

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
 Data File : BF082259.D
 Acq On : 13 Oct 2015 17:36
 Operator : UM/IZ
 Sample : PB86086BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86086BS

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:51:17 PM

Quant Time: Oct 14 01:53:18 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 14 01:15:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	80280	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	319672	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	160870	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	305068	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	302438	20.00	ng	-0.05
86) Perylene-d12	15.66	264	281802	20.00	ng	-0.11

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	490258	123.25	ng	0.01
7) Phenol-d6	6.47	99	610727	117.98	ng	0.00
23) Nitrobenzene-d5	7.39	82	377672	79.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	179827	119.20	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	818060	84.33	ng	0.00
78) Terphenyl-d14	12.97	244	841902	73.77	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.46	88	57209	28.62	ng	90
3) Pyridine	3.18	79	163548	35.18	ng	97
4) n-Nitrosodimethylamine	3.13	42	67100	34.04	ng	99
6) Aniline	6.49	93	170896	25.61	ng	98
8) 2-Chlorophenol	6.61	128	170923	35.20	ng	# 77
9) Benzaldehyde	6.38	77	86121	32.58	ng	92
10) Phenol	6.48	94	232184	38.90	ng	98
11) bis(2-Chloroethyl)ether	6.57	93	176326	34.94	ng	94
12) 1,3-Dichlorobenzene	6.77	146	206042	36.43	ng	98
13) 1,4-Dichlorobenzene	6.85	146	209596	35.49	ng	98
14) 1,2-Dichlorobenzene	6.99	146	198124	35.33	ng	97
15) Benzyl Alcohol	6.97	79	135987	38.05	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	244249	34.75	ng	99
17) 2-Methylphenol	7.09	107	139758	36.40	ng	99
18) Hexachloroethane	7.34	117	72427	35.83	ng	93
19) n-Nitroso-di-n-propylamine	7.25	70	121413	33.40	ng	# 89
20) 3+4-Methylphenols	7.25	107	177861	38.87	ng	95
22) Acetophenone	7.25	105	246215	38.94	ng	# 96
24) Nitrobenzene	7.42	77	185783	36.06	ng	95
25) Isophorone	7.66	82	348310	36.25	ng	97
26) 2-Nitrophenol	7.74	139	101338	39.39	ng	95
27) 2,4-Dimethylphenol	7.77	122	155771	37.58	ng	100
28) bis(2-Chloroethoxy)methane	7.87	93	211599	37.85	ng	99
29) 2,4-Dichlorophenol	7.98	162	169333	40.87	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	174132	36.46	ng	99
31) Naphthalene	8.14	128	513773	37.08	ng	99
32) Benzoic acid	7.90	122	81723	29.38	ng	97
33) 4-Chloroaniline	8.19	127	104012	18.07	ng	96
34) Hexachlorobutadiene	8.25	225	105913	35.59	ng	99
35) Caprolactam	8.56	113	46166	38.39	ng	# 72
36) 4-Chloro-3-methylphenol	8.69	107	166474	41.08	ng	86
37) 2-Methylnaphthalene	8.83	142	370066	38.52	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	169140	35.35	ng	99
40) Hexachlorocyclopentadiene	8.98	237	169380	71.00	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
 Data File : BF082259.D
 Acq On : 13 Oct 2015 17:36
 Operator : UM/IZ
 Sample : PB86086BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86086BS

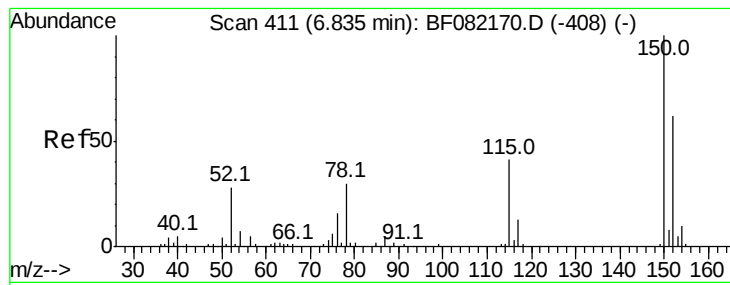
Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:51:17 PM

Quant Time: Oct 14 01:53:18 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 14 01:15:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	109637	34.50	nq	98
43) 2,4,5-Trichlorophenol	9.15	196	135942	39.49	nq	95
45) 1,1'-Biphenyl	9.29	154	436747	35.60	nq	99
46) 2-Chloronaphthalene	9.33	162	358348	37.11	nq	99
47) 2-Nitroaniline	9.43	65	103224	38.94	nq	# 67
48) Acenaphthylene	9.74	152	560790	37.28	nq	100
49) Dimethylphthalate	9.60	163	393349	34.72	nq	100
50) 2,6-Dinitrotoluene	9.67	165	98149	41.06	nq	97
51) Acenaphthene	9.91	154	326515	36.15	nq	99
52) 3-Nitroaniline	9.84	138	53753	19.91	nq	98
53) 2,4-Dinitrophenol	9.94	184	86678	66.10	nq	# 73
54) Dibenzofuran	10.08	168	479241	38.65	nq	98
55) 4-Nitrophenol	10.01	139	129616	72.28	nq	98
56) 2,4-Dinitrotoluene	10.07	165	113194	37.89	nq	89
57) Fluorene	10.42	166	377978	37.12	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	106896	38.00	nq	93
59) Diethylphthalate	10.30	149	385671	36.52	nq	97
60) 4-Chlorophenyl-phenylether	10.42	204	177903	38.14	nq	# 80
61) 4-Nitroaniline	10.46	138	96106	36.70	nq	98
62) Azobenzene	10.58	77	391973	37.93	nq	84
64) 4,6-Dinitro-2-methylphenol	10.48	198	64224	37.51	nq	87
65) n-Nitrosodiphenylamine	10.54	169	330545	36.19	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	109941	36.01	nq	# 81
67) Hexachlorobenzene	10.97	284	126808	38.40	nq	# 87
68) Atrazine	11.07	200	113229	39.13	nq	95
69) Pentachlorophenol	11.17	266	126032	74.18	nq	96
70) Phenanthrene	11.39	178	578672	38.70	nq	98
71) Anthracene	11.44	178	610693	39.63	nq	99
72) Carbazole	11.60	167	542382	38.59	nq	99
73) Di-n-butylphthalate	11.93	149	637293	36.75	nq	98
74) Fluoranthene	12.58	202	647228	40.30	nq	99
76) Benzidine	12.72	184	307799	35.12	nq	98
77) Pyrene	12.81	202	632185	35.22	nq	99
79) Butylbenzylphthalate	13.46	149	267905	32.71	nq	99
80) Benzo(a)anthracene	14.08	228	599037	38.07	nq	99
81) 3,3'-Dichlorobenzidine	14.05	252	142236	23.81	nq	# 96
82) Chrysene	14.12	228	532165	32.10	nq	99
83) Bis(2-ethylhexyl)phthalate	14.07	149	341907	29.26	nq	# 98
84) Di-n-octyl phthalate	14.78	149	637889	31.79	nq	99
85) Indeno(1,2,3-cd)pyrene	17.11	276	538077	40.83	nq	99
87) Benzo(b)fluoranthene	15.24	252	558579	32.58	nq	# 98
88) Benzo(k)fluoranthene	15.27	252	579497m	40.21	nq	
89) Benzo(a)pyrene	15.60	252	558489	37.90	nq	# 97
90) Dibenzo(a,h)anthracene	17.12	278	445462	36.89	nq	99
91) Benzo(g,h,i)perylene	17.53	276	433197	36.93	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

Instrument :

BNA_F

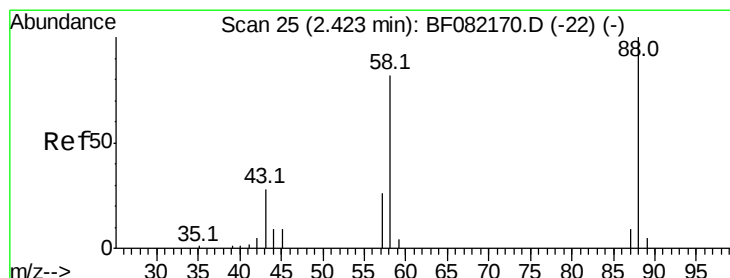
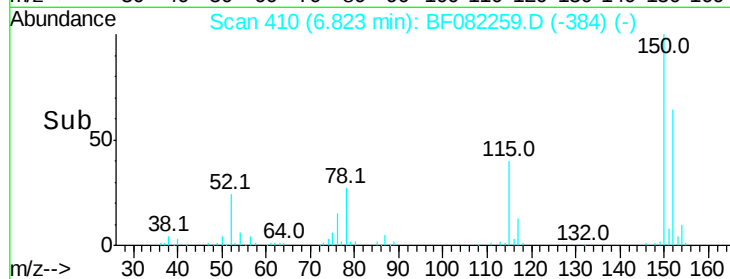
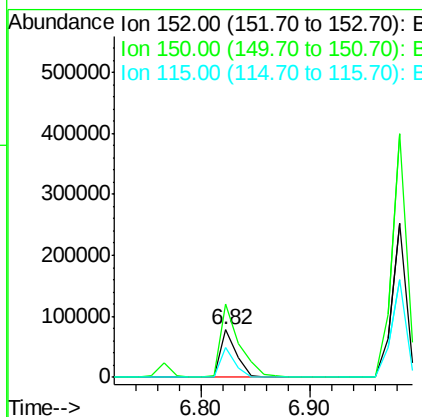
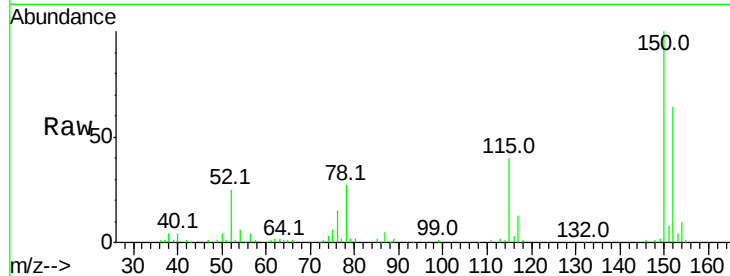
ClientSampleId :

PB86086BS

Tot Ion:	152	Resp:	80280
Ion Ratio	Lower	Upper	
152	100		
150	155.8	129.0	193.4
115	62.6	52.1	78.1

Manual Integrations
APPROVED

MMdadoda
10/14/2015 3:51:17 PM



#2

1,4-Dioxane

Concen: 28.62 ng

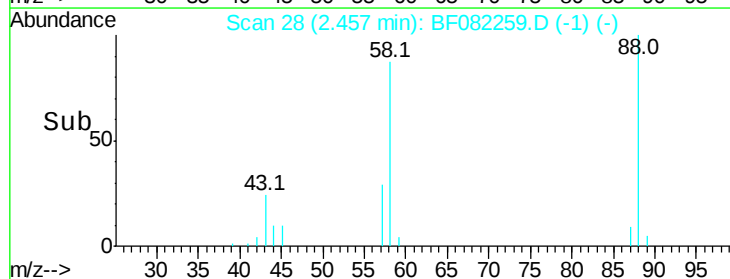
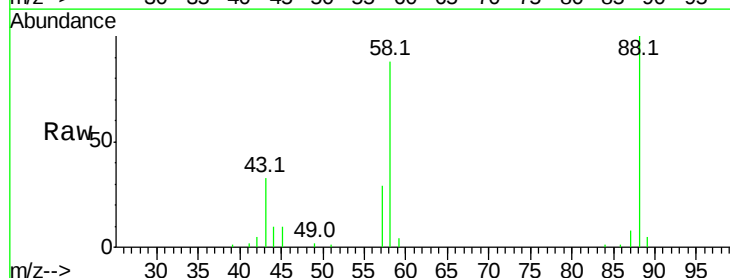
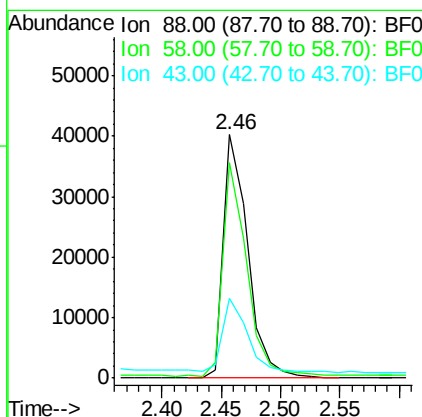
RT: 2.46 min Scan# 28

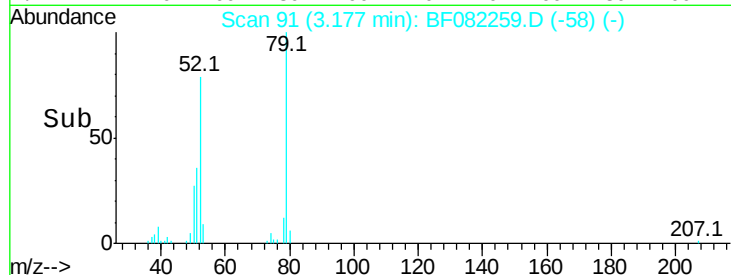
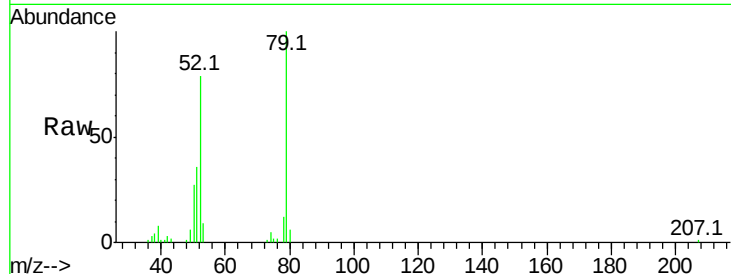
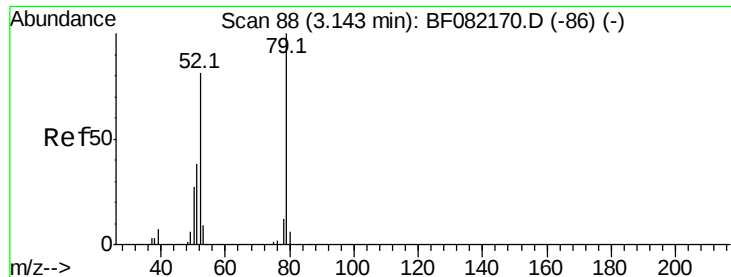
Delta R.T. 0.08 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

Tgt Ion:	88	Resp:	57209
Ion Ratio	Lower	Upper	
88	100		
58	92.4	66.2	99.4
43	33.7	23.0	34.4





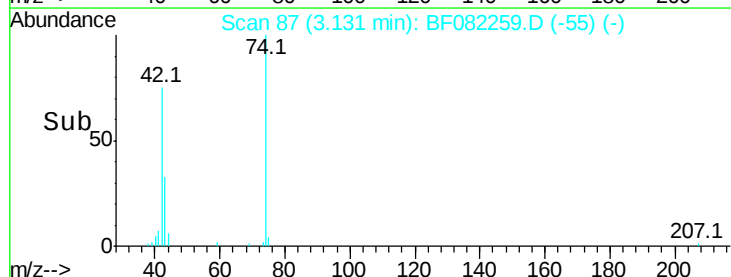
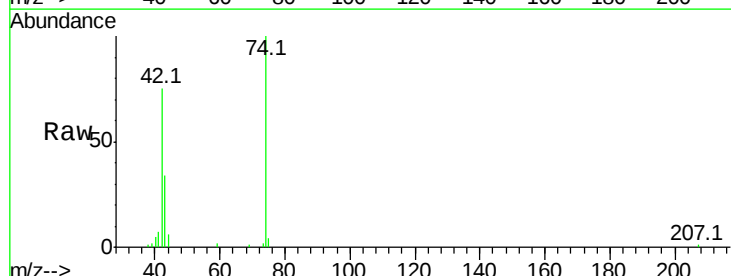
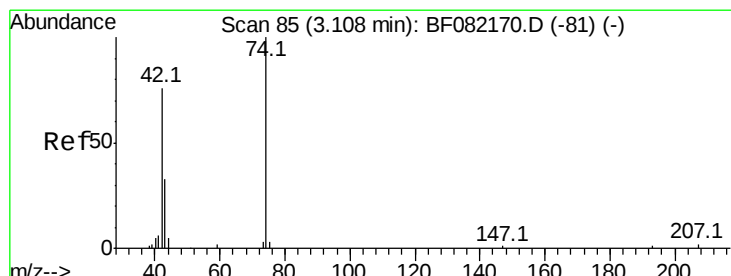
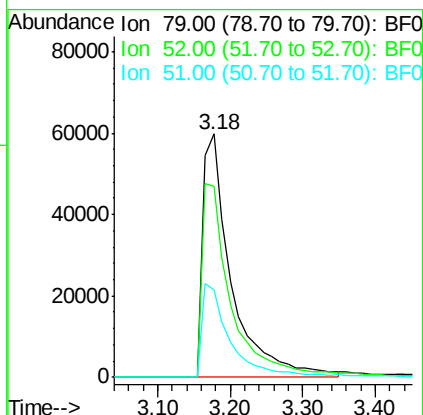
#3
 Pvridine
 Concen: 35.18 ng
 RT: 3.18 min Scan# 91
 Delta R.T. 0.08 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Tot Ion	Ratio	Lower	Upper
79	100		
52	78.7	64.4	96.6
51	36.0	30.5	45.7

Instrument :
 BNA_F
 ClientSampleId :
 PB86086BS

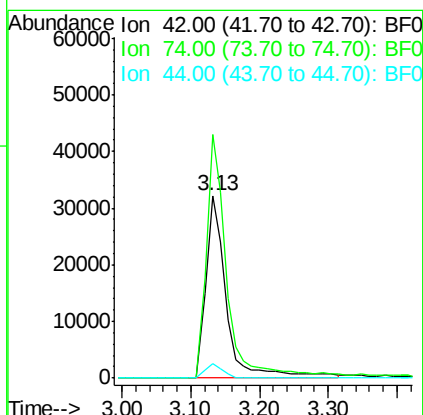
Manual Integrations
 APPROVED

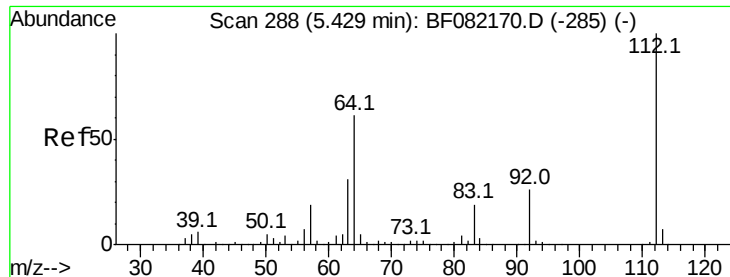
MMdadoda
 10/14/2015 3:51:17 PM



#4
 n-Nitrosodimethylamine
 Concen: 34.04 ng
 RT: 3.13 min Scan# 87
 Delta R.T. 0.07 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Tgt Ion	Ratio	Lower	Upper
42	100		
74	133.2	105.7	158.5
44	7.8	5.4	8.2





#5

2-Fluorophenol

Concen: 123.25 ng

RT: 5.43 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

Instrument :

BNA_F

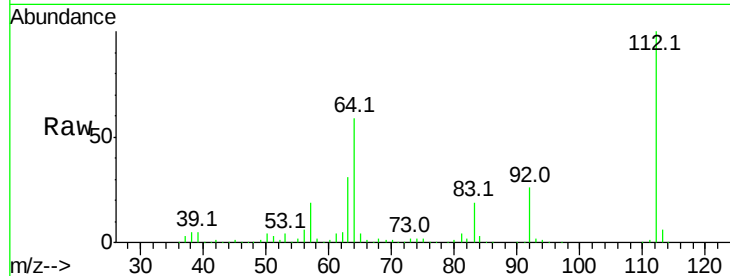
ClientSampleId :

PB86086BS

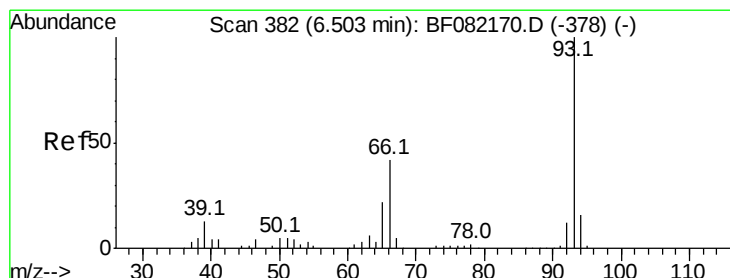
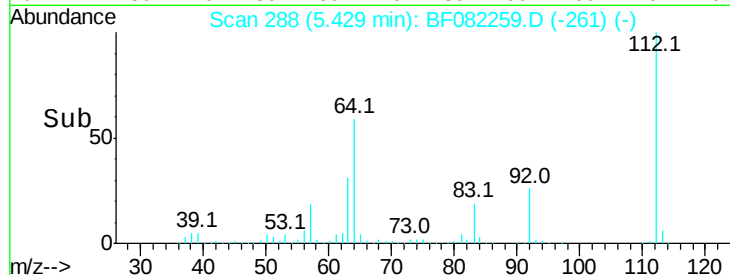
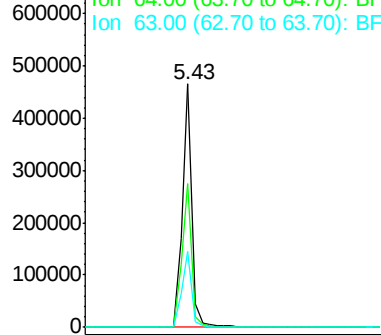
Tot Ion	Ion	Ratio	Resp	Lower	Upper
490258	112	100			
	64	59.2	48.6	73.0	
	63	31.2	25.1	37.7	

Manual Integrations
APPROVED

MMdadoda
10/14/2015 3:51:17 PM



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 25.61 ng

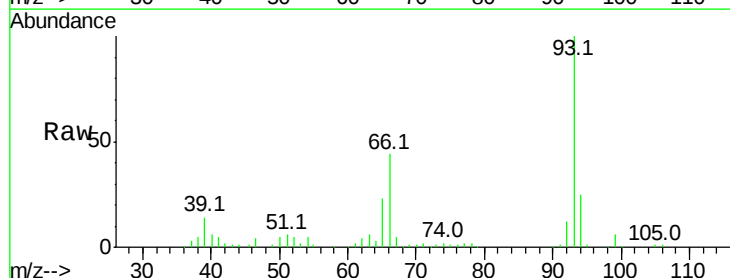
RT: 6.49 min Scan# 381

Delta R.T. 0.00 min

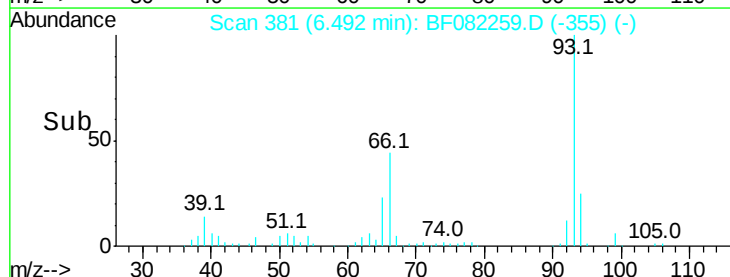
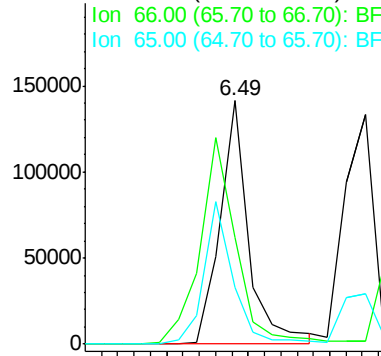
Lab File: BF082259.D

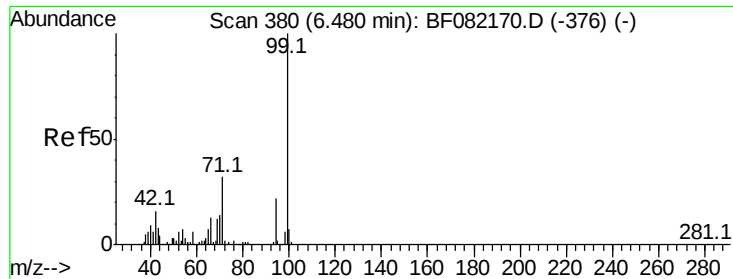
Acq: 13 Oct 2015 17:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
170896	93	100			
	66	43.9	34.2	51.2	
	65	23.2	17.9	26.9	



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 117.98 ng

RT: 6.47 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

Instrument :

BNA_F

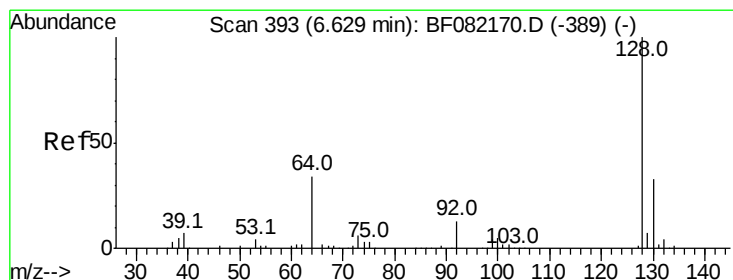
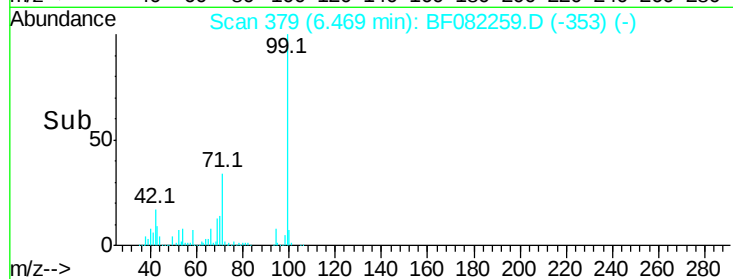
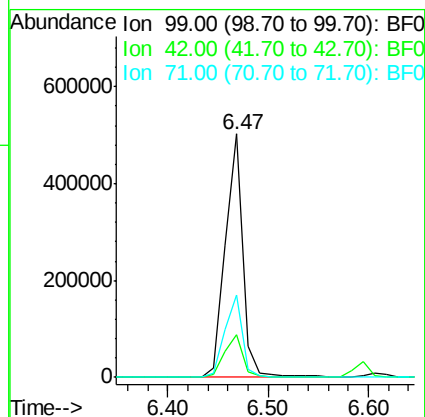
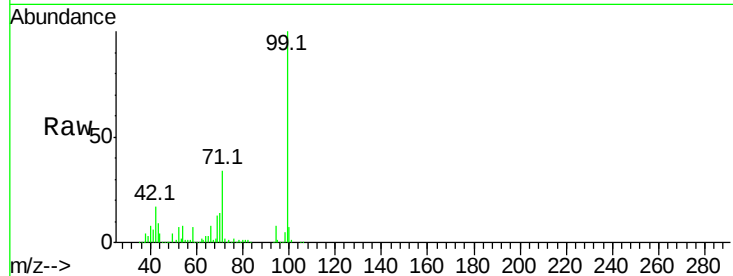
ClientSampleId :

PB86086BS

Manual Integrations
APPROVED

MMdadoda
10/14/2015 3:51:17 PM

Tot Ion	99	Resp	610727
Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.2	19.8
71	33.7	25.6	38.4



#8

2-Chlorophenol

Concen: 35.20 ng

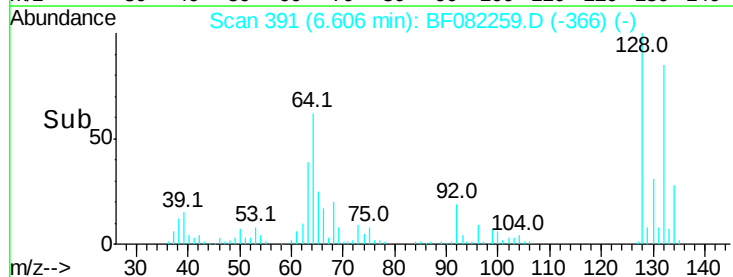
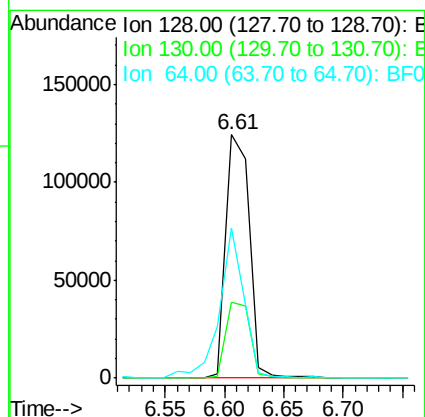
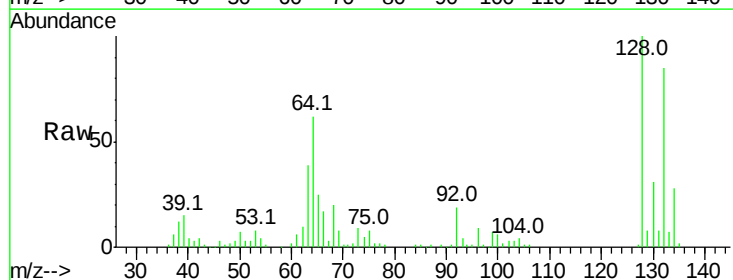
RT: 6.61 min Scan# 391

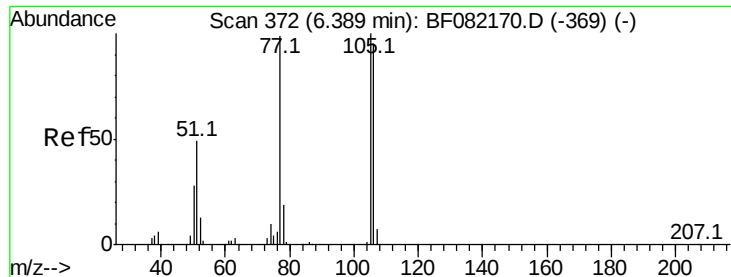
Delta R.T. -0.01 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

Tgt Ion	128	Resp	170923
Ion	Ratio	Lower	Upper
128	100		
130	31.2	12.6	52.6
64	61.6	16.7	56.7#





#9

Benzaldehyde

Concen: 32.58 ng

RT: 6.38 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

Instrument :

BNA_F

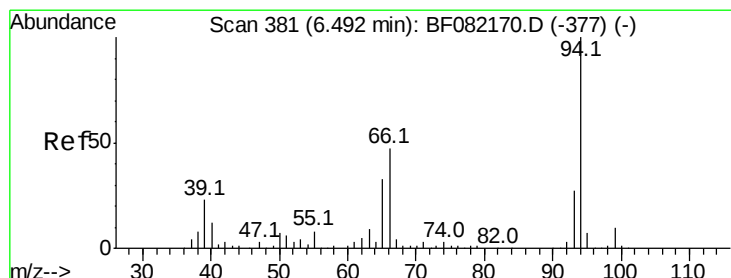
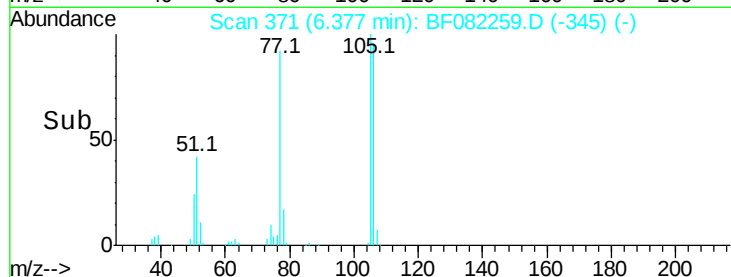
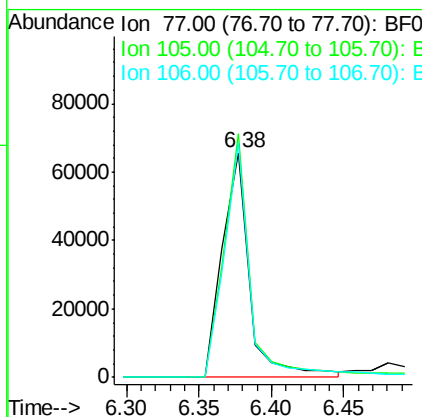
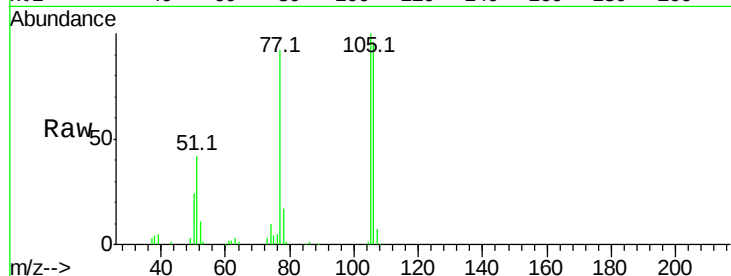
ClientSampleId :

