

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
 Data File : BF081046.D
 Acq On : 18 Aug 2015 17:03
 Operator : UM/IZ
 Sample : PB85041BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85041BSD

Manual Integrations
 APPROVED

MMDadoda
 8/19/2015 2:17:35 PM

Quant Time: Aug 19 12:15:44 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	56266	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	246335	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	111935	20.00	ng	-0.01
63) Phenanthrene-d10	11.11	188	226792	20.00	ng	-0.02
75) Chrysene-d12	13.74	240	202978	20.00	ng	-0.01
86) Perylene-d12	15.07	264	173835	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	290152	77.56	ng	0.00
7) Phenol-d6	6.25	99	382702	78.41	ng	-0.01
23) Nitrobenzene-d5	7.18	82	334174	61.97	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	67099	69.15	ng	-0.02
44) 2-Fluorobiphenyl	8.97	172	559405	65.48	ng	-0.02
78) Terphenyl-d14	12.70	244	612047	64.64	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.08	88	49272	27.95	ng	93
3) Pyridine	2.71	79	167564	33.68	ng	# 83
4) n-Nitrosodimethylamine	2.66	42	89863	32.44	ng	83
6) Aniline	6.26	93	179139	25.24	ng	# 41
8) 2-Chlorophenol	6.39	128	151615	37.03	ng	99
9) Benzaldehyde	6.15	77	92419	29.37	ng	91
10) Phenol	6.27	94	211406	36.67	ng	80
11) bis(2-Chloroethyl)ether	6.35	93	177636	40.16	ng	97
12) 1,3-Dichlorobenzene	6.55	146	161377	36.68	ng	99
13) 1,4-Dichlorobenzene	6.63	146	159510	36.61	ng	99
14) 1,2-Dichlorobenzene	6.78	146	146892	36.03	ng	97
15) Benzyl Alcohol	6.76	79	160973	40.76	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.90	45	321030	36.94	ng	99
17) 2-Methylphenol	6.88	107	124561	35.45	ng	97
18) Hexachloroethane	7.12	117	62243	35.36	ng	99
19) n-Nitroso-di-n-propylamine	7.04	70	125454	37.10	ng	91
20) 3+4-Methylphenols	7.04	107	167257	37.51	ng	# 49
22) Acetophenone	7.03	105	225755	34.91	ng	# 89
24) Nitrobenzene	7.20	77	203298	36.06	ng	98
25) Isophorone	7.44	82	331894	33.00	ng	99
26) 2-Nitrophenol	7.52	139	85483	36.46	ng	# 66
27) 2,4-Dimethylphenol	7.56	122	144600	34.86	ng	93
28) bis(2-Chloroethoxy)methane	7.66	93	201011	33.84	ng	100
29) 2,4-Dichlorophenol	7.76	162	126373	36.19	ng	91
30) 1,2,4-Trichlorobenzene	7.84	180	126824	32.67	ng	97
31) Naphthalene	7.92	128	474842	34.58	ng	99
32) Benzoic acid	7.70	122	105816	45.35	ng	93
33) 4-Chloroaniline	7.98	127	99964	17.25	ng	# 83
34) Hexachlorobutadiene	8.04	225	77186	35.17	ng	96
35) Caprolactam	8.34	113	45194m	37.03	ng	
36) 4-Chloro-3-methylphenol	8.47	107	161403	38.78	ng	89
37) 2-Methylnaphthalene	8.60	142	288800	33.30	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	132374	36.65	ng	98
40) Hexachlorocyclopentadiene	8.76	237	151362	80.97	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
 Data File : BF081046.D
 Acq On : 18 Aug 2015 17:03
 Operator : UM/IZ
 Sample : PB85041BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85041BSD

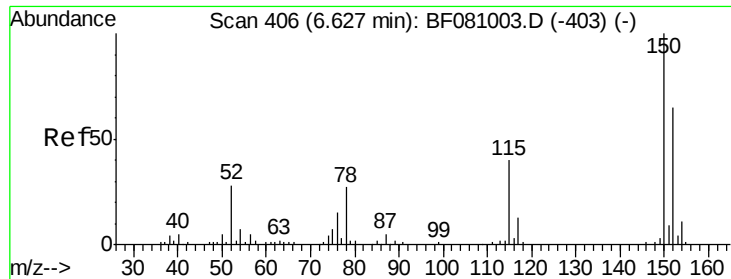
Manual Integrations
 APPROVED

MMDadoda
 8/19/2015 2:17:35 PM

Quant Time: Aug 19 12:15:44 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	101633	39.83	nq	99
43) 2,4,5-Trichlorophenol	8.92	196	88445	34.69	nq #	86
45) 1,1'-Biphenyl	9.07	154	402517	40.82	nq	97
46) 2-Chloronaphthalene	9.10	162	280323	35.39	nq	99
47) 2-Nitroaniline	9.19	65	103123	31.81	nq	98
48) Acenaphthylene	9.51	152	460716	32.52	nq	100
49) Dimethylphthalate	9.38	163	333756	36.20	nq	100
50) 2,6-Dinitrotoluene	9.44	165	76356	38.58	nq #	87
51) Acenaphthene	9.68	154	294322	34.70	nq	99
52) 3-Nitroaniline	9.60	138	57700	23.30	nq	96
53) 2,4-Dinitrophenol	9.71	184	96838	86.07	nq #	66
54) Dibenzofuran	9.85	168	422911	37.21	nq	99
55) 4-Nitrophenol	9.78	139	145587	83.69	nq #	53
56) 2,4-Dinitrotoluene	9.84	165	101080	38.53	nq #	81
57) Fluorene	10.18	166	286495	32.76	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.96	232	75751m	38.38	nq	
59) Diethylphthalate	10.08	149	385129	39.47	nq	97
60) 4-Chlorophenyl-phenylether	10.18	204	141934	38.36	nq	99
61) 4-Nitroaniline	10.22	138	91825	36.27	nq	92
62) Azobenzene	10.34	77	453357	40.32	nq	96
64) 4,6-Dinitro-2-methylphenol	10.24	198	51033	37.68	nq	96
65) n-Nitrosodiphenylamine	10.31	169	308271	38.08	nq	100
66) 4-Bromophenyl-phenylether	10.67	248	88149	39.57	nq	98
67) Hexachlorobenzene	10.73	284	88142	39.06	nq	98
68) Atrazine	10.83	200	91628	40.62	nq	98
69) Pentachlorophenol	10.92	266	103868	76.72	nq	99
70) Phenanthrene	11.14	178	469276	34.91	nq	99
71) Anthracene	11.19	178	484577	37.05	nq	100
72) Carbazole	11.35	167	520876	41.36	nq	100
73) Di-n-butylphthalate	11.69	149	624953	41.01	nq	99
74) Fluoranthene	12.32	202	549530	37.89	nq	99
76) Benzidine	12.44	184	294588	38.42	nq	99
77) Pyrene	12.54	202	507222	30.74	nq	99
79) Butylbenzylphthalate	13.18	149	295502	41.66	nq #	77
80) Benzo(a)anthracene	13.73	228	501255	36.82	nq	99
81) 3,3'-Dichlorobenzidine	13.69	252	93876	21.29	nq	99
82) Chrysene	13.76	228	444787	36.26	nq	99
83) Bis(2-ethylhexyl)phthalate	13.74	149	403013	44.36	nq #	97
84) Di-n-octyl phthalate	14.34	149	707583	51.24	nq	98
85) Indeno(1,2,3-cd)pyrene	16.30	276	389795	45.26	nq #	93
87) Benzo(b)fluoranthene	14.72	252	502274m	40.85	nq	
88) Benzo(k)fluoranthene	14.74	252	337300m	29.44	nq	
89) Benzo(a)pyrene	15.03	252	416441	38.87	nq	97
90) Dibenzo(a,h)anthracene	16.32	278	327733	39.26	nq	98
91) Benzo(g,h,i)perylene	16.66	276	315183	37.21	nq #	89

