Chloronaphthalene
 Concen: 34.80 ng
 RT: 9.33 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.4	27.5	41.3#
164	32.3	26.6	39.8





#47

2-Nitroaniline

Concen: 35.62 ng

RT: 9.43 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Instrument :

BNA_F

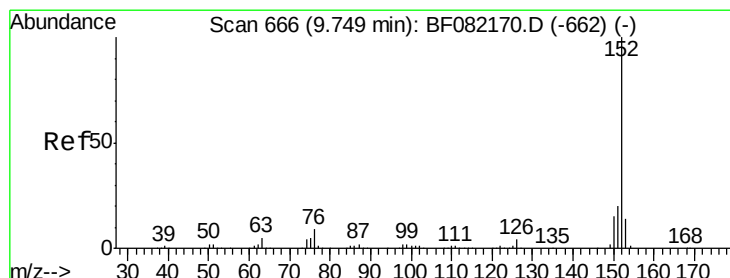
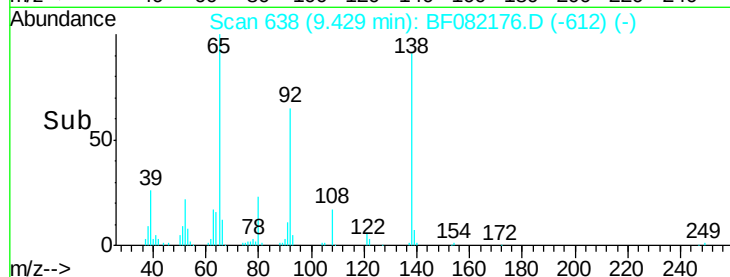
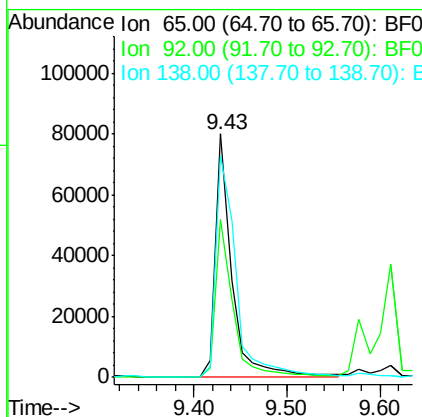
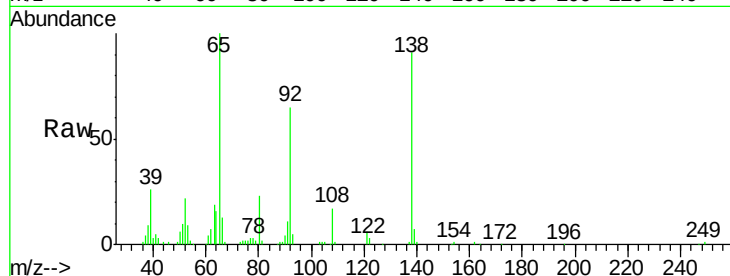
ClientSampleId :

PB86050BS

Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:32:42 PM

Tgt Ion:	65	Resp:	99119
Ion Ratio	Lower	Upper	
65	100		
92	64.7	52.3	78.5
138	91.2	72.2	108.4



#48

Acenaphthylene

Concen: 37.32 ng

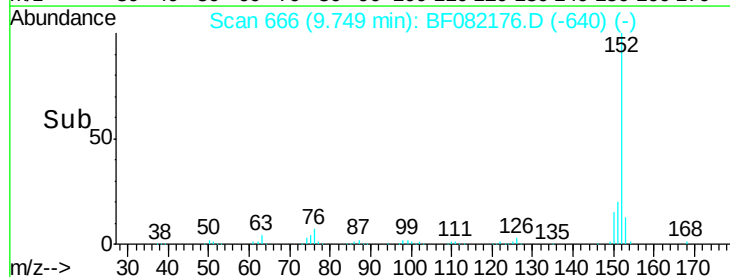
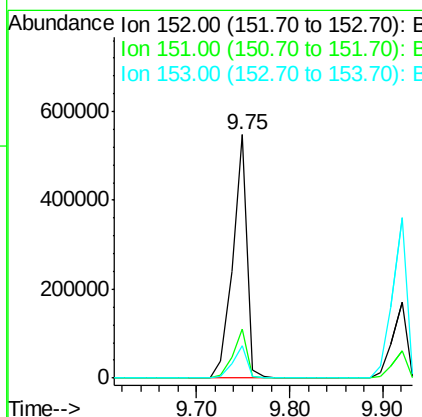
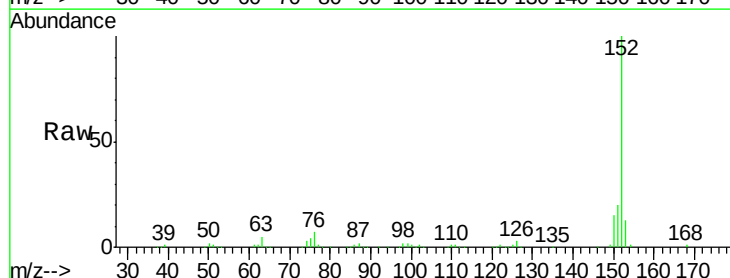
RT: 9.75 min Scan# 666

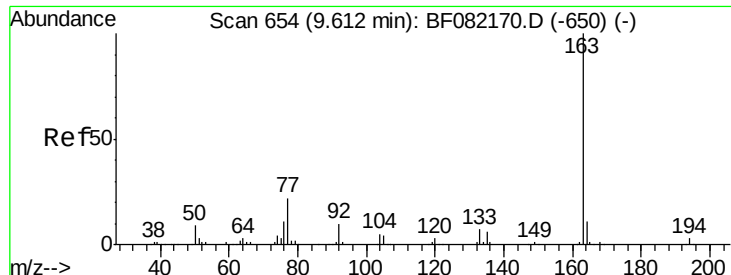
Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Tgt Ion:	152	Resp:	589229
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.4	24.6
153	13.1	10.8	16.2





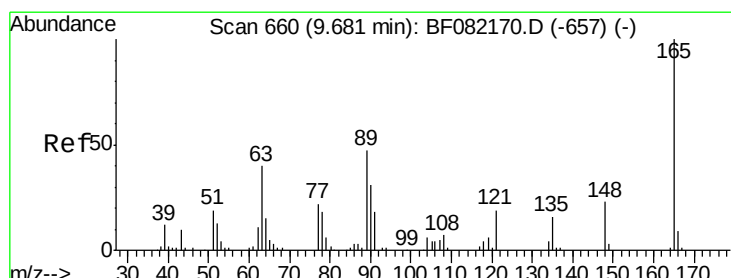
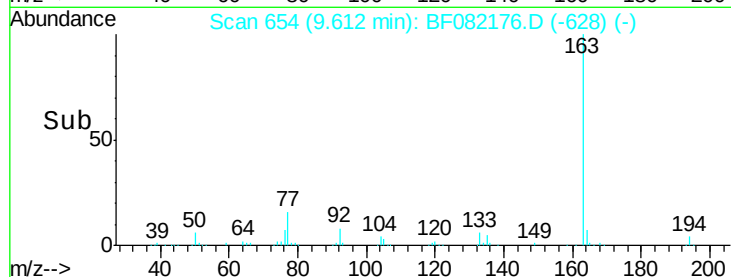
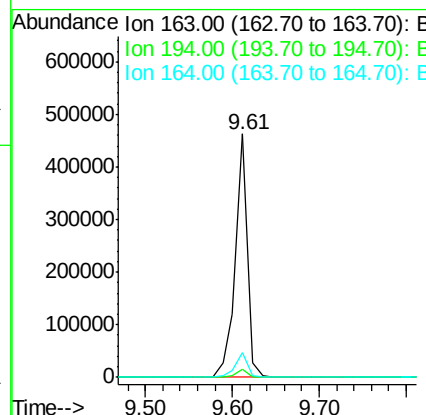
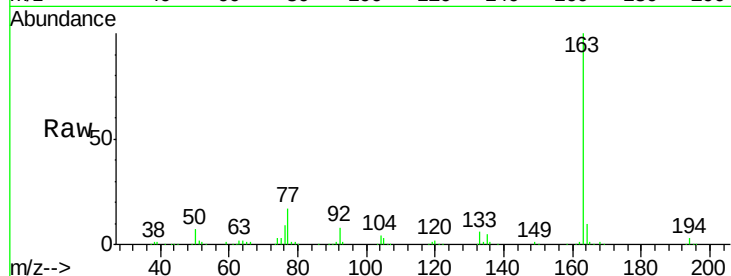
#49
Dimethylphthalate
Concen: 37.26 ng
RT: 9.61 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF082176.D
Acq: 10 Oct 2015 15:04

Instrument :
BNA_F
ClientSampleId :
PB86050BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	443064		
194	3.5	2.6	4.0	
164	10.3	8.5	12.7	

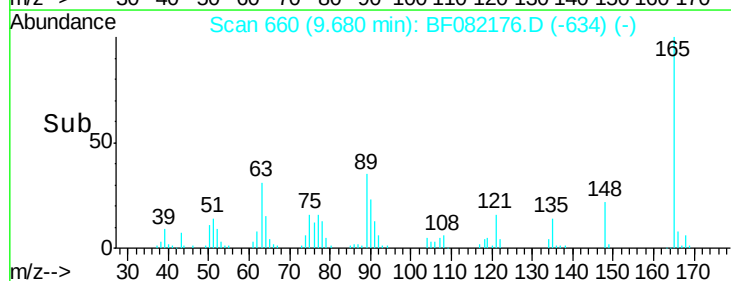
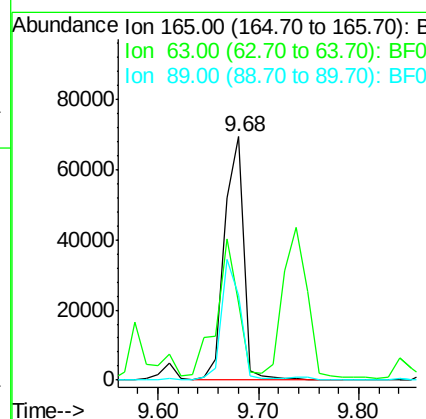
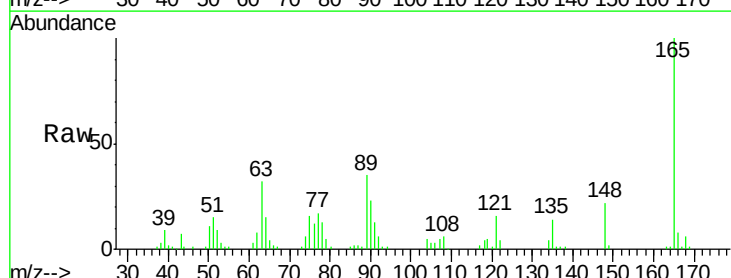
Manual Integrations
APPROVED

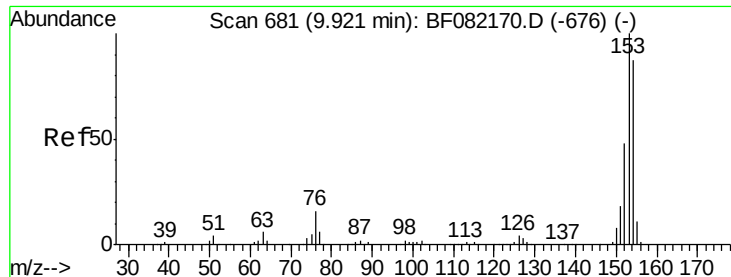
MMDadoda
10/12/2015 2:32:42 PM



#50
2,6-Dinitrotoluene
Concen: 36.61 ng
RT: 9.68 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF082176.D
Acq: 10 Oct 2015 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	91849		
63	31.8	36.7	55.1#	
89	34.9	37.8	56.6#	





#51

Acenaphthene

Concen: 36.15 ng

RT: 9.92 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF082176.D

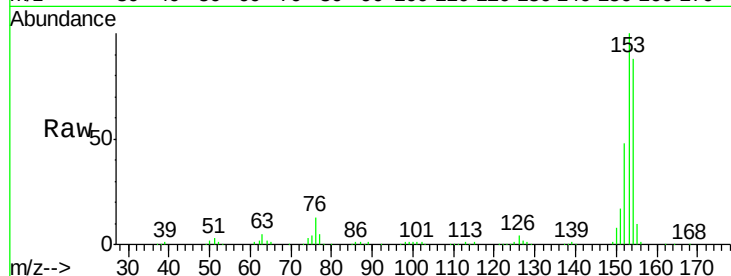
Acq: 10 Oct 2015 15:04

Instrument :

BNA_F

ClientSampleId :

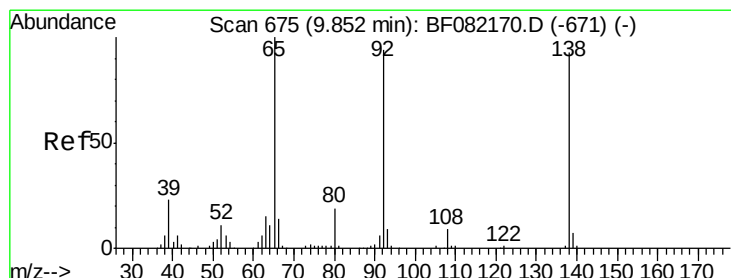
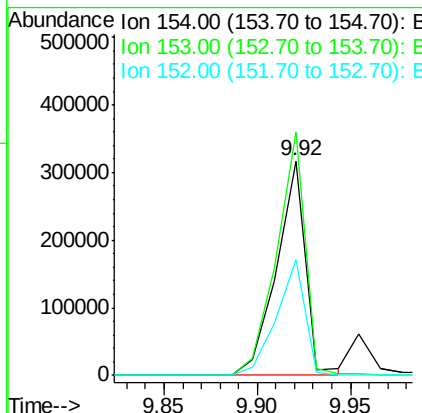
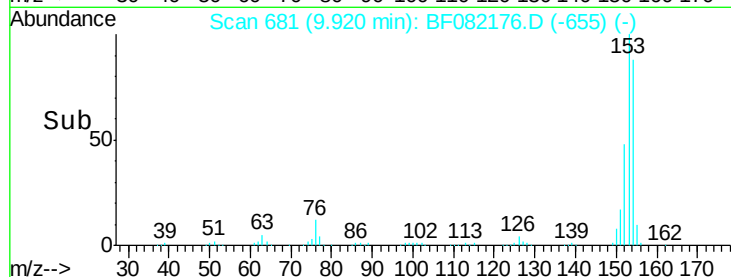
PB86050BS



Tgt Ion:	154	Resp:	342721
Ion Ratio	Lower	Upper	
154	100		
153	113.5	91.4	137.2
152	54.0	44.3	66.5

Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:32:42 PM



#52

3-Nitroaniline

Concen: 16.50 ng

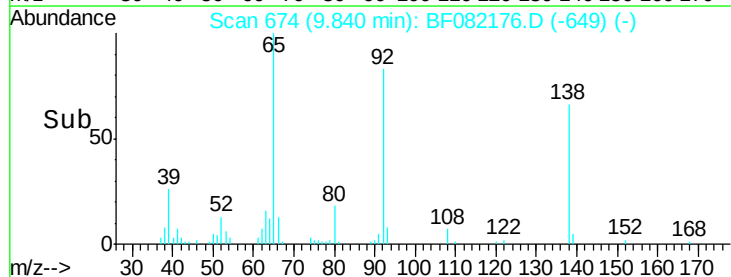
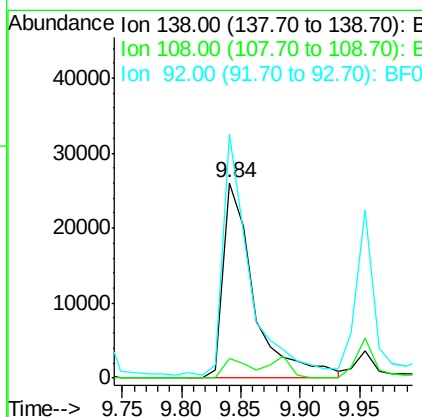
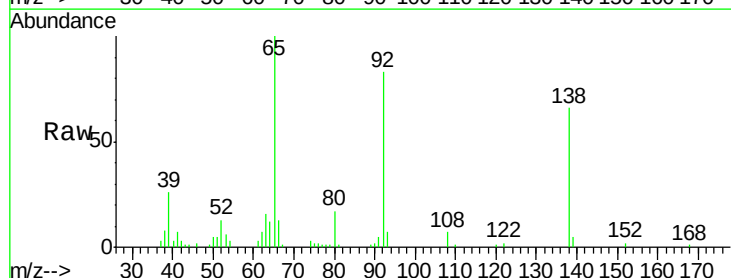
RT: 9.84 min Scan# 674