PB86086BS

Manual Integrations
APPROVED

MMdadoda
10/14/2015 3:51:17 PM

Tot Ion:	77	Resp:	86121
Ion Ratio	Lower	Upper	
77	100		
105	108.4	80.6	120.6
106	104.2	75.5	115.5



#10

Phenol

Concen: 38.90 ng

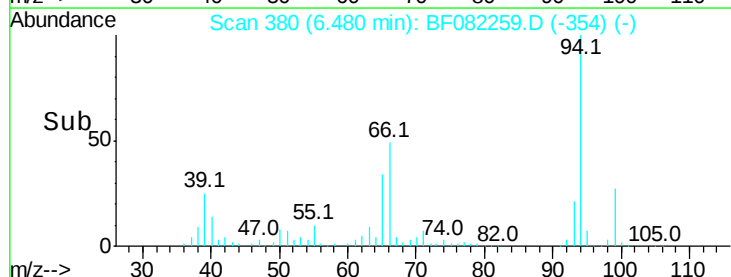
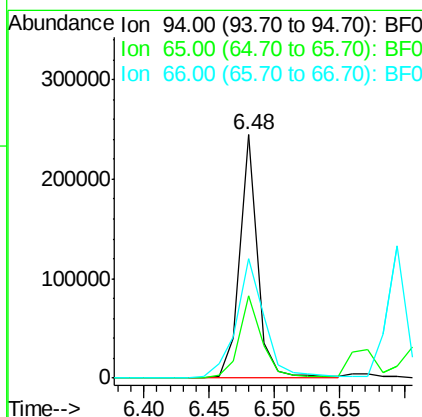
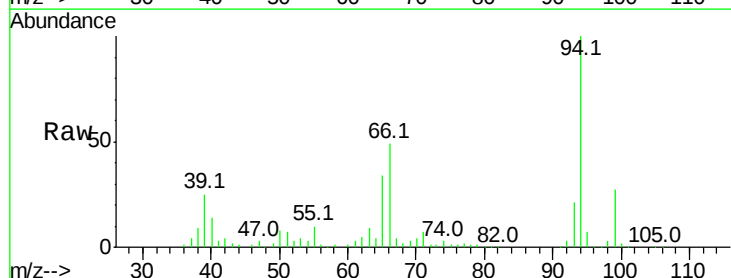
RT: 6.48 min Scan# 380

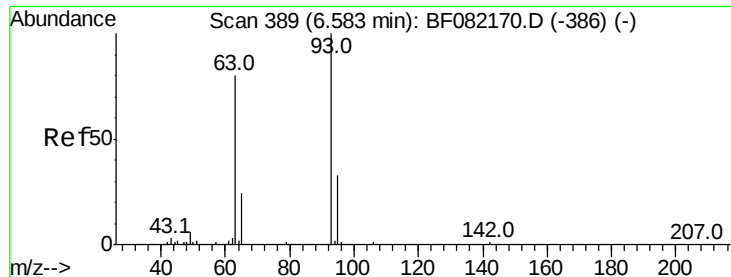
Delta R.T. 0.00 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

Tgt Ion:	94	Resp:	232184
Ion Ratio	Lower	Upper	
94	100		
65	33.7	12.6	52.6
66	48.9	27.3	67.3





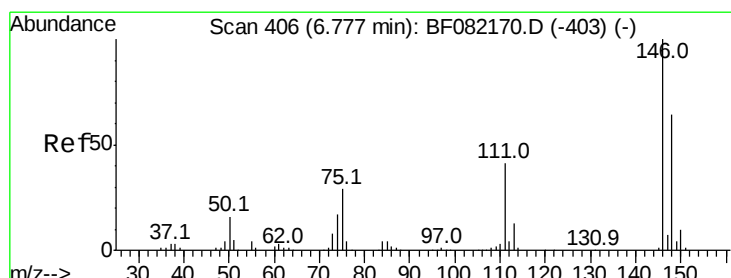
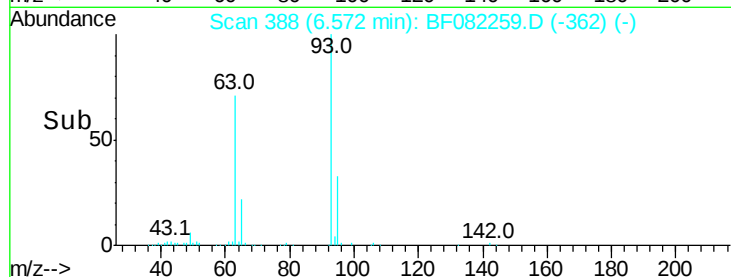
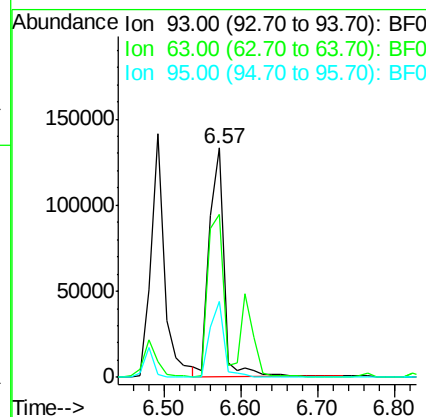
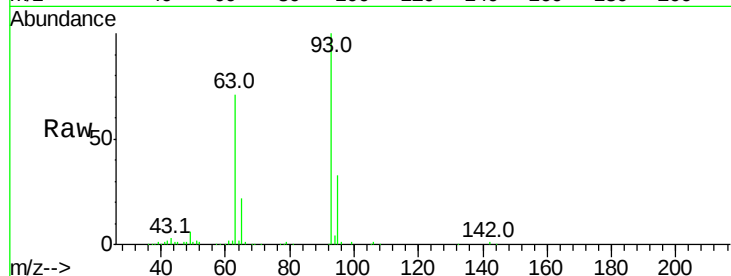
#11
bis(2-Chloroethyl)ether
Concen: 34.94 ng
RT: 6.57 min Scan# 388
Delta R.T. 0.00 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Instrument :
BNA_F
ClientSampleId :
PB86086BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	176326		
63	71.0		57.1	97.1
95	32.9		11.9	51.9

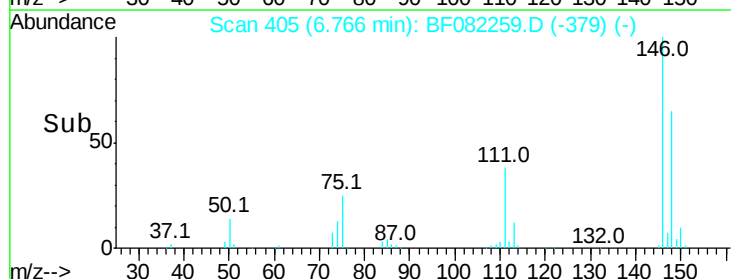
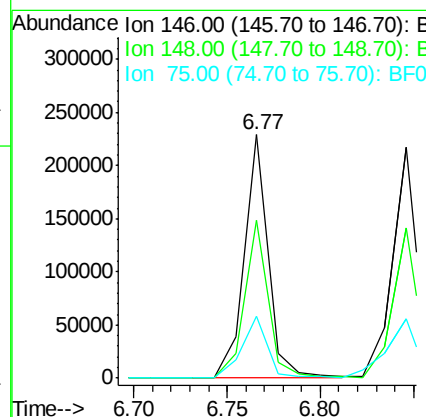
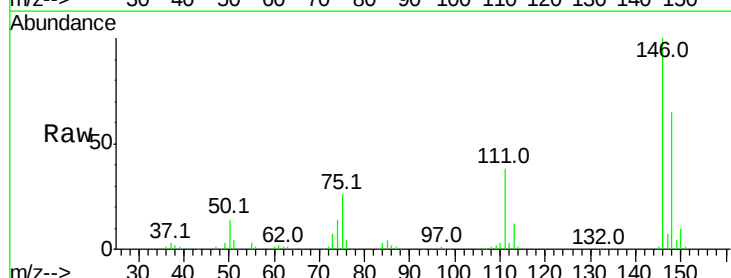
Manual Integrations
APPROVED

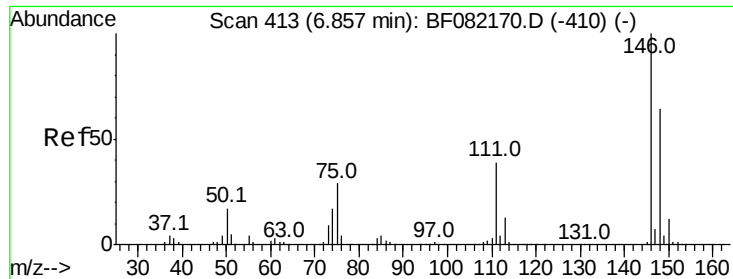
MMdadoda
10/14/2015 3:51:17 PM



#12
1,3-Dichlorobenzene
Concen: 36.43 ng
RT: 6.77 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	206042		
148	64.6		51.4	77.2
75	25.6		23.0	34.6





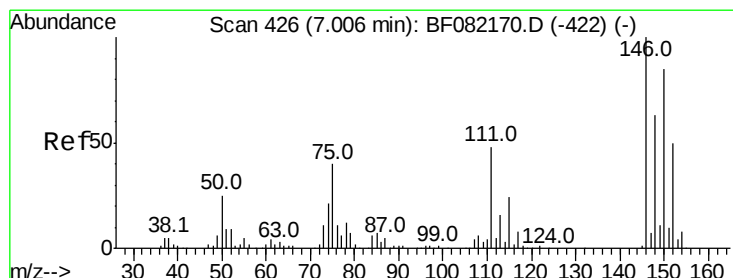
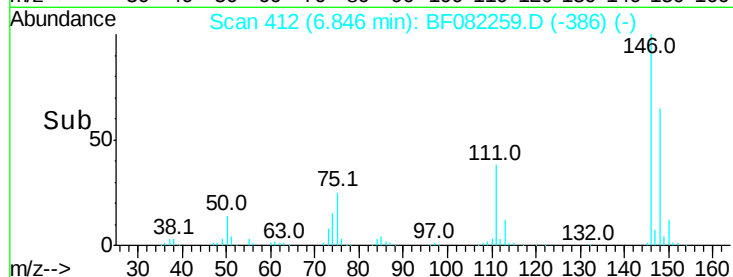
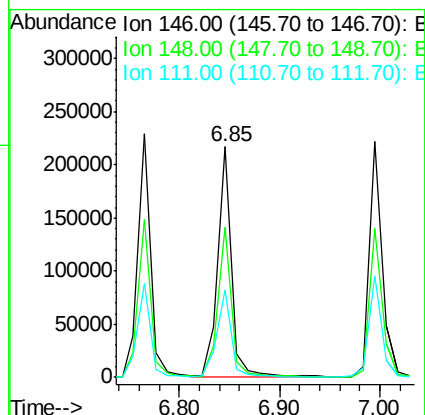
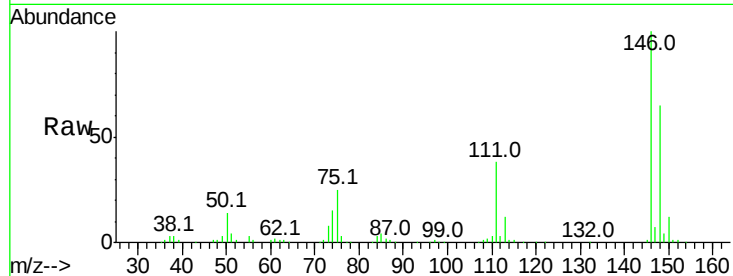
#13
 1,4-Dichlorobenzene
 Concen: 35.49 ng
 RT: 6.85 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86086BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	209596		
148	65.3		51.0	76.4
111	37.9		31.1	46.7

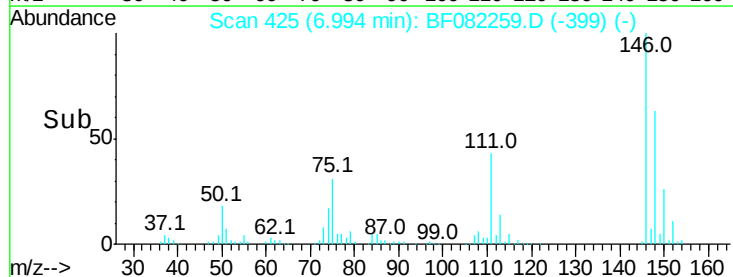
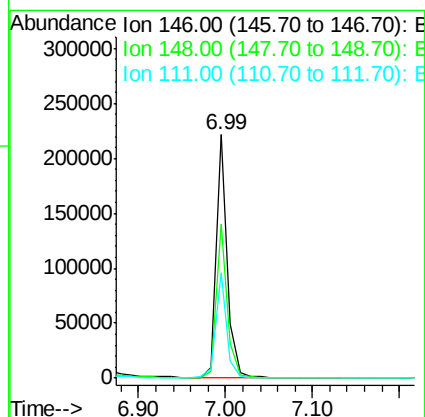
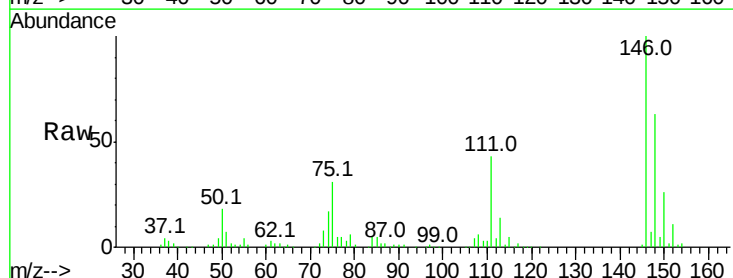
Manual Integrations
 APPROVED

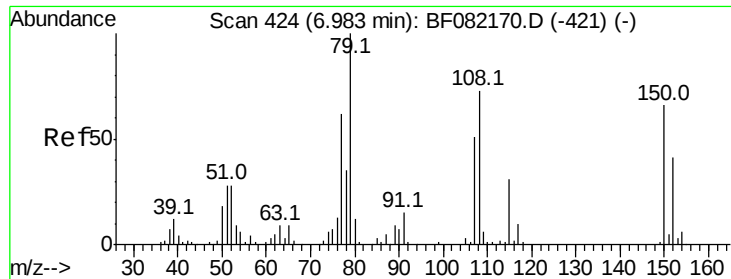
MMdadoda
 10/14/2015 3:51:17 PM



#14
 1,2-Dichlorobenzene
 Concen: 35.33 ng
 RT: 6.99 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	198124		
148	63.2		50.5	75.7
111	43.1		38.5	57.7





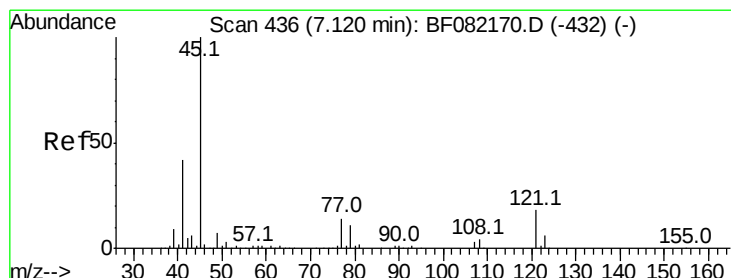
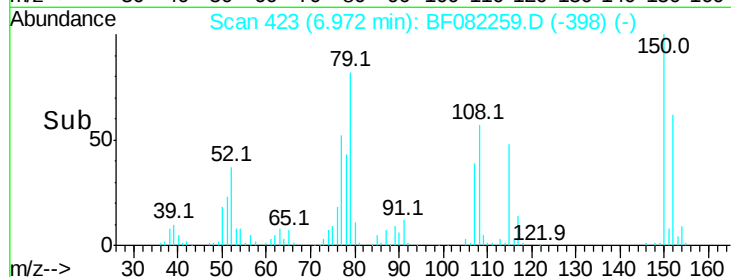
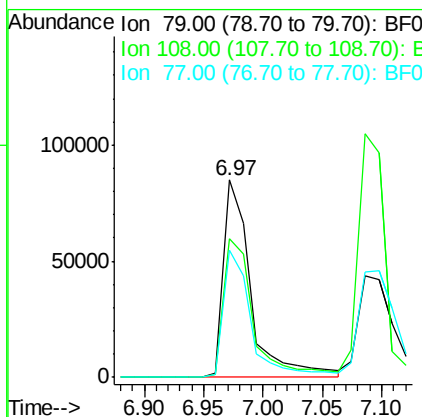
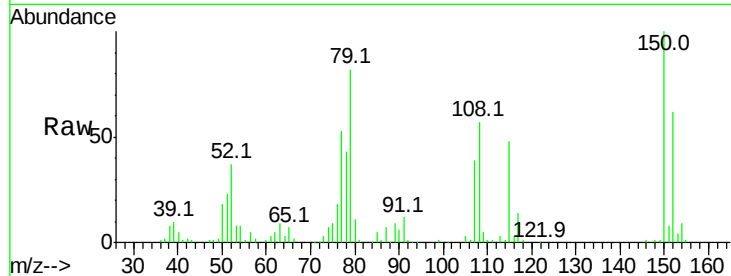
#15
Benzyl Alcohol
Concen: 38.05 ng
RT: 6.97 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Instrument :
BNA_F
ClientSampleId :
PB86086BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	70.2	58.4	87.6
77	64.7	49.8	74.6

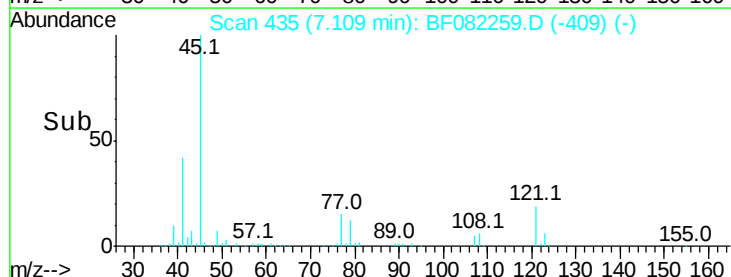
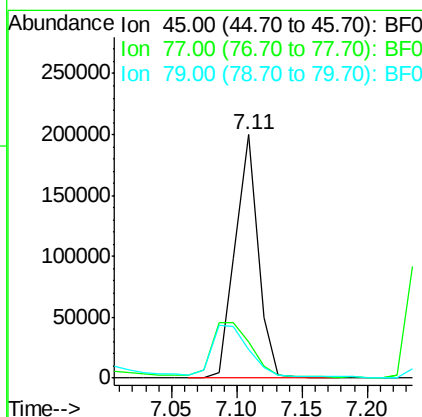
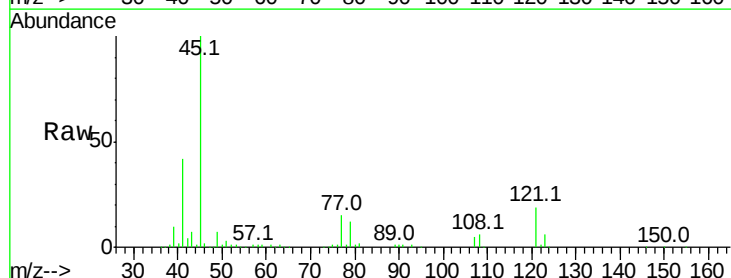
Manual Integrations
APPROVED

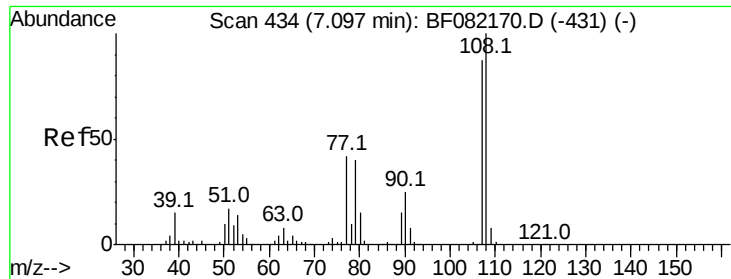
MMdadoda
10/14/2015 3:51:17 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.75 ng
RT: 7.11 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.0	0.0	34.5
79	11.8	0.0	31.6





#17

2-Methylphenol

Concen: 36.40 ng

RT: 7.09 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF082259.D

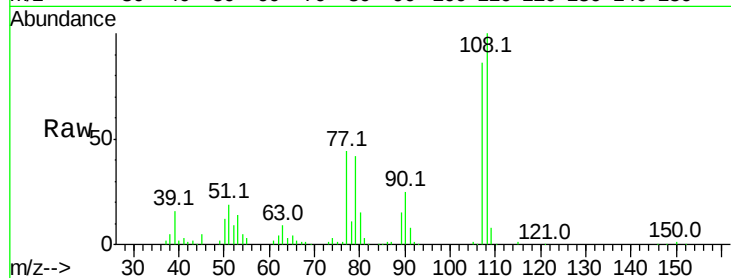
Acq: 13 Oct 2015 17:36

Instrument :

BNA_F

ClientSampleId :

PB86086BS



Tot Ion:107 Resp: 139758

Ion Ratio Lower Upper

107 100

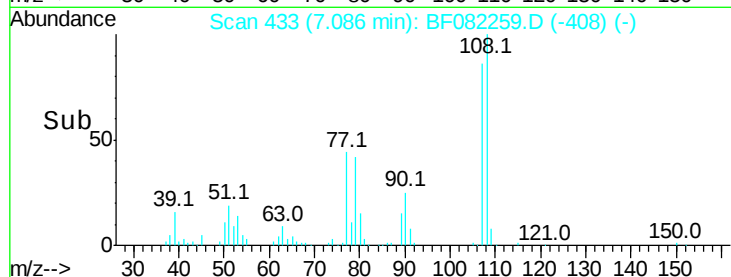
108 115.6 92.2 138.2

77 50.3 39.6 59.4

79 48.3 38.2 57.4

Manual Integrations
APPROVED

MMdadoda
10/14/2015 3:51:17 PM

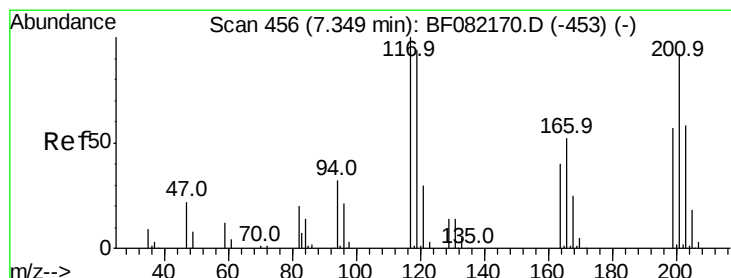
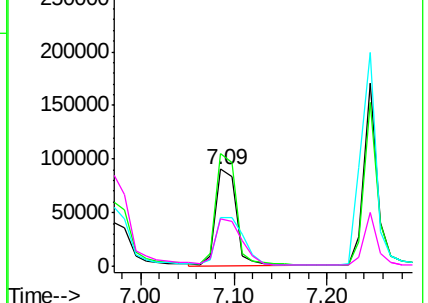


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 35.83 ng

RT: 7.34 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

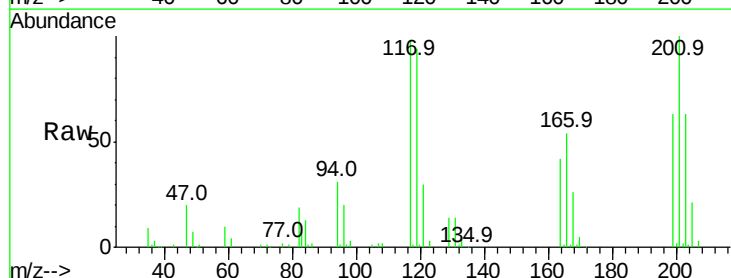
Tgt Ion:117 Resp: 72427

Ion Ratio Lower Upper

117 100

119 96.4 75.4 113.2

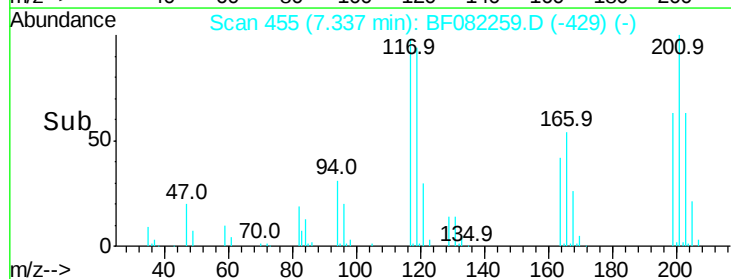
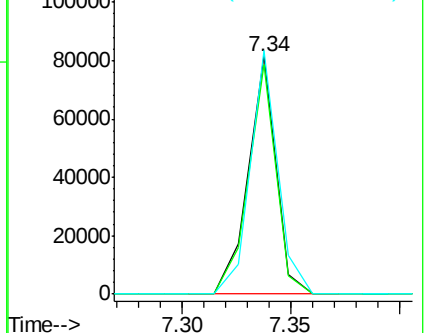
201 102.3 73.4 110.0

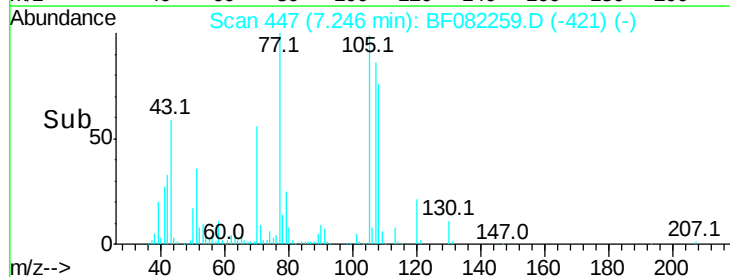
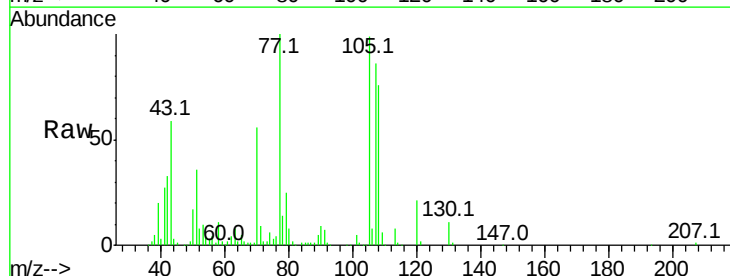
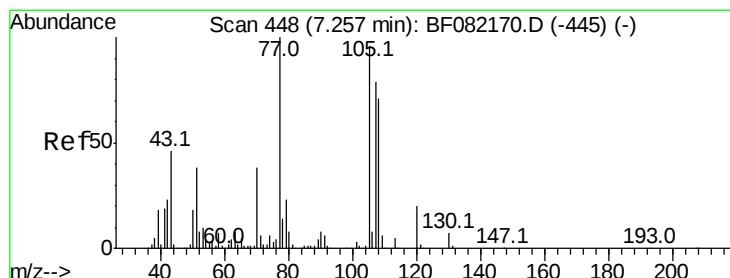
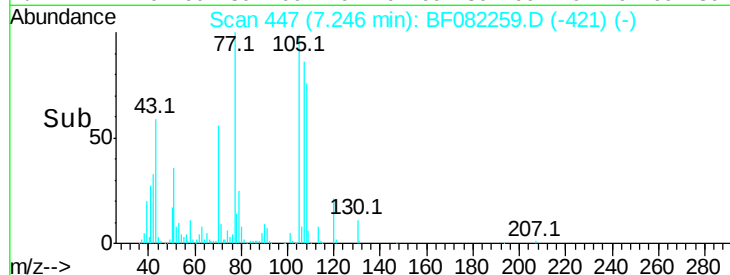
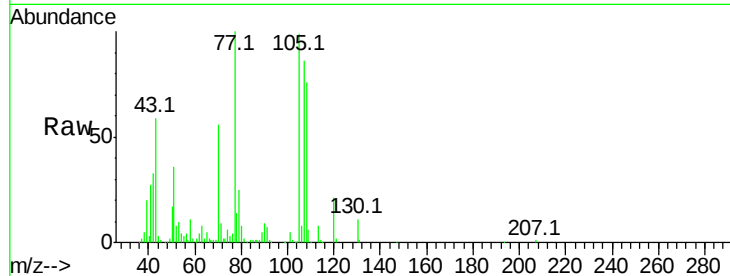
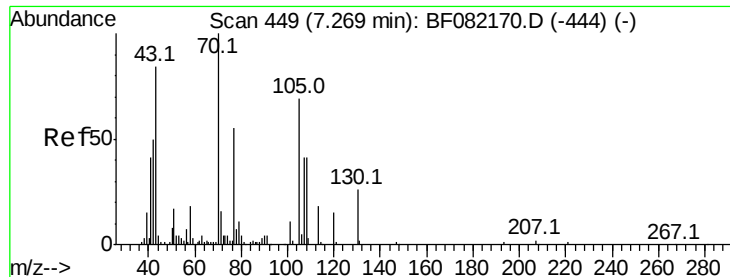


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





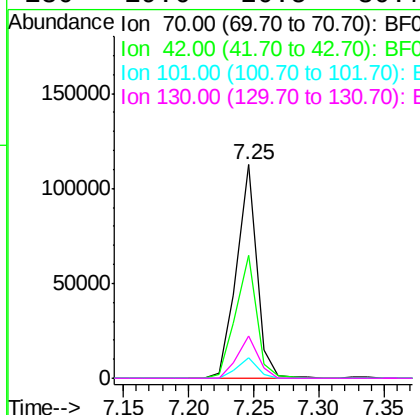
#19
n-Nitroso-di-n-propylamine
Concen: 33.40 ng
RT: 7.25 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Instrument :
BNA_F
ClientSampleId :
PB86086BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.8	39.8	59.8
101	9.3	8.6	13.0
130	19.6	20.5	30.7#

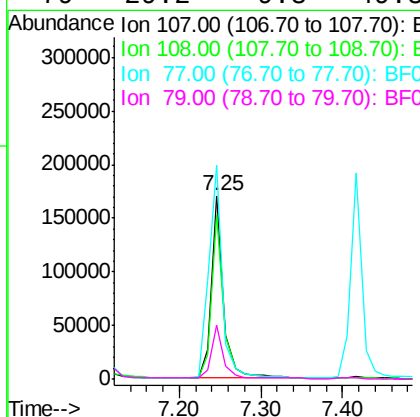
Manual Integrations
APPROVED

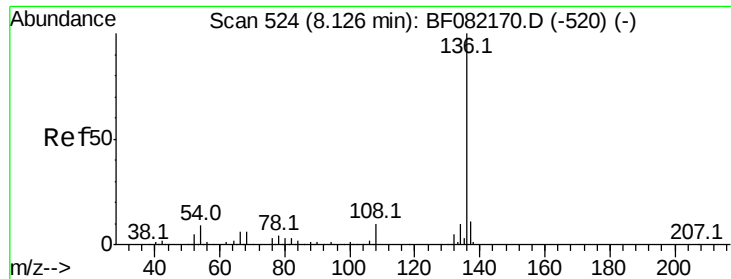
MMdadoda
10/14/2015 3:51:17 PM



#20
3+4-Methylphenols
Concen: 38.87 ng
RT: 7.25 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.9	69.9	109.9
77	116.3	106.0	146.0
79	29.2	9.8	49.8