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



#1

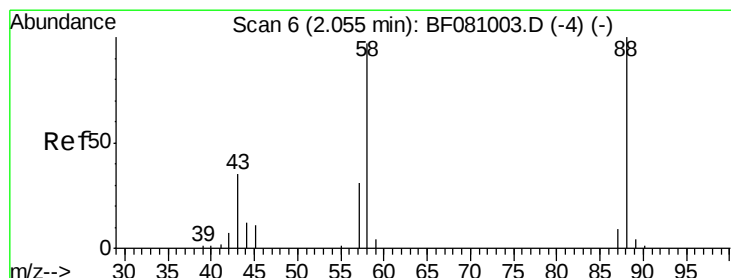
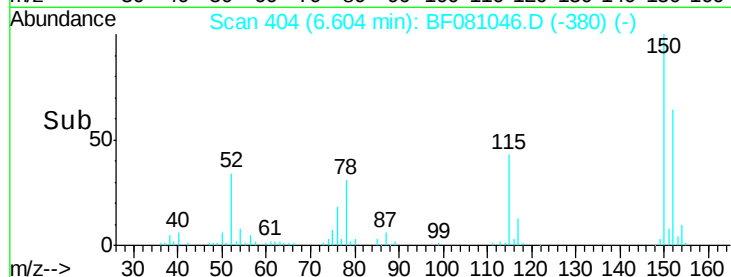
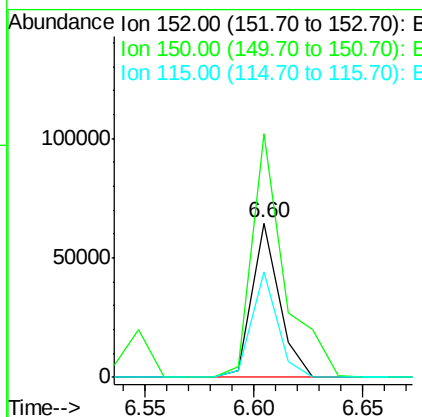
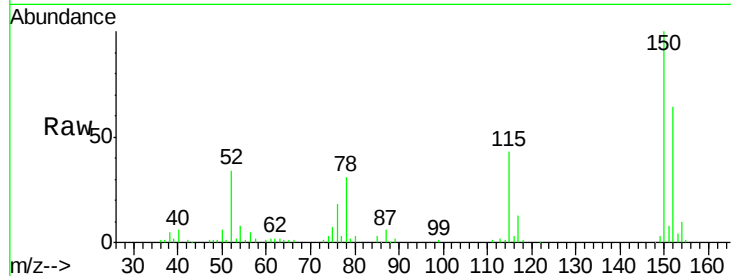
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 404
Delta R.T. -0.02 min
Lab File: BF081046.D
Acq: 18 Aug 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB85041BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	123.8	185.6
115	67.8	52.1	78.1

Manual Integrations
APPROVED

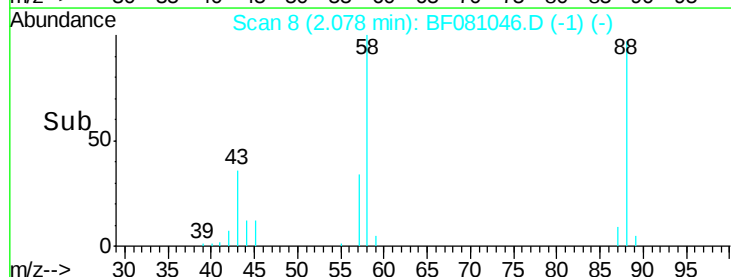
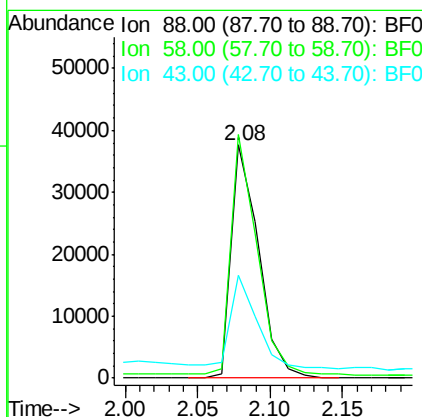
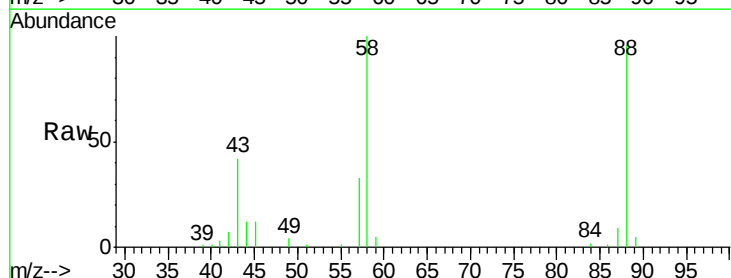
MMDadoda
8/19/2015 2:17:35 PM

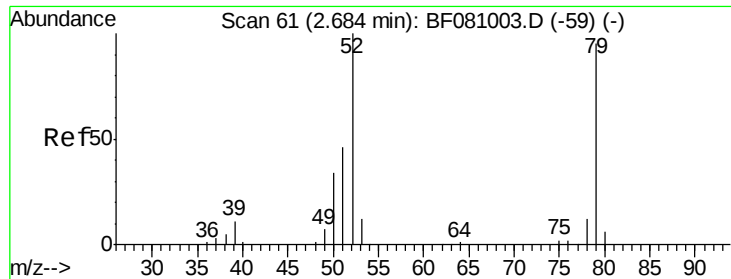


#2

1,4-Dioxane
Concen: 27.95 ng
RT: 2.08 min Scan# 8
Delta R.T. 0.02 min
Lab File: BF081046.D
Acq: 18 Aug 2015 17:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.0	83.7	125.5
43	40.7	37.5	56.3





#3

Pvridine

Concen: 33.68 ng

RT: 2.71 min Scan# 63

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

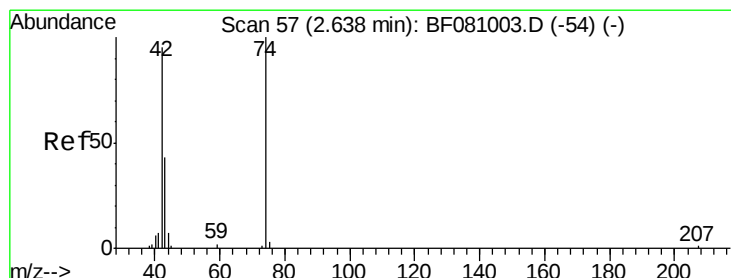
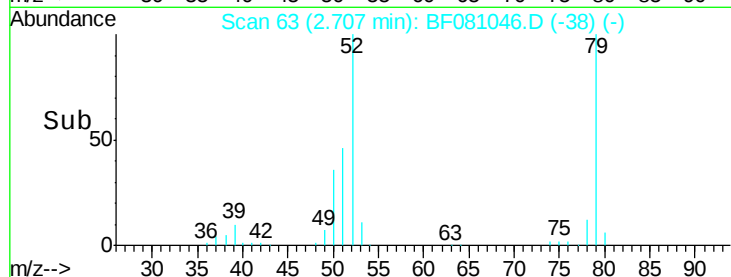
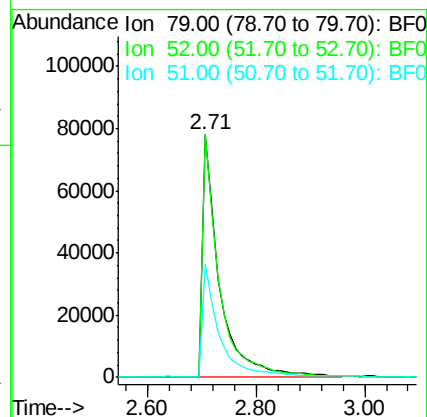
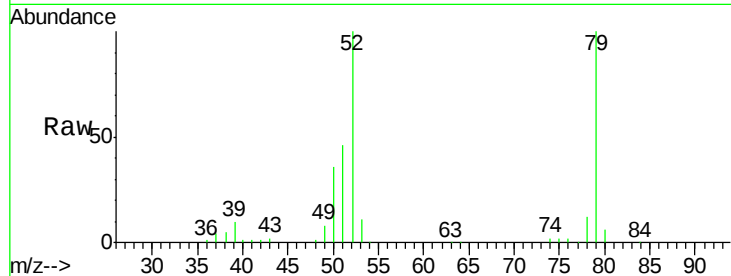
ClientSampleId :