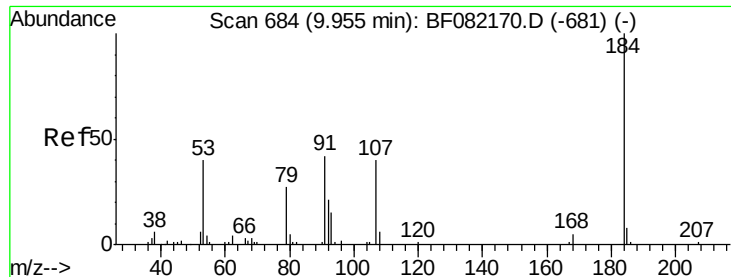
Delta R.T. -0.01 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Tgt Ion:	138	Resp:	46752
Ion Ratio	Lower	Upper	
138	100		
108	10.3	7.4	11.0
92	124.5	81.3	121.9#





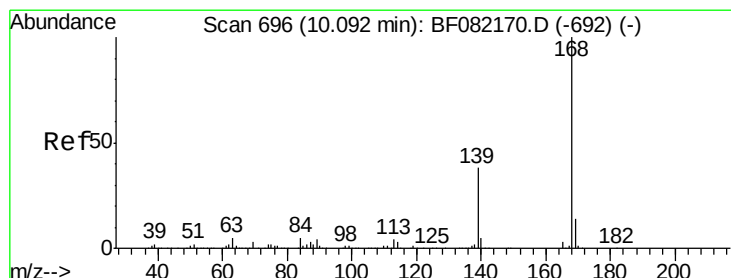
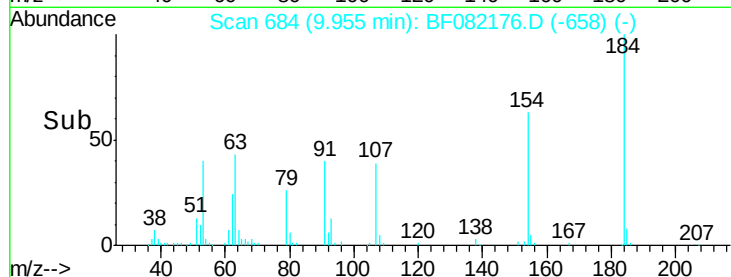
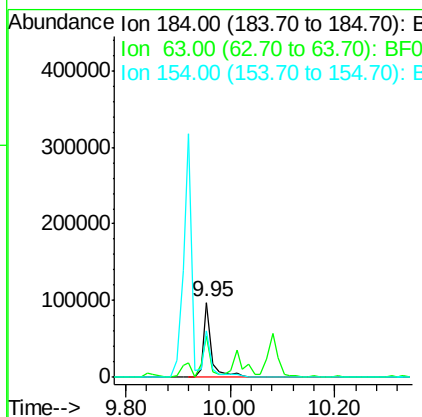
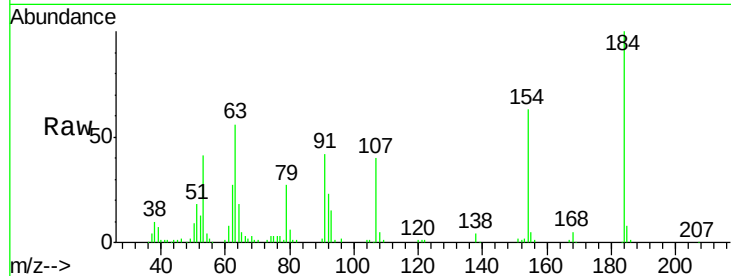
#53
2,4-Dinitrophenol
Concen: 77.34 ng
RT: 9.95 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF082176.D
Acq: 10 Oct 2015 15:04

Instrument :
BNA_F
ClientSampleId :
PB86050BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	108109		
63	55.7	45.1	67.7	
154	62.8	51.2	76.8	

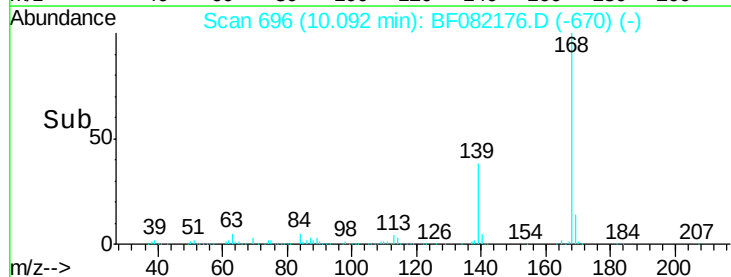
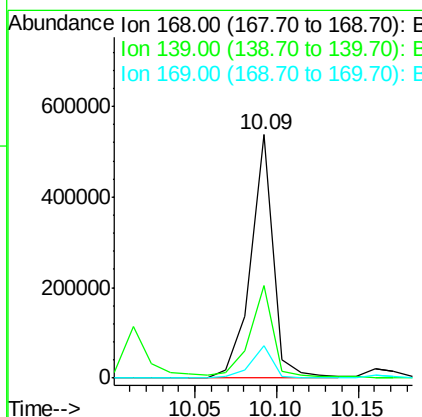
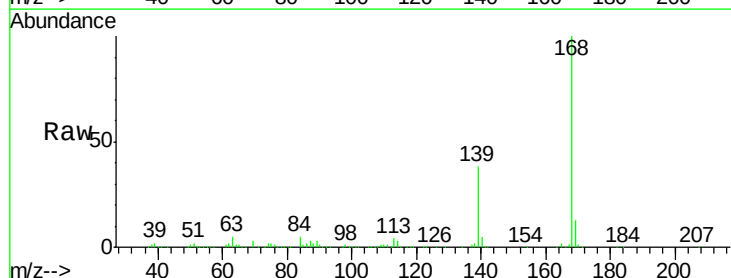
Manual Integrations
APPROVED

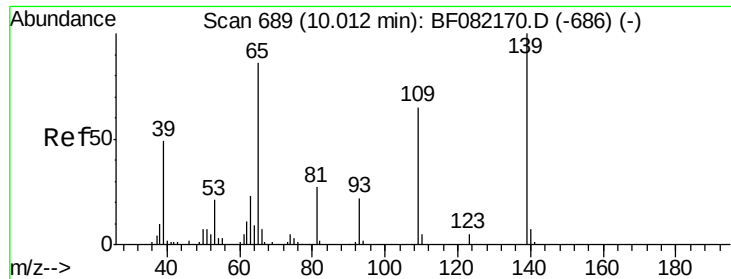
MMDadoda
10/12/2015 2:32:42 PM



#54
Dibenzofuran
Concen: 39.77 ng
RT: 10.09 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF082176.D
Acq: 10 Oct 2015 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	517542		
139	37.8	31.0	46.6	
169	13.5	10.9	16.3	





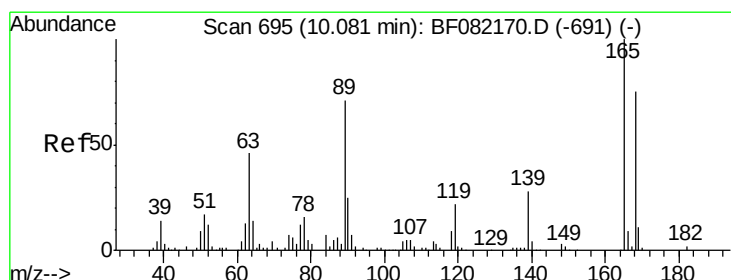
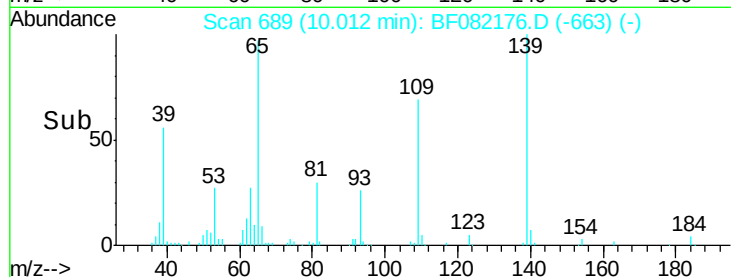
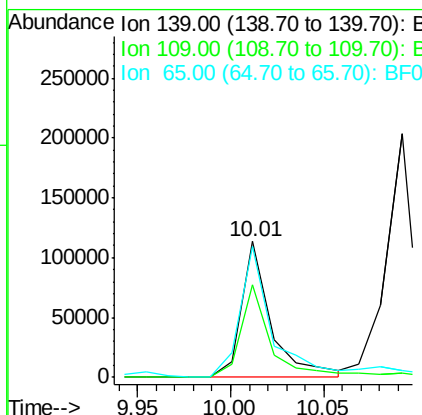
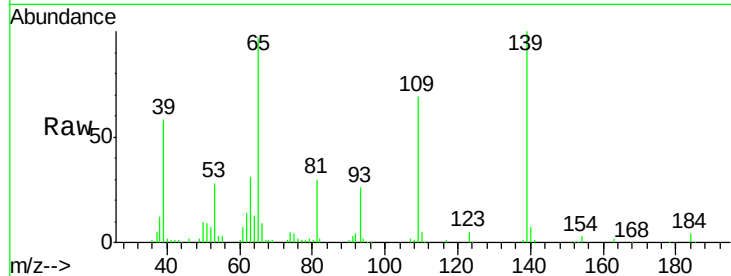
#55
4-Nitrophenol
Concen: 68.77 ng
RT: 10.01 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF082176.D
Acq: 10 Oct 2015 15:04

Instrument :
BNA_F
ClientSampleId :
PB86050BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	127053		
109	68.6	44.8	84.8	
65	97.0	67.7	107.7	

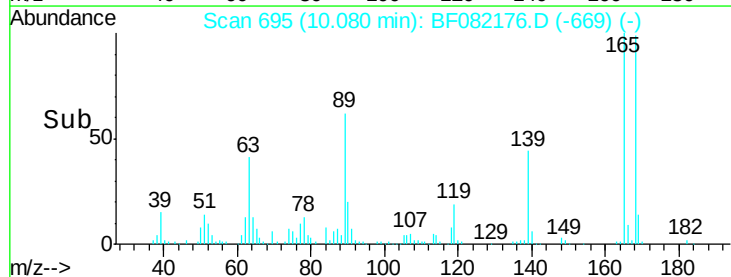
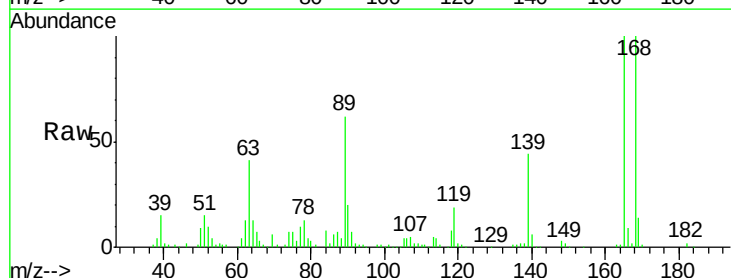
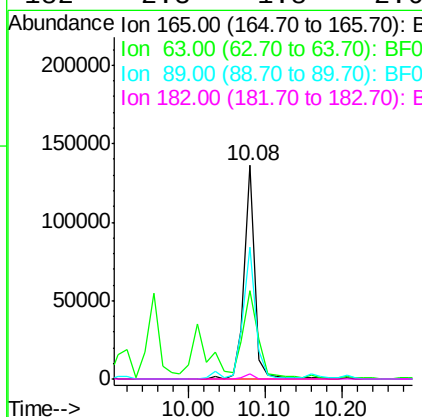
Manual Integrations
APPROVED

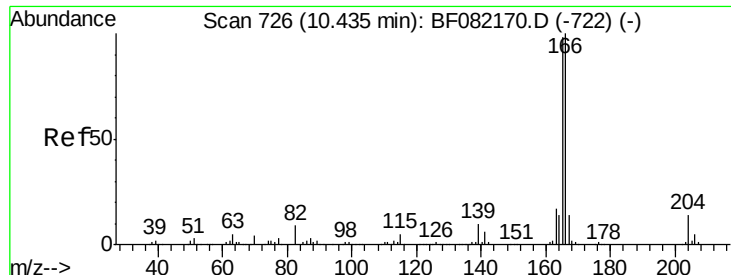
MMDadoda
10/12/2015 2:32:42 PM



#56
2,4-Dinitrotoluene
Concen: 42.34 ng
RT: 10.08 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF082176.D
Acq: 10 Oct 2015 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	132780		
63	41.5	38.6	58.0	
89	61.7	57.0	85.6	
182	2.3	1.8	2.6	





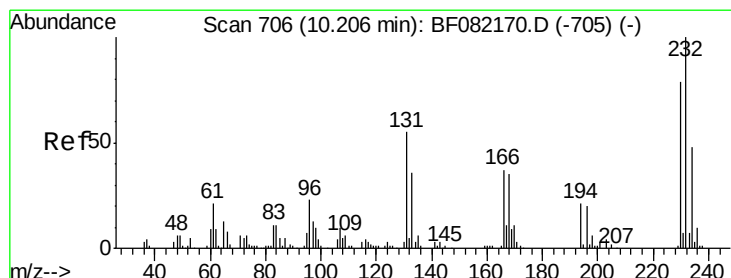
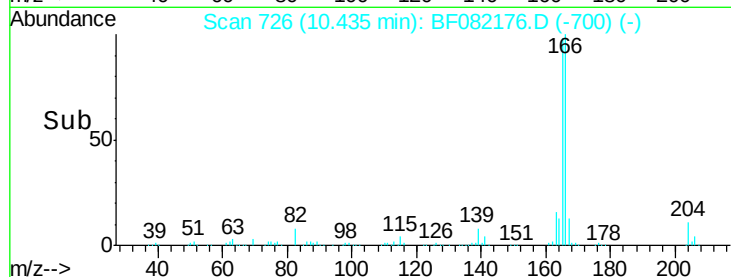
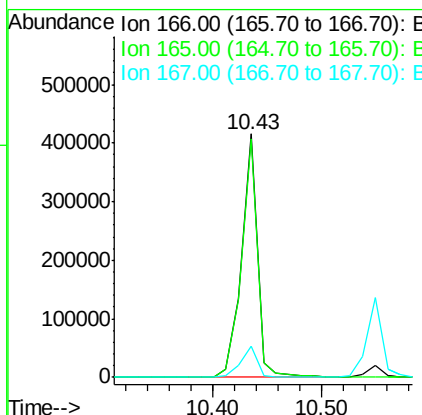
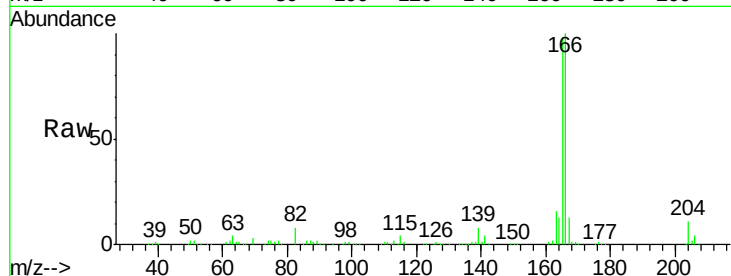
#57
 Fluorene
 Concen: 38.90 ng
 RT: 10.43 min Scan# 726
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB86050BS