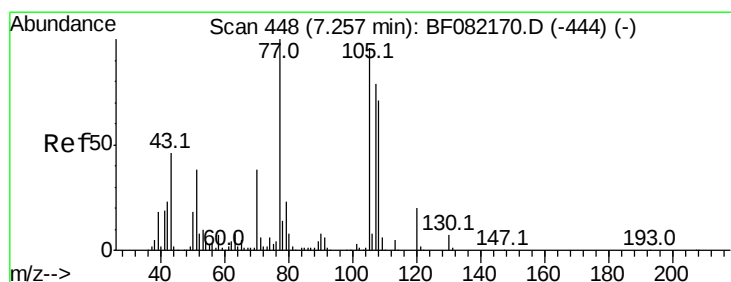
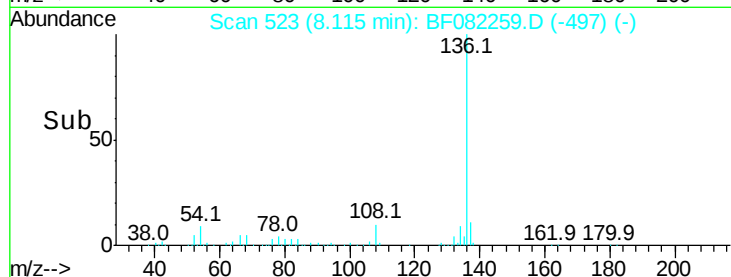
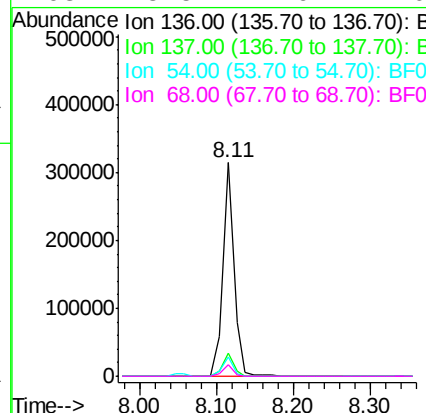
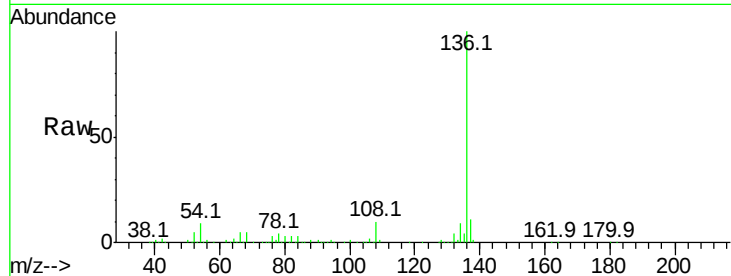
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Instrument :
BNA_F
ClientSampleId :
PB86086BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	319672		
137	11.0		9.0	13.6
54	8.7		7.5	11.3
68	5.5		4.6	7.0

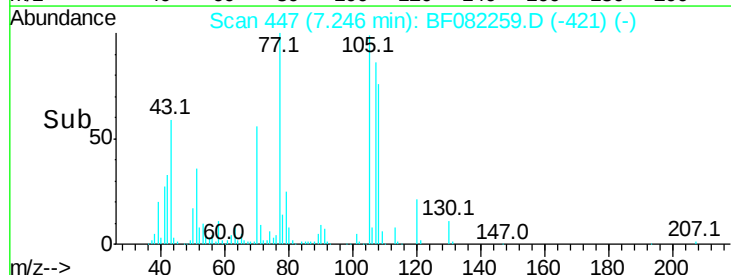
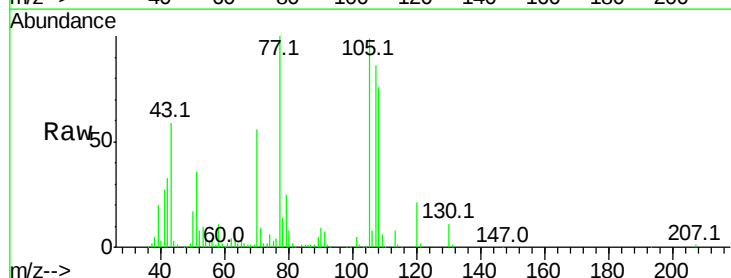
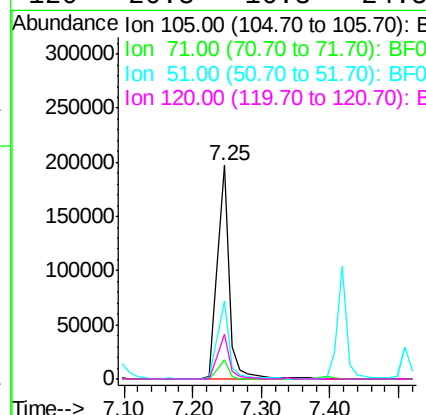
Manual Integrations
APPROVED

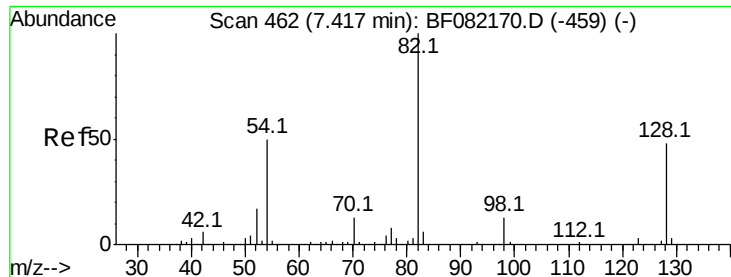
MMdadoda
10/14/2015 3:51:17 PM



#22
Acetophenone
Concen: 38.94 ng
RT: 7.25 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	246215		
71	9.3		5.4	8.0#
51	36.3		31.8	47.6
120	20.8		16.3	24.5





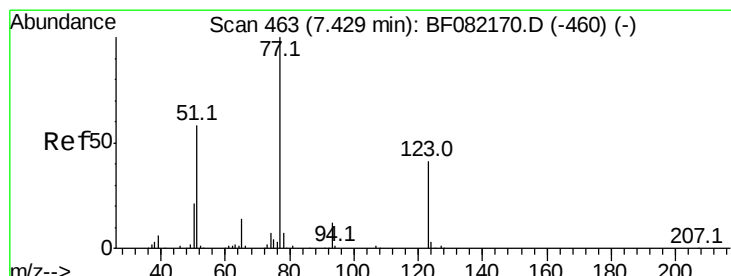
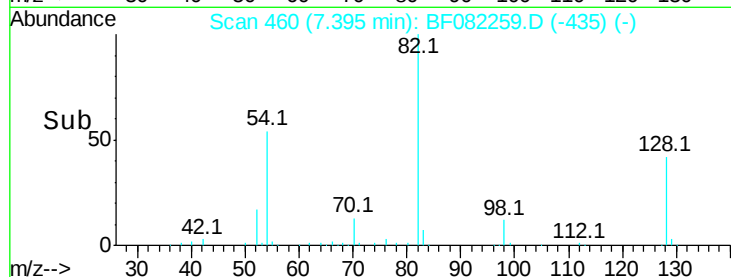
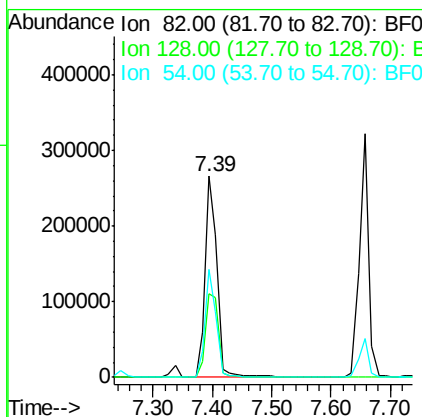
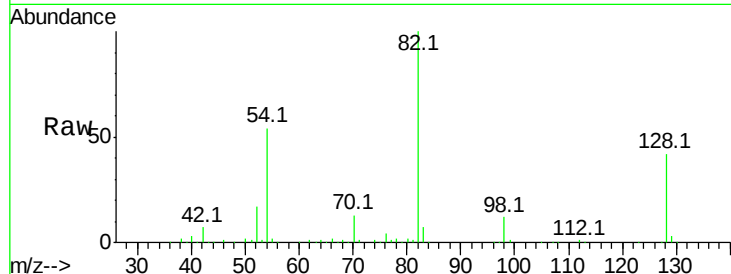
#23
 Nitrobenzene-d5
 Concen: 79.34 ng
 RT: 7.39 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86086BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.6	38.7	58.1
54	53.8	40.1	60.1

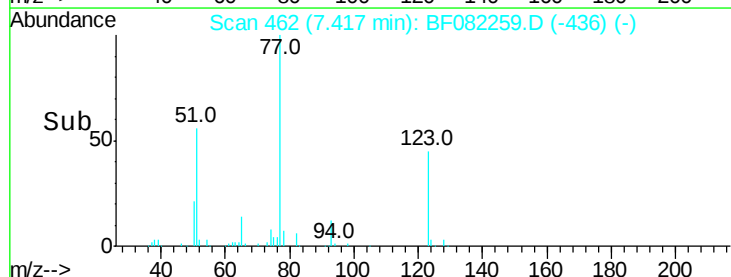
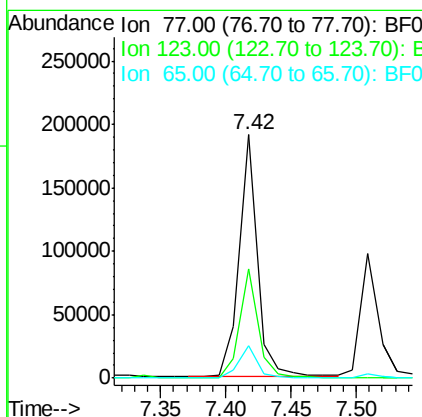
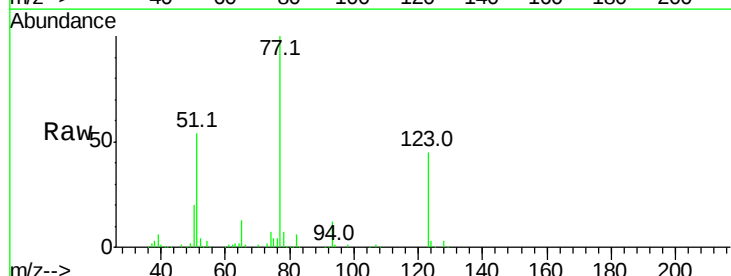
Manual Integrations
 APPROVED

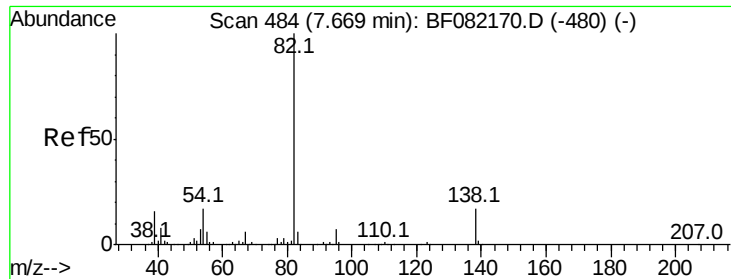
MMdadoda
 10/14/2015 3:51:17 PM



#24
 Nitrobenzene
 Concen: 36.06 ng
 RT: 7.42 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.0	33.0	49.4
65	13.3	11.2	16.8





#25

Isophorone

Concen: 36.25 ng

RT: 7.66 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

Instrument :

BNA_F

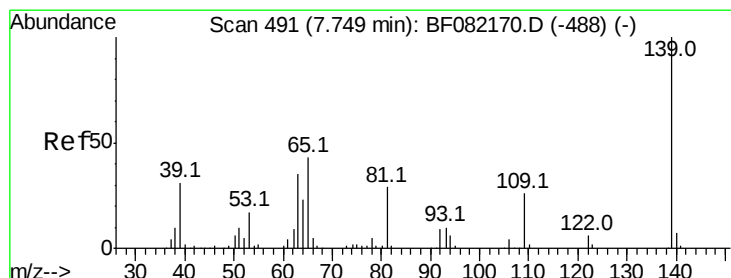
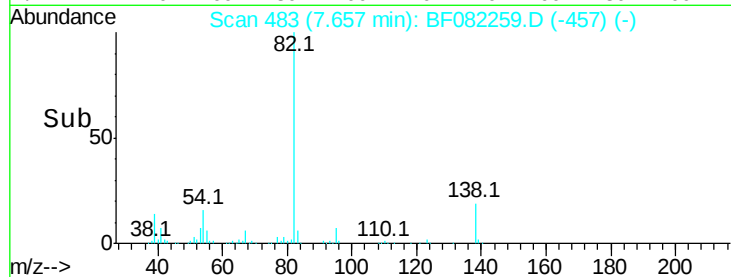
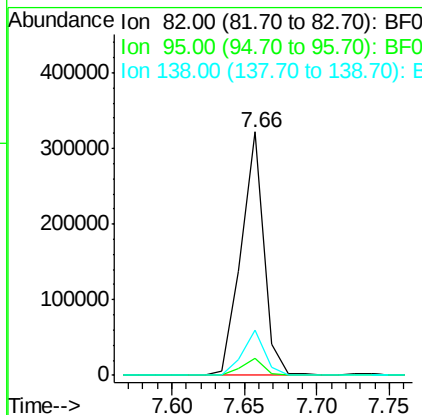
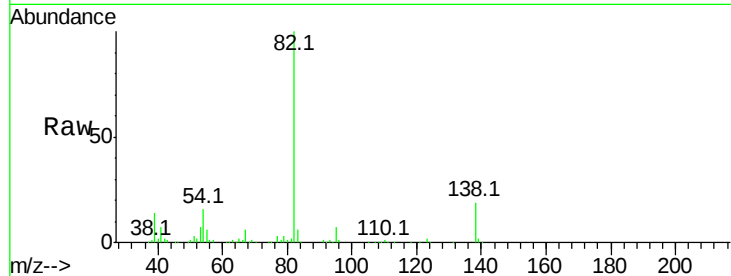
ClientSampleId :

PB86086BS

Tot Ion:	82	Resp:	348310
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.6	8.4
138	18.7	13.6	20.4

Manual Integrations
APPROVED

MMdadoda
10/14/2015 3:51:17 PM



#26

2-Nitrophenol

Concen: 39.39 ng

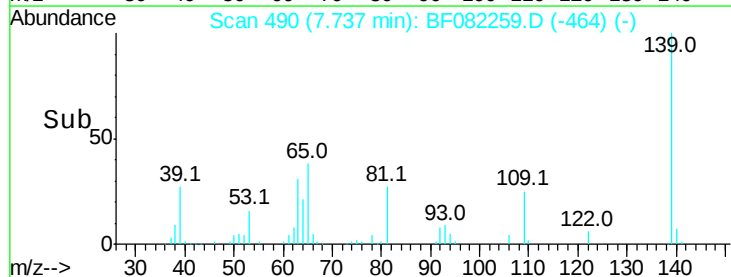
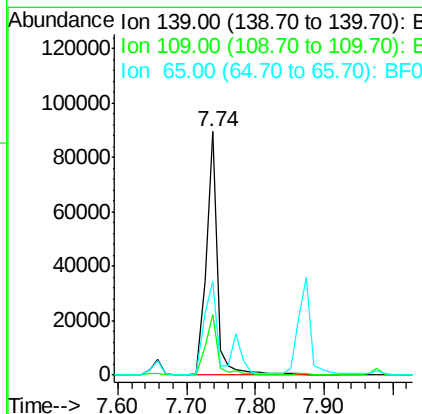
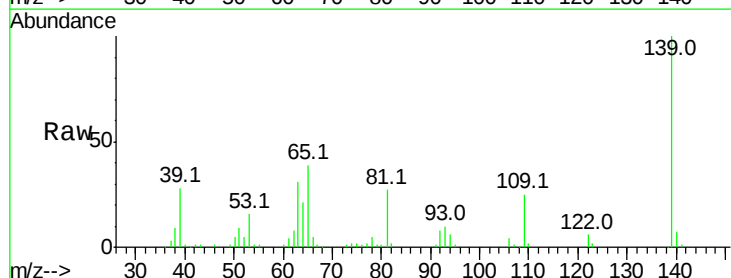
RT: 7.74 min Scan# 490

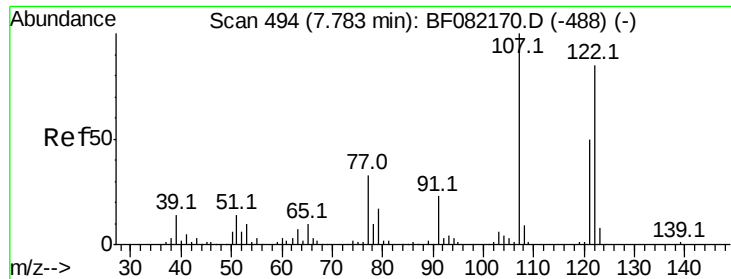
Delta R.T. 0.00 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

Tgt Ion:	139	Resp:	101338
Ion Ratio	Lower	Upper	
139	100		
109	24.7	20.6	31.0
65	38.7	34.3	51.5





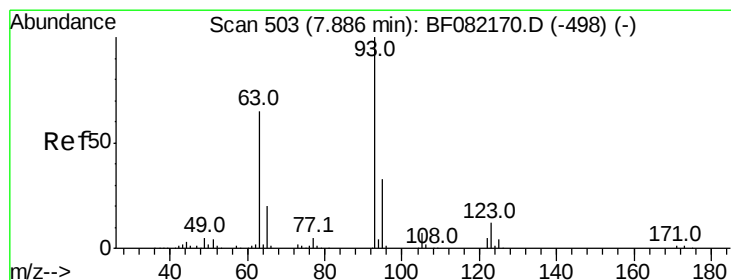
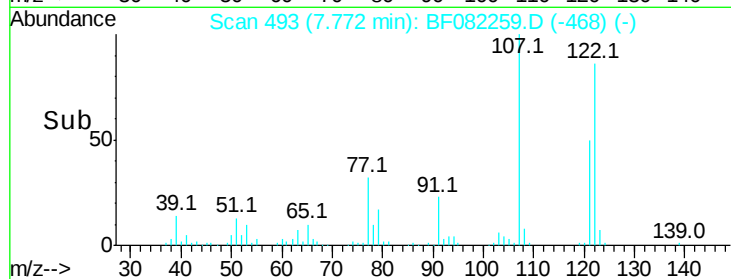
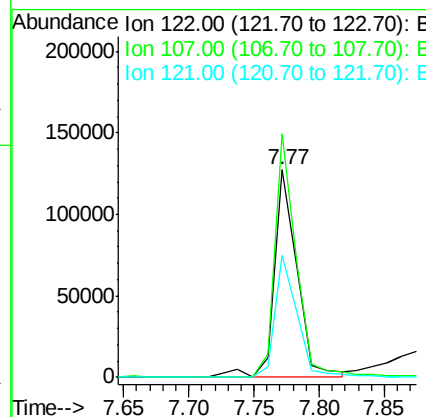
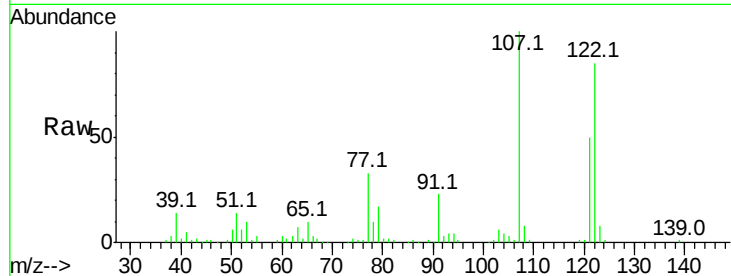
#27
 2,4-Dimethylphenol
 Concen: 37.58 ng
 RT: 7.77 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86086BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	155771		
107	117.4	94.0	141.0	
121	58.8	46.8	70.2	

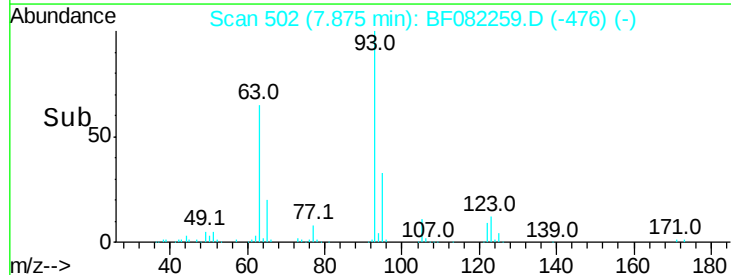
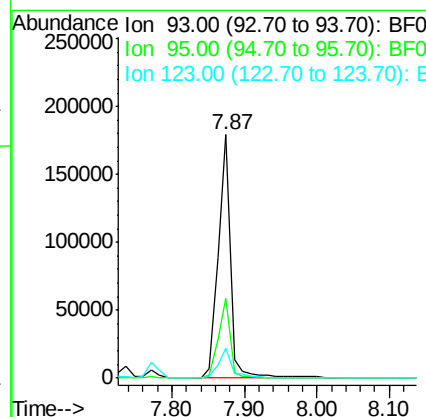
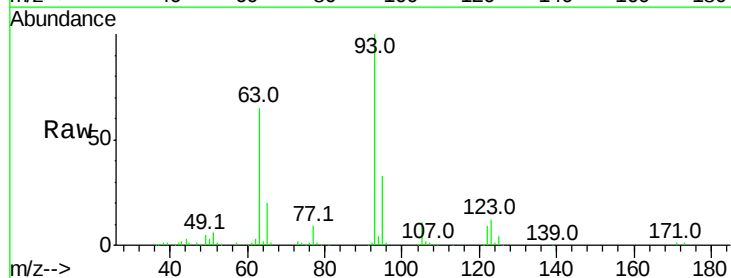
Manual Integrations
 APPROVED

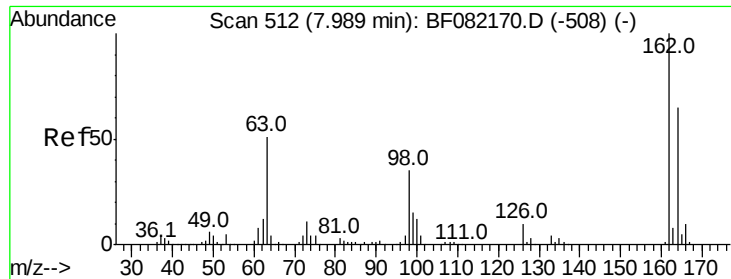
MMdadoda
 10/14/2015 3:51:17 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.85 ng
 RT: 7.87 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	211599		
95	32.8	26.6	39.8	
123	12.2	9.5	14.3	





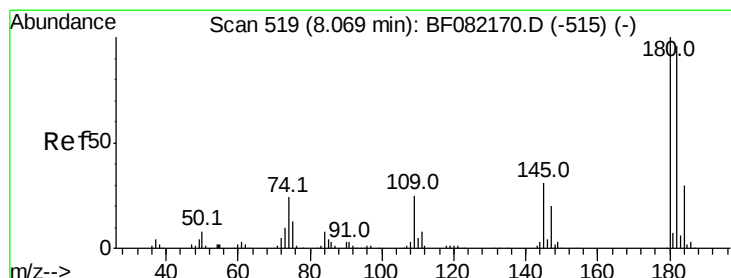
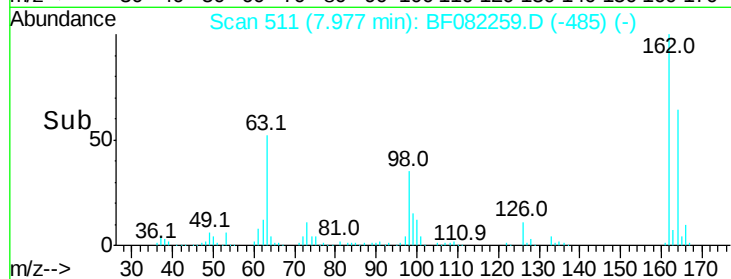
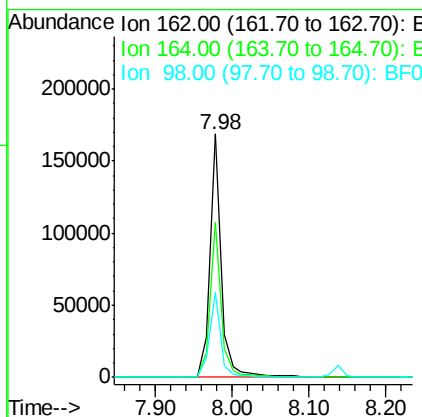
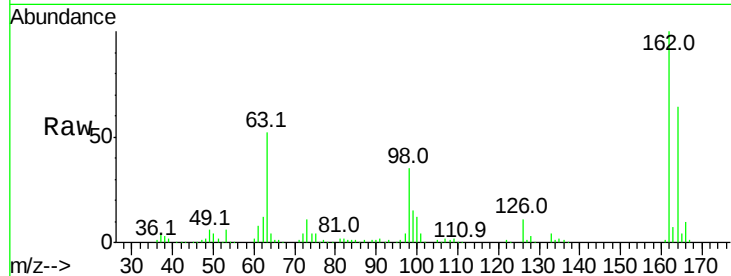
#29
 2,4-Dichlorophenol
 Concen: 40.87 ng
 RT: 7.98 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86086BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.7	44.6	84.6
98	34.6	15.0	55.0

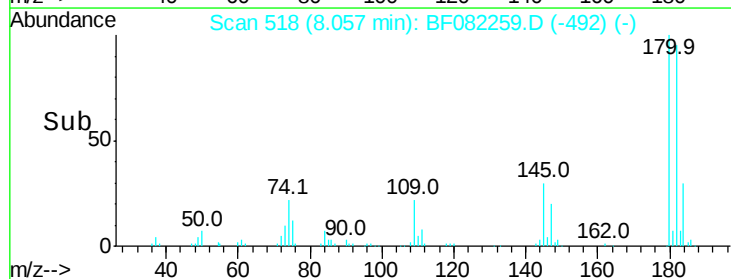
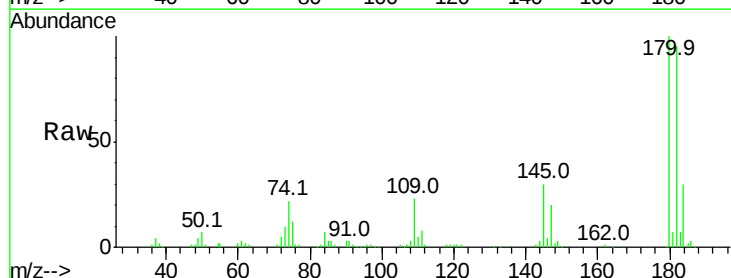
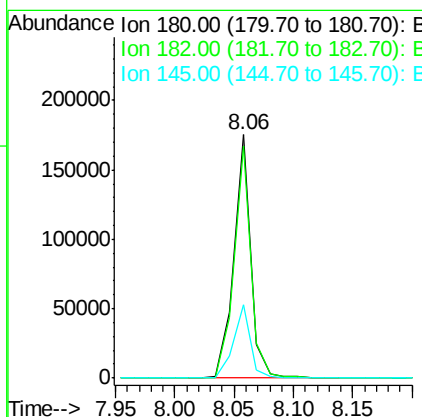
Manual Integrations
 APPROVED

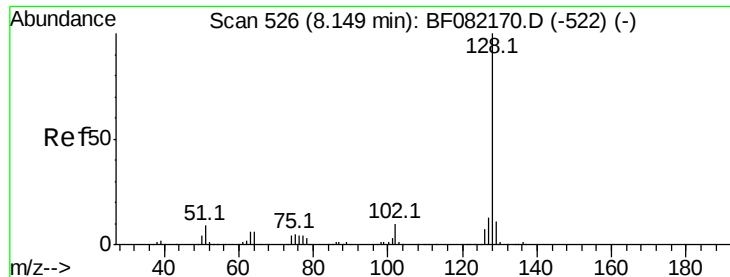
MMdadoda
 10/14/2015 3:51:17 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 36.46 ng
 RT: 8.06 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.4	77.0	115.4
145	30.2	25.0	37.4





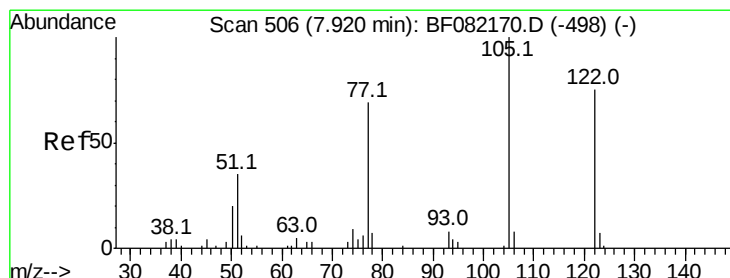
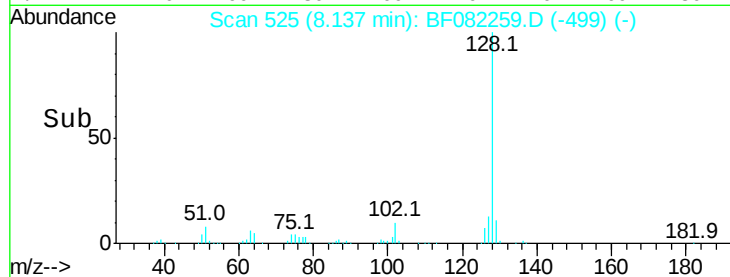
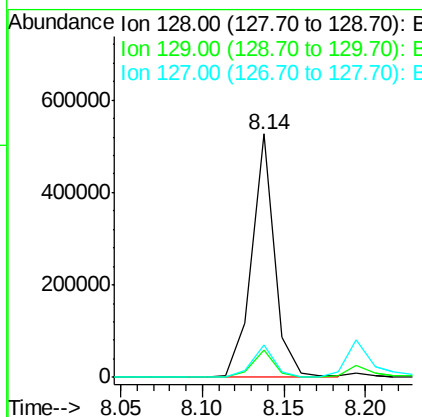
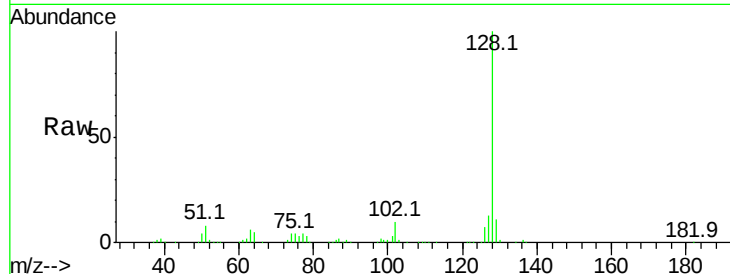
#31
Naphthalene
Concen: 37.08 ng
RT: 8.14 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Instrument :
BNA_F
ClientSampleId :
PB86086BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	513773		
129	11.0		9.1	13.7
127	13.5		10.7	16.1

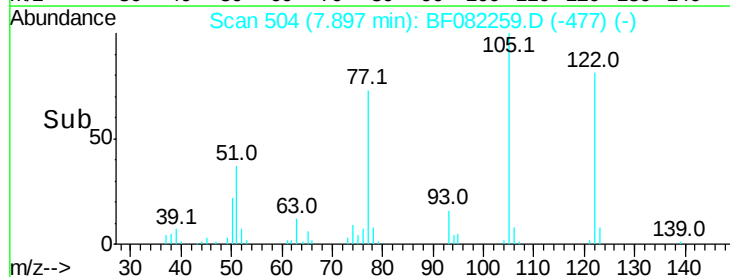
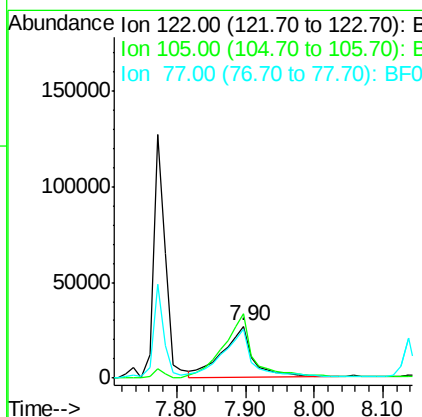
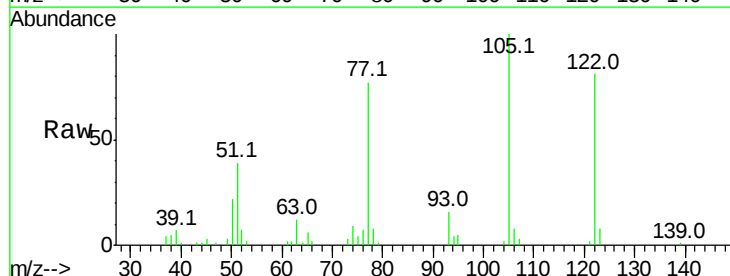
Manual Integrations
APPROVED

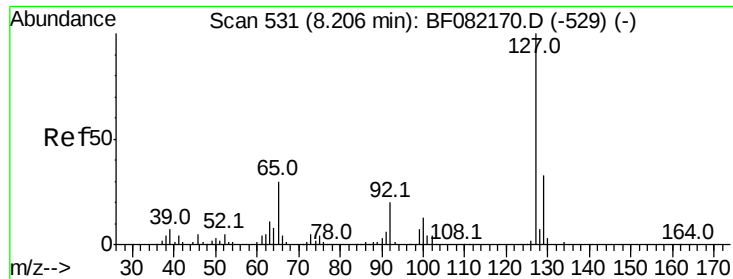
MMdadoda
10/14/2015 3:51:17 PM



#32
Benzoic acid
Concen: 29.38 ng
RT: 7.90 min Scan# 504
Delta R.T. 0.01 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	81723		
105	123.5		104.4	144.4
77	94.7		69.0	109.0