PB85041BSD

Tot Ion:	79	Resp:	167564
Ion Ratio	Lower	Upper	
79	100		
52	100.2	95.1	142.7
51	46.6	46.6	70.0#

Manual Integrations
APPROVED

MMDadoda
8/19/2015 2:17:35 PM



#4

n-Nitrosodimethylamine

Concen: 32.44 ng

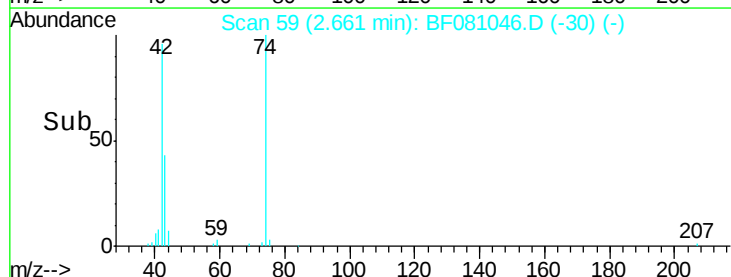
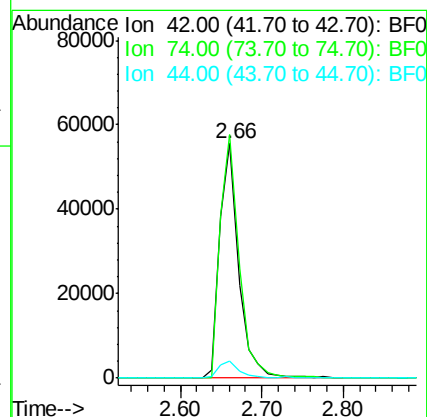
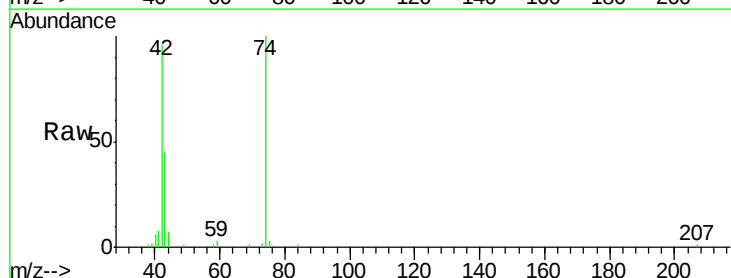
RT: 2.66 min Scan# 59

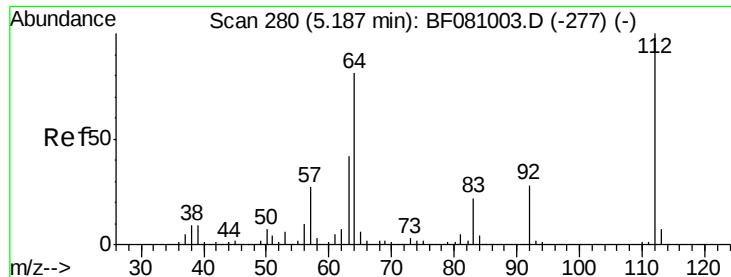
Delta R.T. 0.03 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Tgt Ion:	42	Resp:	89863
Ion Ratio	Lower	Upper	
42	100		
74	103.8	69.3	103.9
44	7.4	5.5	8.3





#5

2-Fluorophenol

Concen: 77.56 ng

RT: 5.19 min Scan# 280

Delta R.T. -0.00 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

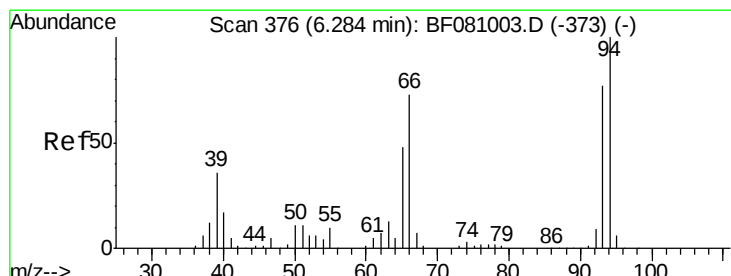
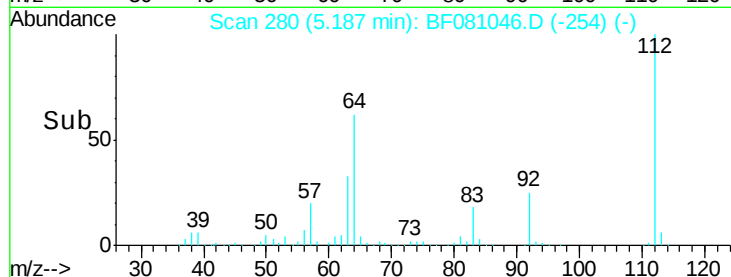
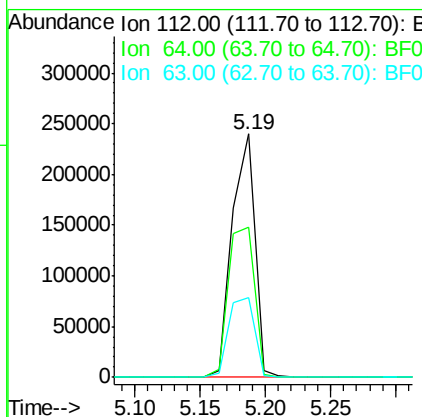
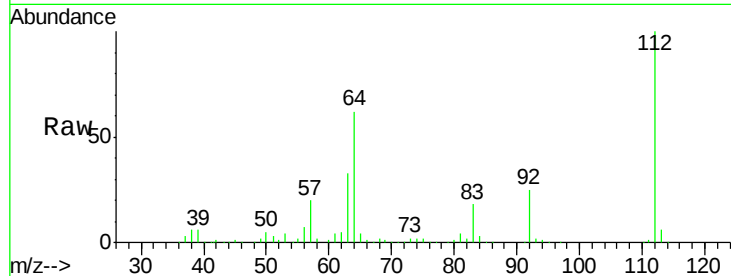
ClientSampleId :

PB85041BSD

Tot Ion:	112	Resp:	290152
Ion Ratio		Lower	Upper
112	100		
64	61.9	66.9	100.3#
63	33.0	38.1	57.1#