Manual Integrations
 APPROVED

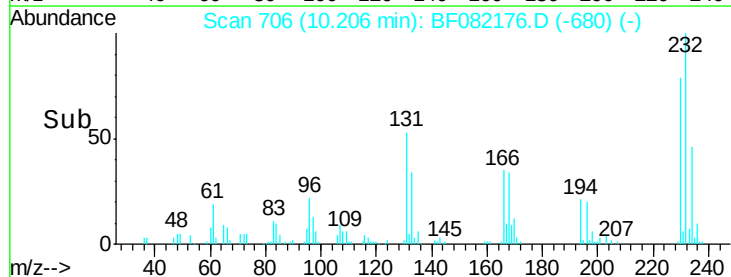
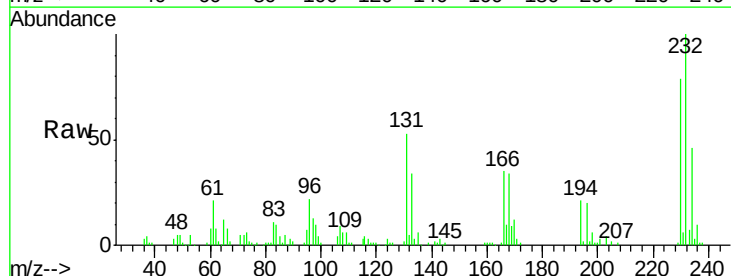
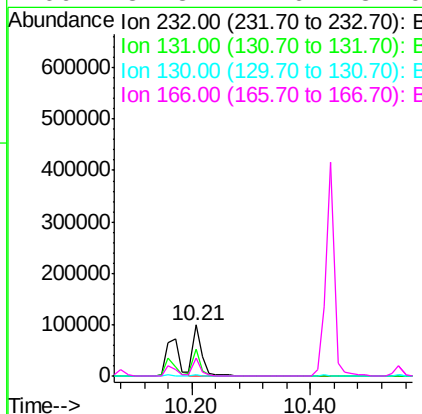
MMDadoda
 10/12/2015 2:32:42 PM

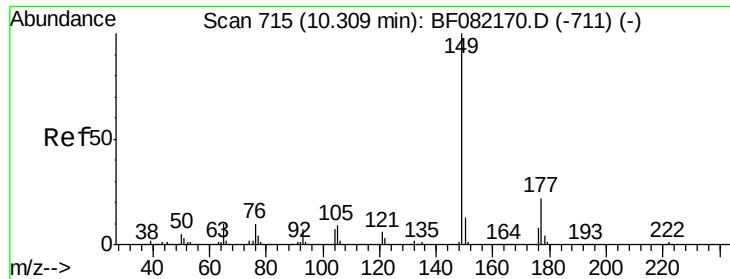
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	415788		
165	98.1	78.3	117.5	
167	12.9	10.8	16.2	



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.57 ng
 RT: 10.21 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	107974		
131	45.7	36.6	54.8	
130	1.9	1.5	2.3	
166	31.3	24.6	37.0	





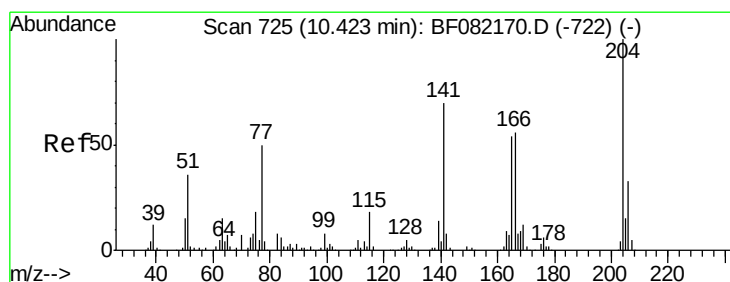
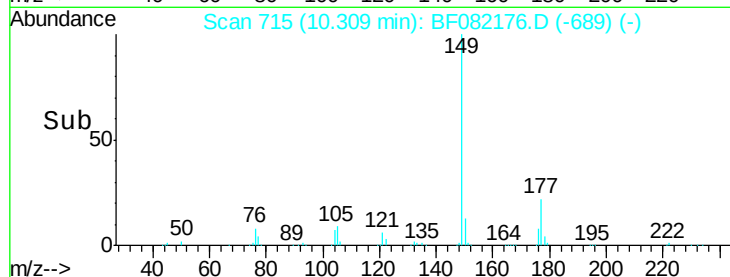
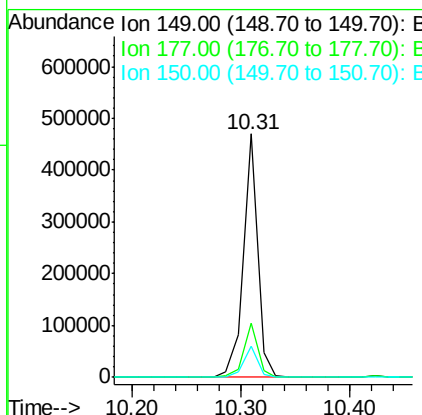
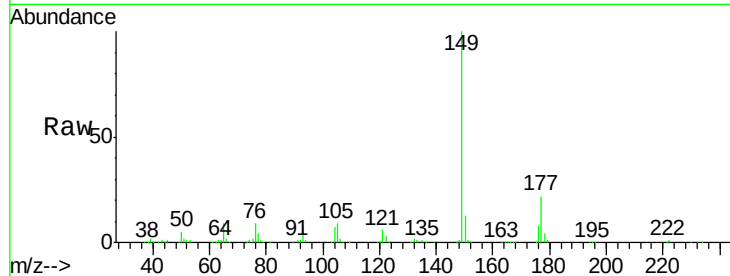
#59
Diethylphthalate
Concen: 38.11 ng
RT: 10.31 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF082176.D
Acq: 10 Oct 2015 15:04

Instrument :
BNA_F
ClientSampleId :
PB86050BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	422334		
177	22.1	17.6	26.4	
150	12.8	10.3	15.5	

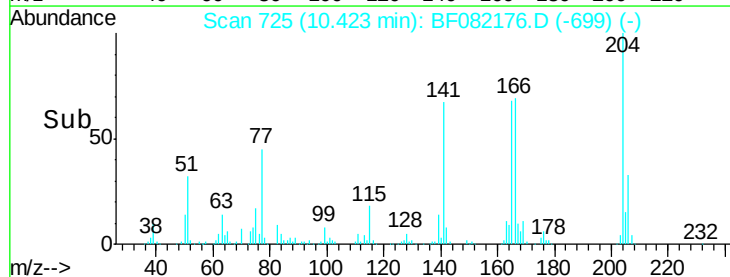
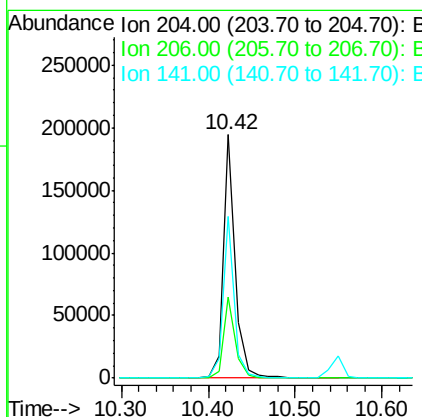
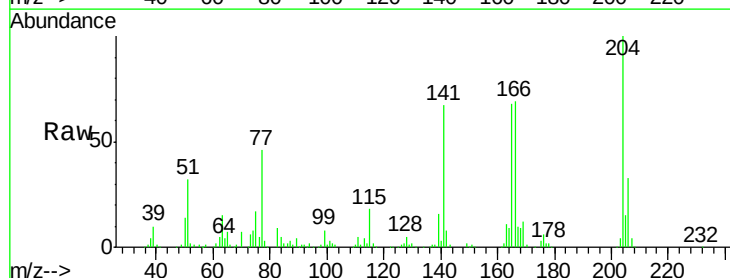
Manual Integrations
APPROVED

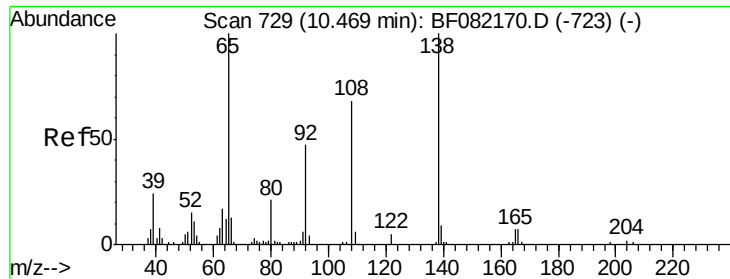
MMDadoda
10/12/2015 2:32:42 PM



#60
4-Chlorophenyl-phenylether
Concen: 37.73 ng
RT: 10.42 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF082176.D
Acq: 10 Oct 2015 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	184720		
206	33.1	26.8	40.2	
141	66.6	56.1	84.1	





#61

4-Nitroaniline

Concen: 33.15 ng

RT: 10.46 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF082176.D

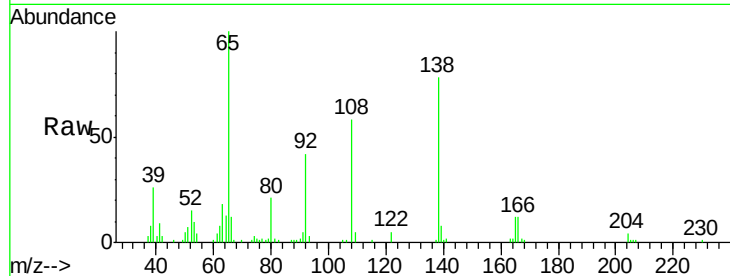
Acq: 10 Oct 2015 15:04

Instrument :

BNA_F

ClientSampleId :

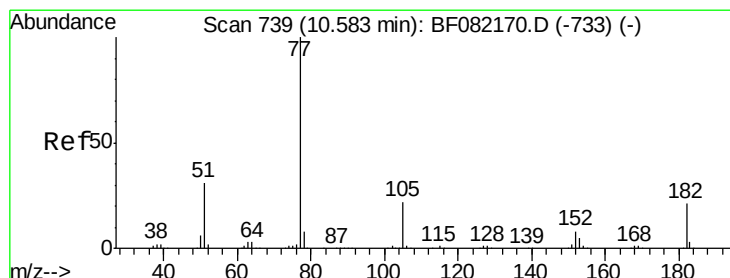
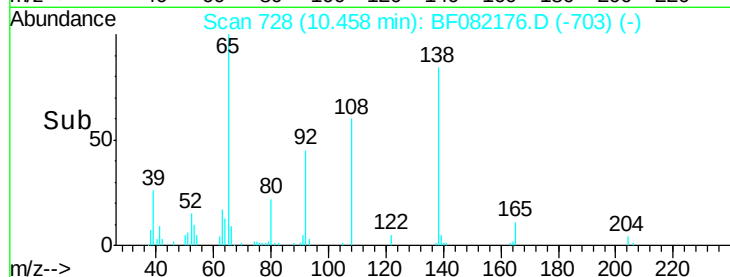
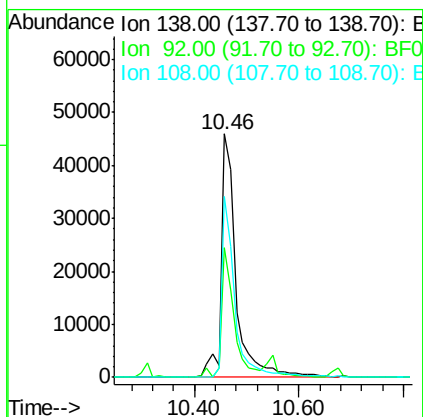
PB86050BS



Tgt Ion:	138	Resp:	91122
Ion Ratio	Lower	Upper	
138	100		
92	53.2	26.8	66.8
108	74.3	48.4	88.4

Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:32:42 PM



#62

Azobenzene

Concen: 36.97 ng

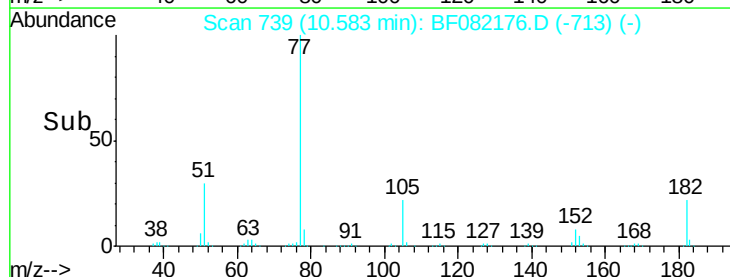
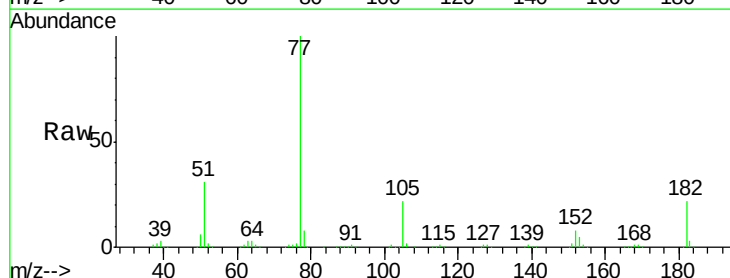
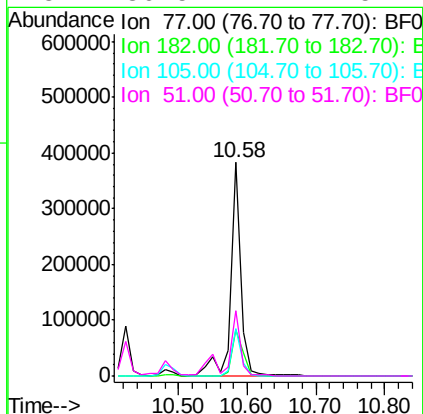
RT: 10.58 min Scan# 739

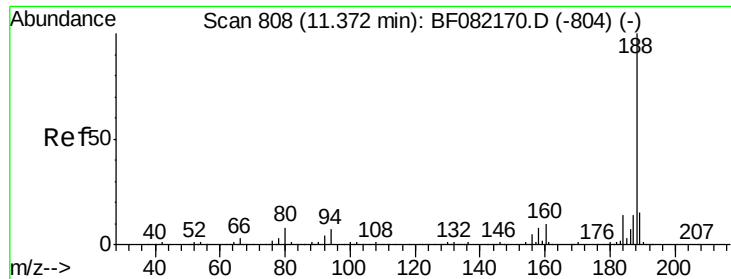
Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Tgt Ion:	77	Resp:	400976
Ion Ratio	Lower	Upper	
77	100		
182	21.8	0.5	40.5
105	22.3	1.8	41.8
51	30.5	11.2	51.2