#33

4-Chloroaniline

Concen: 18.07 ng

RT: 8.19 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

Instrument :

BNA_F

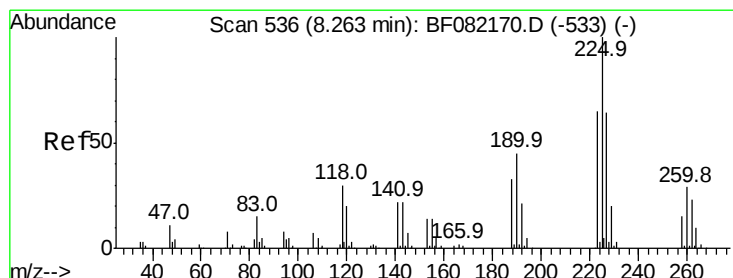
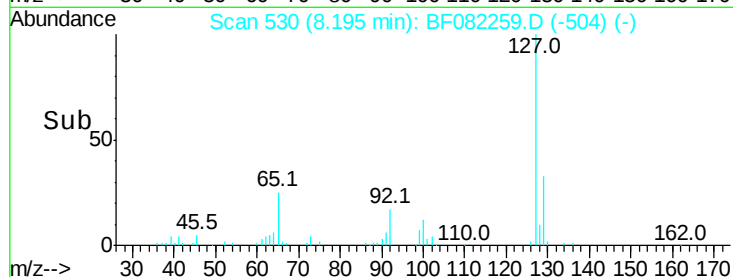
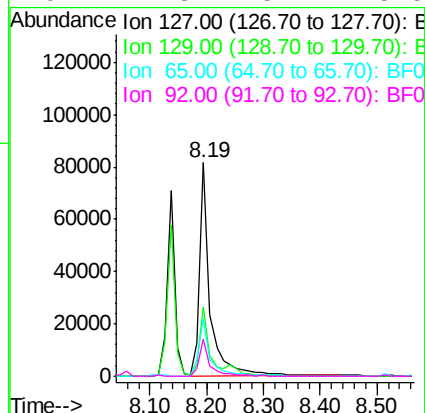
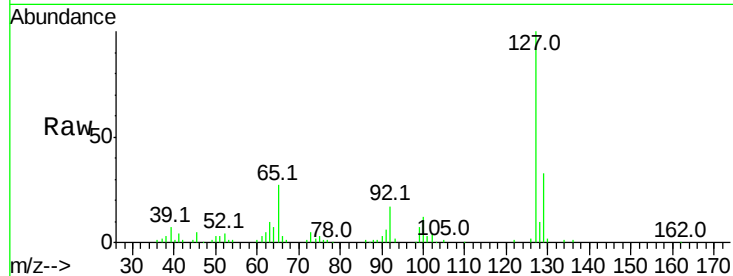
ClientSampleId :

PB86086BS

Manual Integrations
APPROVED

MMdadoda
10/14/2015 3:51:17 PM

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.3	39.5
65	27.3	24.4	36.6
92	17.3	15.7	23.5



#34

Hexachlorobutadiene

Concen: 35.59 ng

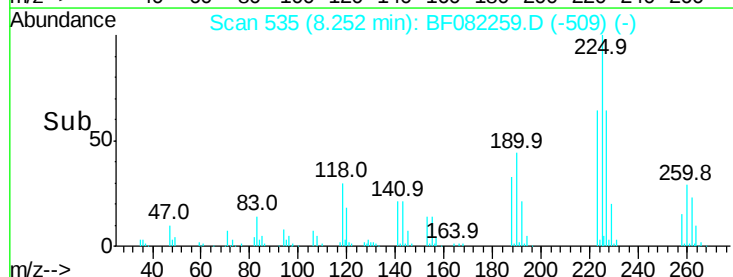
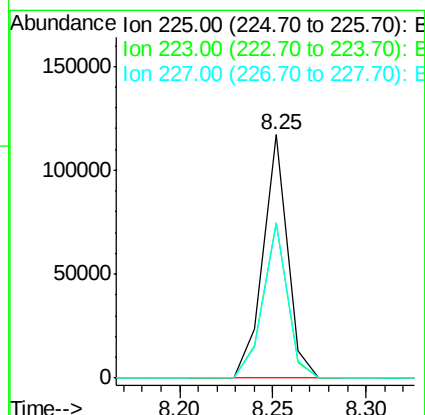
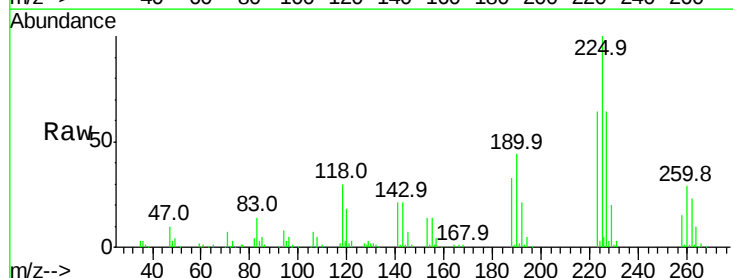
RT: 8.25 min Scan# 535

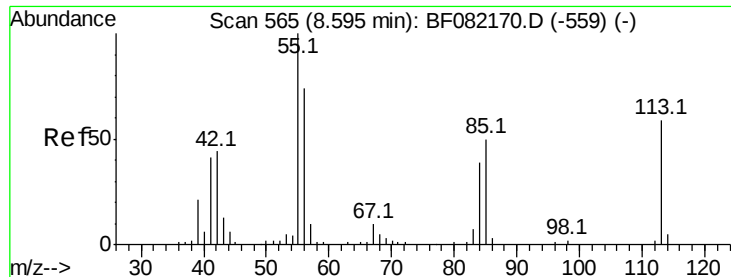
Delta R.T. 0.00 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	52.2	78.2
227	64.0	51.3	76.9





#35

Caprolactam

Concen: 38.39 ng

RT: 8.56 min Scan# 562

Delta R.T. -0.02 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

Instrument :

BNA_F

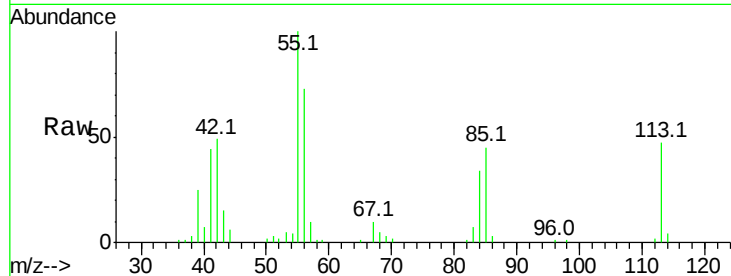
ClientSampleId :

PB86086BS

Tot Ion:	113	Resp:	46166
Ion Ratio	Lower	Upper	
113	100		
55	211.1	149.7	189.7#
56	154.8	105.4	145.4#

Manual Integrations
APPROVED

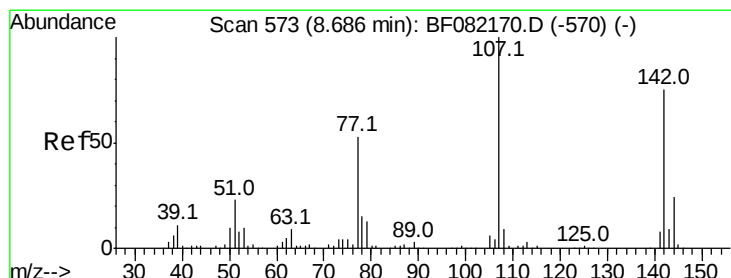
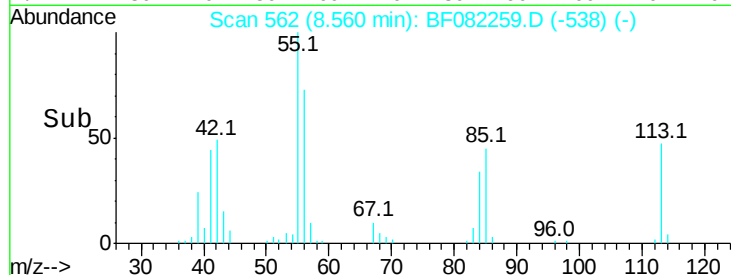
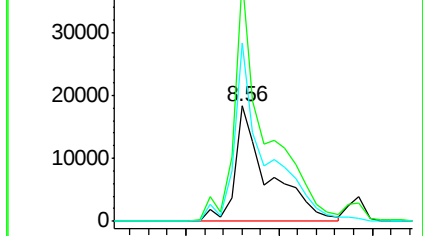
MMdadoda
10/14/2015 3:51:17 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.08 ng

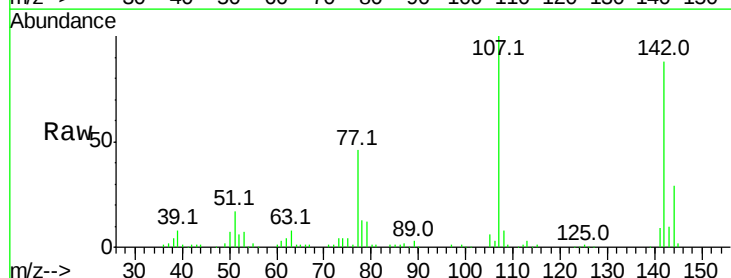
RT: 8.69 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

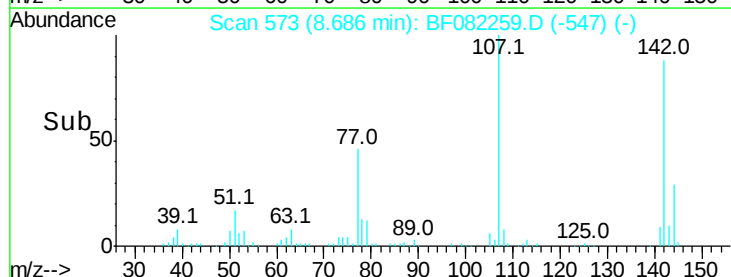
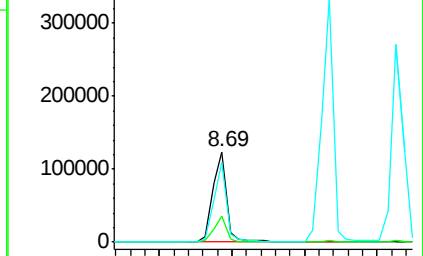
Tgt Ion:	107	Resp:	166474
Ion Ratio	Lower	Upper	
107	100		
144	28.6	19.3	28.9
142	87.6	59.9	89.9

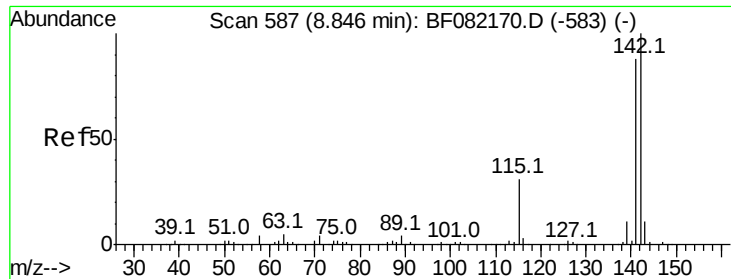


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





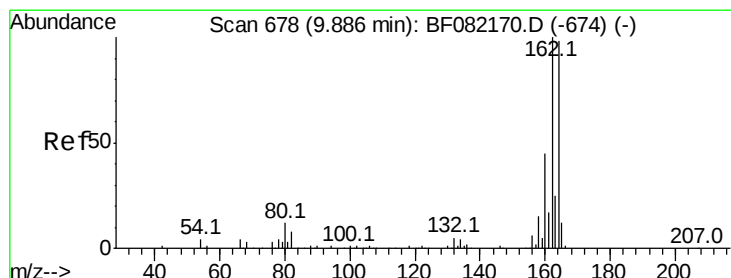
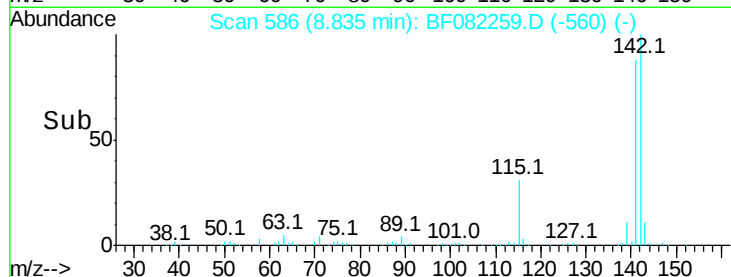
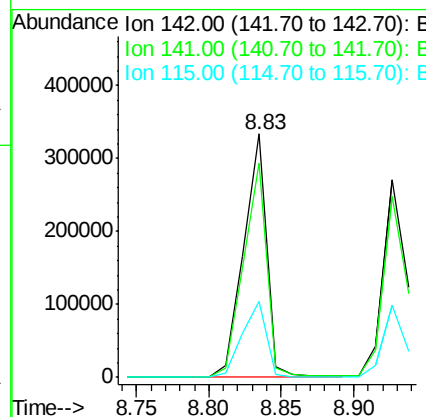
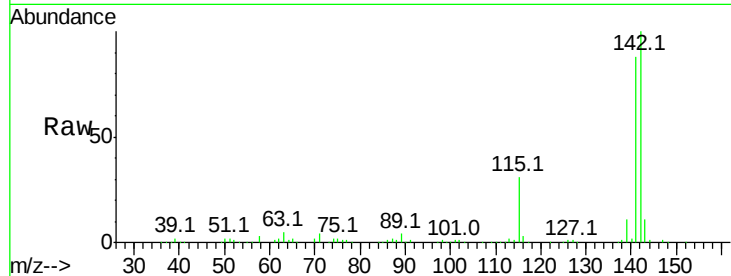
#37
2-Methylnaphthalene
Concen: 38.52 ng
RT: 8.83 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Instrument :
BNA_F
ClientSampleId :
PB86086BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.4	105.6
115	31.0	24.6	37.0

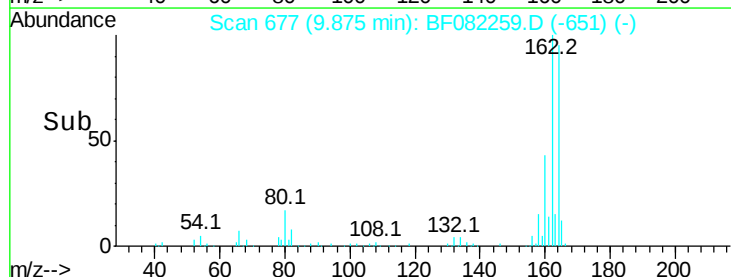
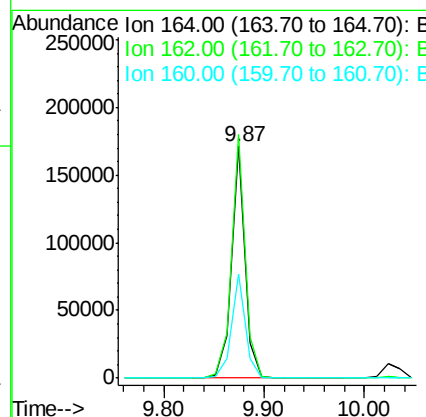
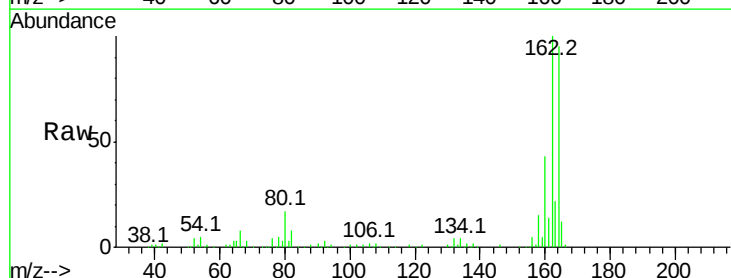
Manual Integrations
APPROVED

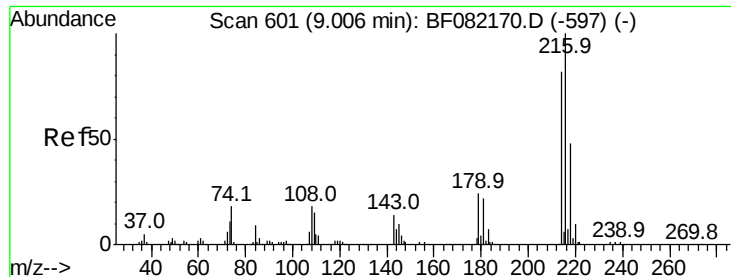
MMdadoda
10/14/2015 3:51:17 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	81.6	122.4
160	44.9	36.4	54.6





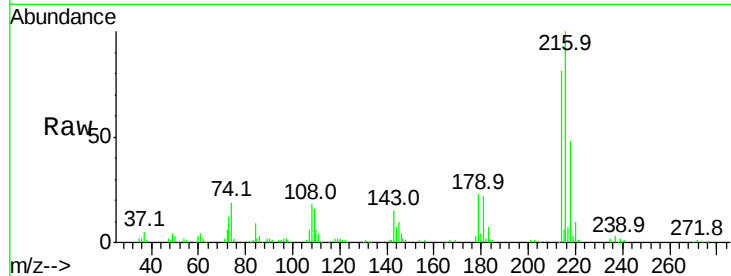
#39
1,2,4,5-Tetrachlorobenzene
Concen: 35.35 ng
RT: 8.99 min Scan# 600
Delta R.T. 0.00 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Instrument :
BNA_F
ClientSampleId :
PB86086BS

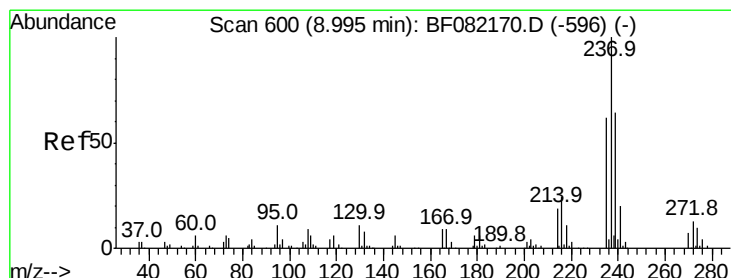
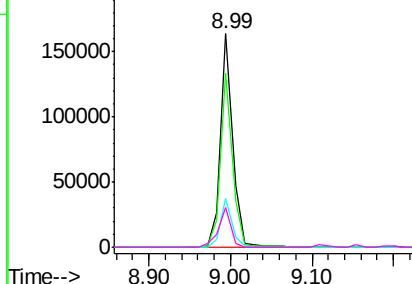
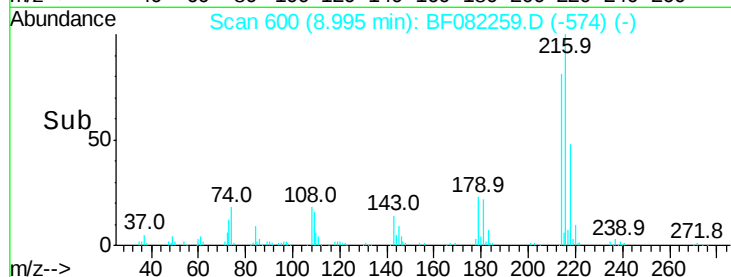
Tot Ion	Ratio	Resp	Lower	Upper
216	100	169140		
214	80.0	64.6	97.0	
179	21.2	17.6	26.4	
108	19.2	14.5	21.7	

Manual Integrations
APPROVED

MMdadoda
10/14/2015 3:51:17 PM

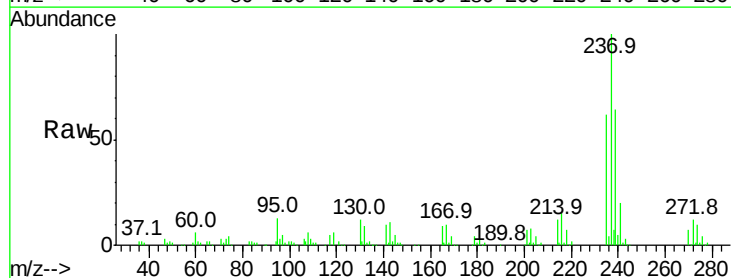


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

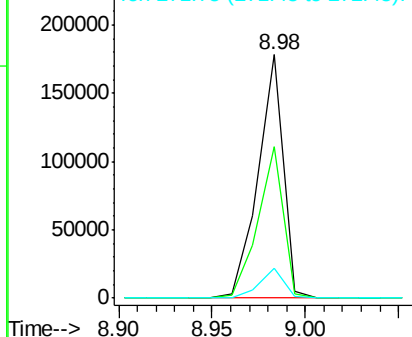
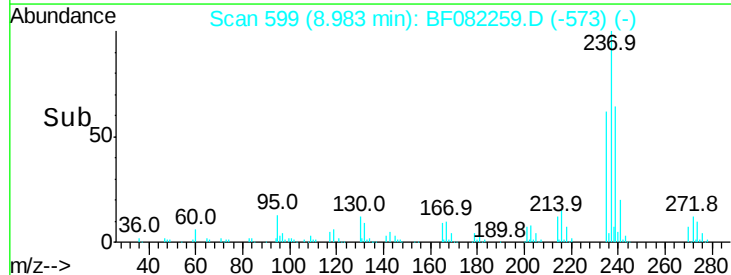


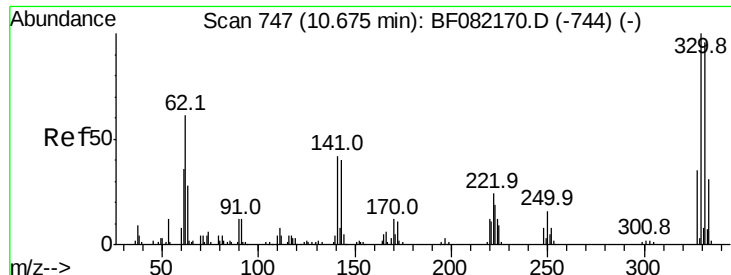
#40
Hexachlorocyclopentadiene
Concen: 71.00 ng
RT: 8.98 min Scan# 599
Delta R.T. 0.00 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	169380		
235	62.1	41.7	81.7	
272	12.3	0.0	32.8	



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





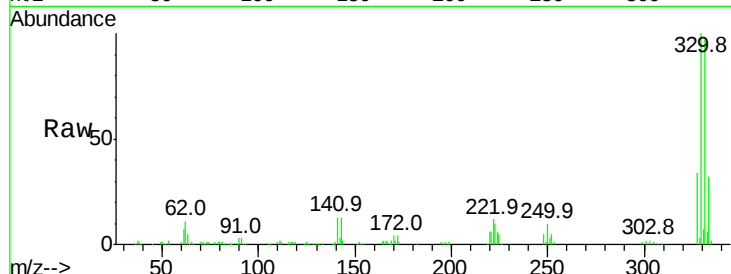
#41
 2,4,6-Tribromophenol
 Concen: 119.20 ng
 RT: 10.67 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86086BS

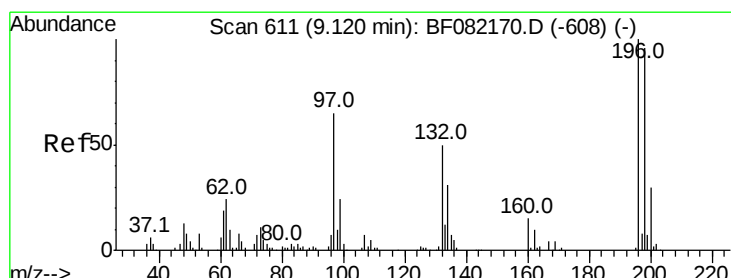
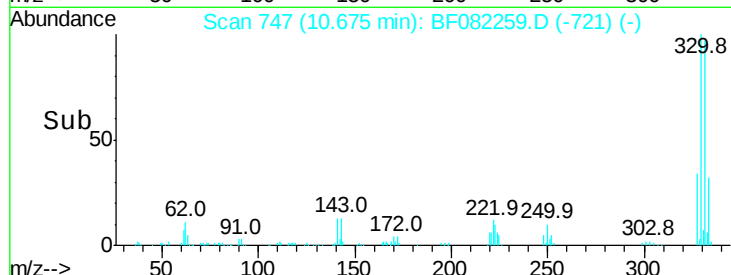
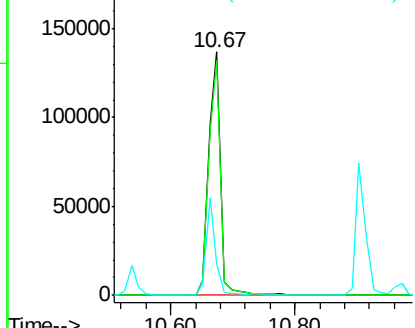
Tot Ion	Ratio	Resp	Lower	Upper
330	100	179827		
332	96.5		77.1	115.7
141	32.1		29.8	44.8

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:51:17 PM

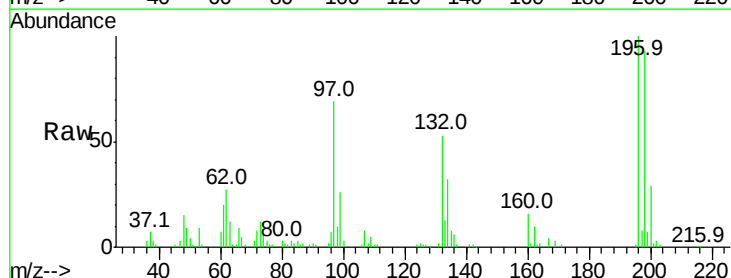


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

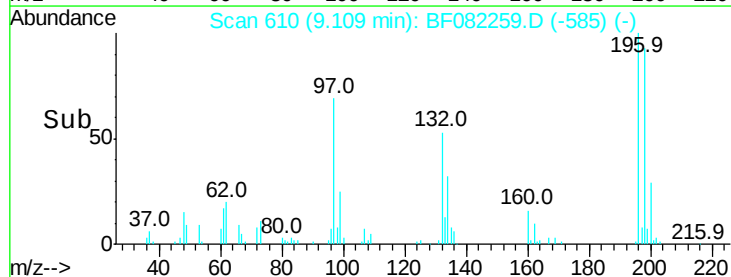
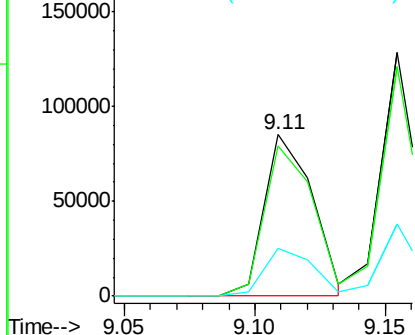


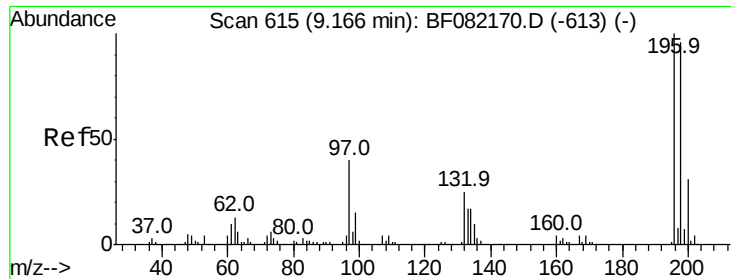
#42
 2,4,6-Trichlorophenol
 Concen: 34.50 ng
 RT: 9.11 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	109637		
198	93.1		76.6	115.0
200	29.3		23.7	35.5



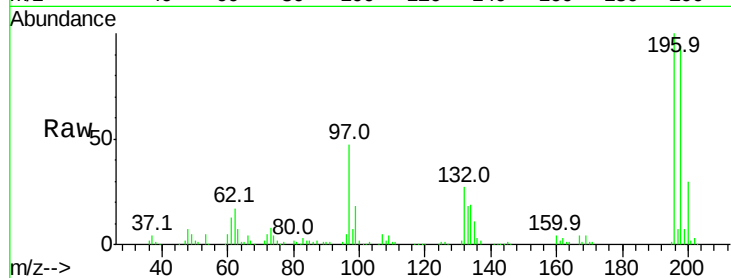
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 39.49 ng
 RT: 9.15 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

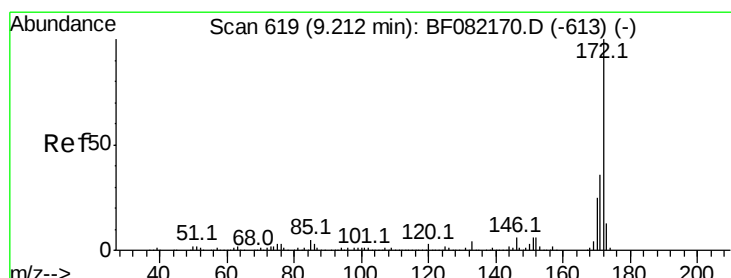
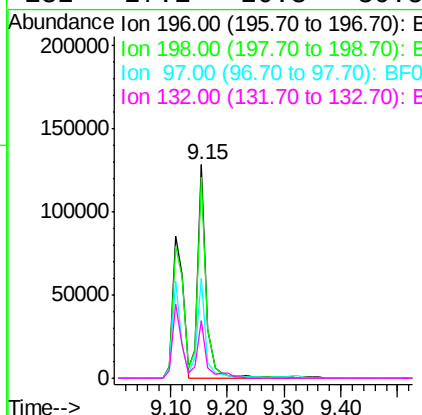
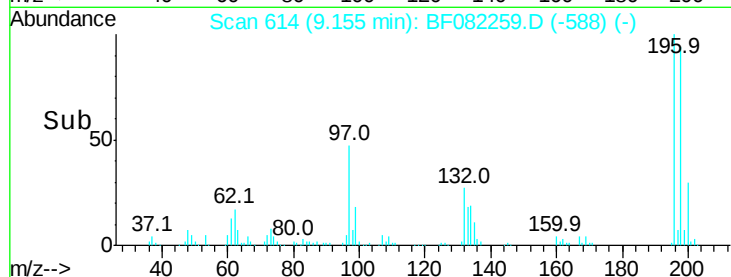
Instrument :
 BNA_F
 ClientSampleId :
 PB86086BS



Tot Ion	196	Resp	135942
Ion Ratio	Lower	Upper	
196	100		
198	94.1	77.0	115.4
97	46.9	31.9	47.9
132	27.1	20.3	30.5

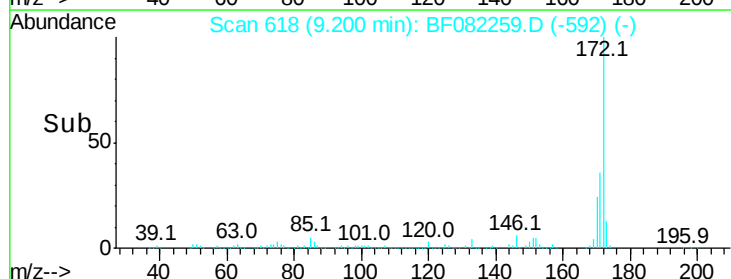
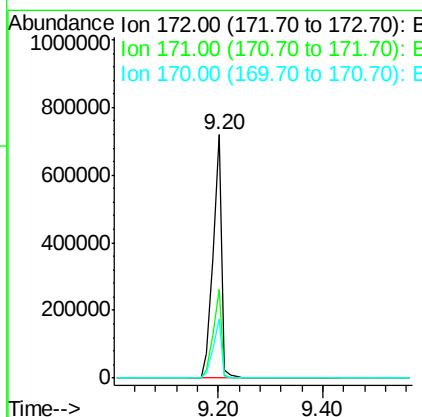
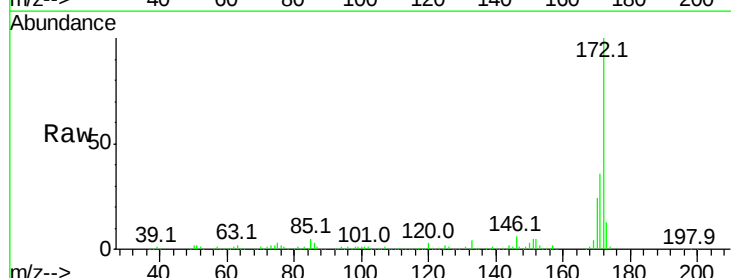
Manual Integrations
 APPROVED