Manual Integrations
APPROVED

MMDadoda
8/19/2015 2:17:35 PM



#6

Aniline

Concen: 25.24 ng

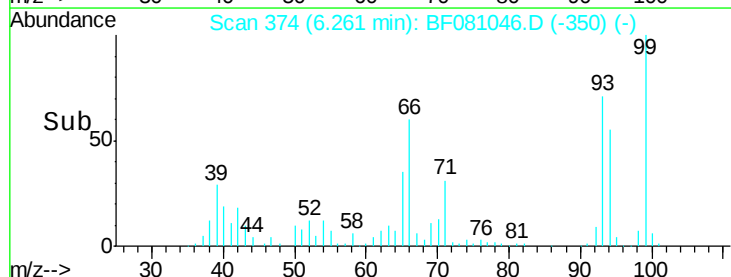
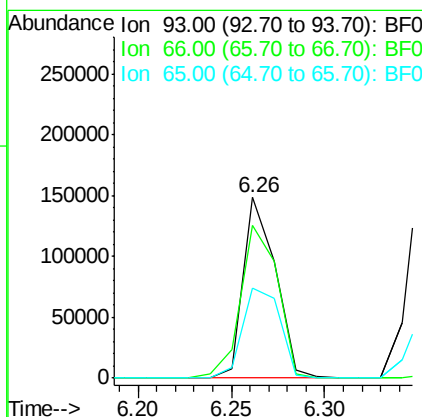
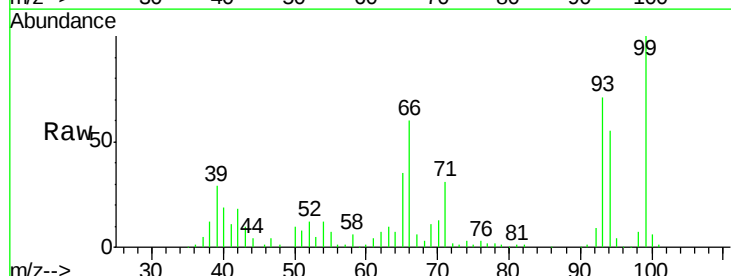
RT: 6.26 min Scan# 374

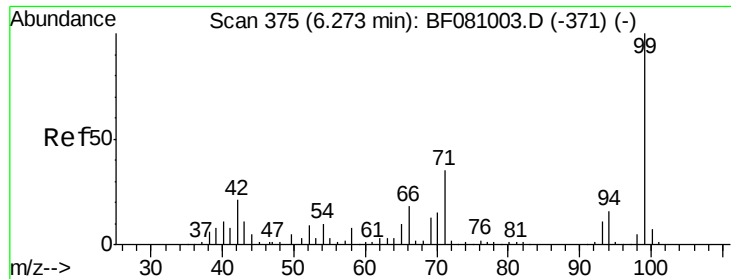
Delta R.T. -0.02 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Tgt Ion:	93	Resp:	179139
Ion Ratio		Lower	Upper
93	100		
66	84.6	35.6	53.4#
65	49.9	18.7	28.1#





#7

Phenol-d6

Concen: 78.41 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

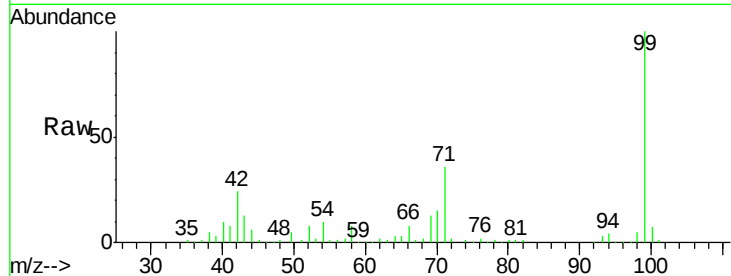
ClientSampleId :

PB85041BSD

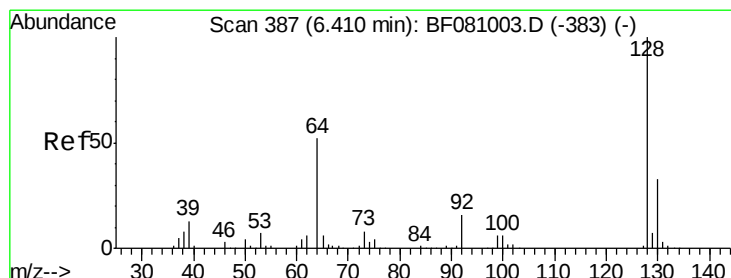
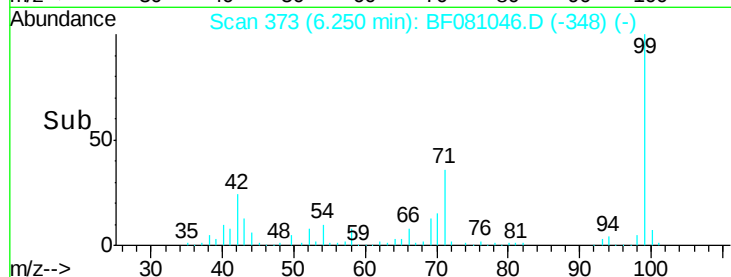
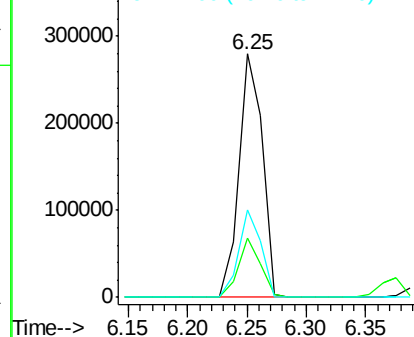
Tot Ion:	99	Resp:	382702
Ion Ratio	Lower	Upper	
99	100		
42	24.5	19.6	29.4
71	35.8	31.2	46.8

Manual Integrations
APPROVED

MMDadoda
8/19/2015 2:17:35 PM



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



#8

2-Chlorophenol

Concen: 37.03 ng

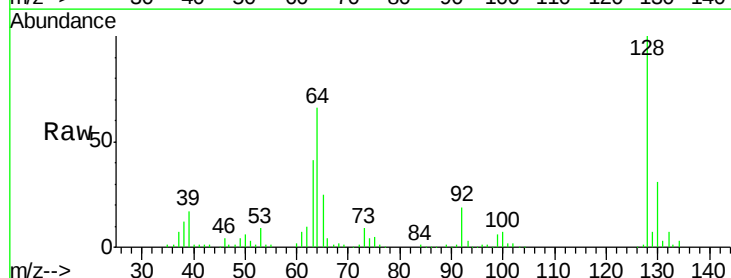
RT: 6.39 min Scan# 385

Delta R.T. -0.01 min

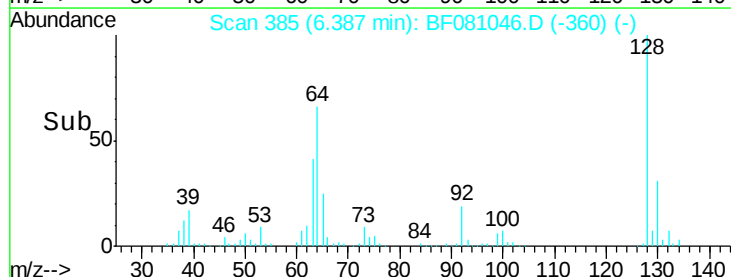
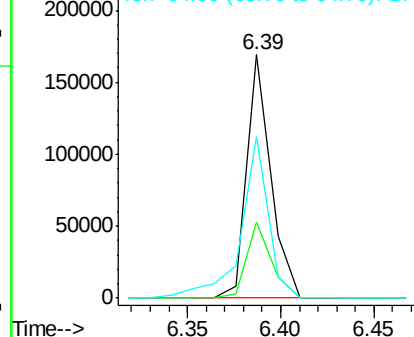
Lab File: BF081046.D