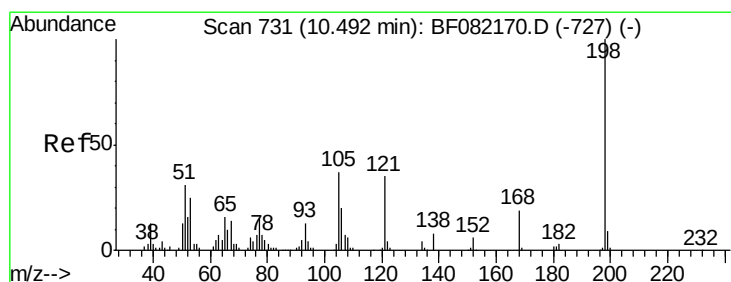
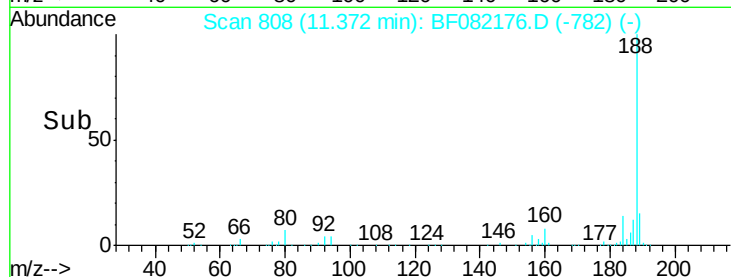
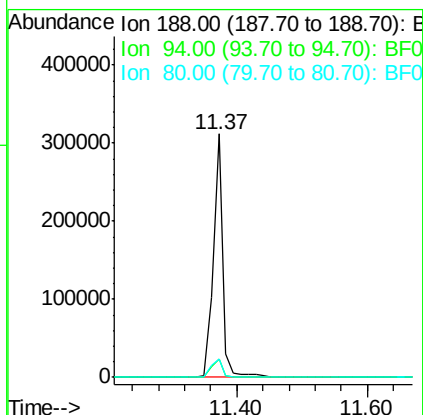
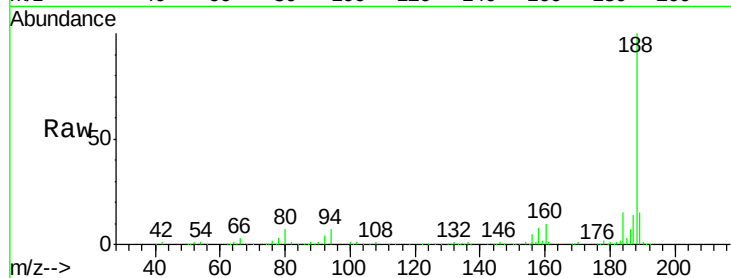
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB86050BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	321556		
94	7.5	5.8	8.6	
80	7.5	6.4	9.6	

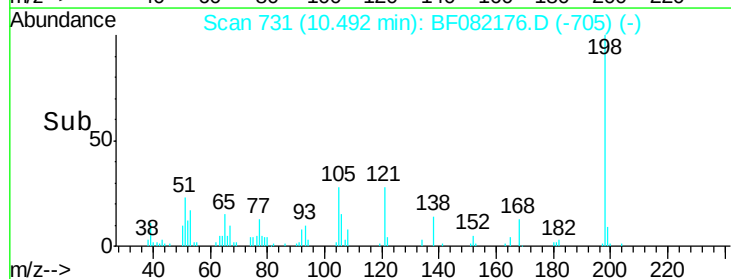
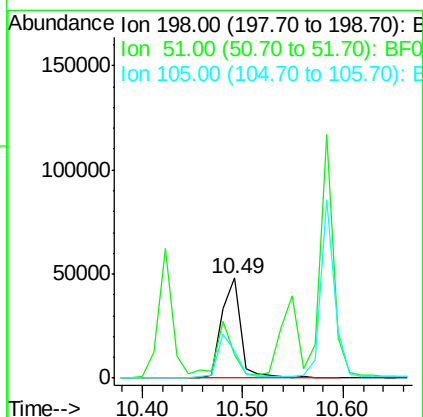
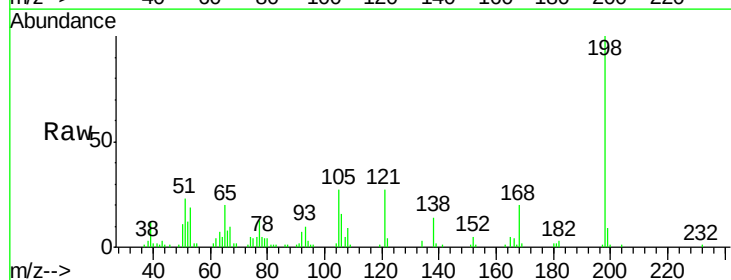
Manual Integrations
 APPROVED

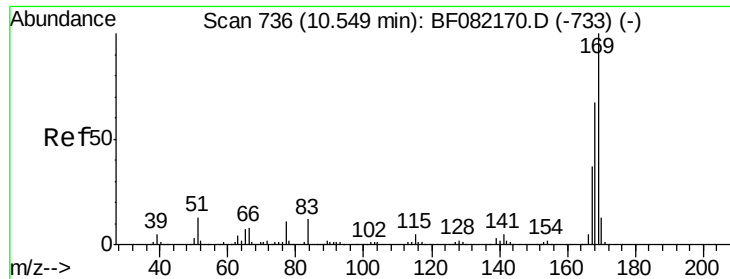
MMDadoda
 10/12/2015 2:32:42 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 35.38 ng
 RT: 10.49 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	63838		
51	23.3	13.6	53.6	
105	27.3	17.1	57.1	





#65

n-Nitrosodiphenylamine

Concen: 38.13 ng

RT: 10.55 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF082176.D

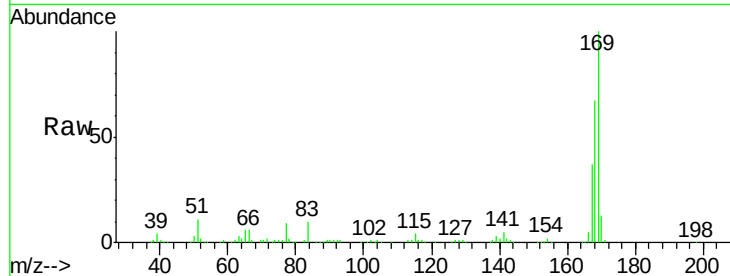
Acq: 10 Oct 2015 15:04

Instrument :

BNA_F

ClientSampleId :

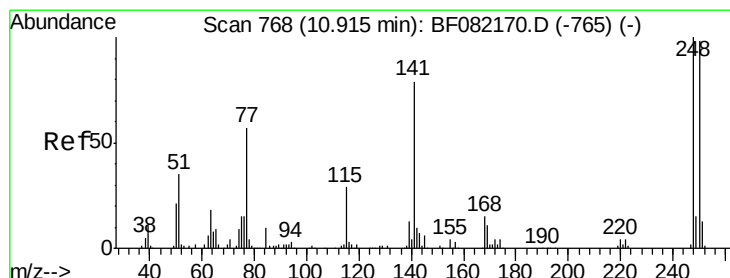
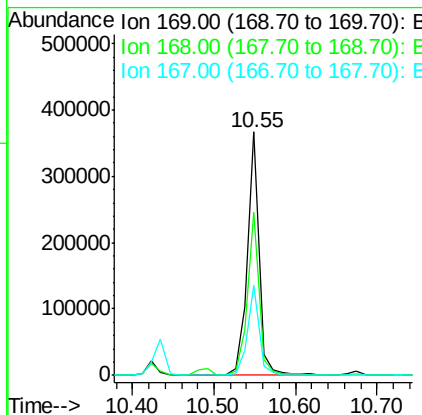
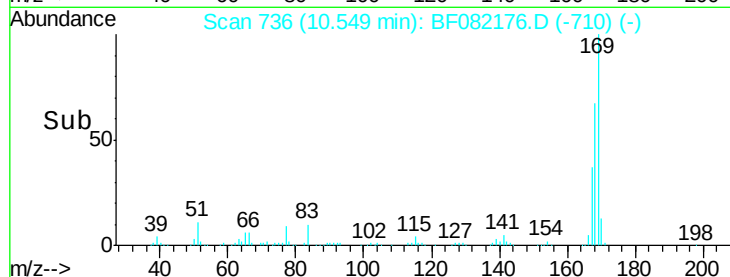
PB86050BS



Tgt Ion	Ratio	Resp	Lower	Upper
169	100	367065		
168	67.0	54.0	81.0	
167	37.0	29.6	44.4	

Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:32:42 PM



#66

4-Bromophenyl-phenylether

Concen: 37.32 ng

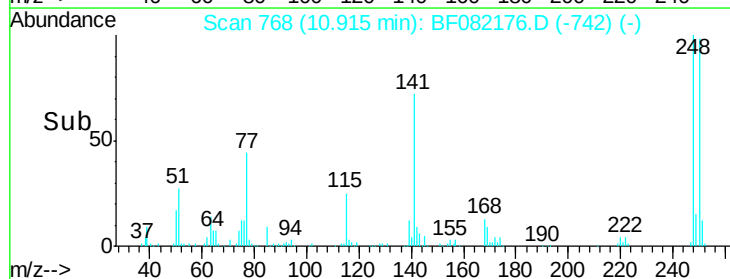
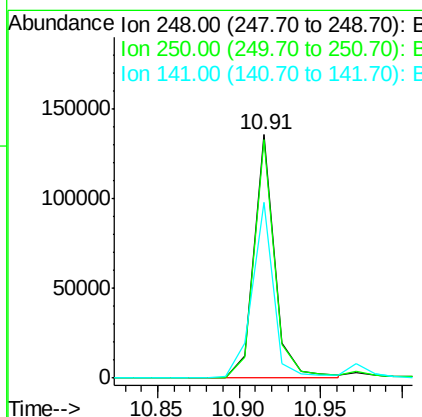
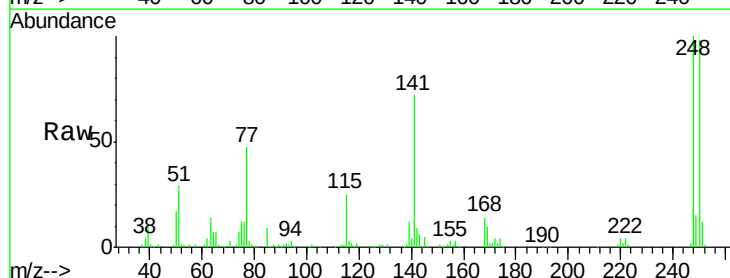
RT: 10.91 min Scan# 768

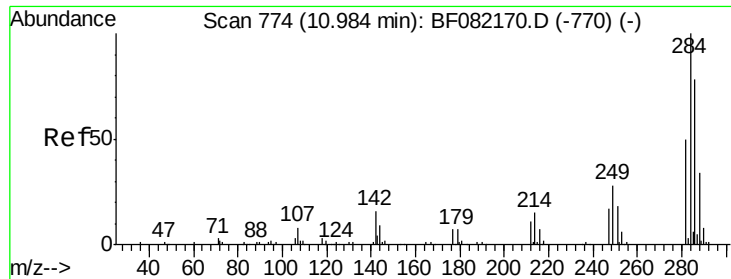
Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	120113		
250	98.1	78.6	117.8	
141	72.2	63.3	94.9	





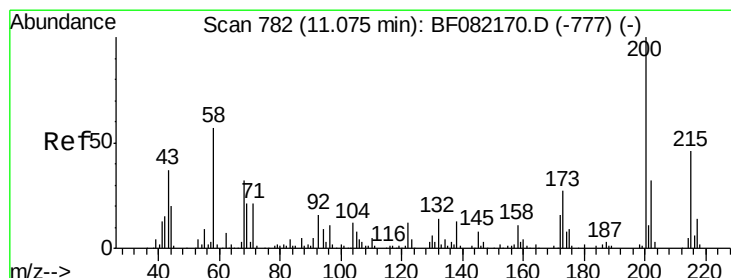
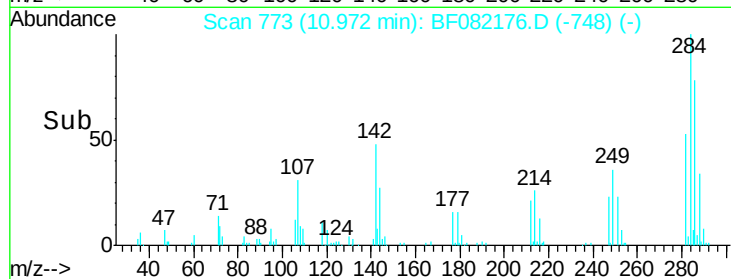
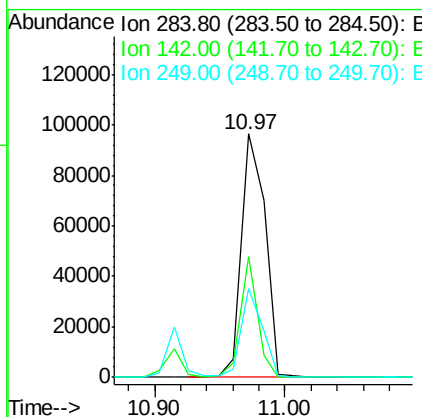
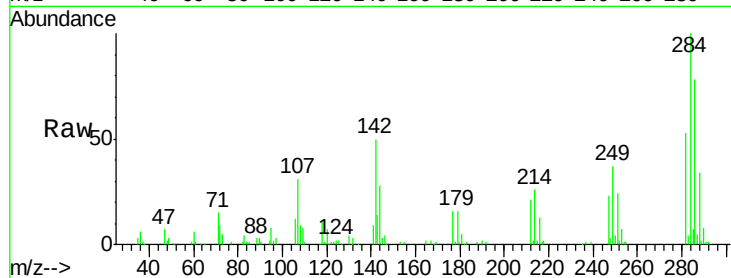
#67
Hexachlorobenzene
Concen: 34.84 ng
RT: 10.97 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF082176.D
Acq: 10 Oct 2015 15:04

Instrument :
BNA_F
ClientSampleId :
PB86050BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	49.7	13.0	19.6#
249	36.7	22.5	33.7#

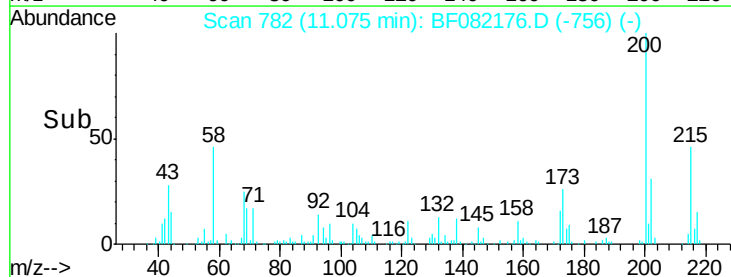
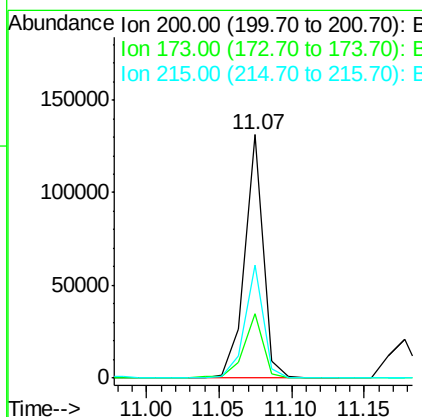
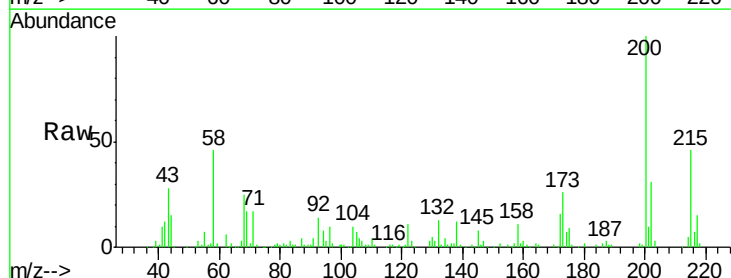
Manual Integrations
APPROVED