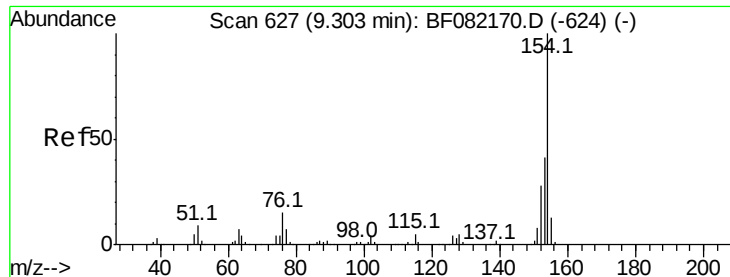
MMdadoda
 10/14/2015 3:51:17 PM



#44
 2-Fluorobiphenyl
 Concen: 84.33 ng
 RT: 9.20 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Tgt Ion	172	Resp	818060
Ion Ratio	Lower	Upper	
172	100		
171	36.4	28.6	42.8
170	24.1	19.7	29.5





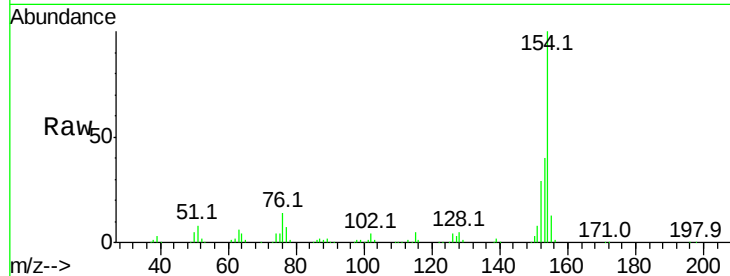
#45
1,1'-Biphenyl
Concen: 35.60 ng
RT: 9.29 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Instrument :
BNA_F
ClientSampleId :
PB86086BS

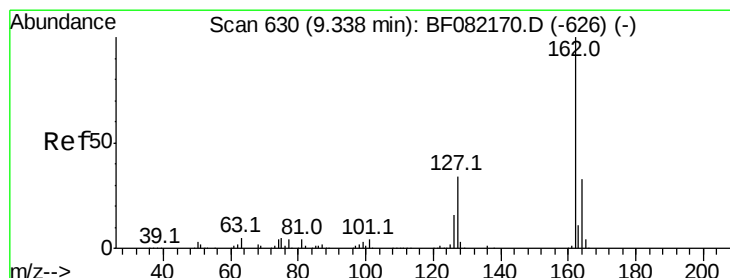
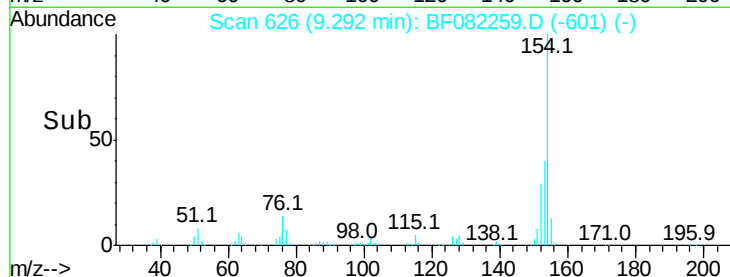
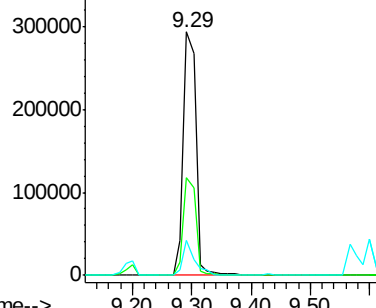
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.0	20.6	60.6	
76	14.3	0.0	35.2	

Manual Integrations
APPROVED

MMdadoda
10/14/2015 3:51:17 PM

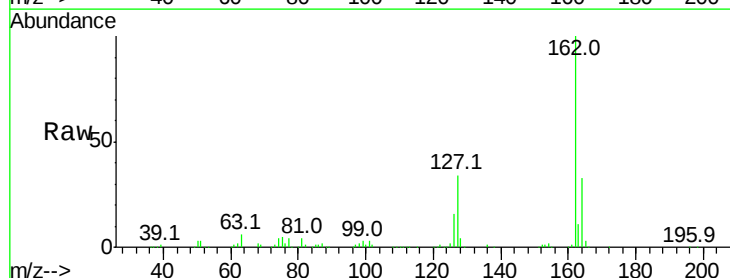


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

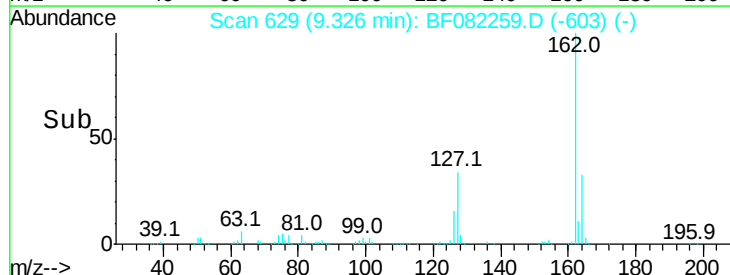
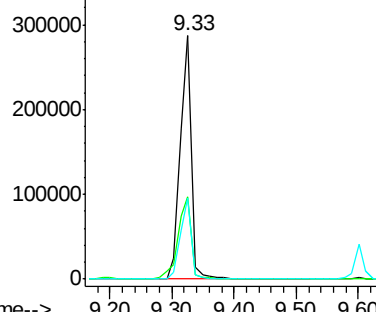


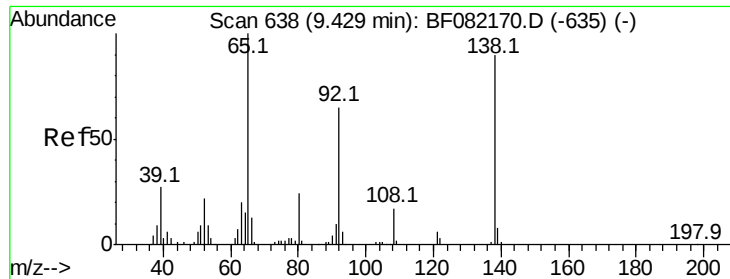
#46
2-Chloronaphthalene
Concen: 37.11 ng
RT: 9.33 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	33.8	27.5	41.3	
164	33.1	26.6	39.8	



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





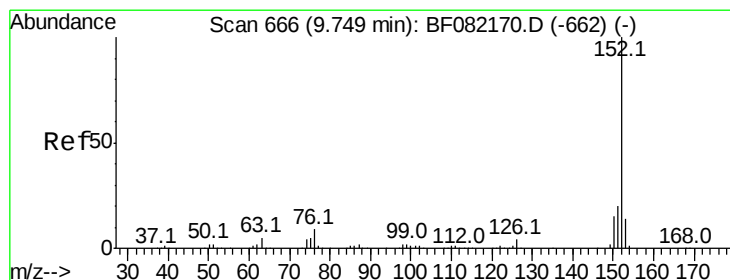
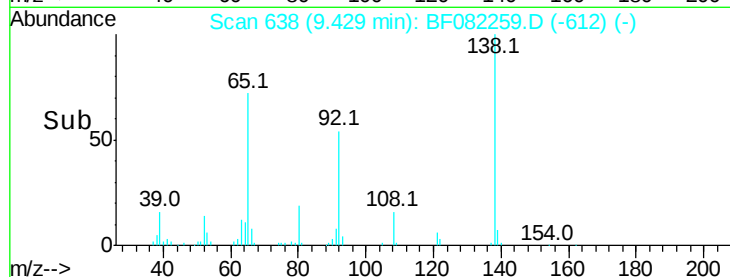
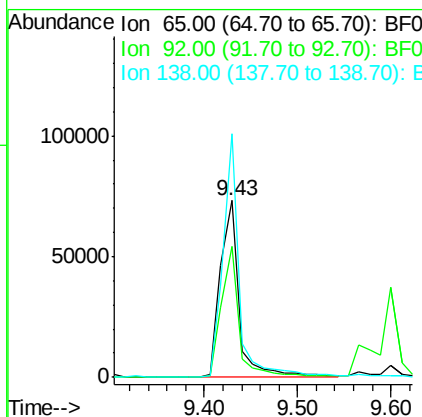
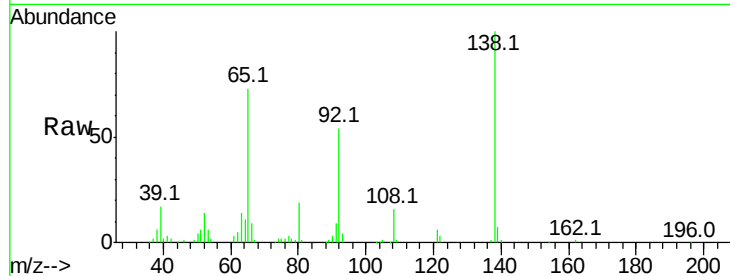
#47
2-Nitroaniline
Concen: 38.94 ng
RT: 9.43 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Instrument :
BNA_F
ClientSampleId :
PB86086BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.7	52.3	78.5
138	137.6	72.2	108.4

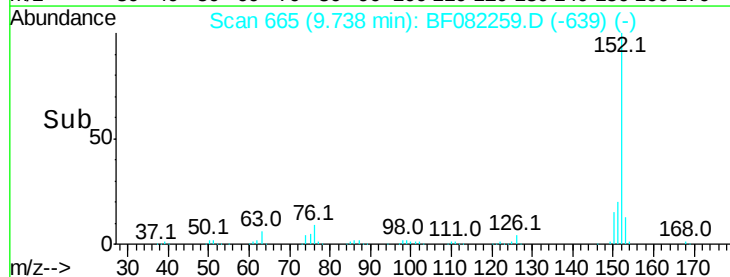
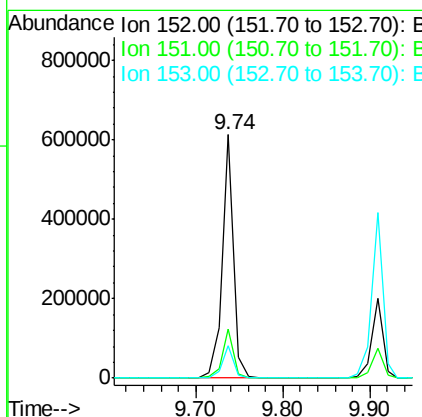
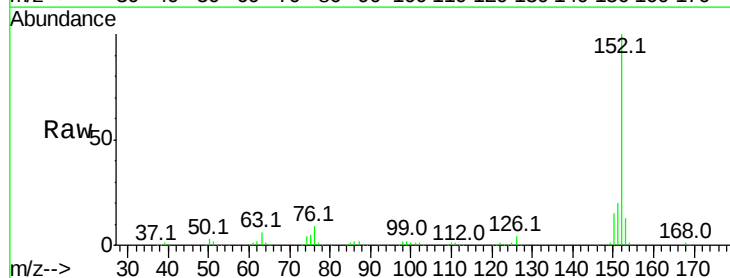
Manual Integrations
APPROVED

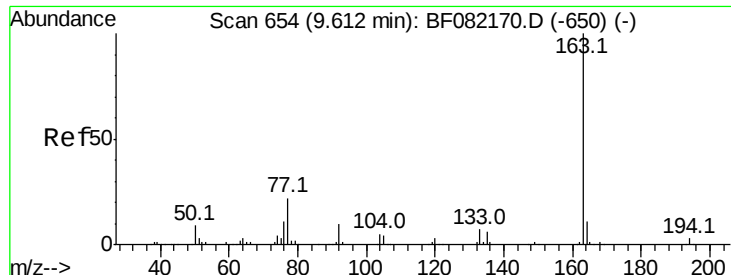
MMdadoda
10/14/2015 3:51:17 PM



#48
Acenaphthylene
Concen: 37.28 ng
RT: 9.74 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.4	24.6
153	13.5	10.8	16.2





#49

Dimethylphthalate

Concen: 34.72 ng

RT: 9.60 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

Instrument :

BNA_F

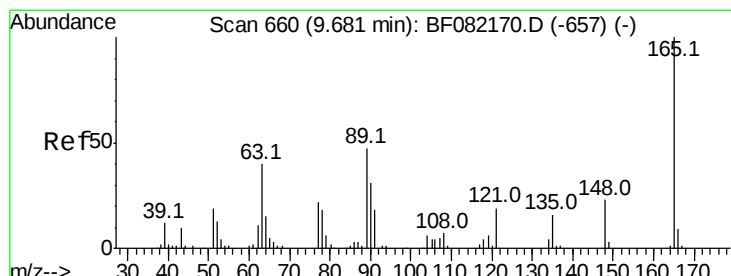
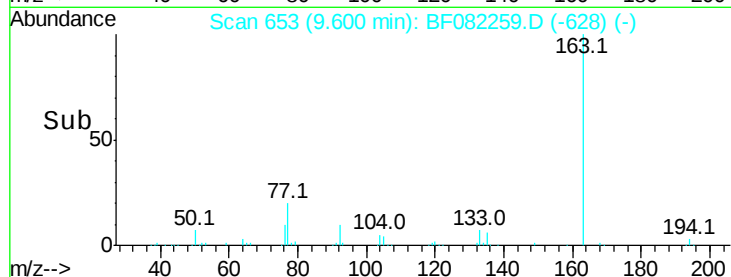
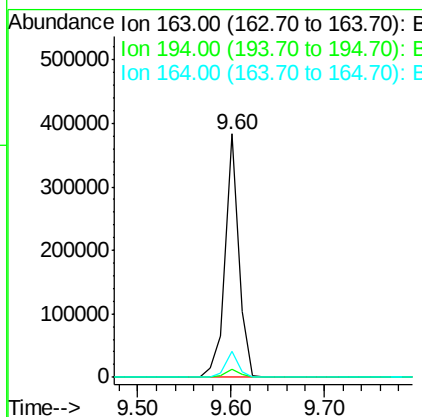
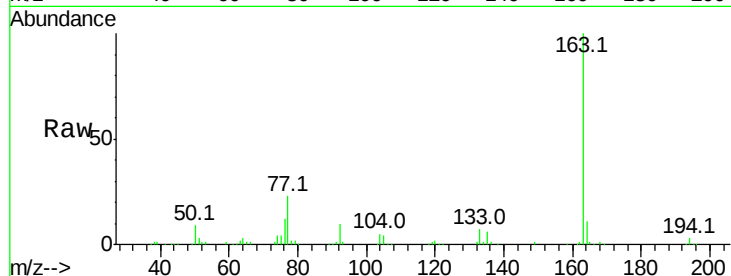
ClientSampleId :

PB86086BS

Tot Ion:	163	Resp:	393349
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.6	4.0
164	10.6	8.5	12.7

Manual Integrations
APPROVED

MMdadoda
10/14/2015 3:51:17 PM



#50

2,6-Dinitrotoluene

Concen: 41.06 ng

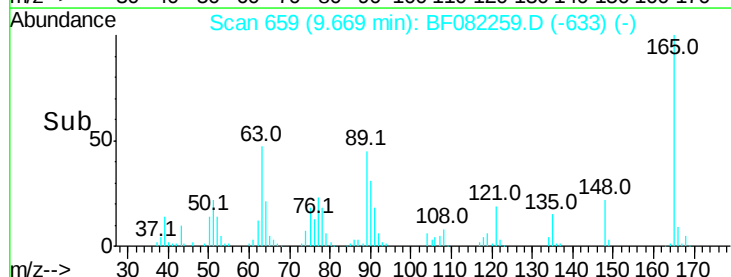
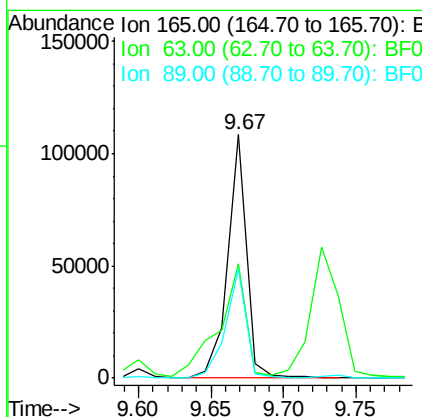
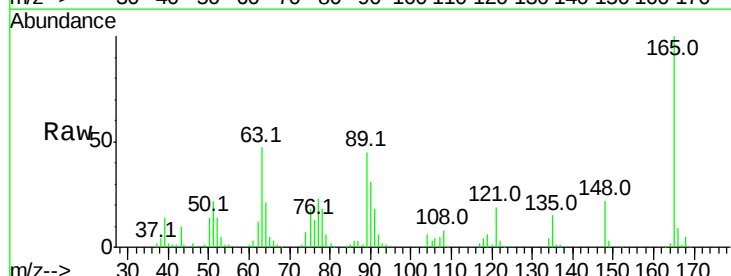
RT: 9.67 min Scan# 659

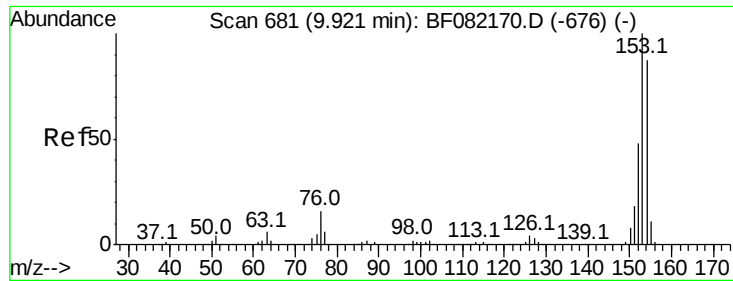
Delta R.T. 0.00 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

Tgt Ion:	165	Resp:	98149
Ion Ratio	Lower	Upper	
165	100		
63	46.9	36.7	55.1
89	44.7	37.8	56.6





#51

Acenaphthene

Concen: 36.15 ng

RT: 9.91 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

Instrument :

BNA_F

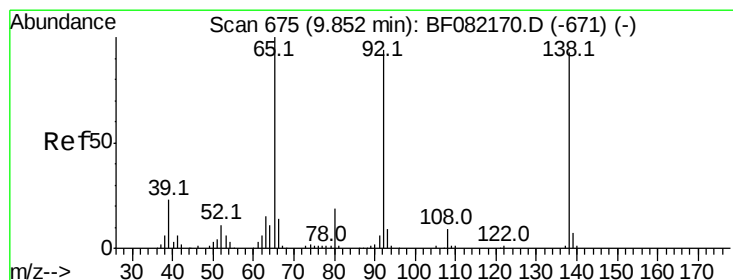
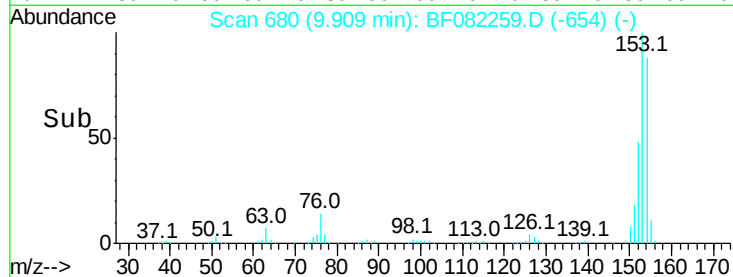
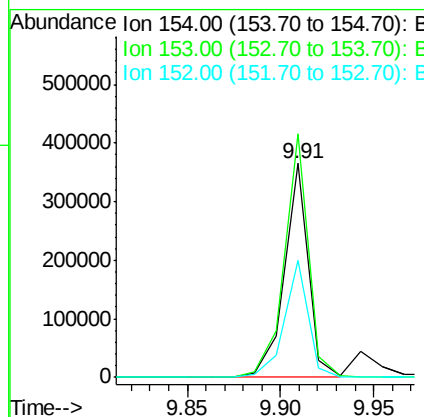
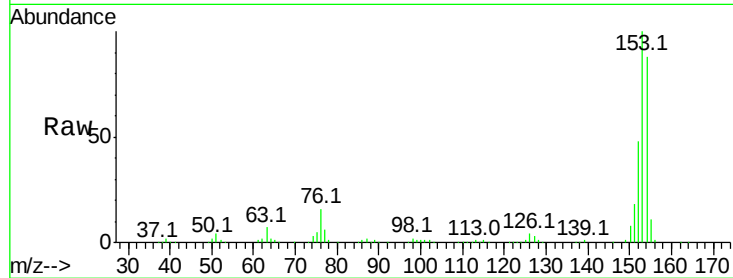
ClientSampleId :

PB86086BS

Tot Ion:	154	Resp:	326515
Ion Ratio	Lower	Upper	
154	100		
153	113.7	91.4	137.2
152	54.6	44.3	66.5

Manual Integrations
APPROVED

MMdadoda
10/14/2015 3:51:17 PM



#52

3-Nitroaniline

Concen: 19.91 ng

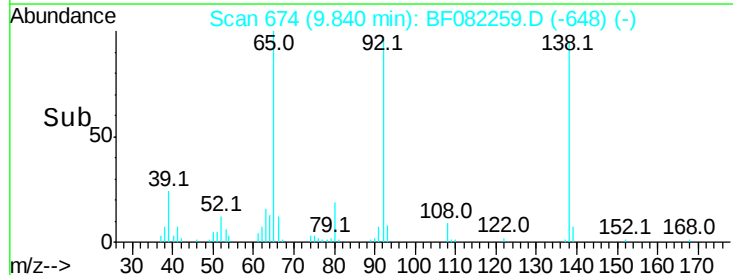
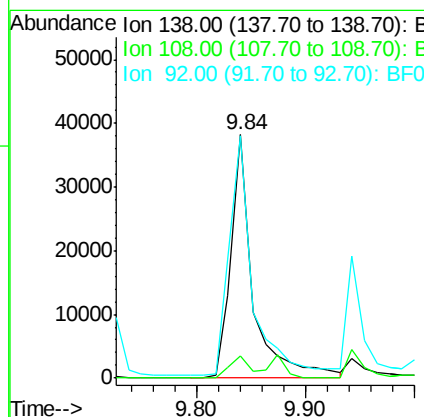
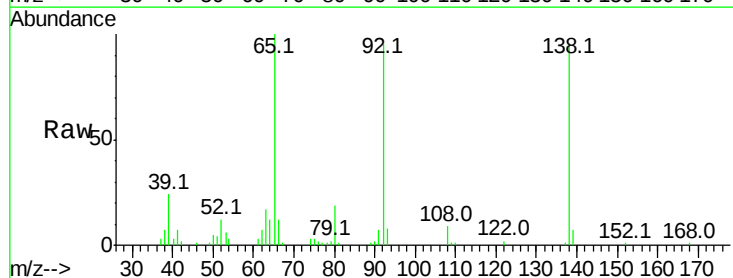
RT: 9.84 min Scan# 674

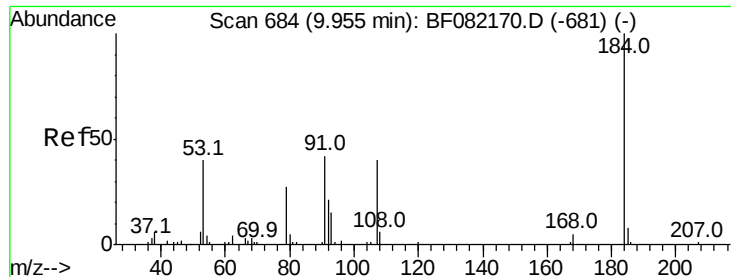
Delta R.T. 0.00 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

Tgt Ion:	138	Resp:	53753
Ion Ratio	Lower	Upper	
138	100		
108	9.1	7.4	11.0
92	99.5	81.3	121.9





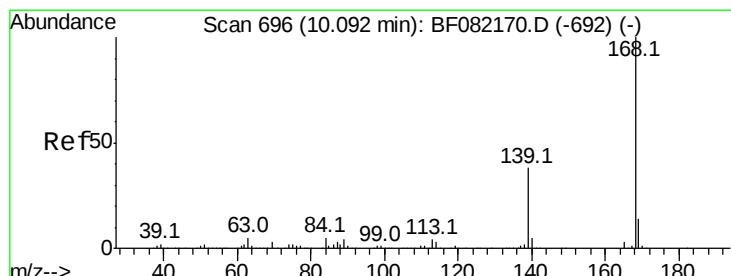
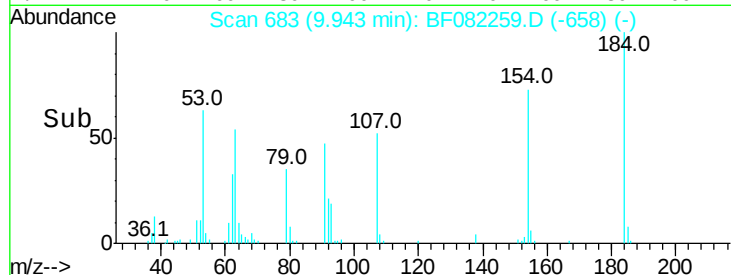
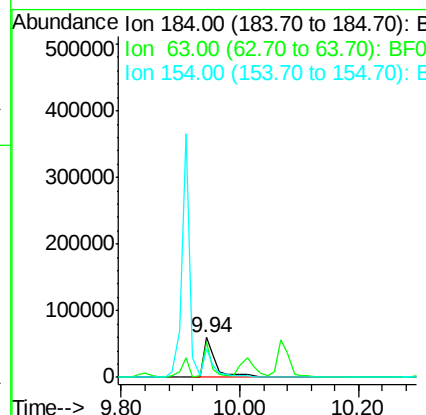
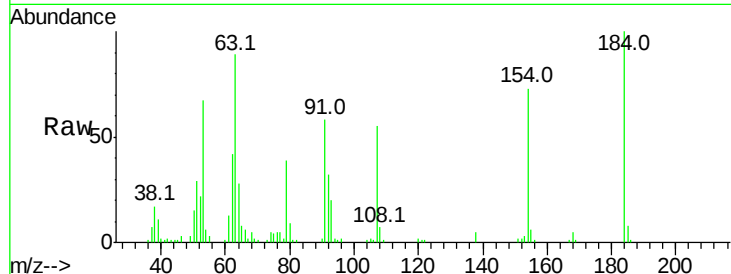
#53
2,4-Dinitrophenol
Concen: 66.10 ng
RT: 9.94 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Instrument :
BNA_F
ClientSampleId :
PB86086BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	89.1	45.1	67.7#
154	73.1	51.2	76.8

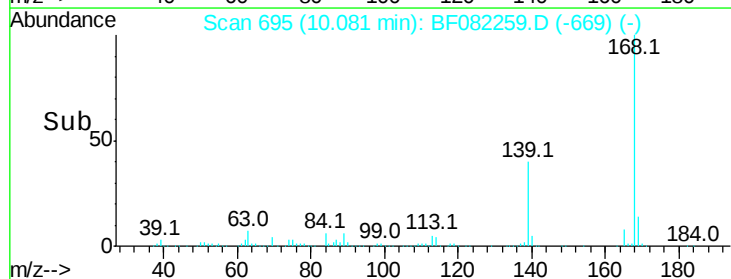
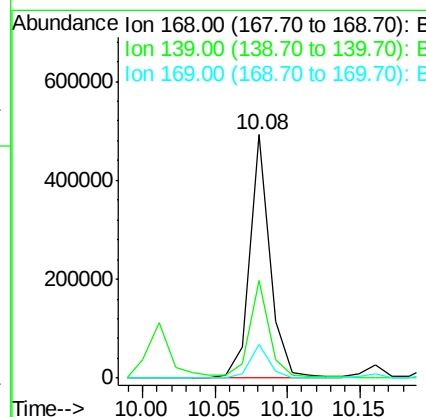
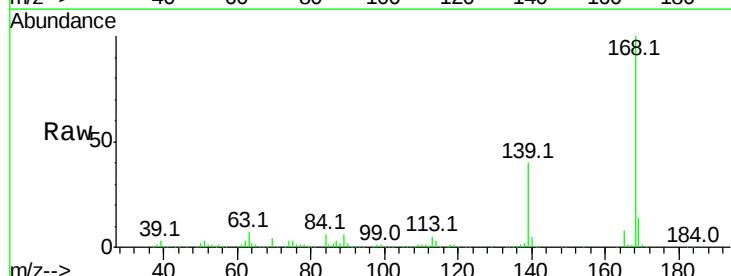
Manual Integrations
APPROVED

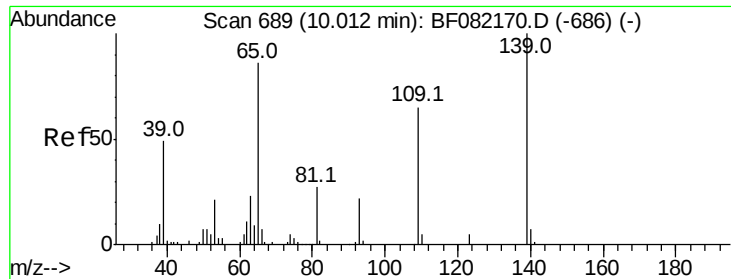
MMdadoda
10/14/2015 3:51:17 PM



#54
Dibenzofuran
Concen: 38.65 ng
RT: 10.08 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.3	31.0	46.6
169	13.8	10.9	16.3





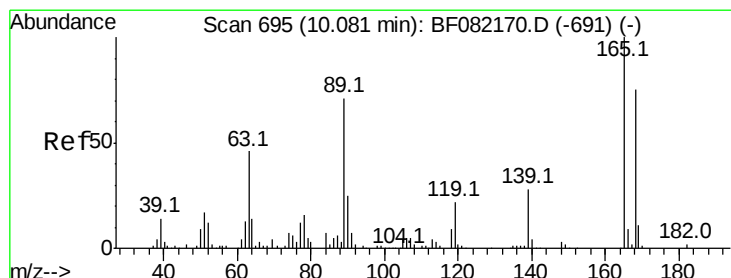
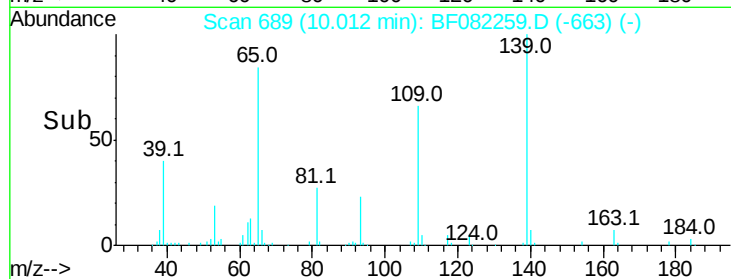
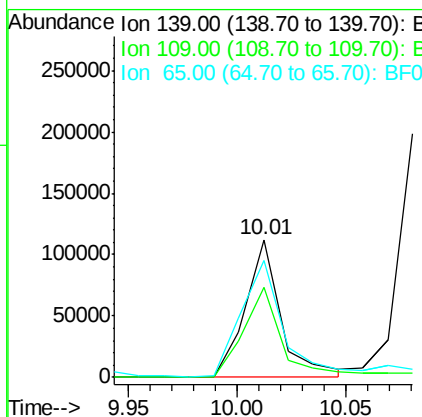
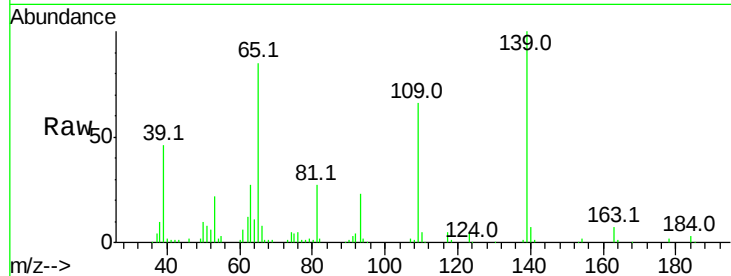
#55
4-Nitrophenol
Concen: 72.28 ng
RT: 10.01 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Instrument :
BNA_F
ClientSampleId :
PB86086BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	129616		
109	65.7	44.8	84.8	
65	84.8	67.7	107.7	