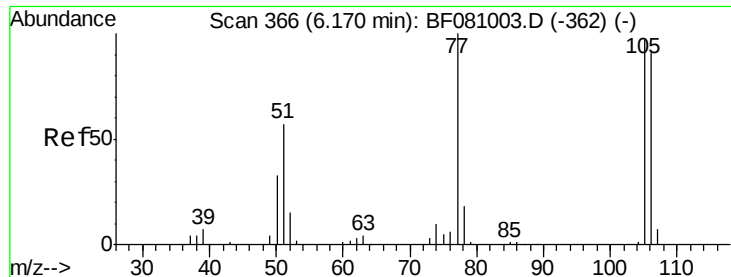
Acq: 18 Aug 2015 17:03

Tgt Ion:	128	Resp:	151615
Ion Ratio	Lower	Upper	
128	100		
130	31.4	12.5	52.5
64	66.3	46.8	86.8



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





#9

Benzaldehyde

Concen: 29.37 ng

RT: 6.15 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

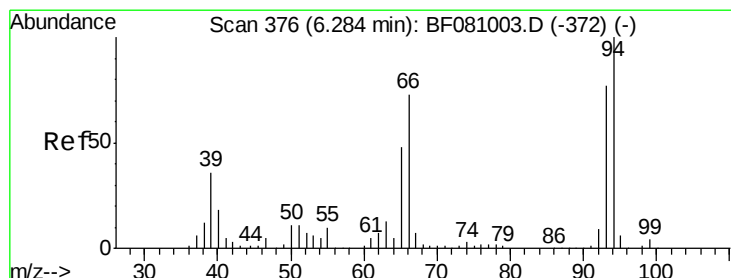
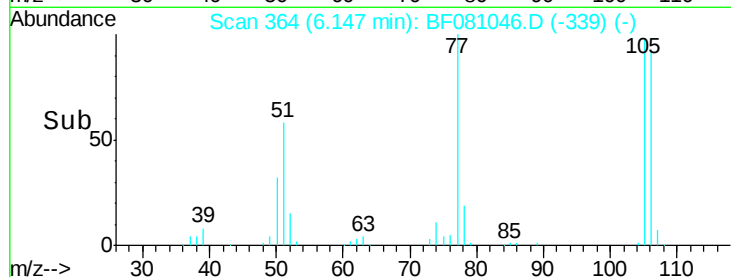
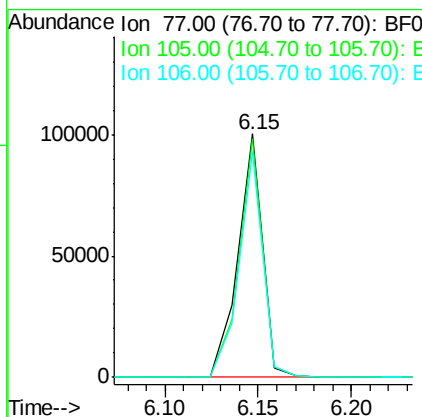
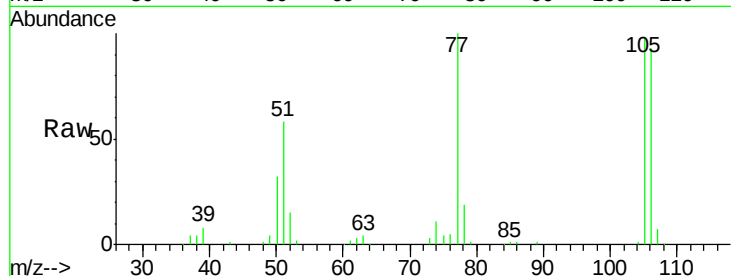
ClientSampleId :

PB85041BSD

Manual Integrations
APPROVED

MMDadoda
8/19/2015 2:17:35 PM

Tot Ion:	77	Resp:	92419
Ion	Ratio	Lower	Upper
77	100		
105	97.7	69.6	109.6
106	92.8	64.0	104.0



#10

Phenol

Concen: 36.67 ng

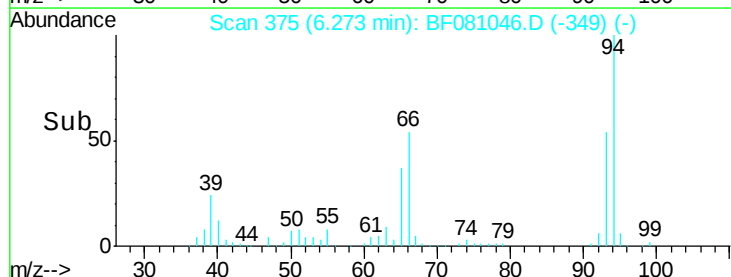
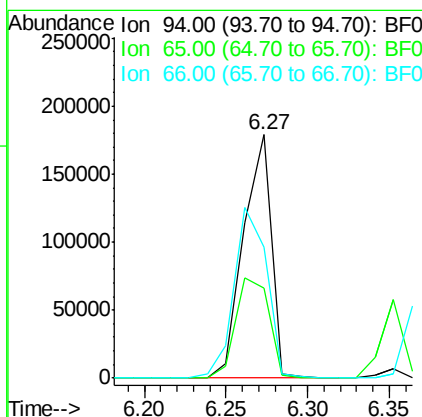
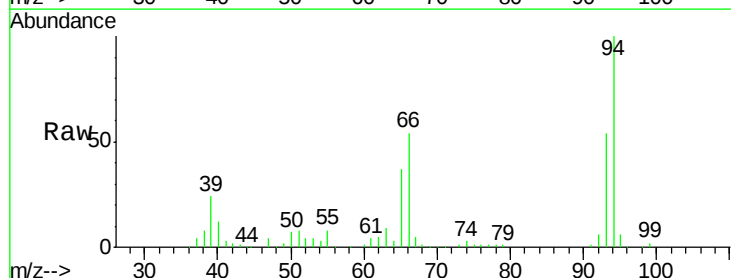
RT: 6.27 min Scan# 375

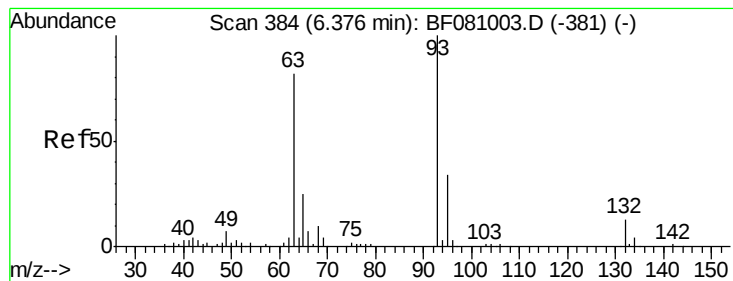
Delta R.T. -0.00 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Tgt Ion:	94	Resp:	211406
Ion	Ratio	Lower	Upper
94	100		
65	36.8	28.4	68.4
66	53.6	52.3	92.3