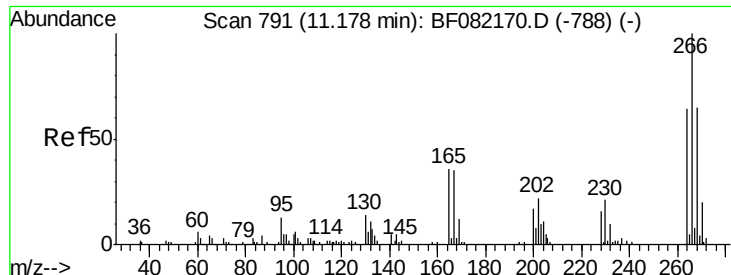
MMDadoda
10/12/2015 2:32:42 PM



#68
Atrazine
Concen: 38.22 ng
RT: 11.07 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF082176.D
Acq: 10 Oct 2015 15:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.4	7.3	47.3
215	46.4	26.2	66.2





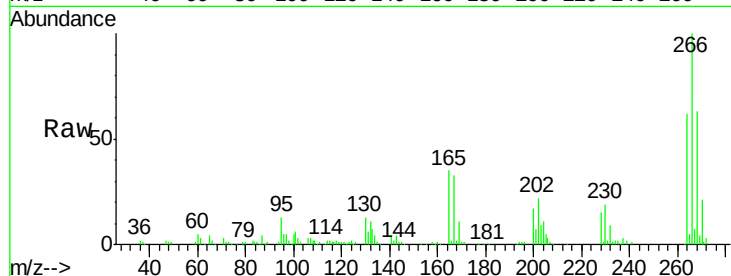
#69
 Pentachlorophenol
 Concen: 78.42 ng
 RT: 11.18 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB86050BS

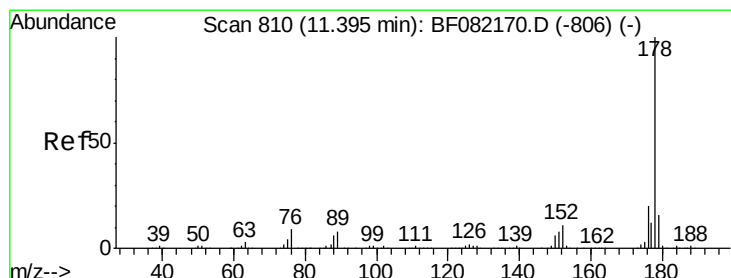
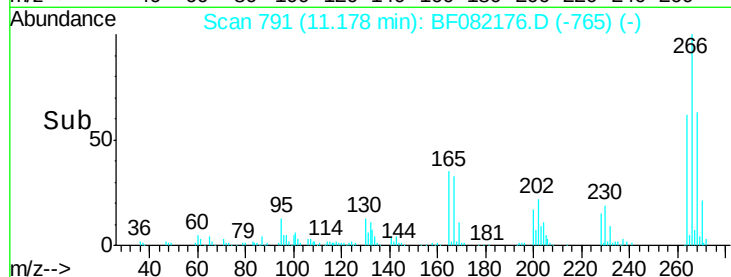
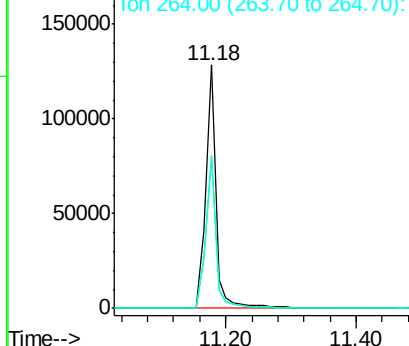
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	140437		
268	62.7	52.0	78.0	
264	62.0	51.4	77.0	

Manual Integrations
 APPROVED

MMDadoda
 10/12/2015 2:32:42 PM

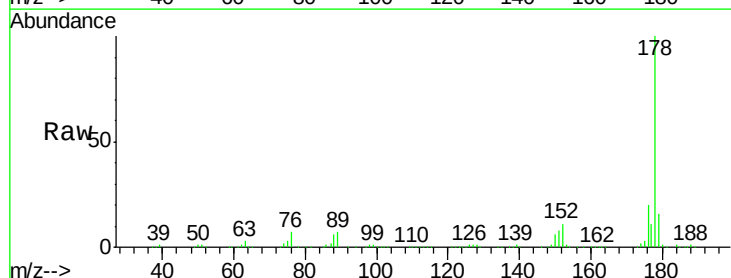


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

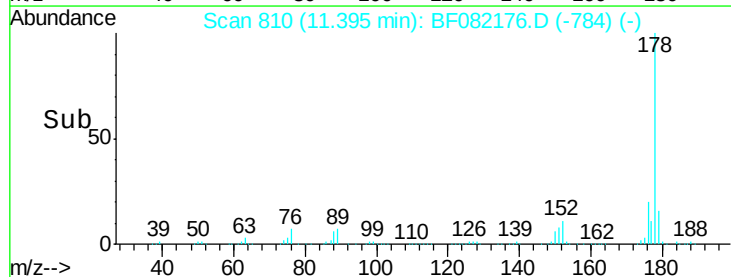
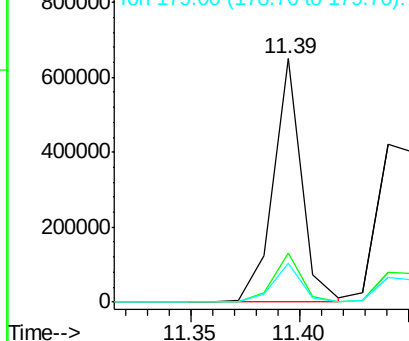


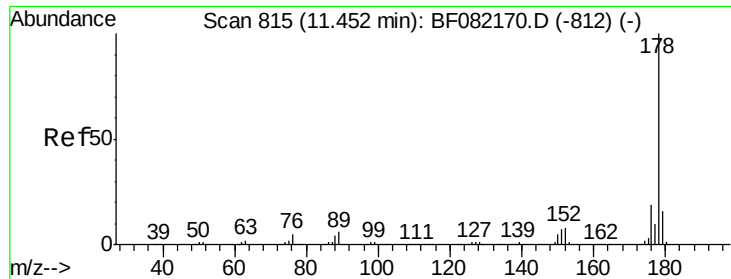
#70
 Phenanthrene
 Concen: 37.51 ng
 RT: 11.39 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	591203		
176	19.9	16.0	24.0	
179	15.7	12.6	19.0	



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





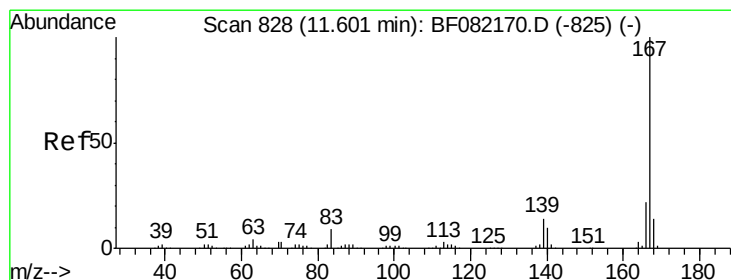
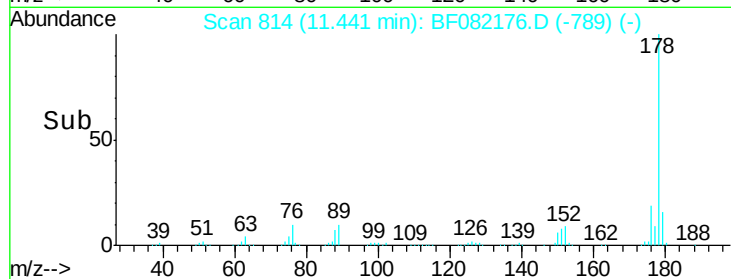
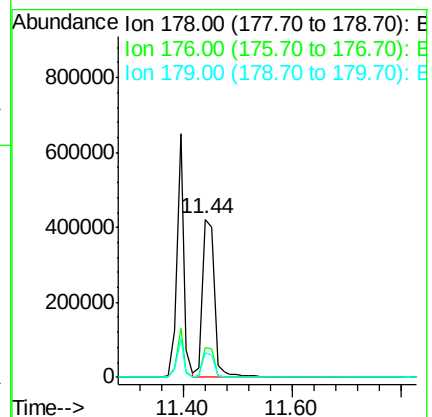
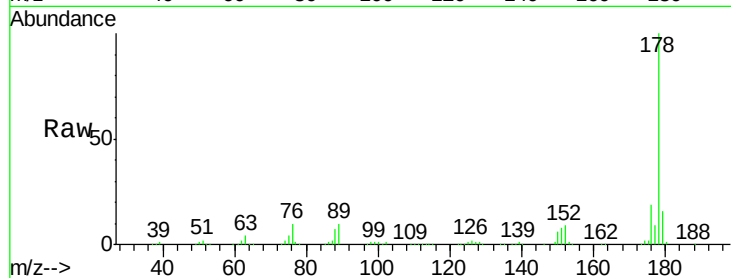
#71
 Anthracene
 Concen: 39.18 ng
 RT: 11.44 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB86050BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.0
179	15.9	12.5	18.7

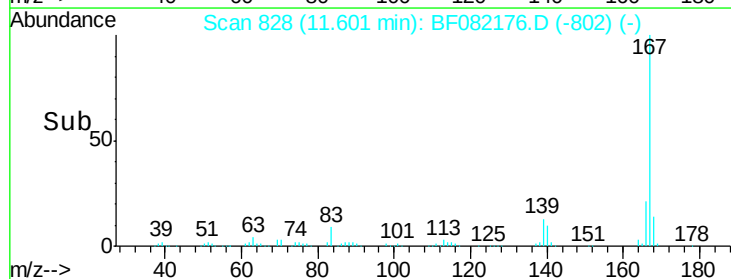
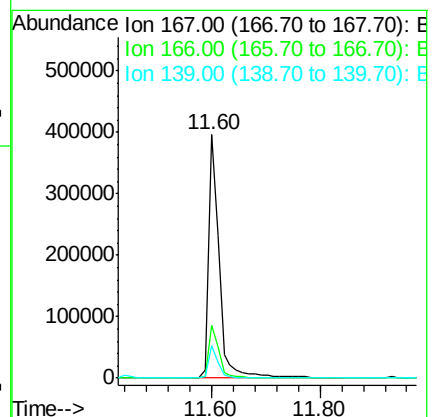
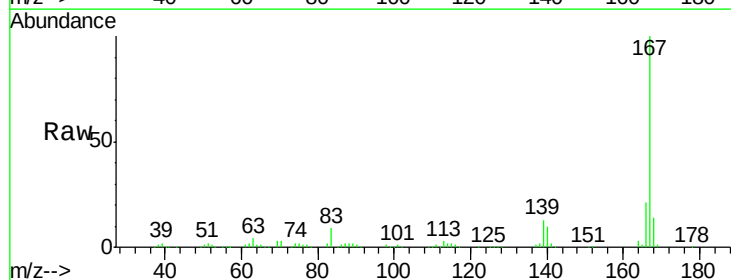
Manual Integrations
 APPROVED

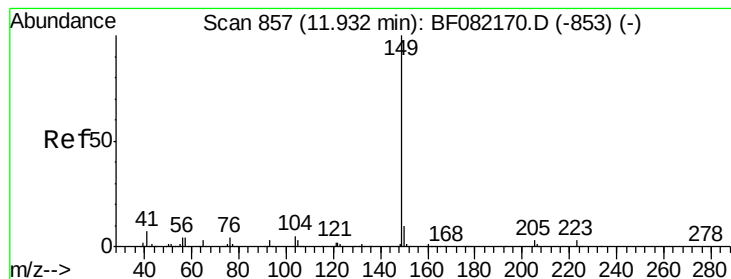
MMDadoda
 10/12/2015 2:32:42 PM



#72
 Carbazole
 Concen: 35.49 ng
 RT: 11.60 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.3	25.9
139	13.5	11.2	16.8





#73

Di-n-butylphthalate

Concen: 37.58 ng

RT: 11.93 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Instrument :

BNA_F

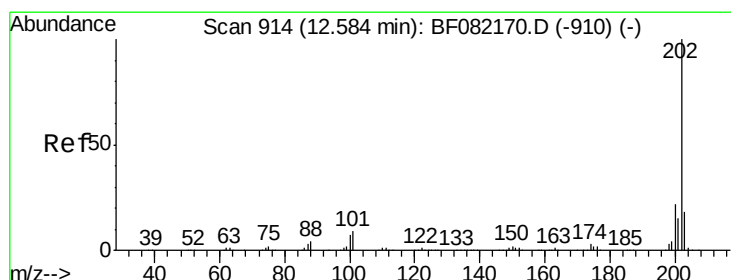
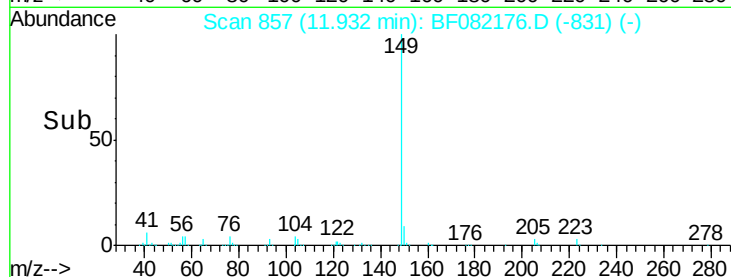
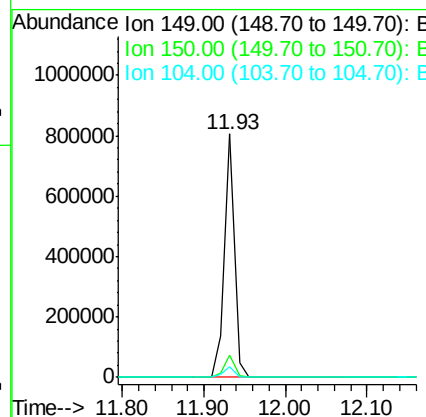
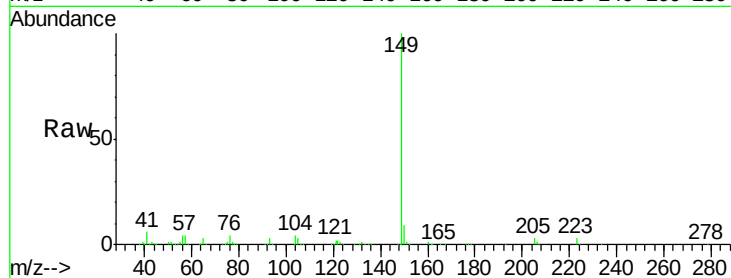
ClientSampleId :

PB86050BS

Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:32:42 PM

Tgt Ion:	149	Resp:	686933
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	4.4	3.8	5.8



#74

Fluoranthene

Concen: 38.67 ng

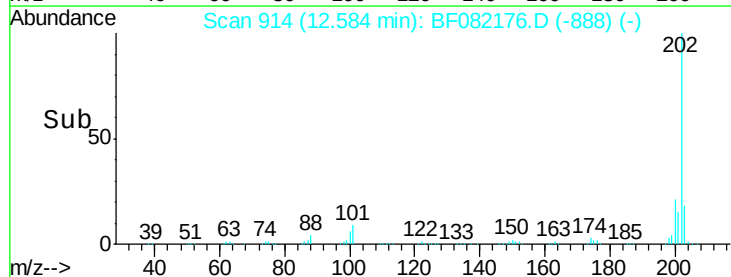
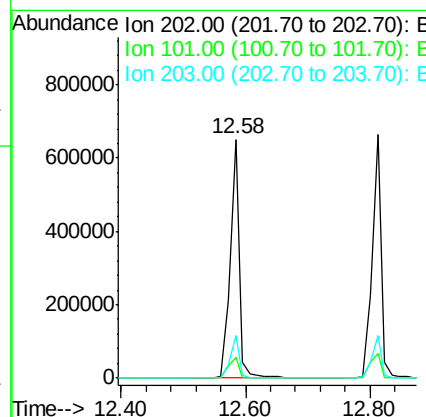
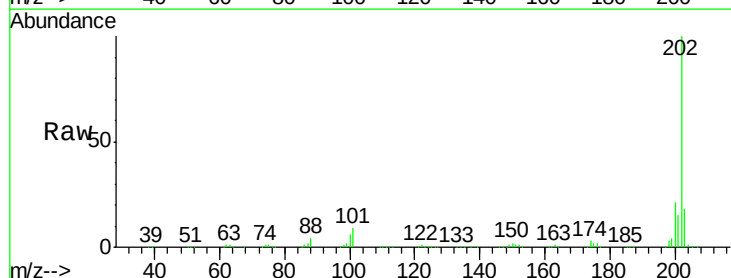
RT: 12.58 min Scan# 914