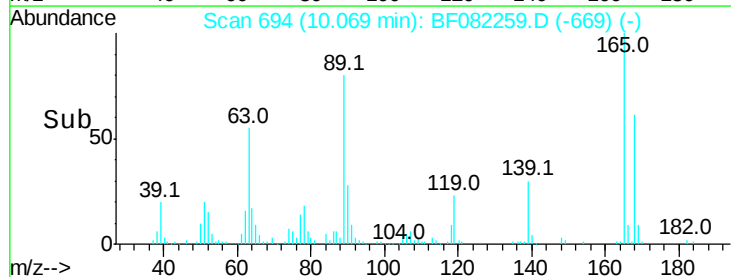
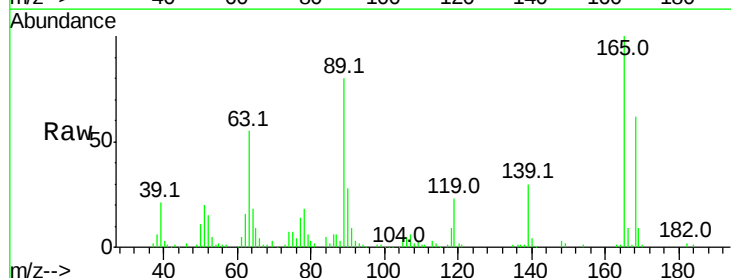
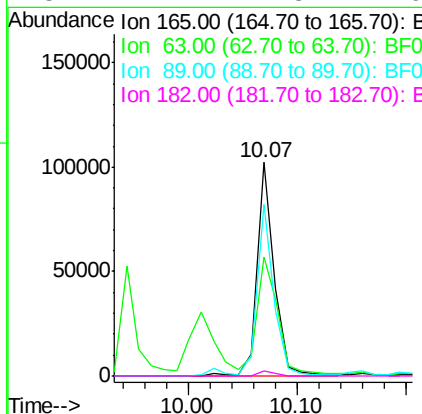
Manual Integrations
APPROVED

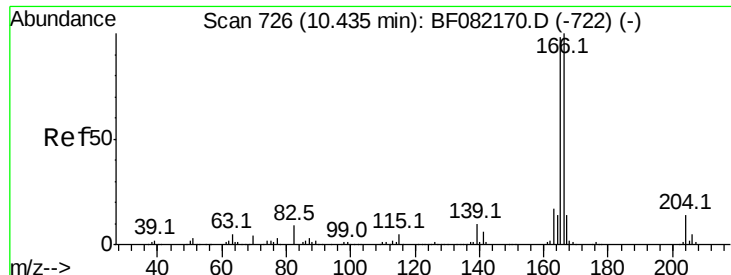
MMdadoda
10/14/2015 3:51:17 PM



#56
2,4-Dinitrotoluene
Concen: 37.89 ng
RT: 10.07 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	113194		
63	55.5	38.6	58.0	
89	80.4	57.0	85.6	
182	2.4	1.8	2.6	





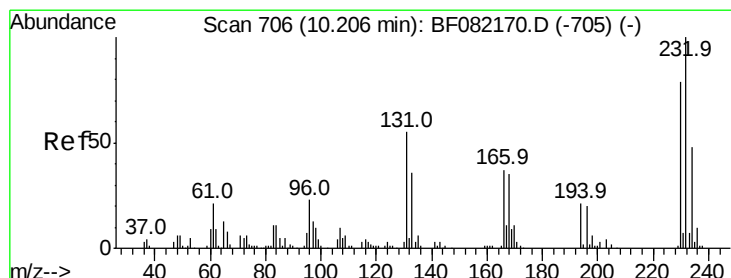
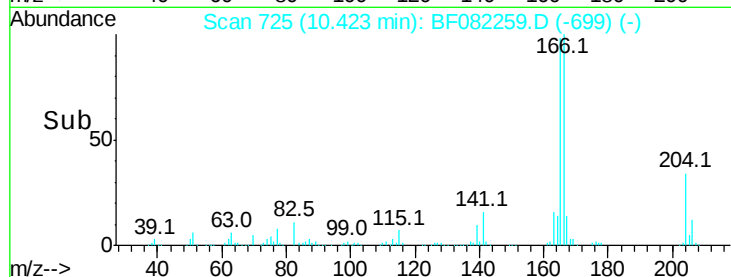
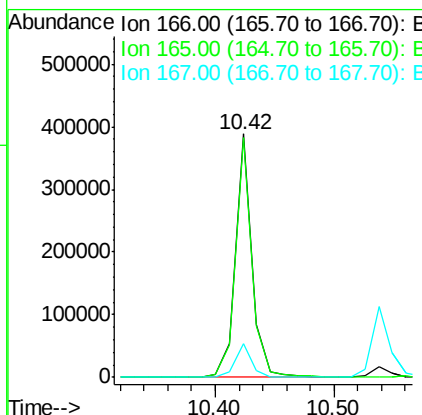
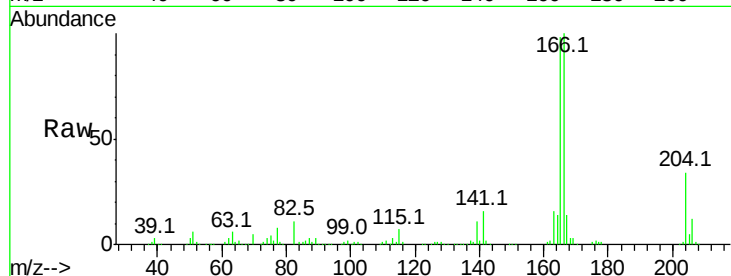
#57
 Fluorene
 Concen: 37.12 ng
 RT: 10.42 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86086BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	377978		
165	98.5		78.3	117.5
167	13.6		10.8	16.2

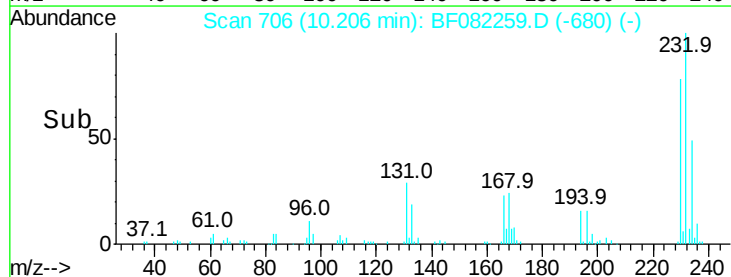
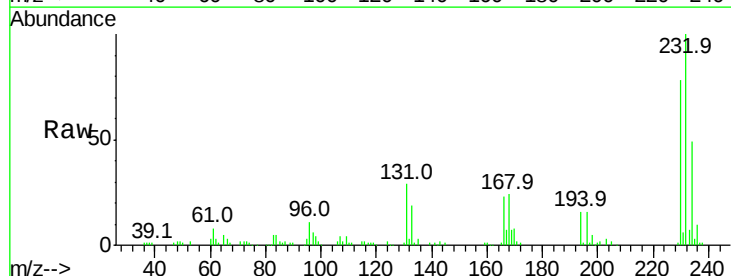
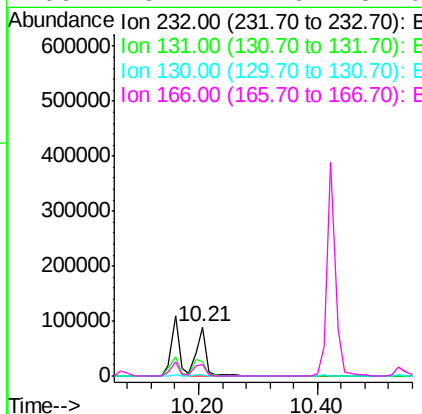
Manual Integrations
 APPROVED

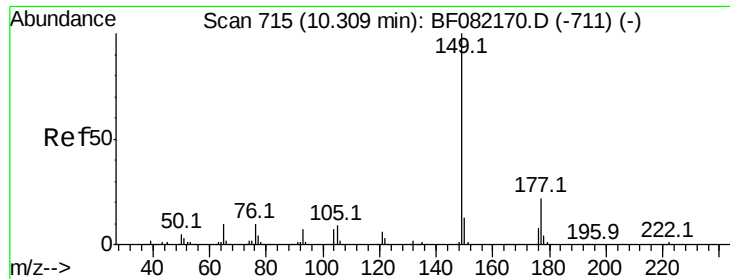
MMdadoda
 10/14/2015 3:51:17 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.00 ng
 RT: 10.21 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	106896		
131	39.9		36.6	54.8
130	1.8		1.5	2.3
166	28.2		24.6	37.0





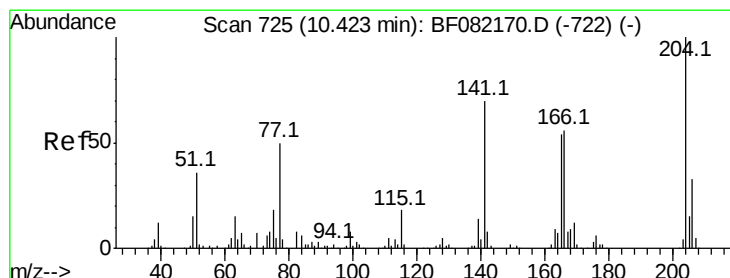
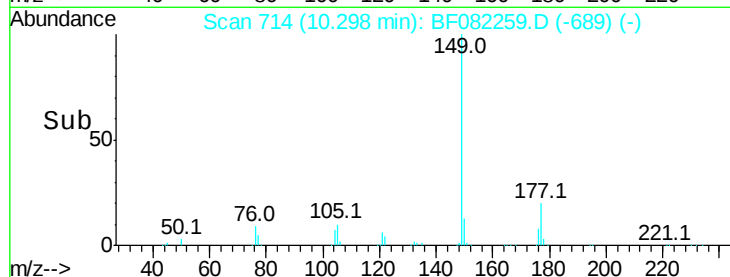
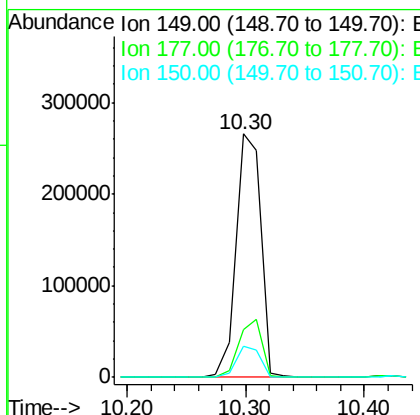
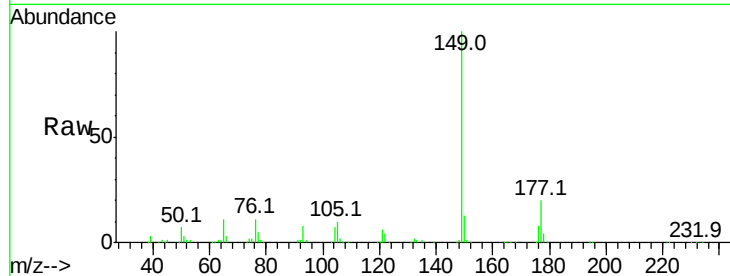
#59
Diethylphthalate
Concen: 36.52 ng
RT: 10.30 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Instrument :
BNA_F
ClientSampleId :
PB86086BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	385671		
177	19.7		17.6	26.4
150	12.9		10.3	15.5

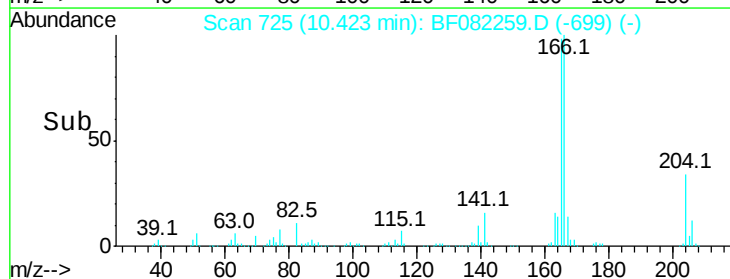
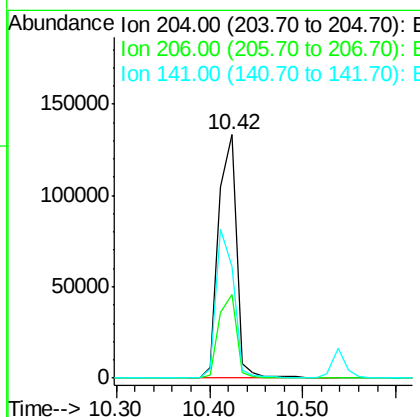
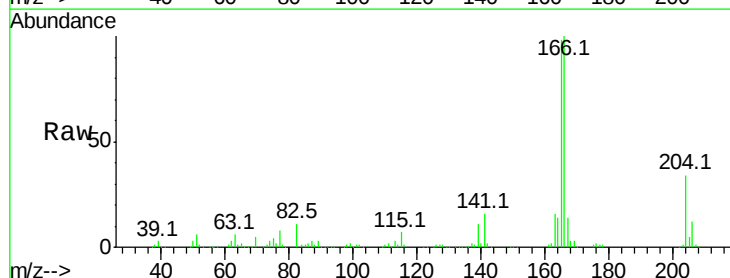
Manual Integrations
APPROVED

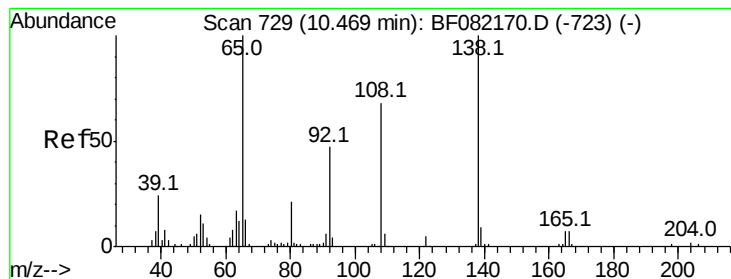
MMdadoda
10/14/2015 3:51:17 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.14 ng
RT: 10.42 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	177903		
206	34.5		26.8	40.2
141	46.0		56.1	84.1#





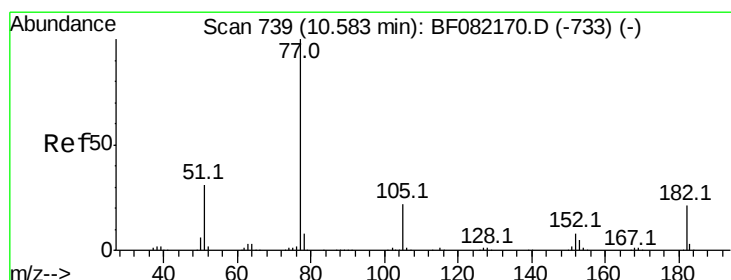
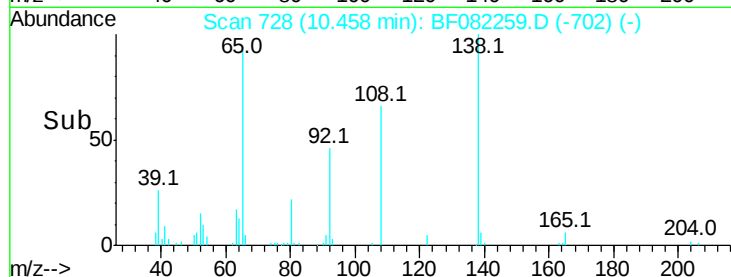
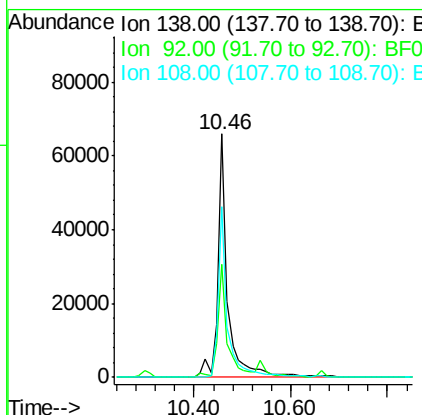
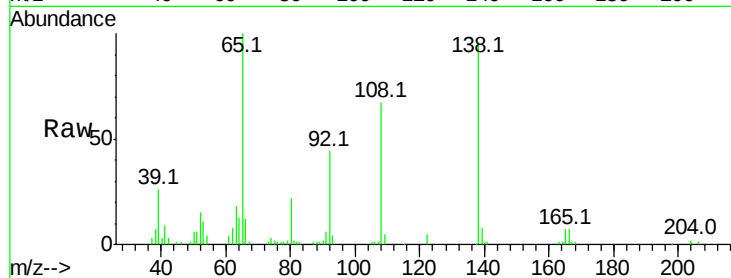
#61
4-Nitroaniline
Concen: 36.70 ng
RT: 10.46 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Instrument :
BNA_F
ClientSampleId :
PB86086BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.5	26.8	66.8
108	70.3	48.4	88.4

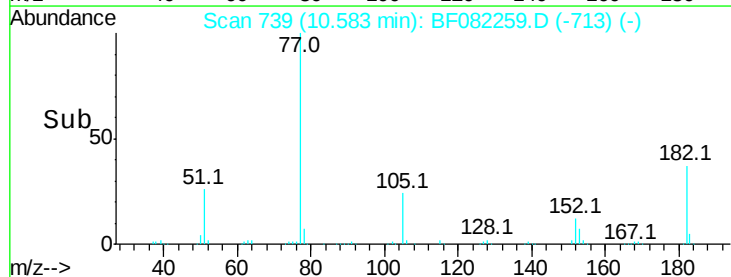
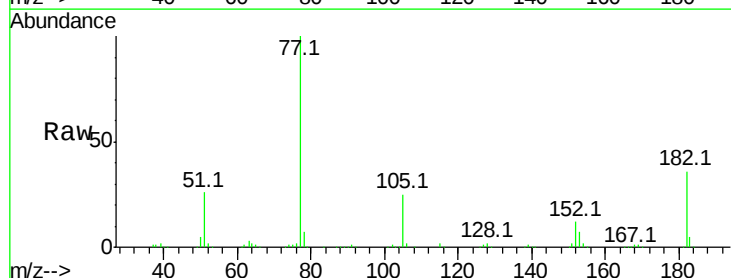
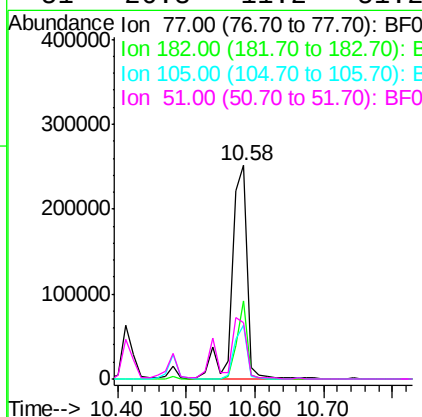
Manual Integrations
APPROVED

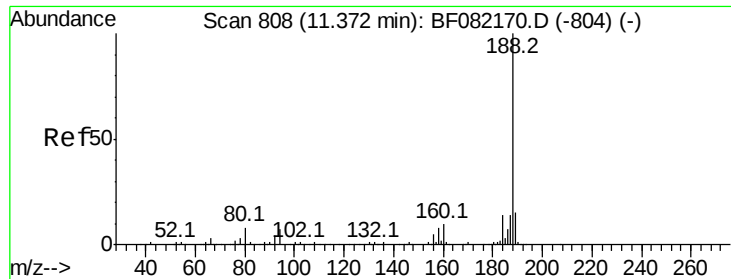
MMdadoda
10/14/2015 3:51:17 PM



#62
Azobenzene
Concen: 37.93 ng
RT: 10.58 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Tgt Ion	Ratio	Lower	Upper
77	100		
182	36.4	0.5	40.5
105	25.4	1.8	41.8
51	26.3	11.2	51.2





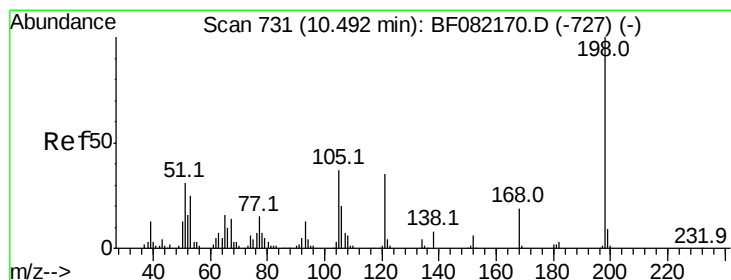
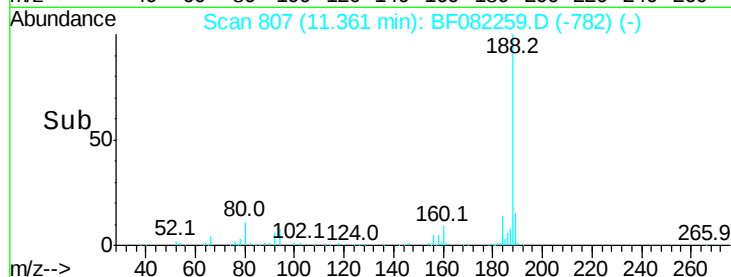
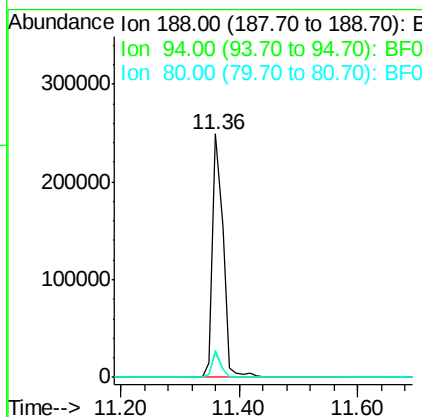
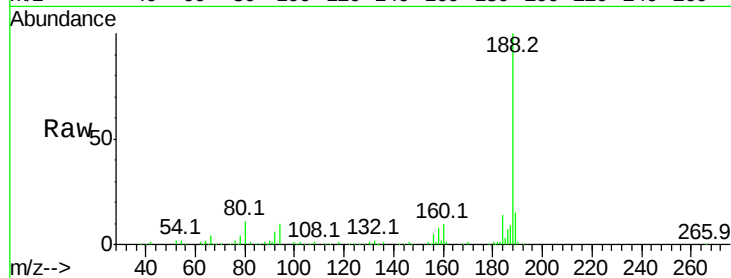
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Instrument :
BNA_F
ClientSampleId :
PB86086BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.1	5.8	8.6#	
80	11.2	6.4	9.6#	

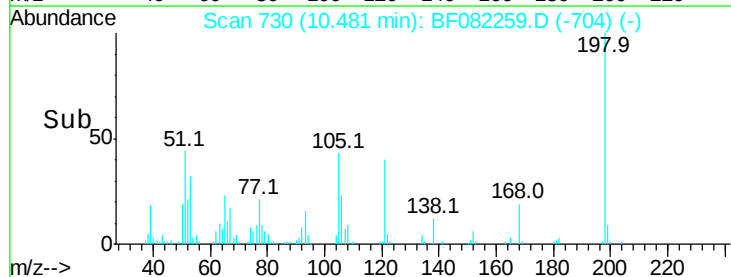
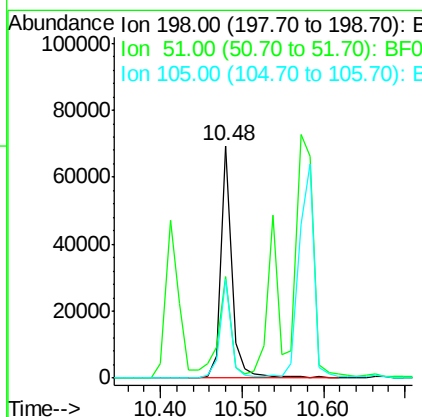
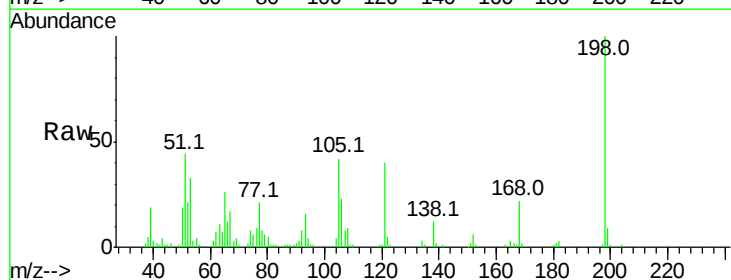
Manual Integrations
APPROVED

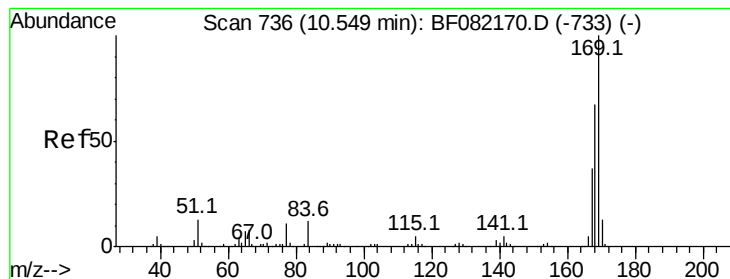
MMdadoda
10/14/2015 3:51:17 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 37.51 ng
RT: 10.48 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	43.5	13.6	53.6	
105	42.4	17.1	57.1	





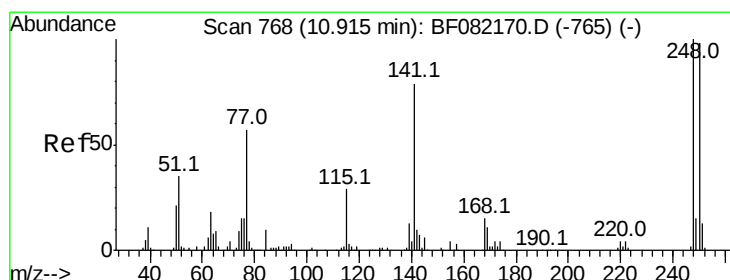
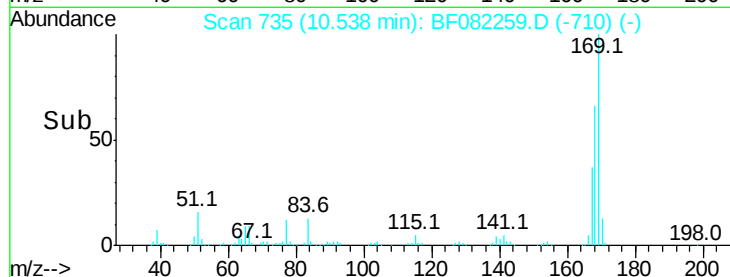
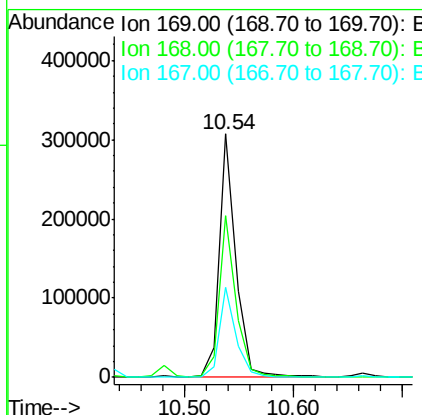
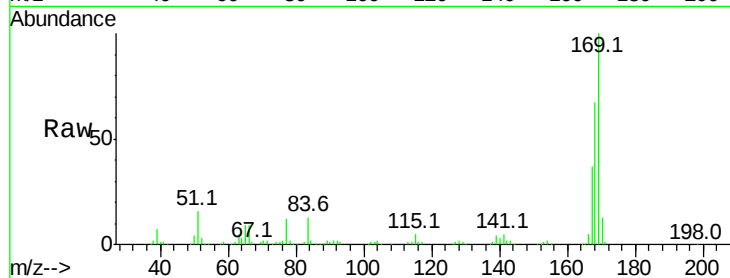
#65
 n-Nitrosodiphenylamine
 Concen: 36.19 ng
 RT: 10.54 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86086BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	330545		
168	66.6		54.0	81.0
167	37.0		29.6	44.4

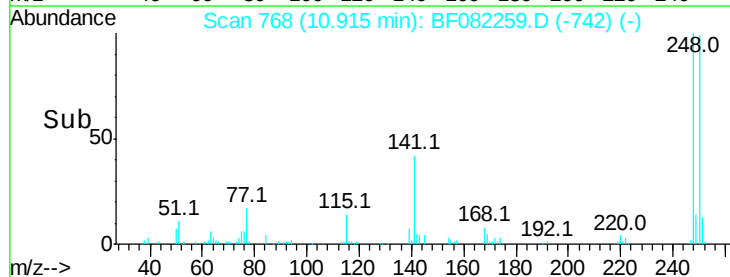
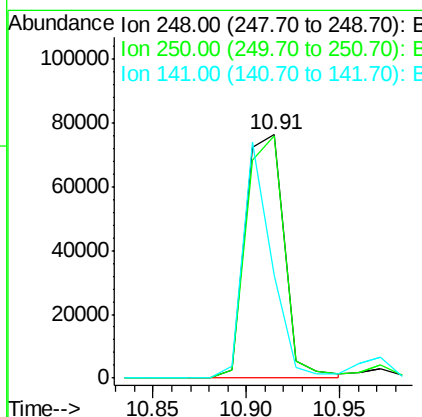
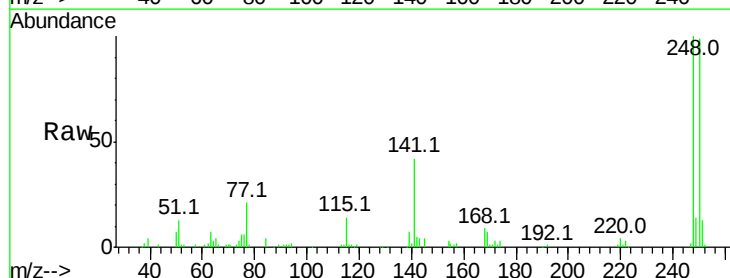
Manual Integrations
 APPROVED

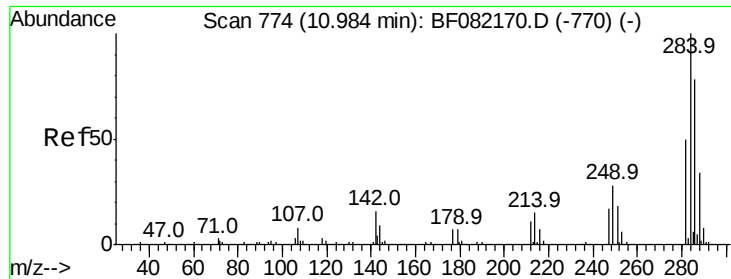
MMdadoda
 10/14/2015 3:51:17 PM



#66
 4-Bromophenyl-phenylether
 Concen: 36.01 ng
 RT: 10.91 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	109941		
250	99.4		78.6	117.8
141	42.4		63.3	94.9#





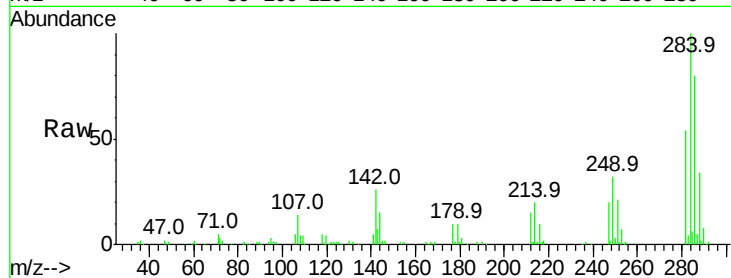
#67
Hexachlorobenzene
Concen: 38.40 ng
RT: 10.97 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Instrument :
BNA_F
ClientSampleId :
PB86086BS

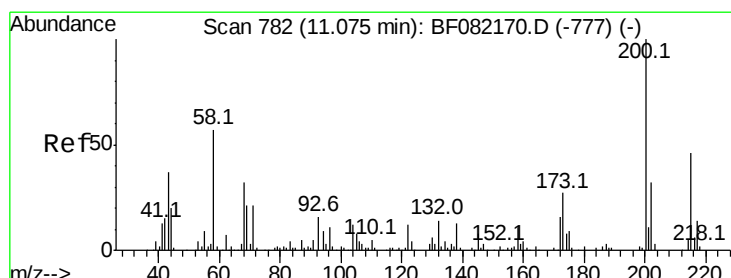
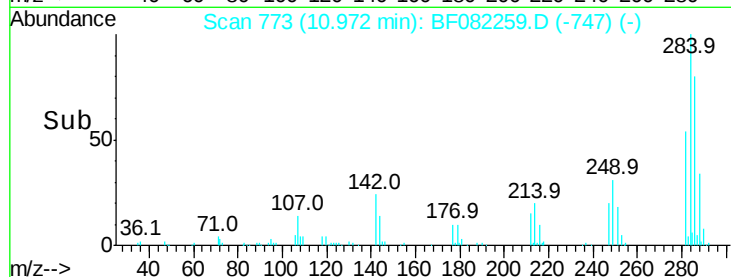
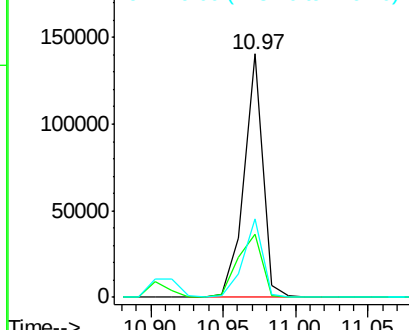
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	26.0	13.0	19.6#	
249	32.2	22.5	33.7	