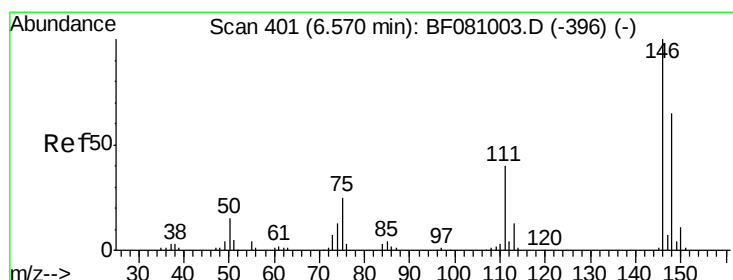
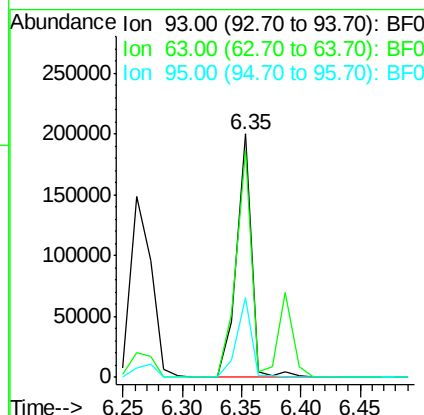
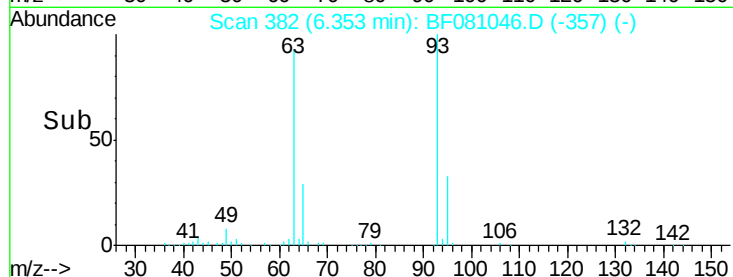
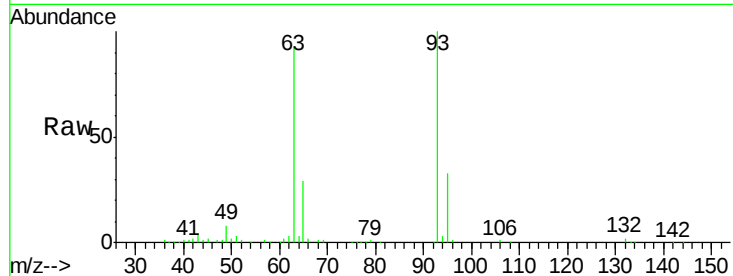
#11
bis(2-Chloroethyl)ether
Concen: 40.16 ng
RT: 6.35 min Scan# 382
Delta R.T. -0.01 min
Lab File: BF081046.D
Acq: 18 Aug 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB85041BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	177636		
63	93.1	69.6	109.6	
95	32.8	12.3	52.3	

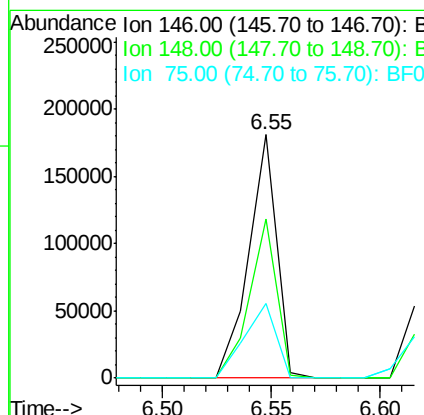
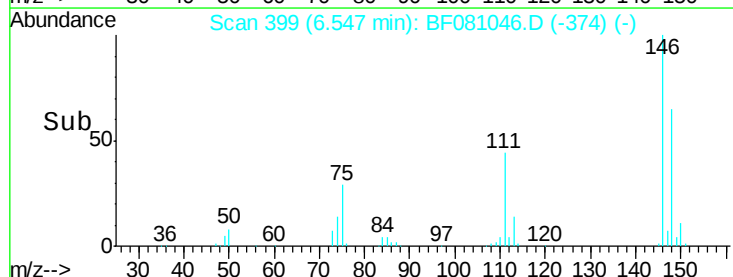
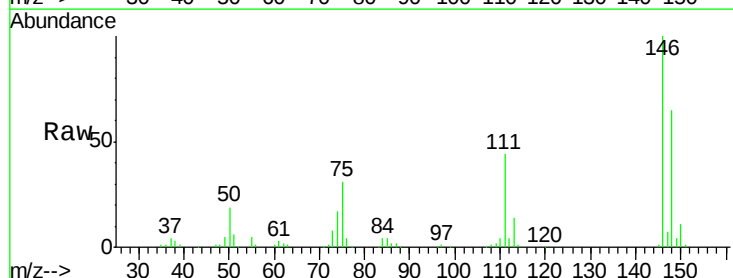
Manual Integrations
APPROVED

MMDadoda
8/19/2015 2:17:35 PM



#12
1,3-Dichlorobenzene
Concen: 36.68 ng
RT: 6.55 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF081046.D
Acq: 18 Aug 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	161377		
148	65.5	53.3	79.9	
75	30.5	25.0	37.6	





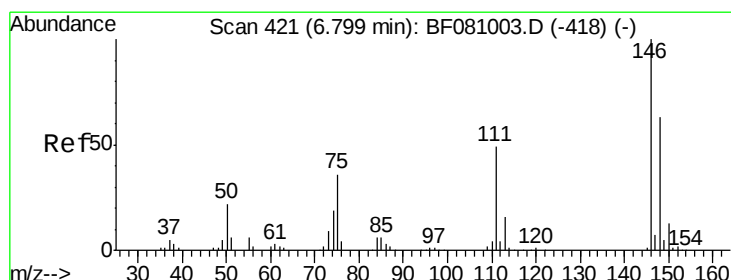
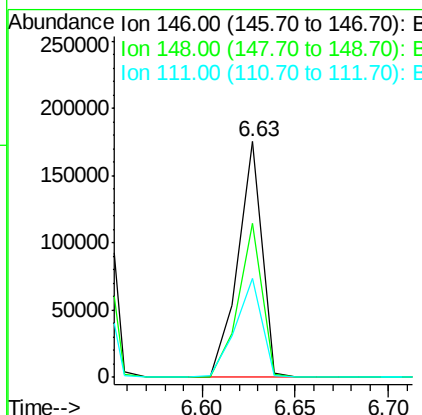
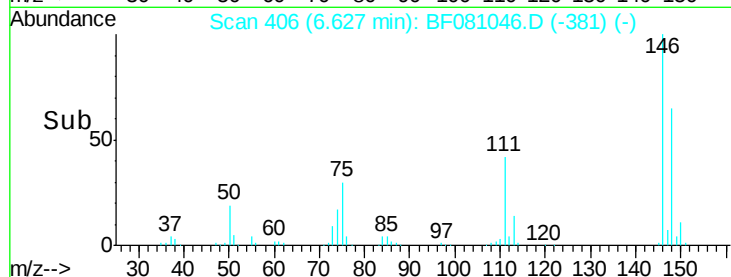
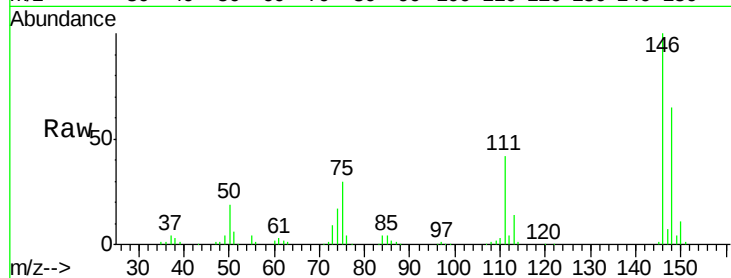
#13
 1,4-Dichlorobenzene
 Concen: 36.61 ng
 RT: 6.63 min Scan# 406
 Delta R.T. -0.01 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB85041BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.3	78.5
111	41.7	34.4	51.6

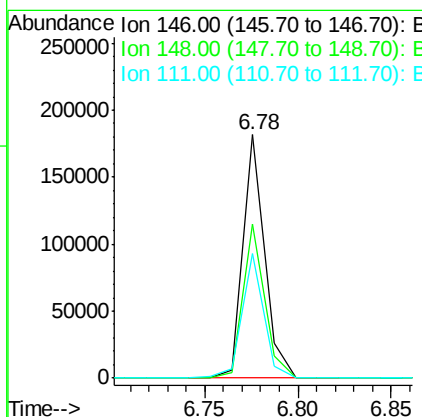
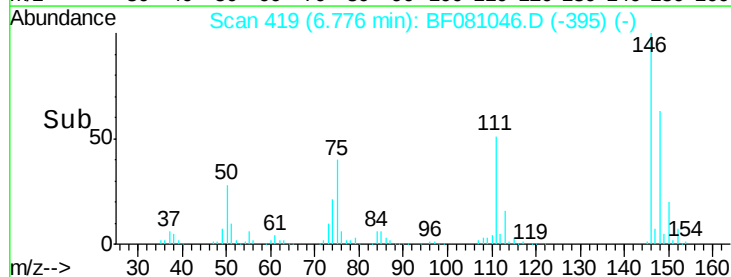
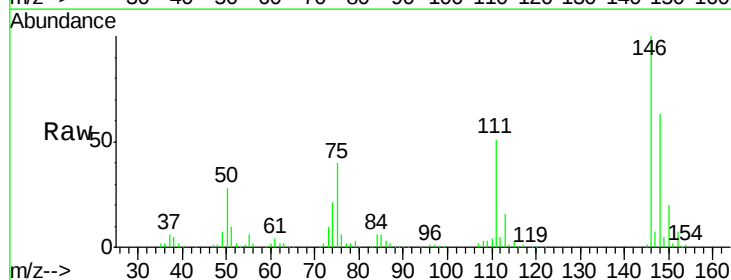
Manual Integrations
 APPROVED