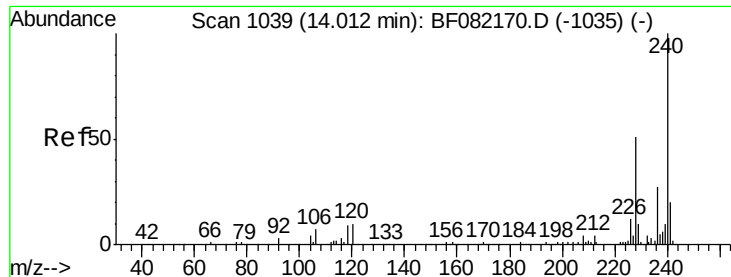
Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Tgt Ion:	202	Resp:	654593
Ion Ratio	Lower	Upper	
202	100		
101	8.6	0.0	29.3
203	18.0	0.0	37.8





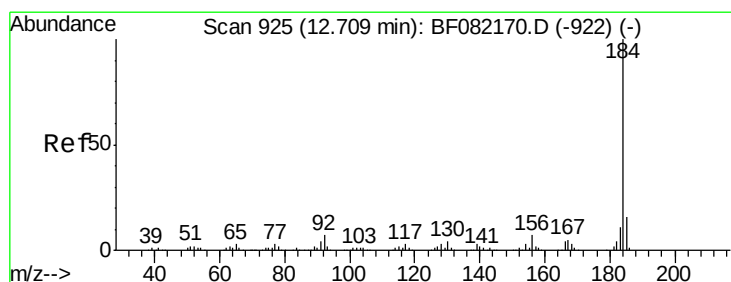
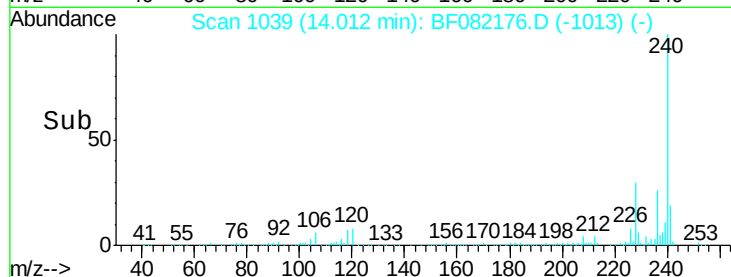
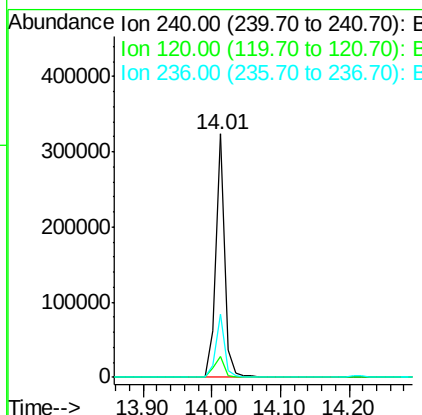
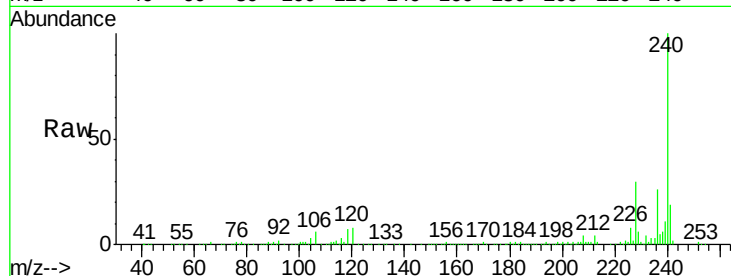
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF082176.D
Acq: 10 Oct 2015 15:04

Instrument :
BNA_F
ClientSampleId :
PB86050BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	304194		
120	8.4	8.1	12.1	
236	25.8	21.3	31.9	

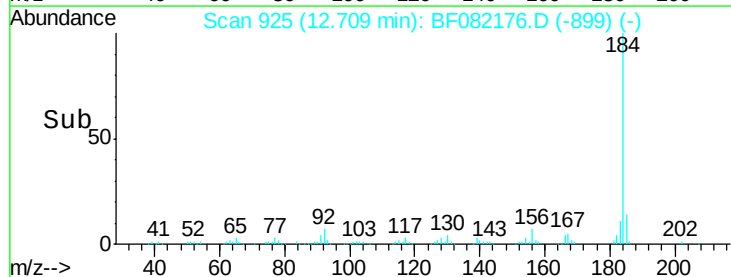
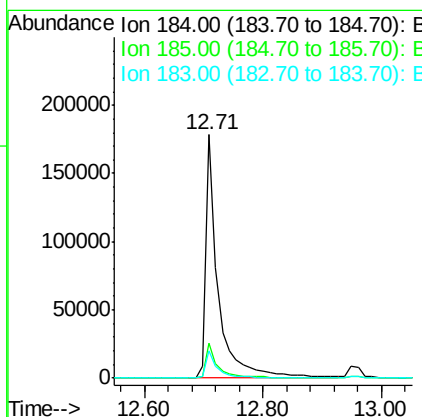
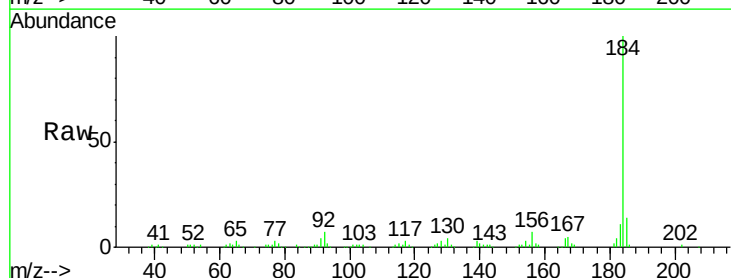
Manual Integrations
APPROVED

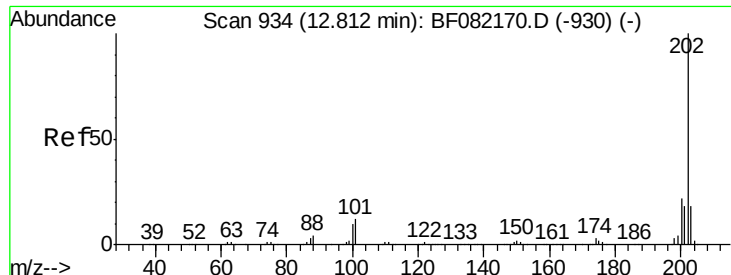
MMDadoda
10/12/2015 2:32:42 PM



#76
Benzidine
Concen: 30.10 ng
RT: 12.71 min Scan# 925
Delta R.T. -0.00 min
Lab File: BF082176.D
Acq: 10 Oct 2015 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	265302		
185	14.2	12.5	18.7	
183	11.1	9.1	13.7	





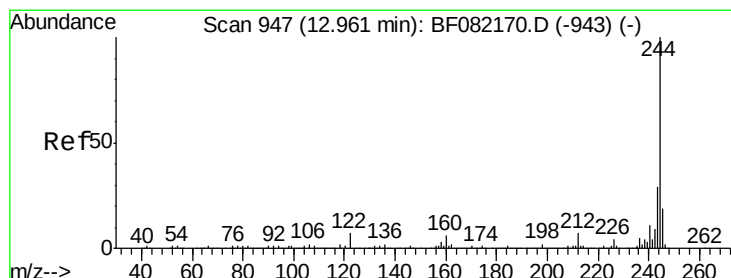
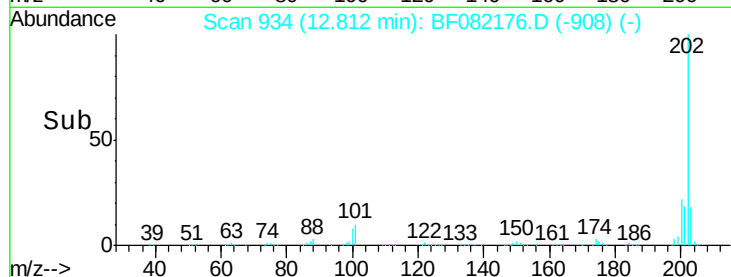
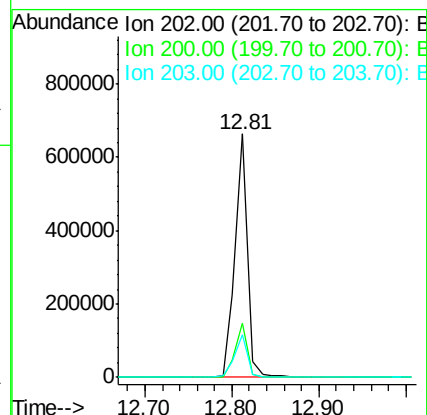
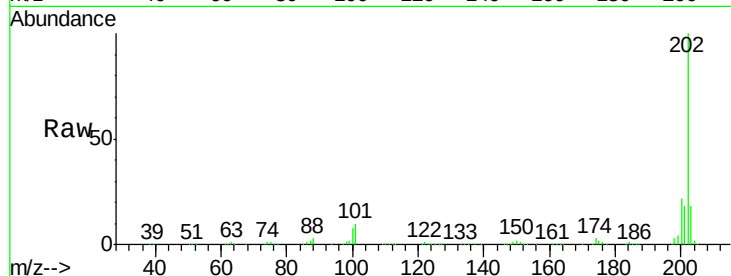
#77
 Pyrene
 Concen: 36.32 ng
 RT: 12.81 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB86050BS

Tgt	Ion	Ratio	Lower	Upper
202	100			
200	22.3	17.9	26.9	
203	17.7	14.5	21.7	

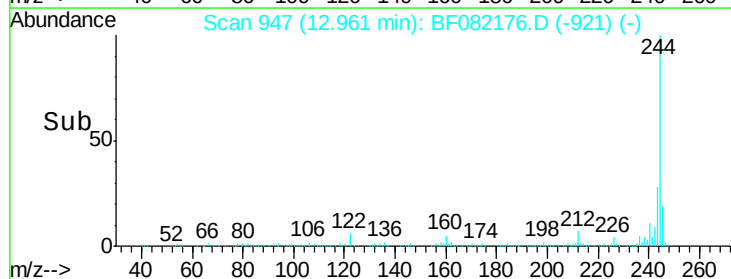
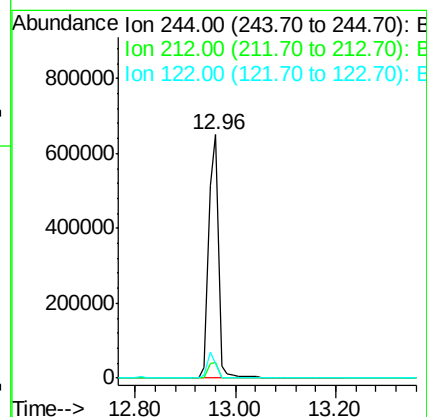
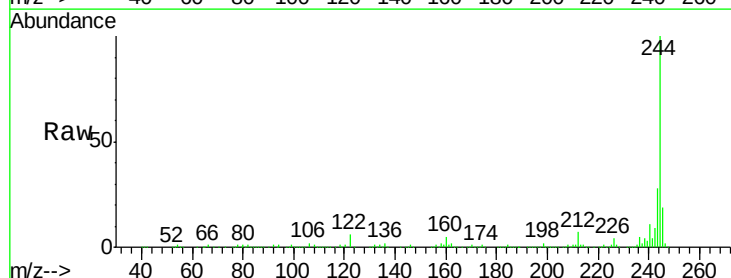
Manual Integrations
 APPROVED

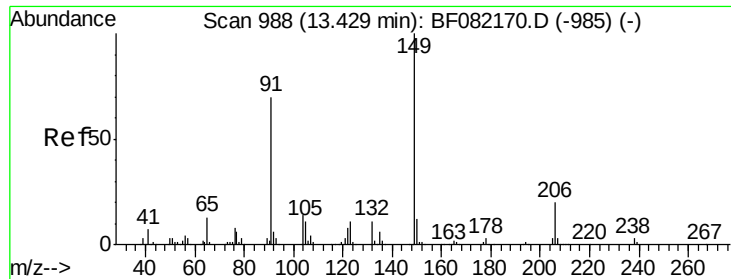
MMDadoda
 10/12/2015 2:32:42 PM



#78
 Terphenyl-d14
 Concen: 76.39 ng
 RT: 12.96 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Tgt	Ion	Ratio	Lower	Upper
244	100			
212	6.6	5.8	8.6	
122	6.1	5.9	8.9	





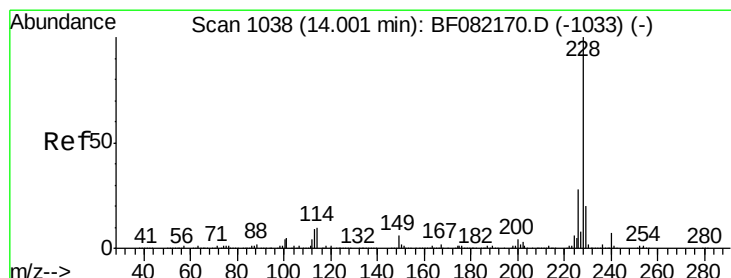
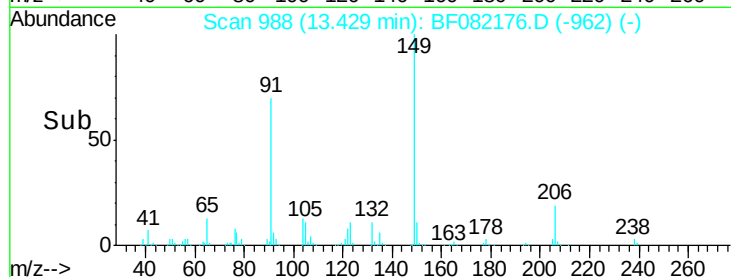
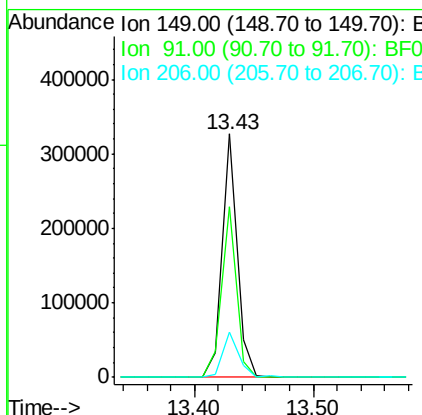
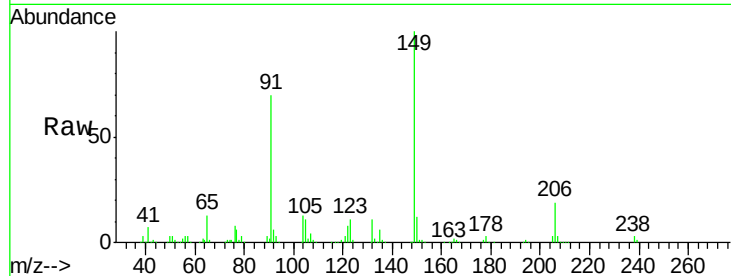
#79
Butylbenzylphthalate
Concen: 34.65 ng
RT: 13.43 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF082176.D
Acq: 10 Oct 2015 15:04

Instrument :
BNA_F
ClientSampleId :
PB86050BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	285432		
91	69.9	55.7	83.5	
206	18.8	15.6	23.4	