Manual Integrations
APPROVED

MMdadoda
10/14/2015 3:51:17 PM

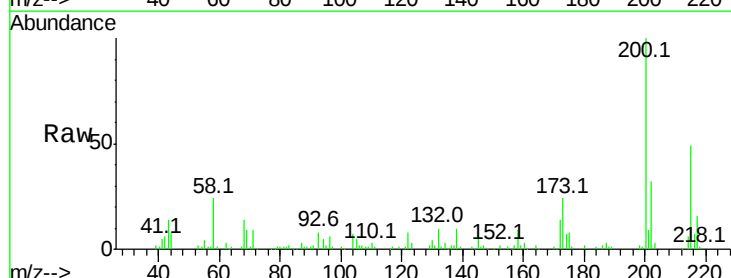


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

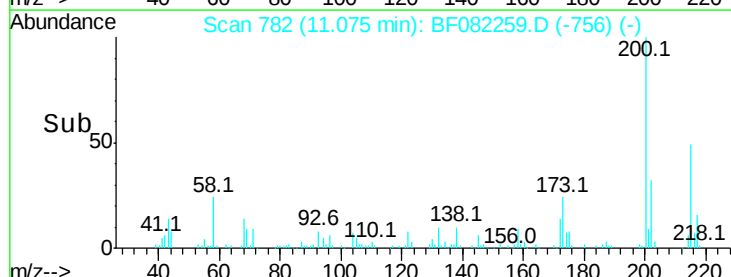
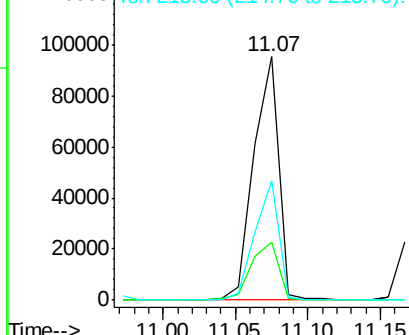


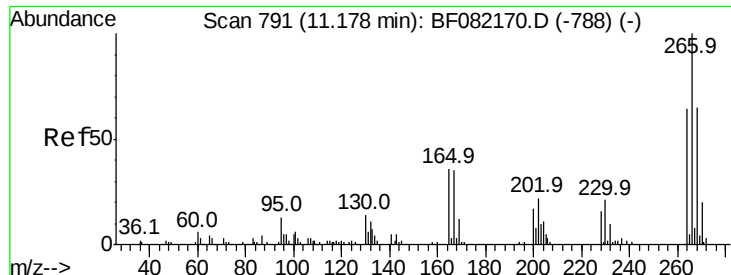
#68
Atrazine
Concen: 39.13 ng
RT: 11.07 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	23.9	7.3	47.3	
215	49.1	26.2	66.2	



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





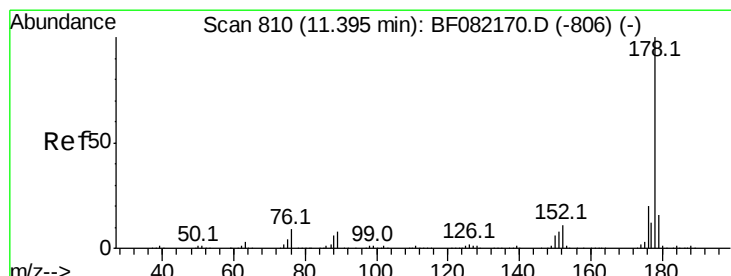
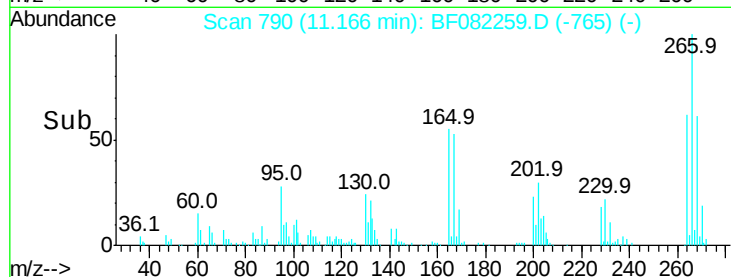
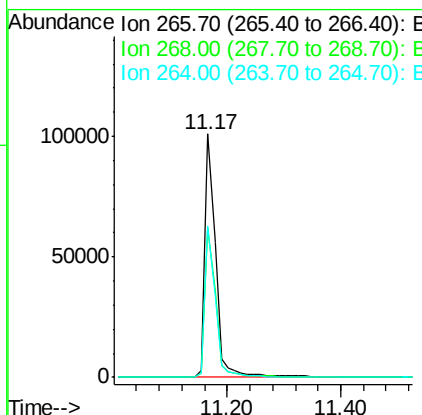
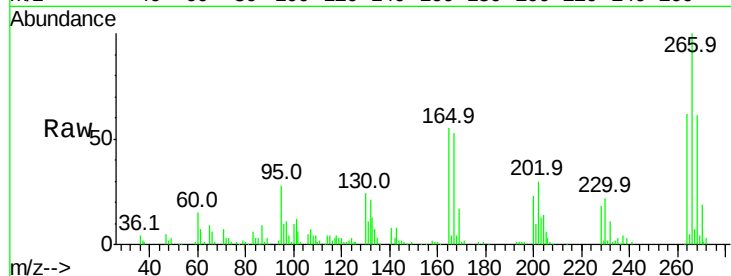
#69
 Pentachlorophenol
 Concen: 74.18 ng
 RT: 11.17 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86086BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	126032		
268	61.1	52.0	78.0	
264	62.3	51.4	77.0	

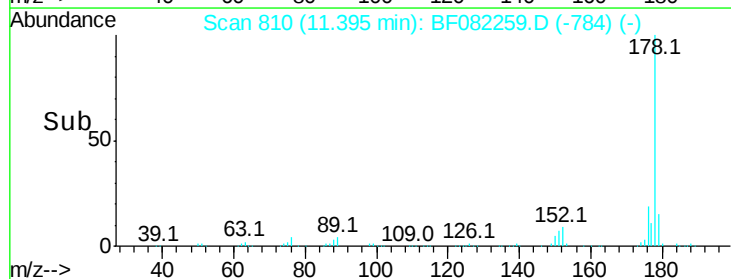
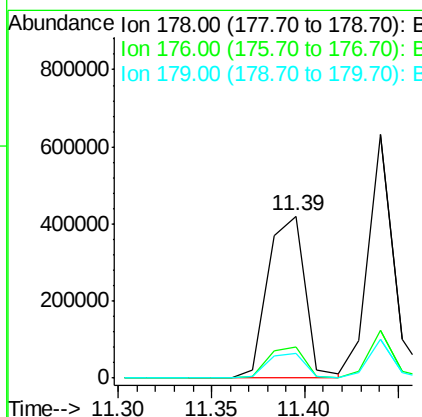
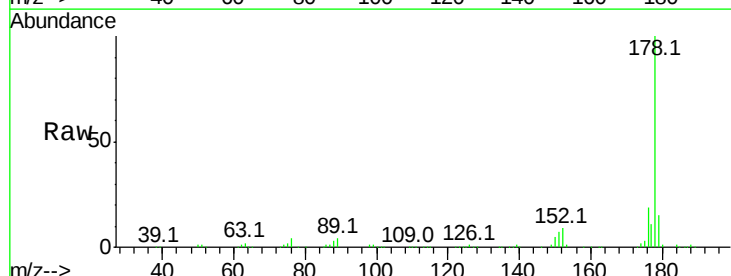
Manual Integrations
 APPROVED

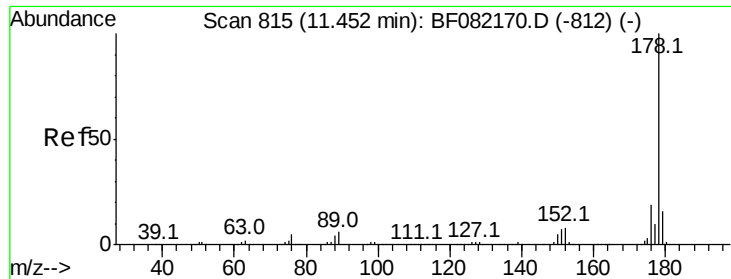
MMdadoda
 10/14/2015 3:51:17 PM



#70
 Phenanthrene
 Concen: 38.70 ng
 RT: 11.39 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	578672		
176	19.4	16.0	24.0	
179	15.0	12.6	19.0	





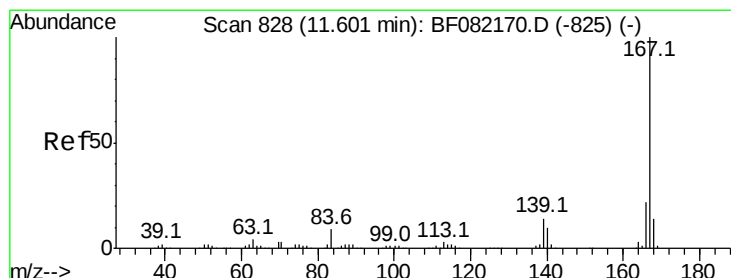
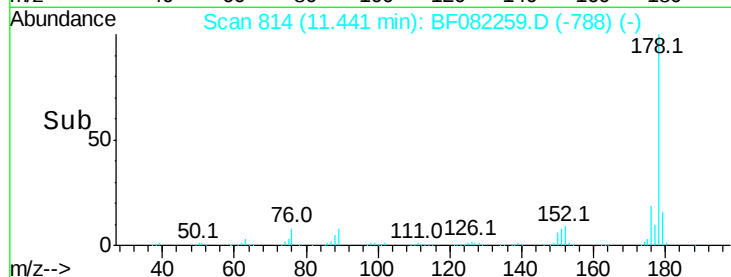
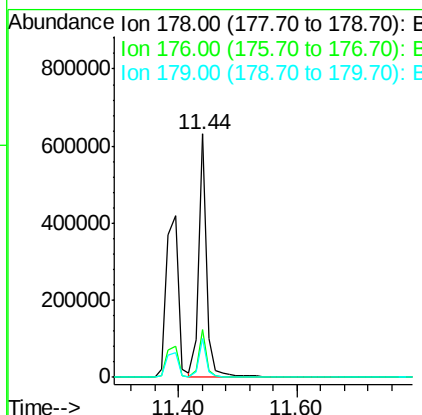
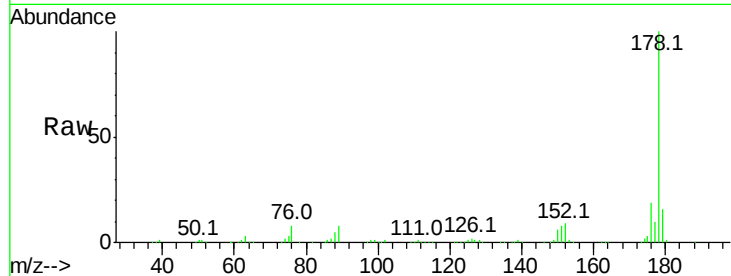
#71
 Anthracene
 Concen: 39.63 ng
 RT: 11.44 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86086BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	15.9	12.5	18.7

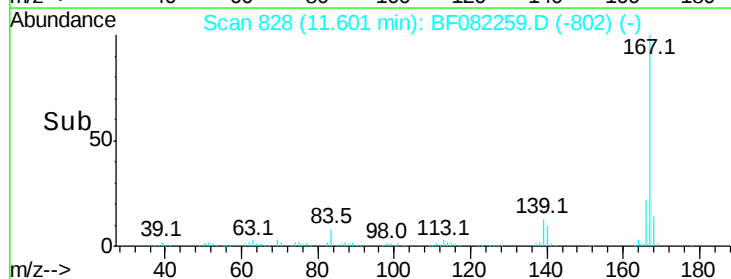
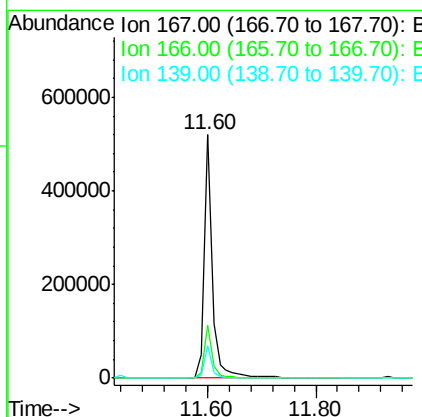
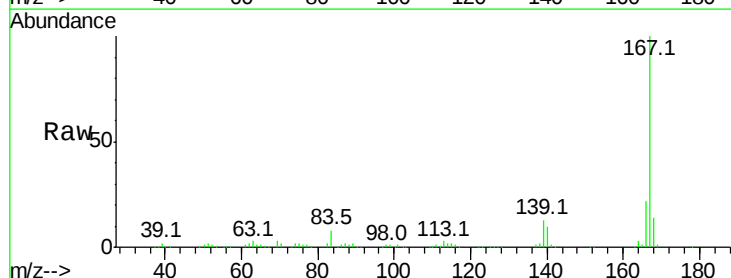
Manual Integrations
 APPROVED

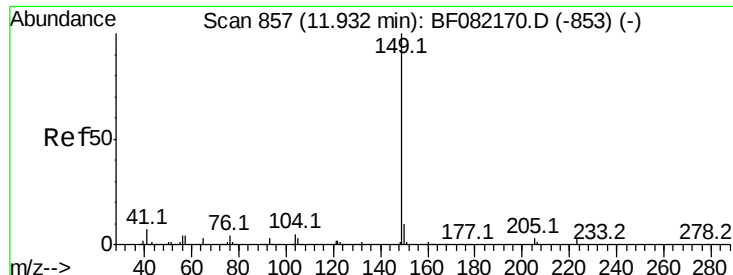
MMdadoda
 10/14/2015 3:51:17 PM



#72
 Carbazole
 Concen: 38.59 ng
 RT: 11.60 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.3	25.9
139	13.4	11.2	16.8





#73

Di-n-butylphthalate

Concen: 36.75 ng

RT: 11.93 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

Instrument :

BNA_F

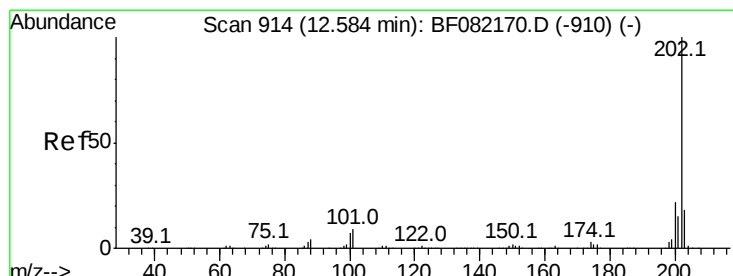
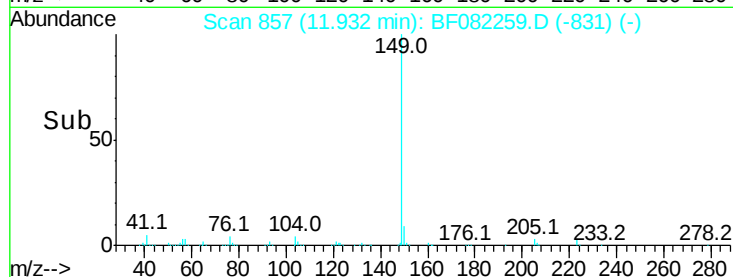
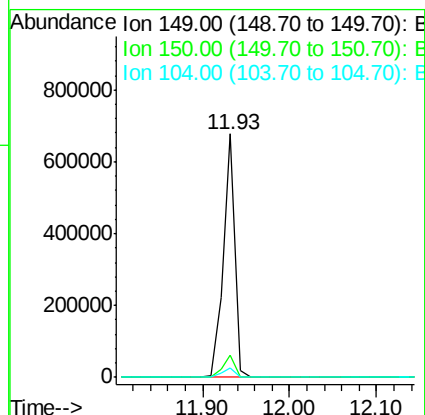
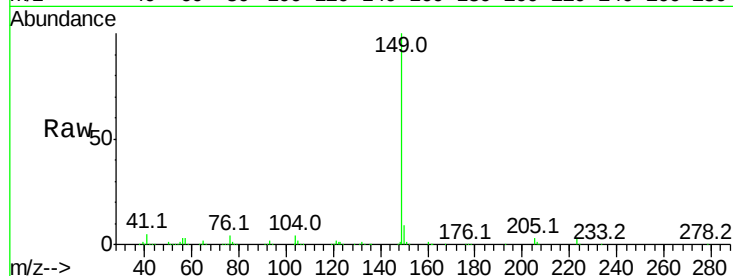
ClientSampleId :

PB86086BS

Tot Ion:	149	Resp:	637293
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	3.9	3.8	5.8

Manual Integrations
APPROVED

MMdadoda
10/14/2015 3:51:17 PM



#74

Fluoranthene

Concen: 40.30 ng

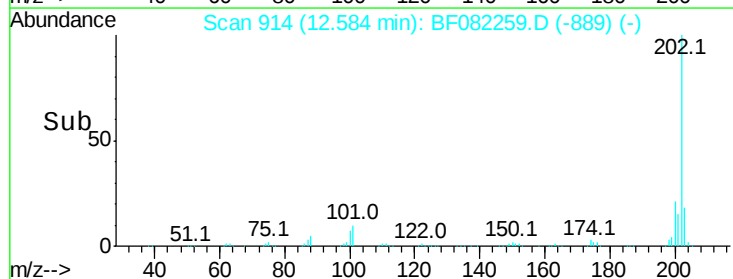
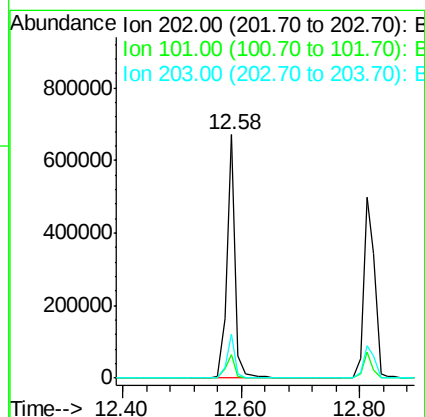
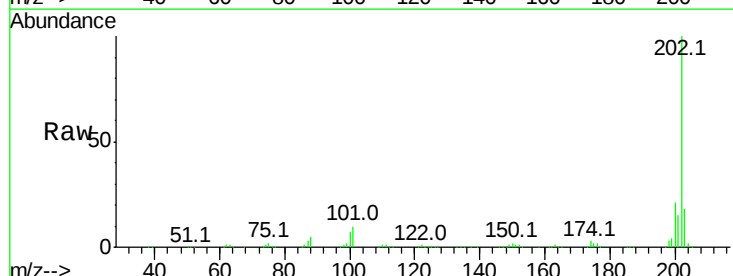
RT: 12.58 min Scan# 914

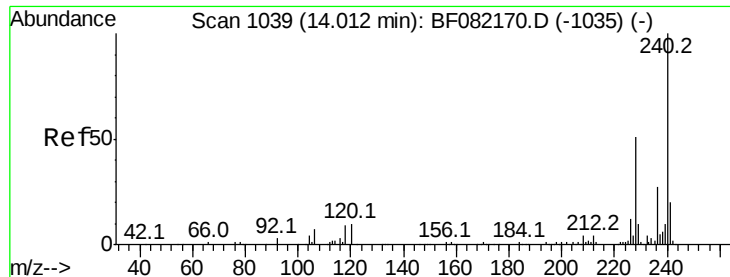
Delta R.T. -0.01 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

Tgt Ion:	202	Resp:	647228
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	29.3
203	18.1	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 1046

Delta R.T. -0.05 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

Instrument :

BNA_F

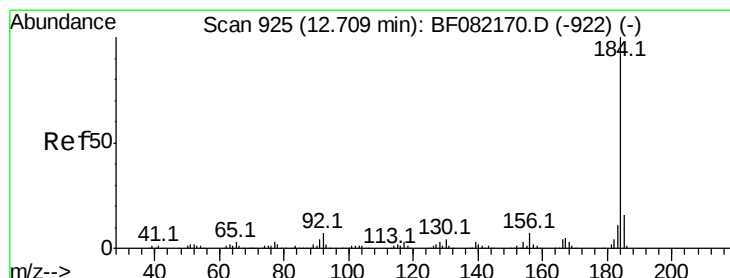
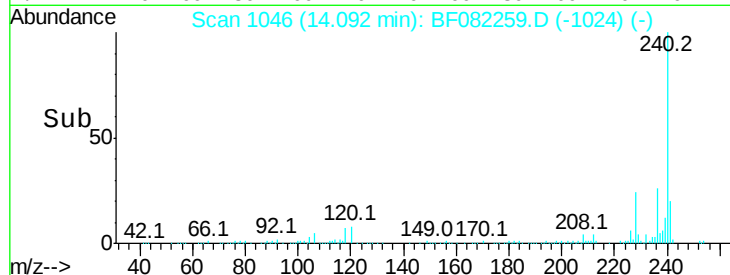
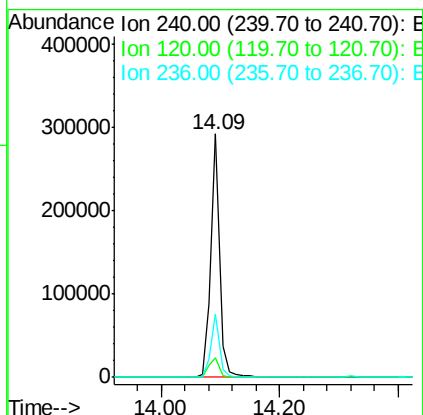
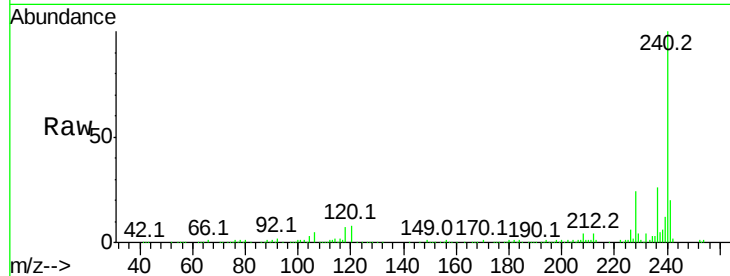
ClientSampleId :

PB86086BS

Tot Ion:	240	Resp:	302438
Ion Ratio	Lower	Upper	
240	100		
120	8.1	8.1	12.1#
236	26.1	21.3	31.9

Manual Integrations
APPROVED

MMdadoda
10/14/2015 3:51:17 PM



#76

Benzidine

Concen: 35.12 ng

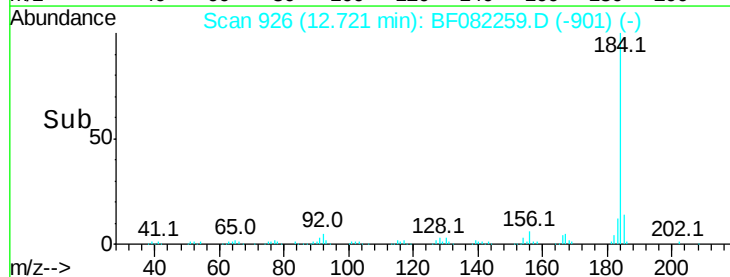
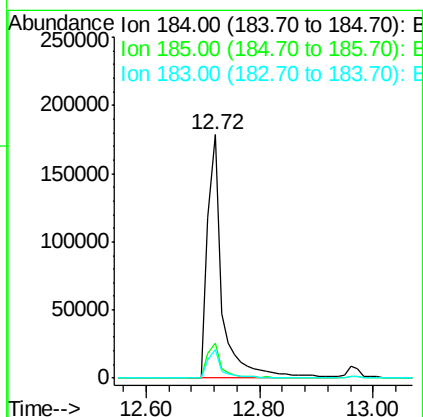
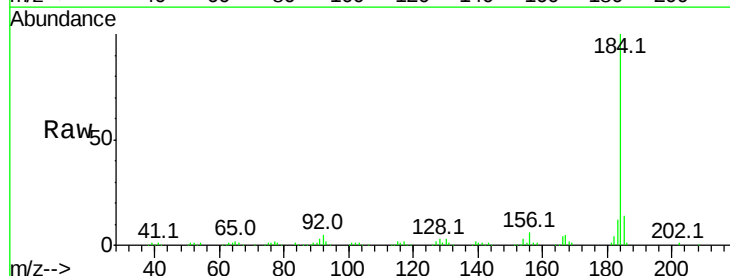
RT: 12.72 min Scan# 926

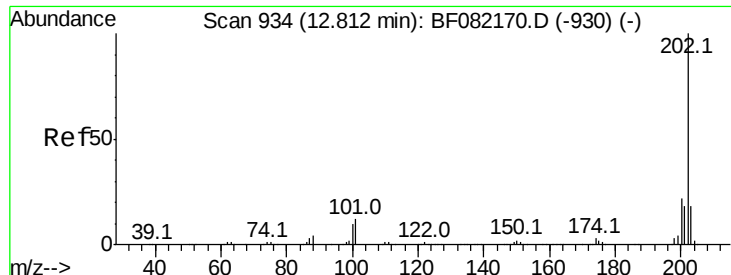
Delta R.T. -0.01 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

Tgt Ion:	184	Resp:	307799
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.5	18.7
183	11.6	9.1	13.7





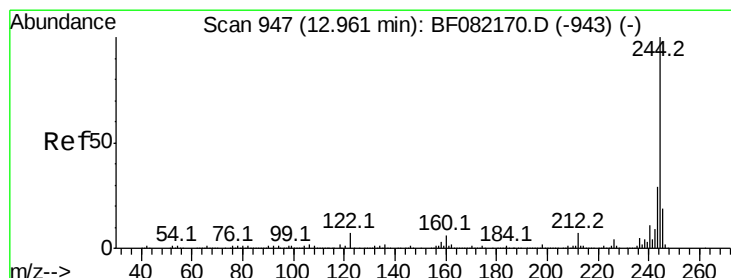
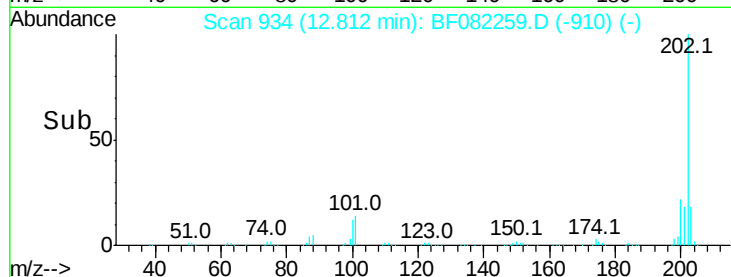
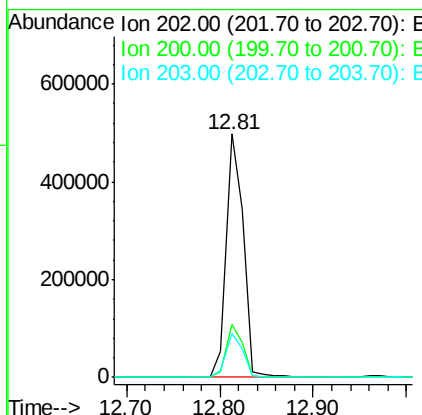
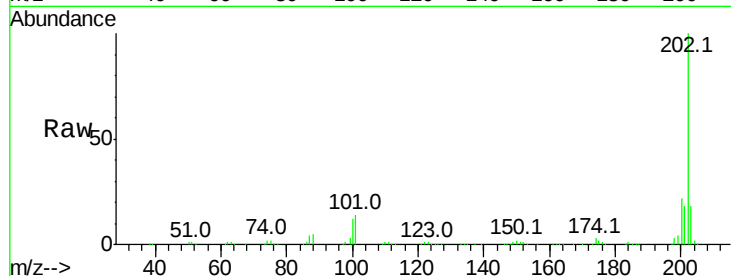
#77
Pvrene
Concen: 35.22 ng
RT: 12.81 min Scan# 934
Delta R.T. -0.02 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Instrument :
BNA_F
ClientSampleId :
PB86086BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.8	17.9	26.9
203	18.2	14.5	21.7

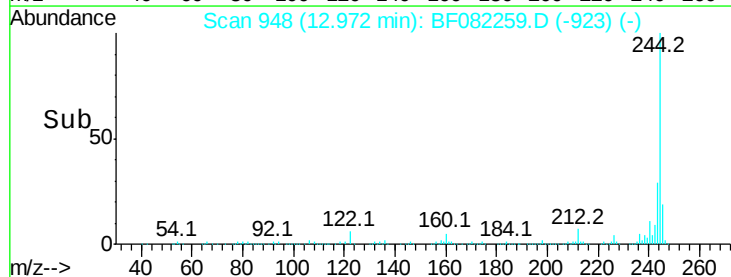
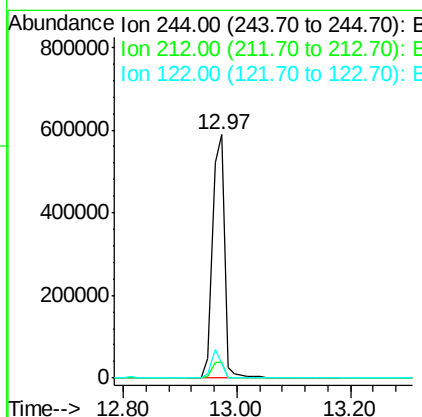
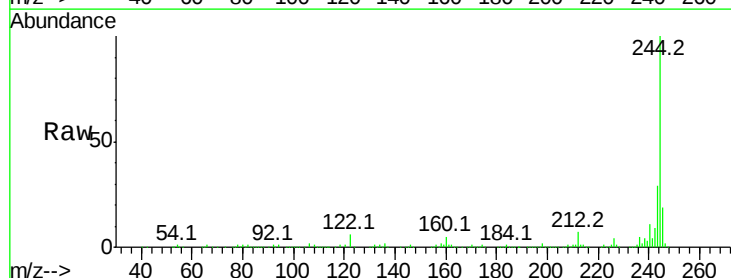
Manual Integrations
APPROVED

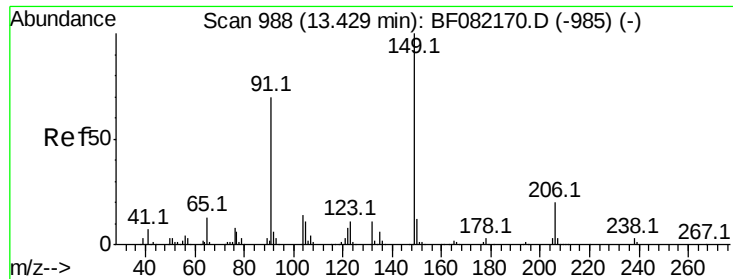
MMdadoda
10/14/2015 3:51:17 PM



#78
Terphenyl-d14
Concen: 73.77 ng
RT: 12.97 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.7	5.8	8.6
122	5.8	5.9	8.9#





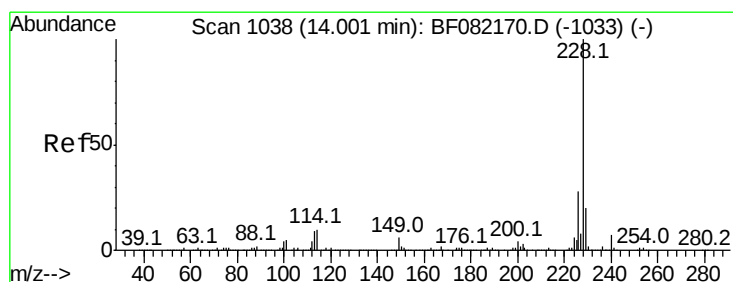
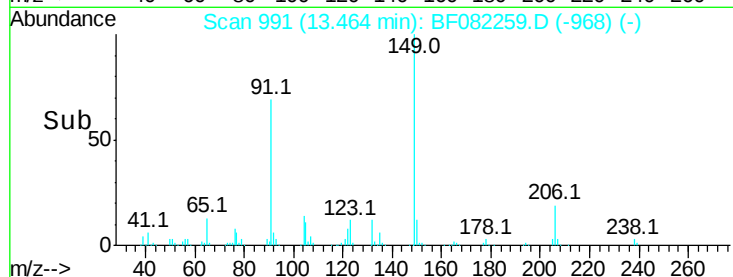
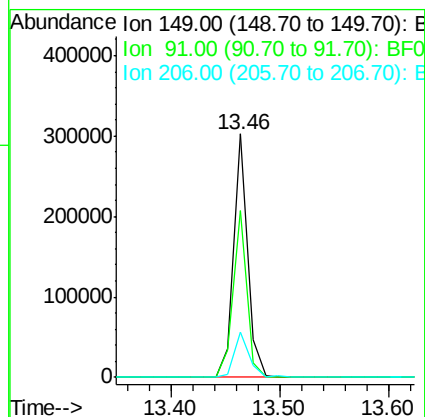
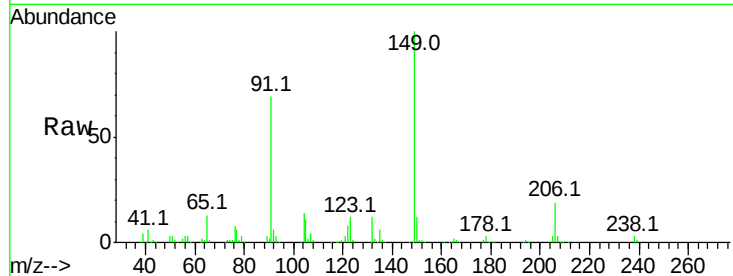
#79
Butylbenzylphthalate
Concen: 32.71 ng
RT: 13.46 min Scan# 991
Delta R.T. -0.03 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Instrument :
BNA_F
ClientSampleId :
PB86086BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	267905		
91	68.6		55.7	83.5
206	18.5		15.6	23.4