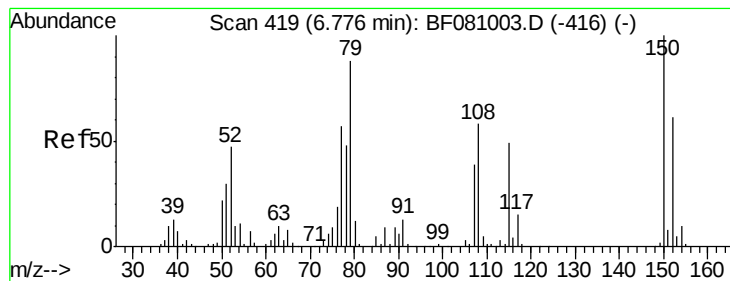
MMDadoda
 8/19/2015 2:17:35 PM



#14
 1,2-Dichlorobenzene
 Concen: 36.03 ng
 RT: 6.78 min Scan# 419
 Delta R.T. -0.02 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	48.7	73.1
111	51.2	42.3	63.5





#15

Benzyl Alcohol

Concen: 40.76 ng

RT: 6.76 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

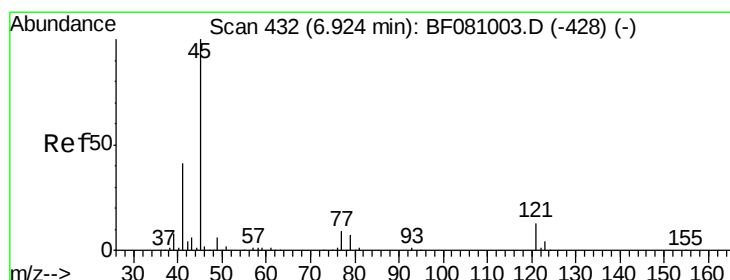
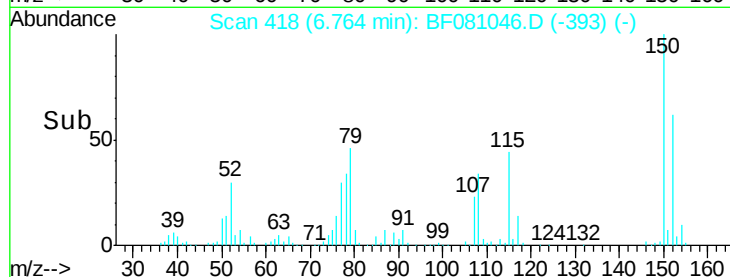
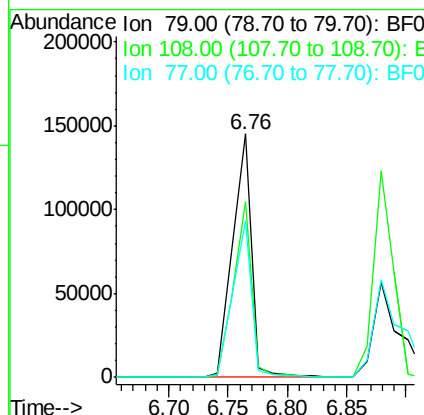
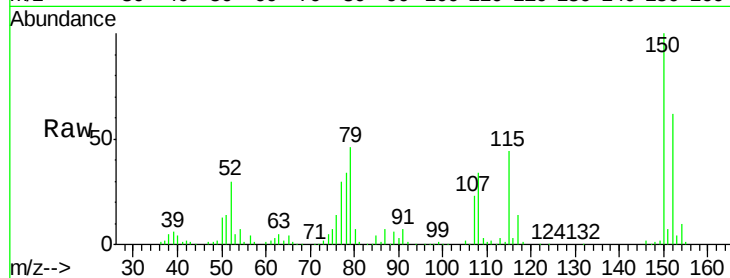
ClientSampleId :

PB85041BSD

Tot Ion:	79	Resp:	160973
Ion Ratio	Lower	Upper	
79	100		
108	72.2	49.4	74.2
77	64.5	51.4	77.0

Manual Integrations
APPROVED

MMDadoda
8/19/2015 2:17:35 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.94 ng

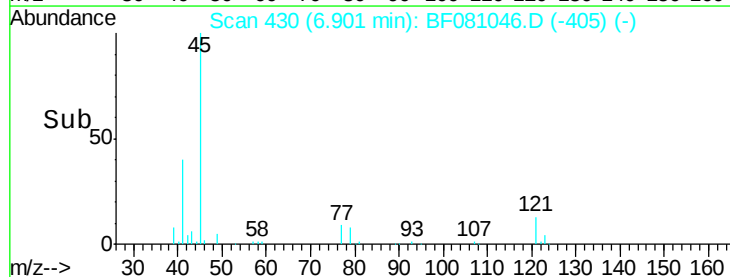
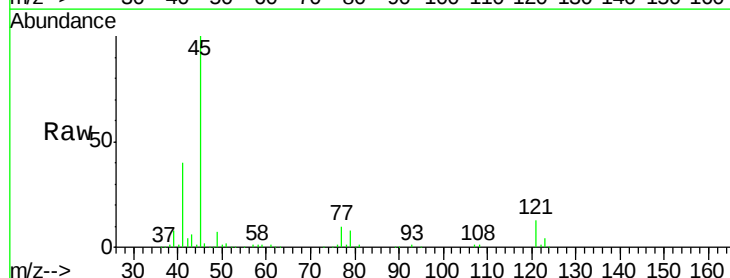
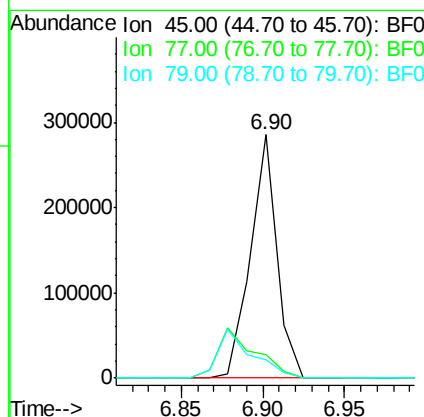
RT: 6.90 min Scan# 430

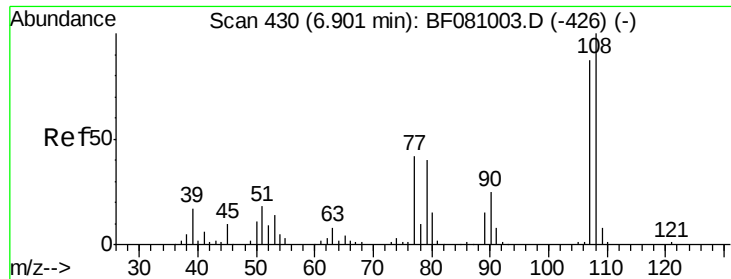
Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Tgt Ion:	45	Resp:	321030
Ion Ratio	Lower	Upper	
45	100		
77	9.7	0.0	30.2
79	7.8	0.0	28.0