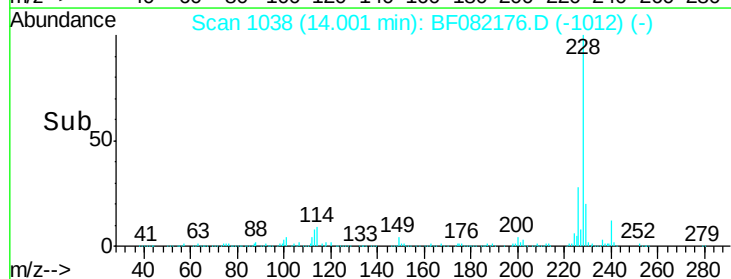
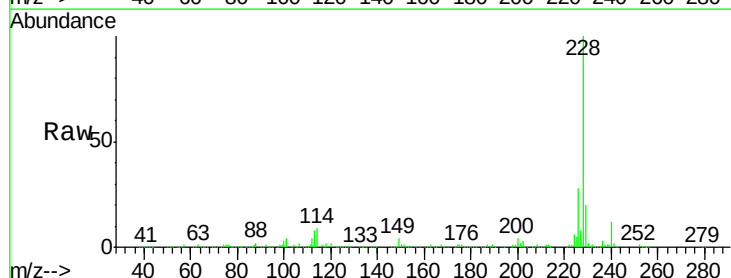
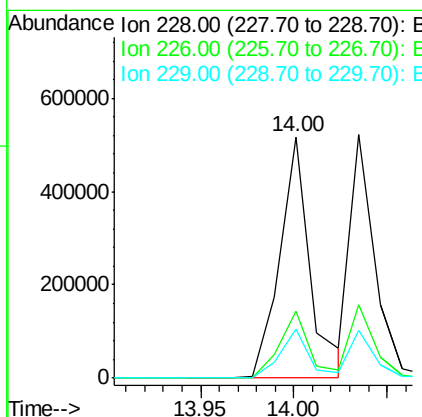
Manual Integrations
APPROVED

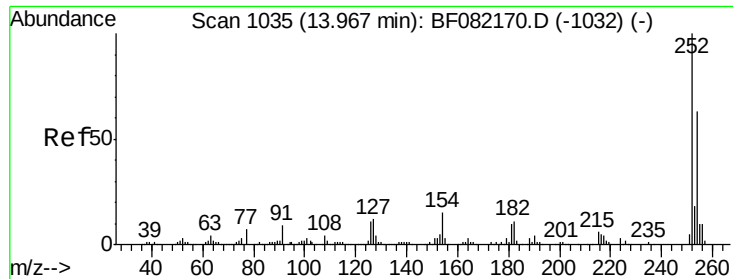
MMDadoda
10/12/2015 2:32:42 PM



#80
Benzo(a)anthracene
Concen: 37.00 ng
RT: 14.00 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF082176.D
Acq: 10 Oct 2015 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	585640		
226	27.9	22.3	33.5	
229	20.4	16.2	24.2	





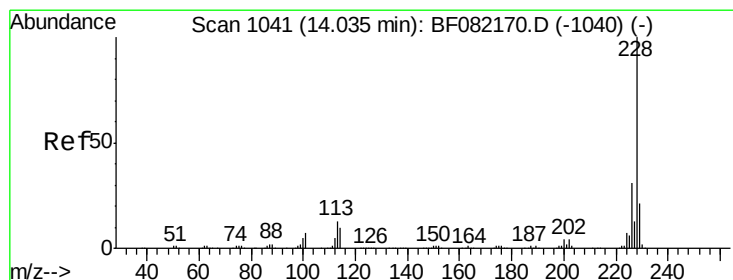
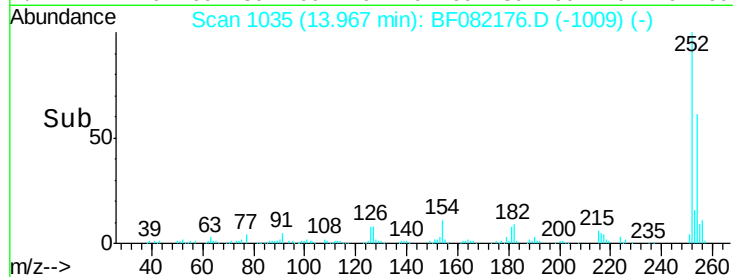
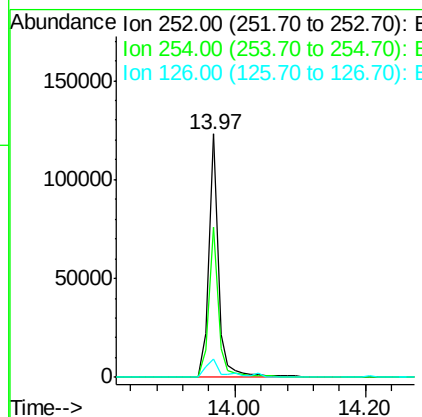
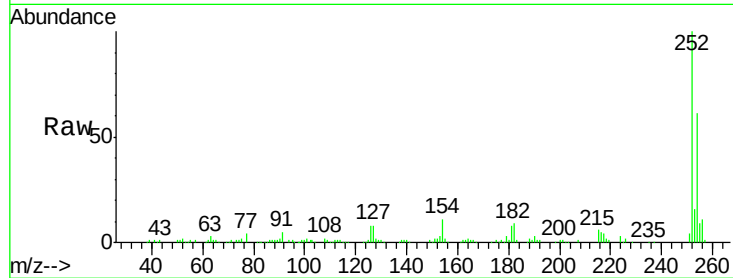
#81
 3,3'-Dichlorobenzidine
 Concen: 21.36 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB86050BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	61.5	50.7	76.1
126	7.7	9.0	13.6

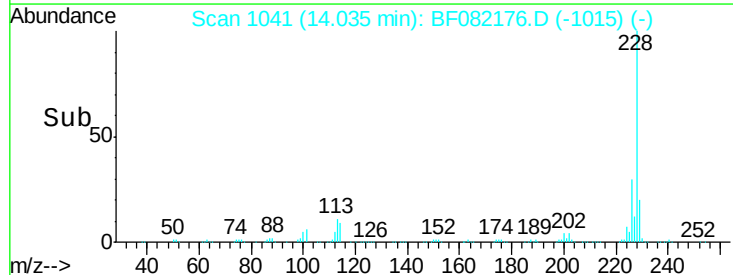
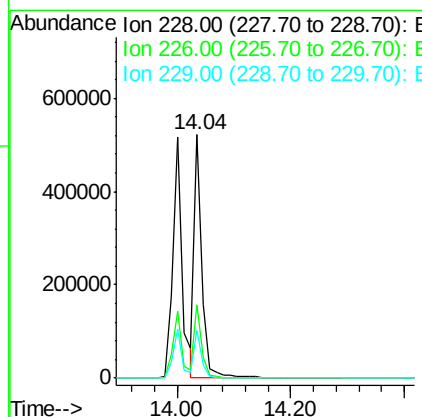
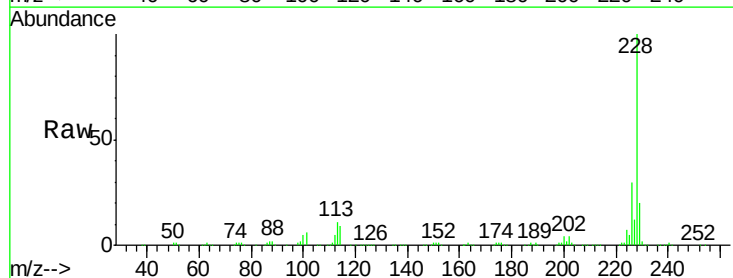
Manual Integrations
 APPROVED

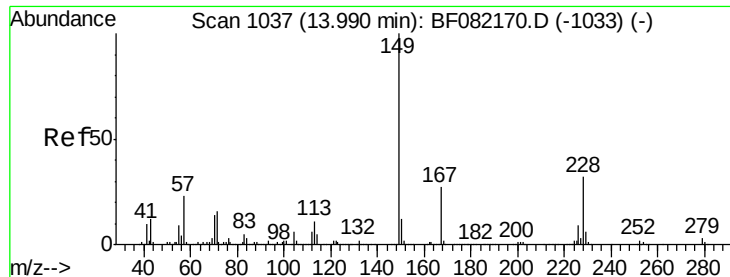
MMDadoda
 10/12/2015 2:32:42 PM



#82
 Chrysene
 Concen: 30.60 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.3	24.4	36.6
229	19.7	16.3	24.5





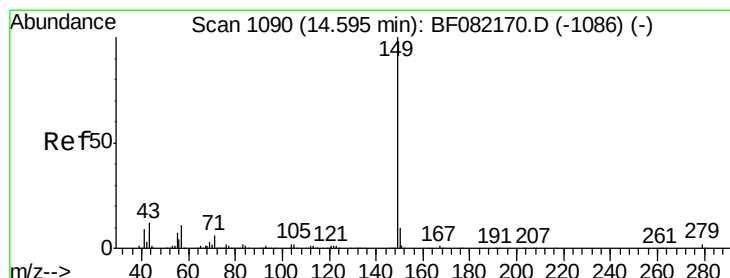
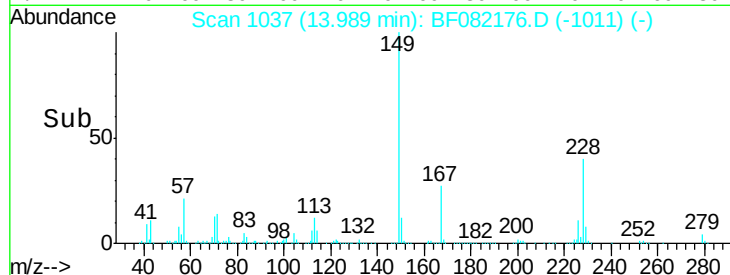
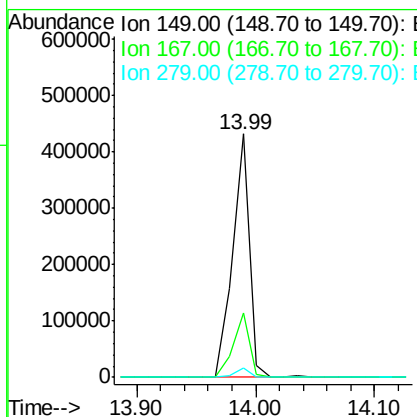
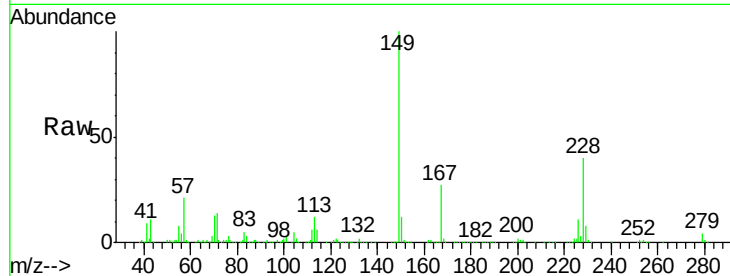
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.93 ng
 RT: 13.99 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB86050BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	422306		
167	26.7	21.3	31.9	
279	3.6	2.6	4.0	

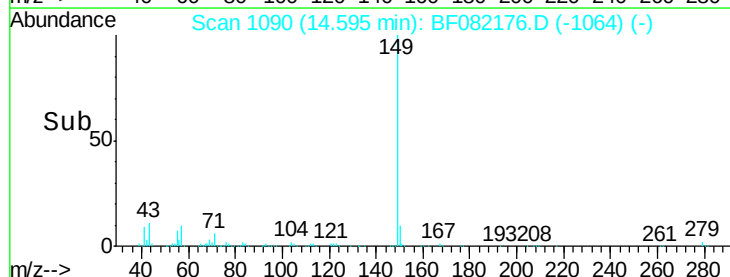
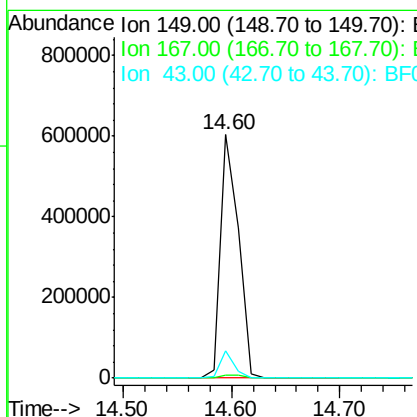
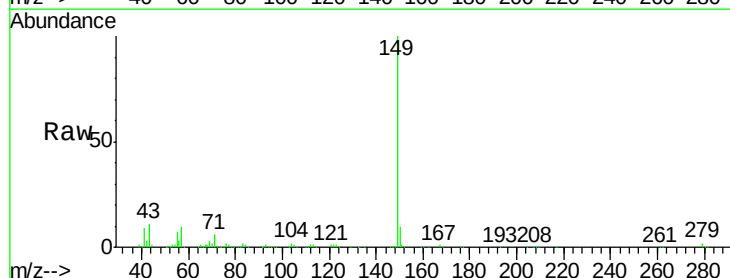
Manual Integrations
 APPROVED

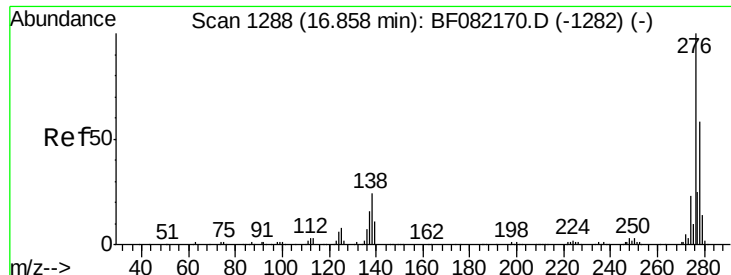
MMDadoda
 10/12/2015 2:32:42 PM



#84
 Di-n-octyl phthalate
 Concen: 34.40 ng
 RT: 14.60 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	694355		
167	1.5	1.3	1.9	
43	9.3	7.4	11.2	





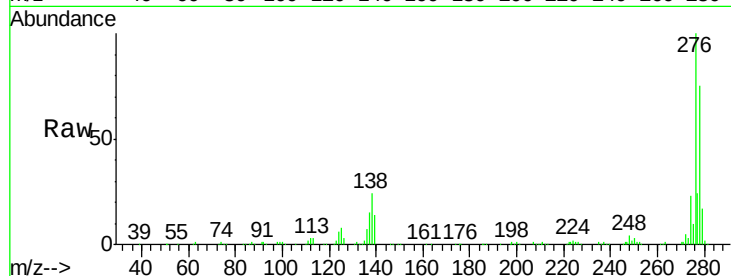
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.72 ng
 RT: 16.86 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB86050BS

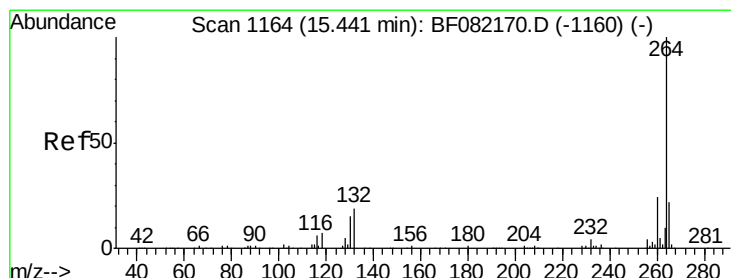
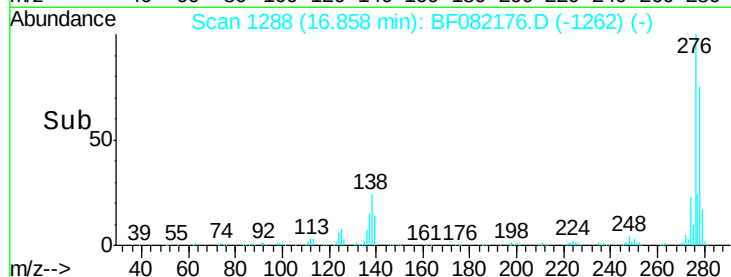
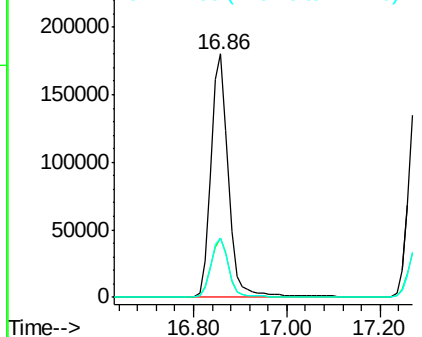
Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.7	29.5
277	24.7	20.1	30.1