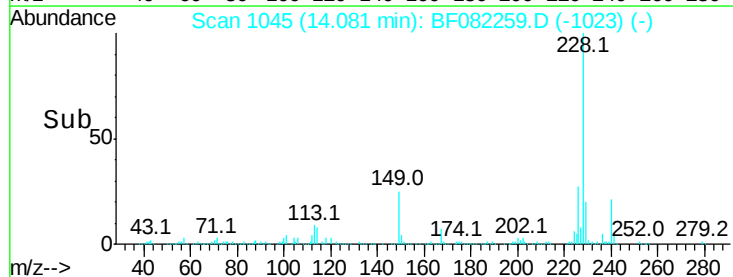
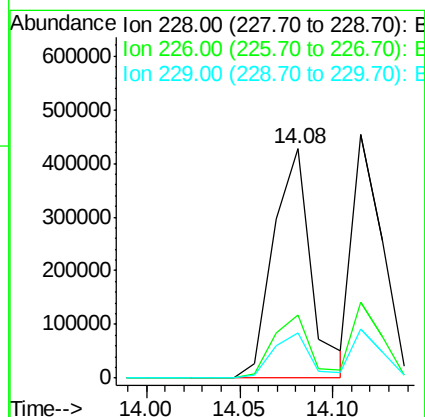
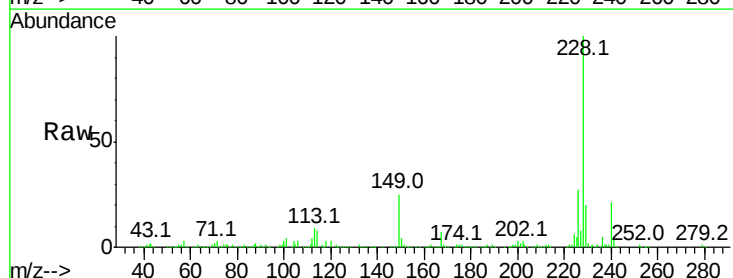
Manual Integrations
APPROVED

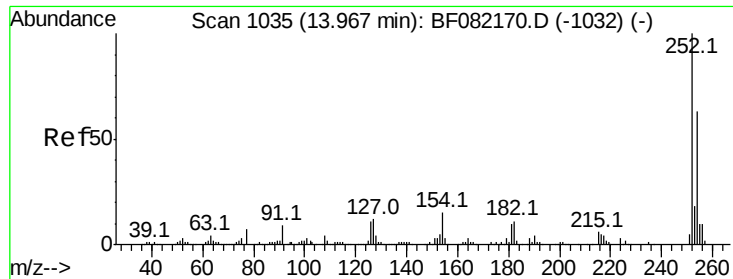
MMdadoda
10/14/2015 3:51:17 PM



#80
Benzo(a)anthracene
Concen: 38.07 ng
RT: 14.08 min Scan# 1045
Delta R.T. -0.05 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	599037		
226	27.5		22.3	33.5
229	19.8		16.2	24.2





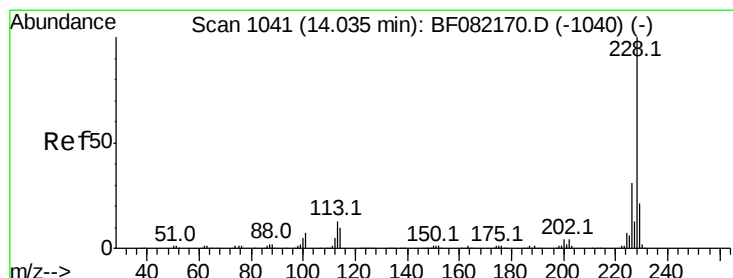
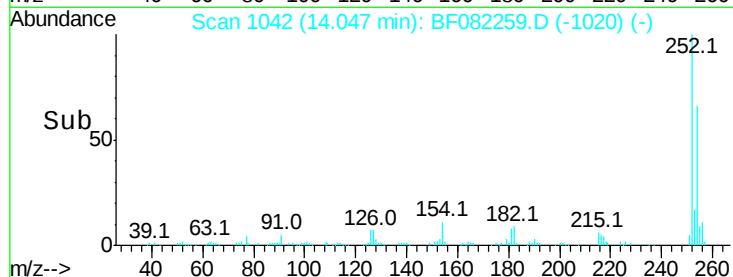
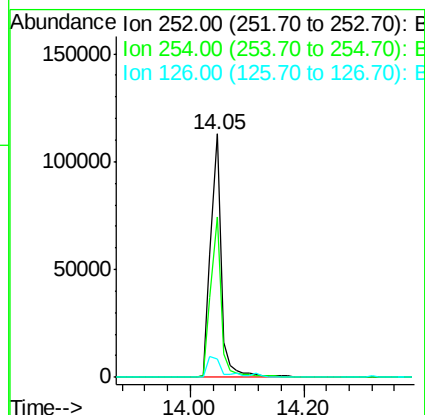
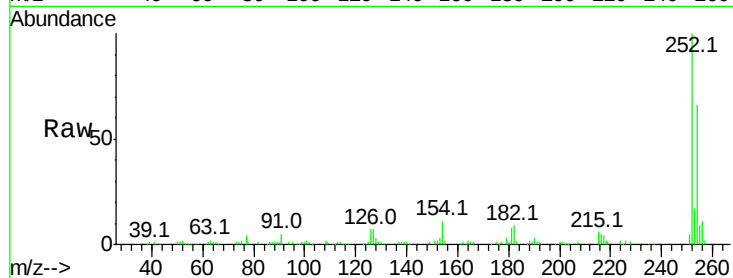
#81
 3,3'-Dichlorobenzidine
 Concen: 23.81 ng
 RT: 14.05 min Scan# 1042
 Delta R.T. -0.05 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86086BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	142236		
254	65.7	50.7	76.1	
126	7.4	9.0	13.6	

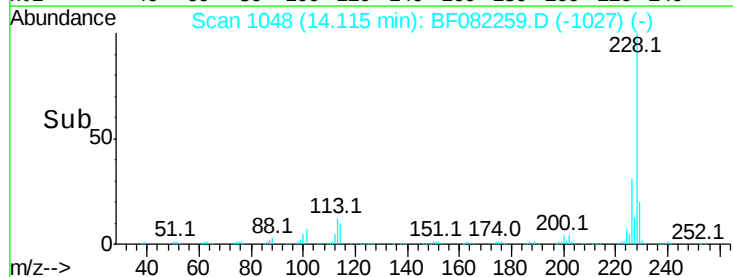
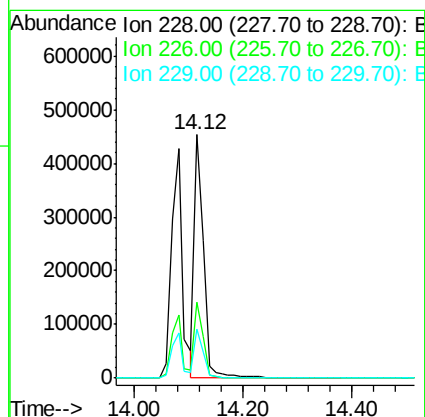
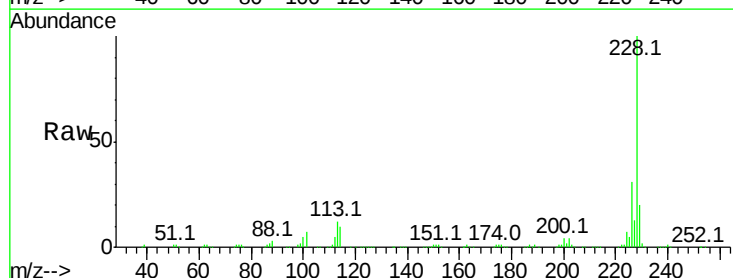
Manual Integrations
 APPROVED

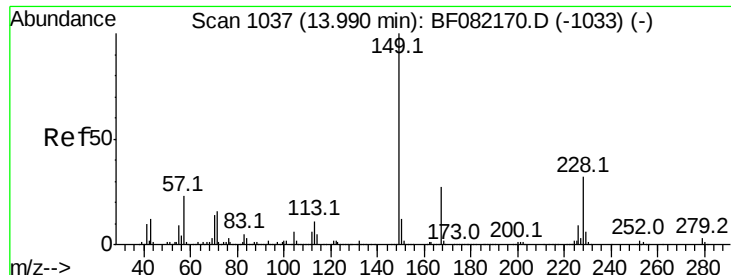
MMdadoda
 10/14/2015 3:51:17 PM



#82
 Chrysene
 Concen: 32.10 ng
 RT: 14.12 min Scan# 1048
 Delta R.T. -0.06 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	532165		
226	31.1	24.4	36.6	
229	20.2	16.3	24.5	





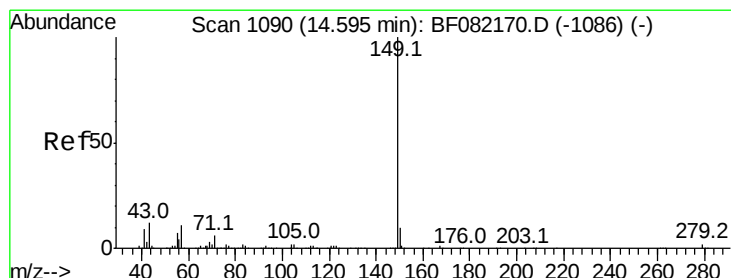
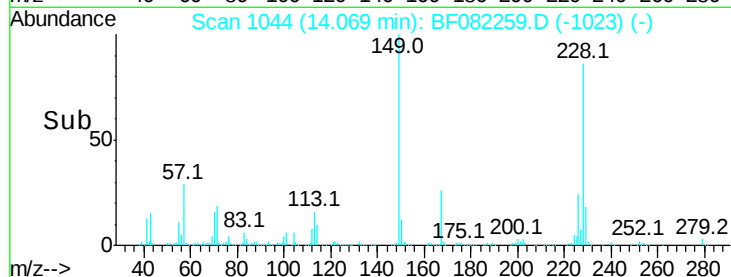
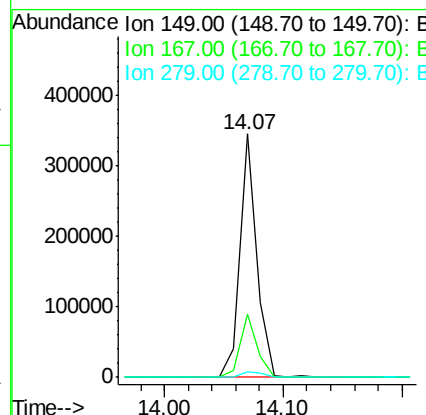
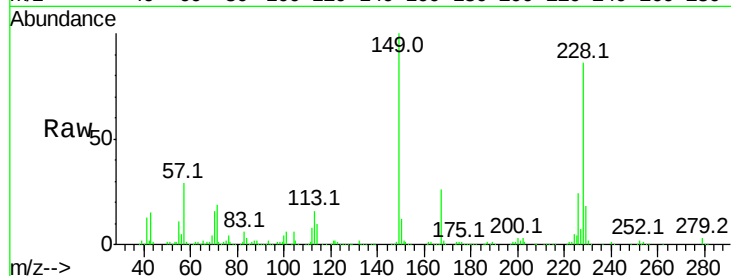
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 29.26 ng
 RT: 14.07 min Scan# 1044
 Delta R.T. -0.06 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86086BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	341907		
167	25.7	21.3	31.9	
279	2.5	2.6	4.0	

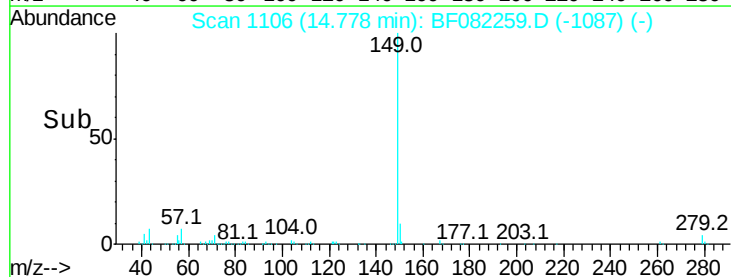
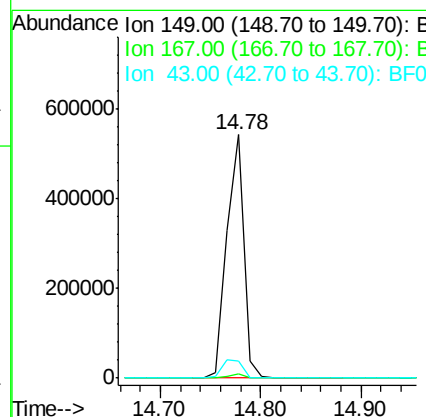
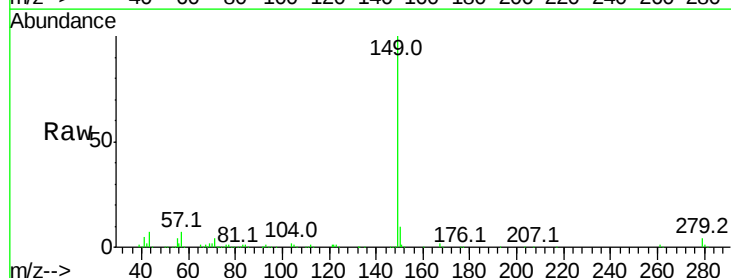
Manual Integrations
 APPROVED

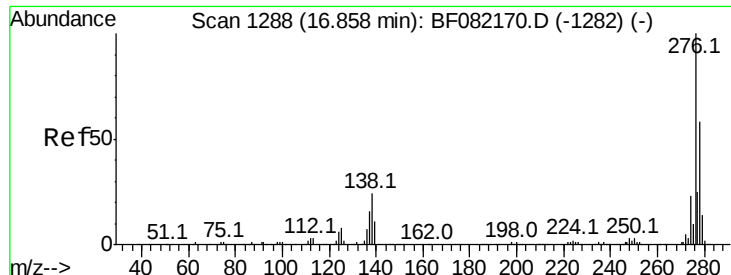
MMdadoda
 10/14/2015 3:51:17 PM



#84
 Di-n-octyl phthalate
 Concen: 31.79 ng
 RT: 14.78 min Scan# 1106
 Delta R.T. -0.08 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	637889		
167	1.5	1.3	1.9	
43	9.1	7.4	11.2	





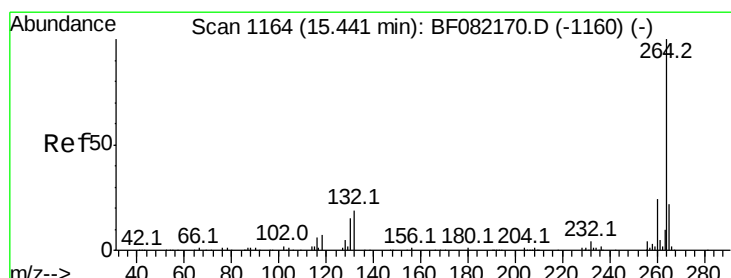
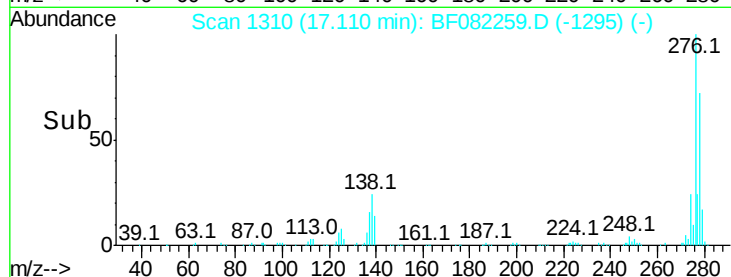
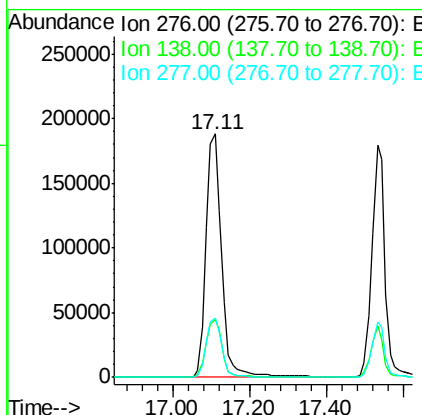
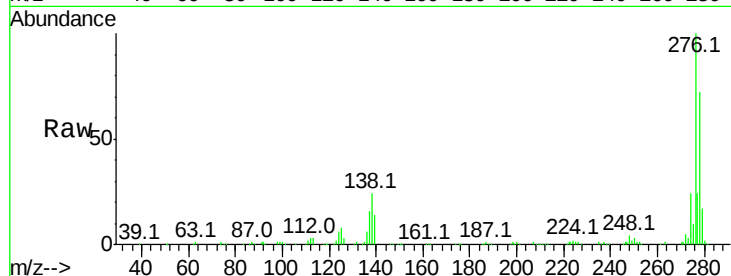
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.83 ng
 RT: 17.11 min Scan# 1310
 Delta R.T. -0.13 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86086BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.7	29.5
277	24.6	20.1	30.1

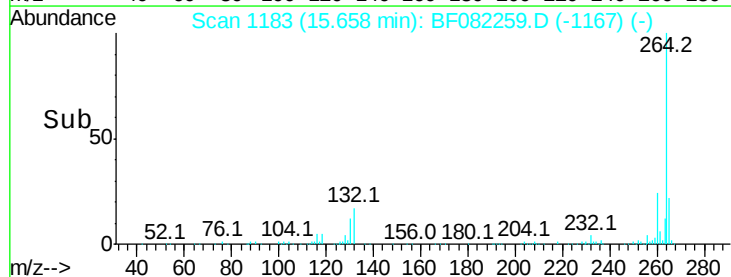
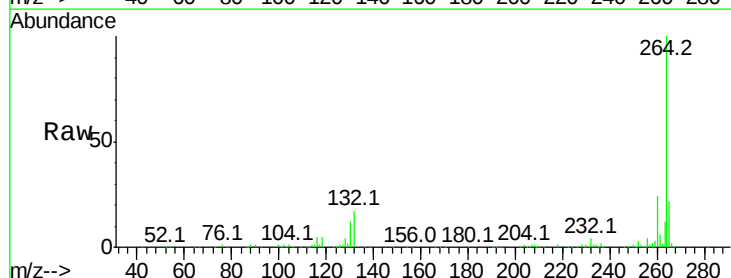
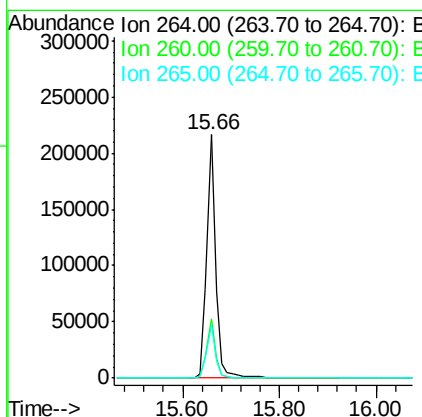
Manual Integrations
 APPROVED

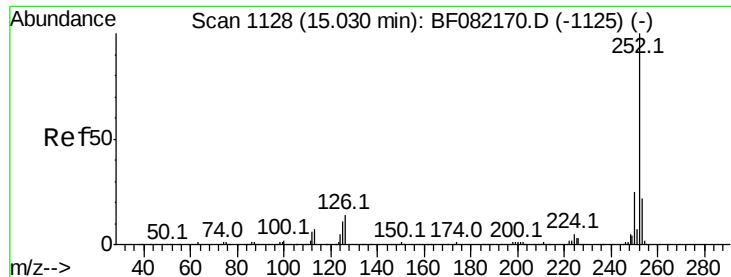
MMdadoda
 10/14/2015 3:51:17 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.66 min Scan# 1183
 Delta R.T. -0.11 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.6
265	21.7	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 32.58 ng

RT: 15.24 min Scan# 1146

Delta R.T. -0.10 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

Instrument :

BNA_F

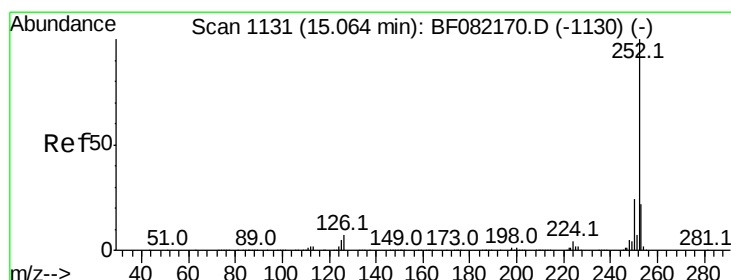
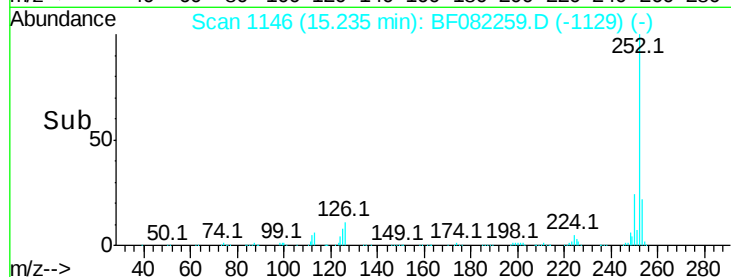
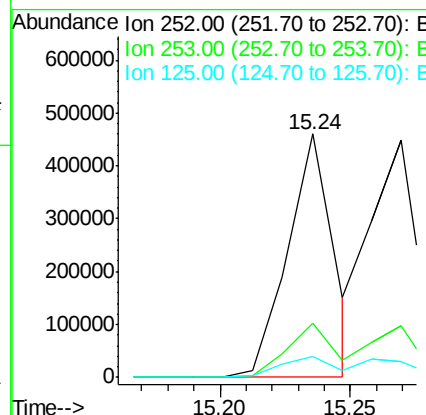
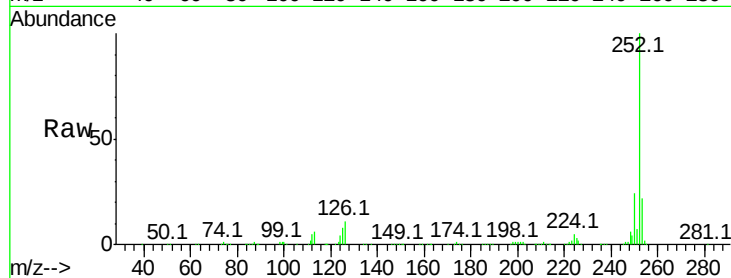
ClientSampleId :

PB86086BS

Manual Integrations
APPROVED

MMdadoda
10/14/2015 3:51:17 PM

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	8.5	8.6	12.8#



#88

Benzo(k)fluoranthene

Concen: 40.21 ng m

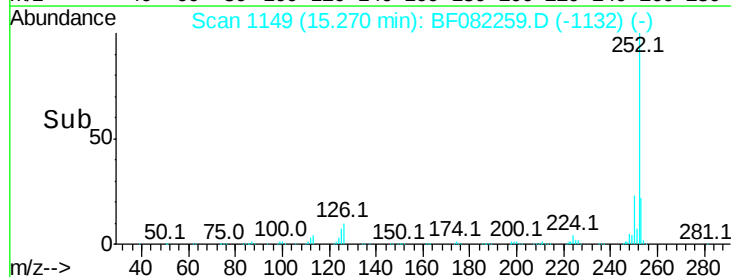
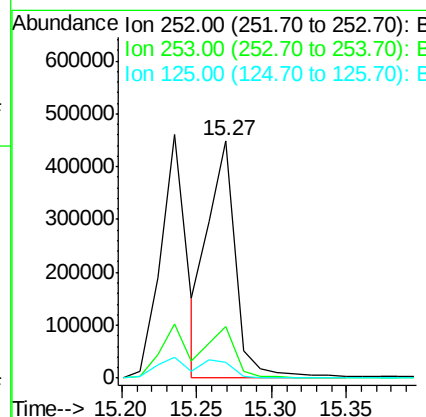
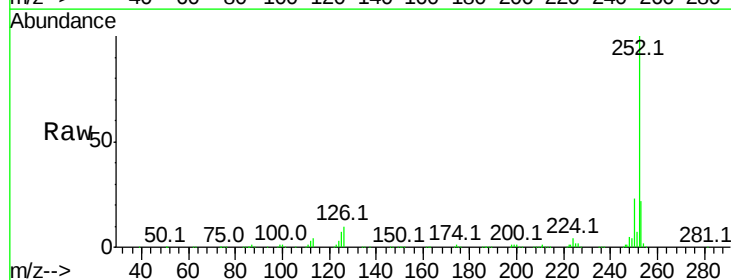
RT: 15.27 min Scan# 1149

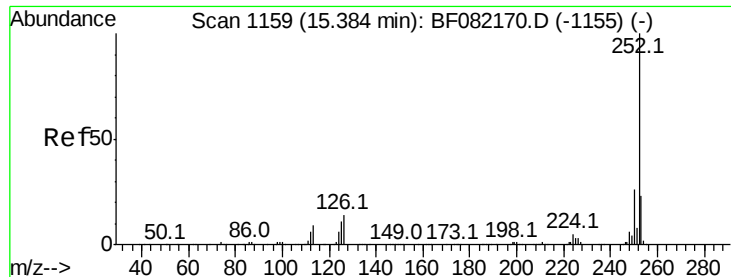
Delta R.T. -0.10 min

Lab File: BF082259.D

Acq: 13 Oct 2015 17:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	6.8	6.7	10.1





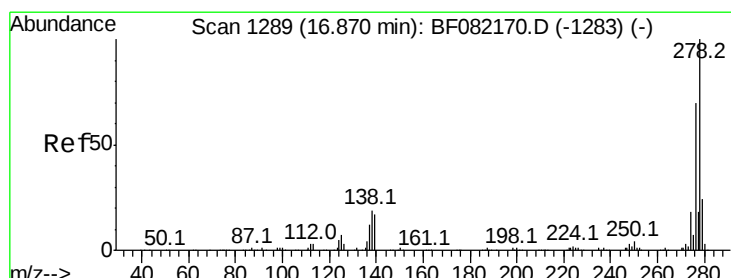
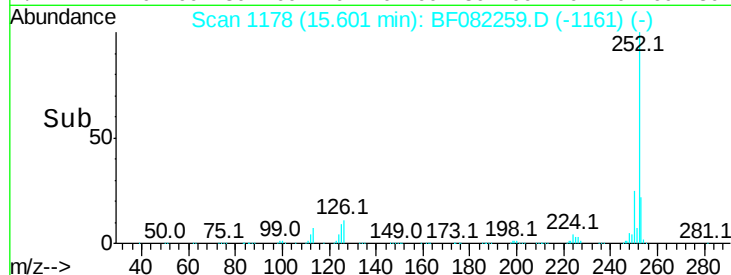
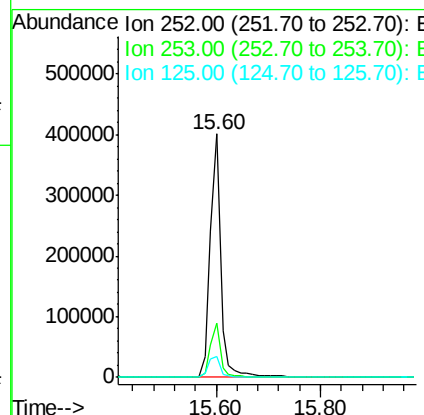
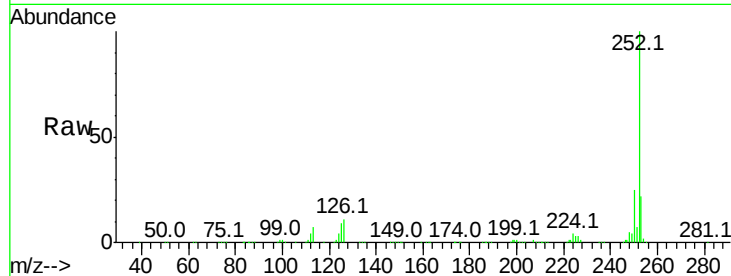
#89
Benzo(a)pyrene
Concen: 37.90 ng
RT: 15.60 min Scan# 1178
Delta R.T. -0.10 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Instrument :
BNA_F
ClientSampleId :
PB86086BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	8.6	8.9	13.3

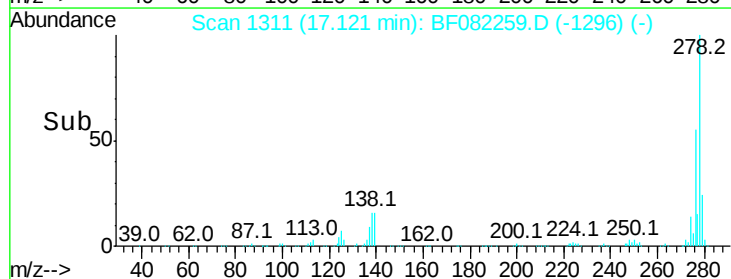
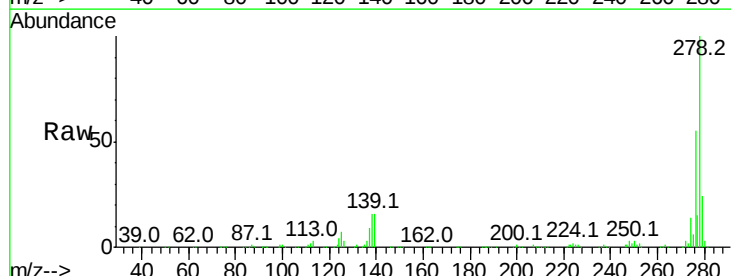
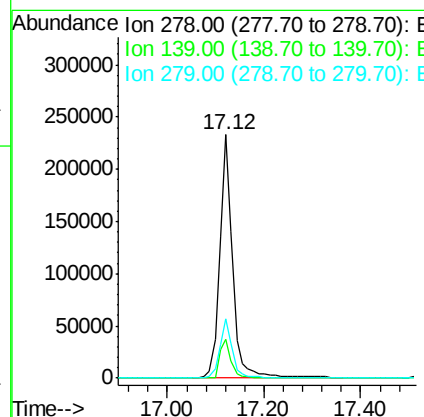
Manual Integrations
APPROVED

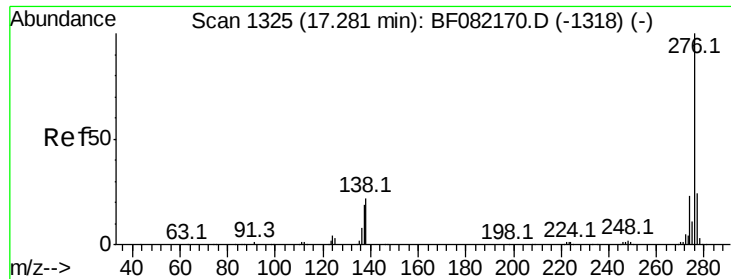
MMdadoda
10/14/2015 3:51:17 PM



#90
Dibenzo(a,h)anthracene
Concen: 36.89 ng
RT: 17.12 min Scan# 1311
Delta R.T. -0.13 min
Lab File: BF082259.D
Acq: 13 Oct 2015 17:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.3	19.9
279	24.1	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 36.93 ng
 RT: 17.53 min Scan# 1347
 Delta R.T. -0.14 min
 Lab File: BF082259.D
 Acq: 13 Oct 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86086BS

Tot Ion:	276	Resp:	433197
Ion Ratio	Lower	Upper	
276	100		
277	24.0	18.8	28.2
138	22.5	17.4	26.2

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:51:17 PM