Manual Integrations
 APPROVED

MMDadoda
 10/12/2015 2:32:42 PM

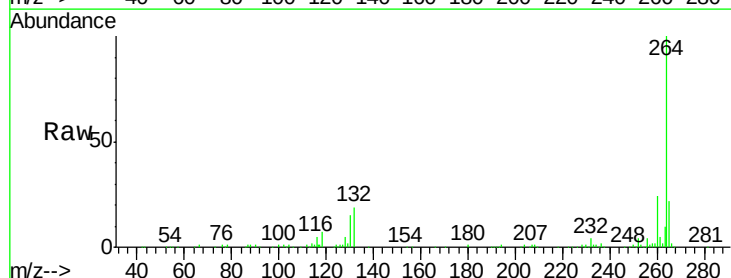


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

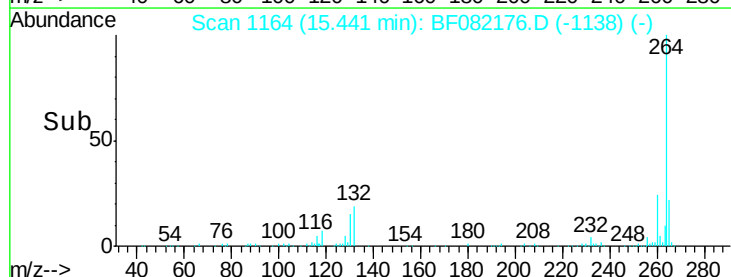
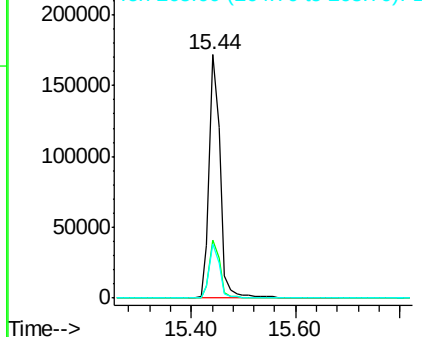


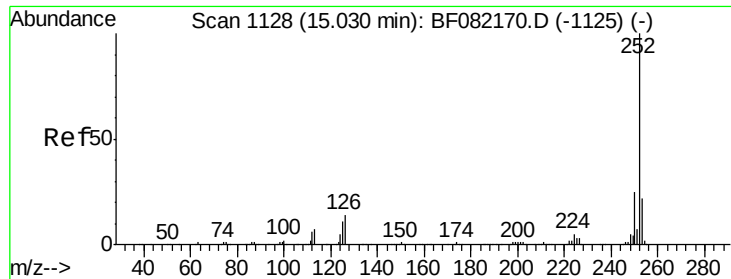
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	22.0	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 32.05 ng m

RT: 15.03 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF082176.D

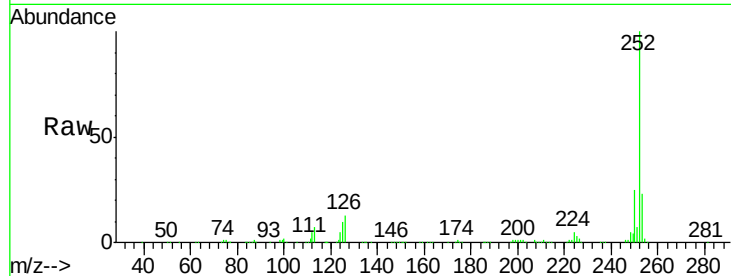
Acq: 10 Oct 2015 15:04

Instrument :

BNA_F

ClientSampleId :

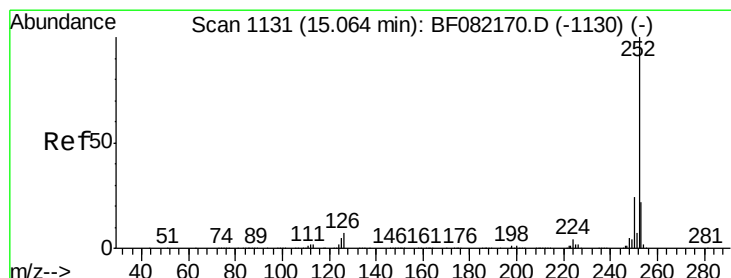
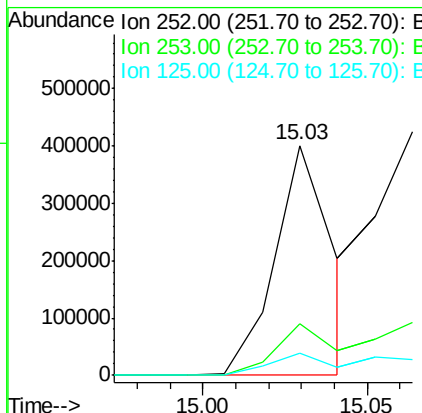
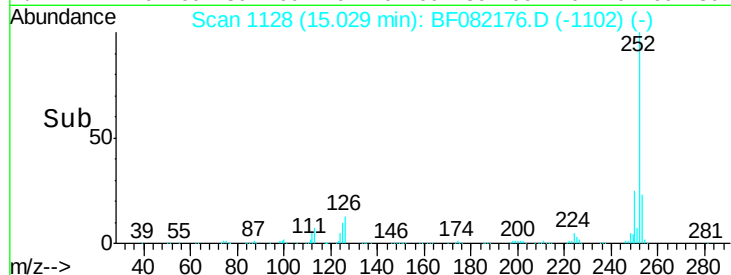
PB86050BS



Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	9.7	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:32:42 PM



#88

Benzo(k)fluoranthene

Concen: 42.46 ng m

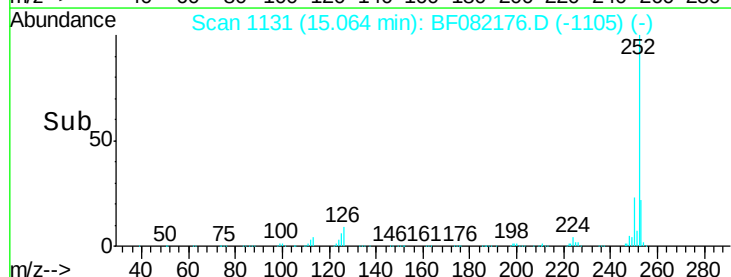
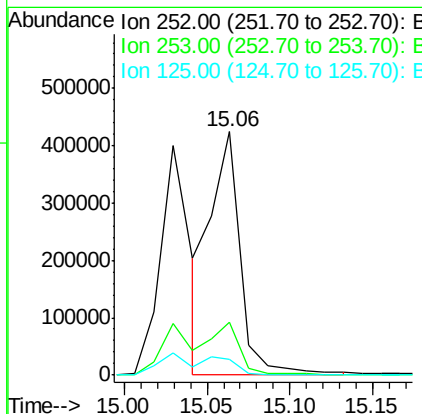
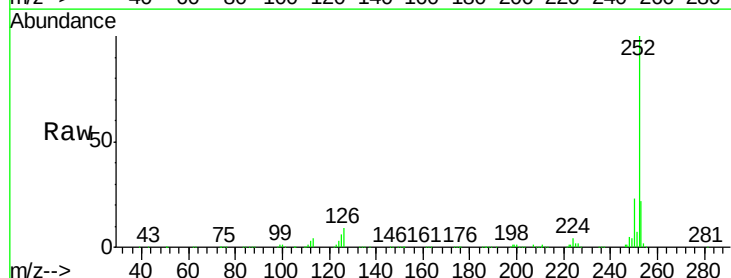
RT: 15.06 min Scan# 1131

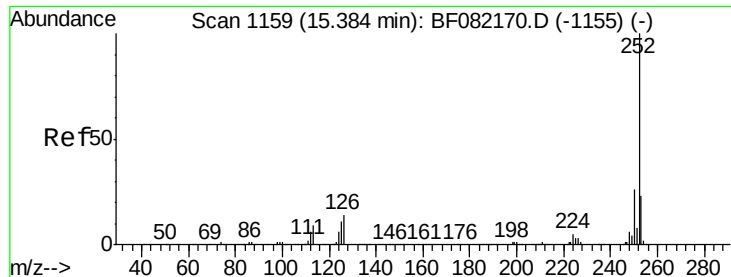
Delta R.T. -0.00 min

Lab File: BF082176.D

Acq: 10 Oct 2015 15:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	6.4	6.7	10.1#





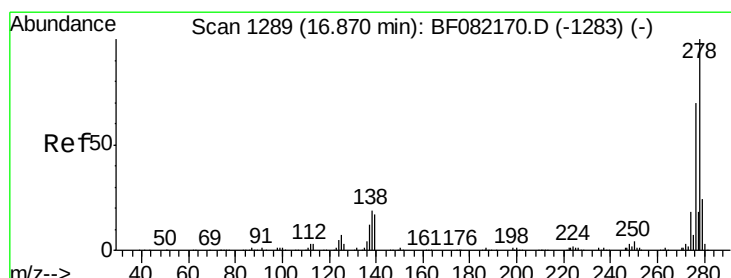
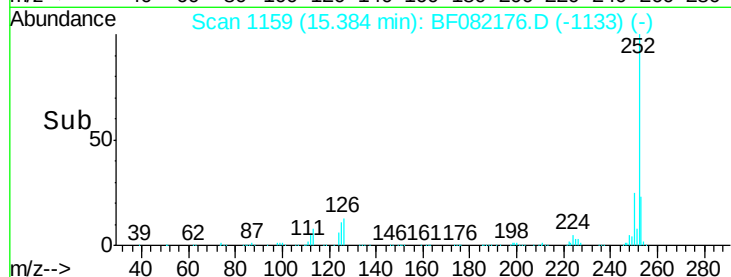
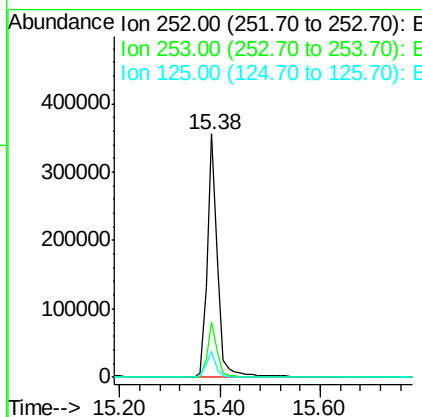
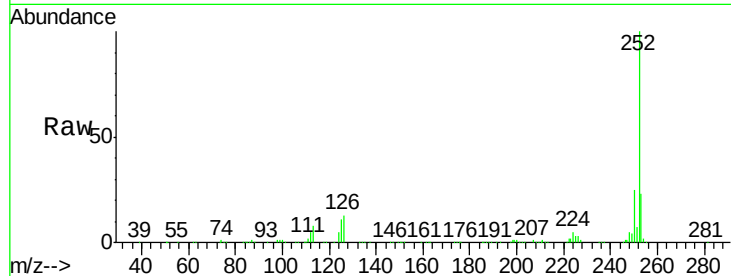
#89
Benzo(a)pyrene
Concen: 36.90 ng
RT: 15.38 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF082176.D
Acq: 10 Oct 2015 15:04

Instrument :
BNA_F
ClientSampleId :
PB86050BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	10.6	8.9	13.3

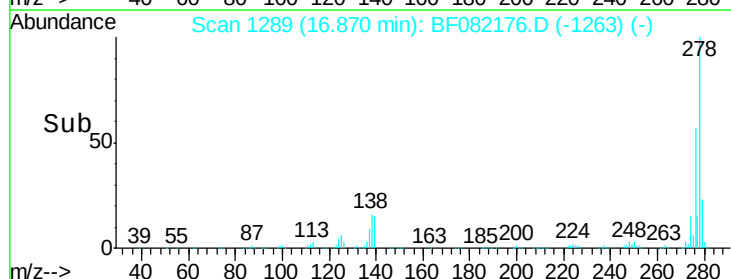
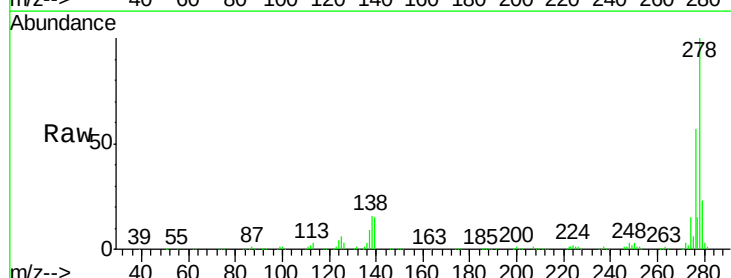
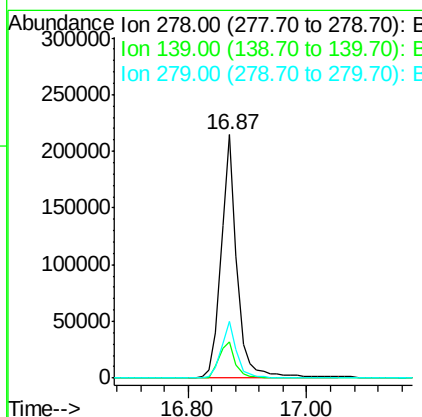
Manual Integrations
APPROVED

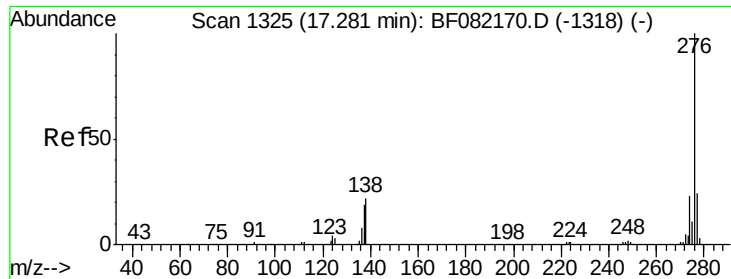
MMDadoda
10/12/2015 2:32:42 PM



#90
Dibenzo(a,h)anthracene
Concen: 36.89 ng
RT: 16.87 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BF082176.D
Acq: 10 Oct 2015 15:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.7	13.3	19.9
279	23.1	18.9	28.3





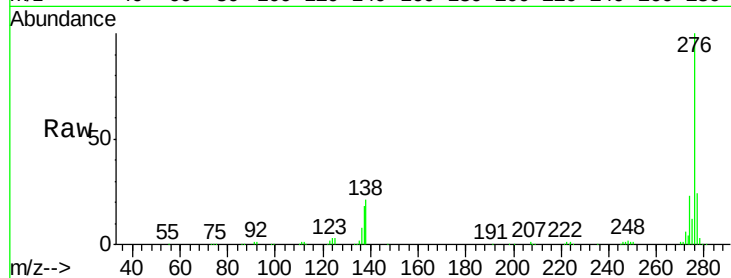
#91
 Benzo(g,h,i)perylene
 Concen: 36.20 ng
 RT: 17.28 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BF082176.D
 Acq: 10 Oct 2015 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB86050BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.5	18.8	28.2
138	20.8	17.4	26.2

Manual Integrations
 APPROVED

MMDadoda
 10/12/2015 2:32:42 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