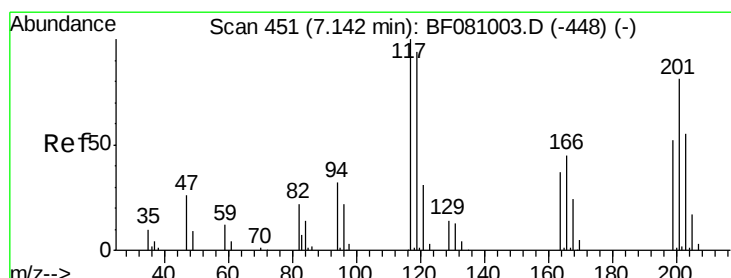
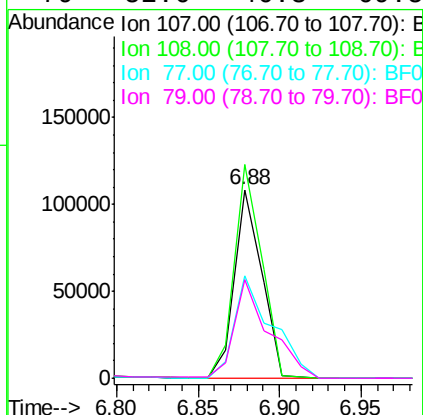
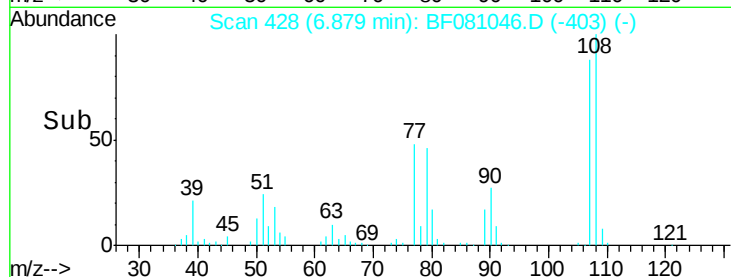
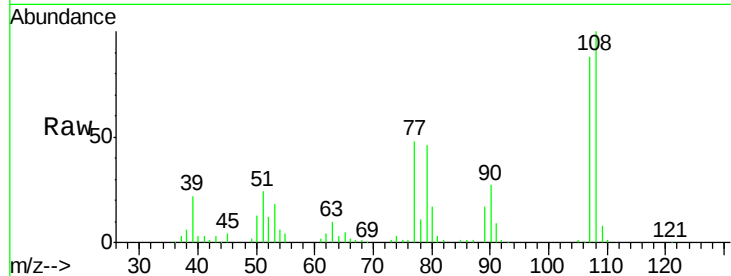
#17
2-Methylphenol
Concen: 35.45 ng
RT: 6.88 min Scan# 428
Delta R.T. -0.01 min
Lab File: BF081046.D
Acq: 18 Aug 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB85041BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	124561		
108	113.5	90.4	135.6	
77	54.1	46.5	69.7	
79	52.6	46.3	69.5	

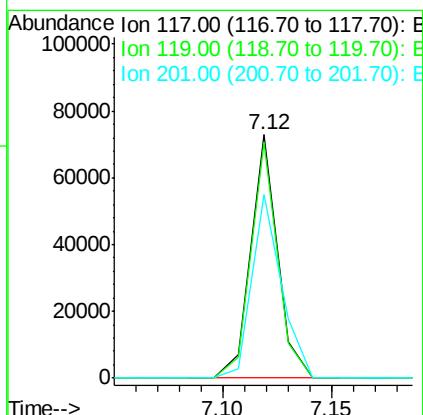
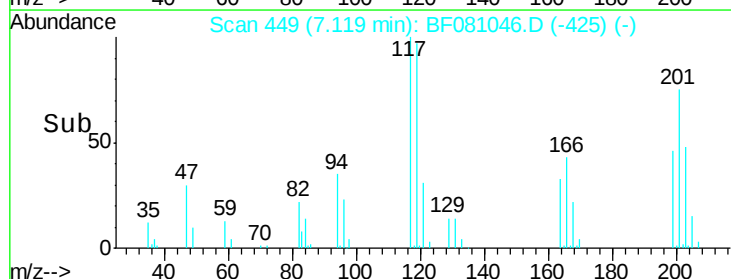
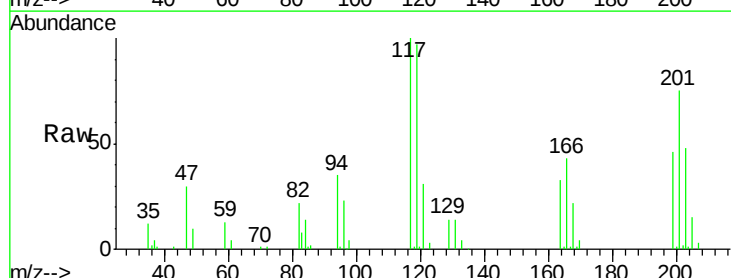
Manual Integrations
APPROVED

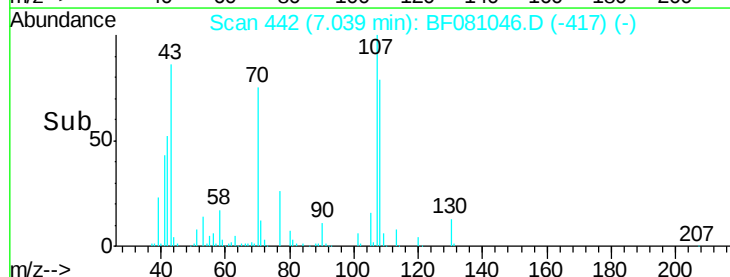
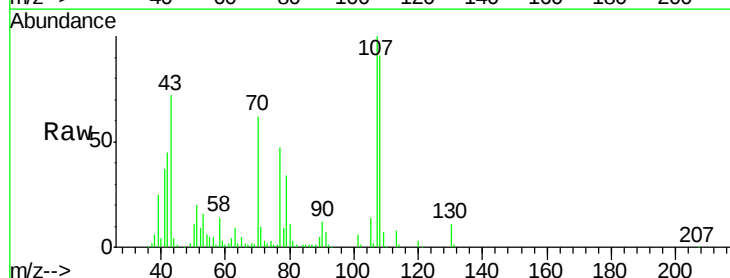
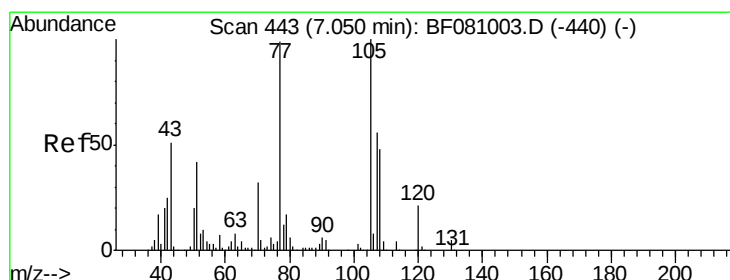
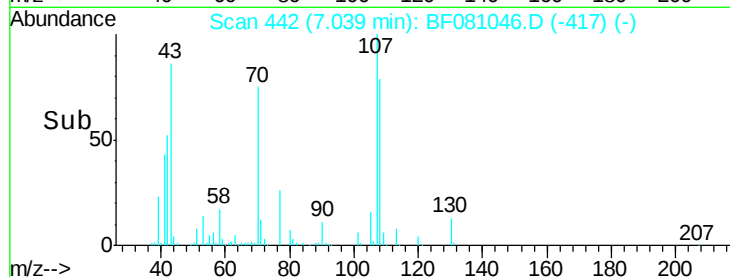
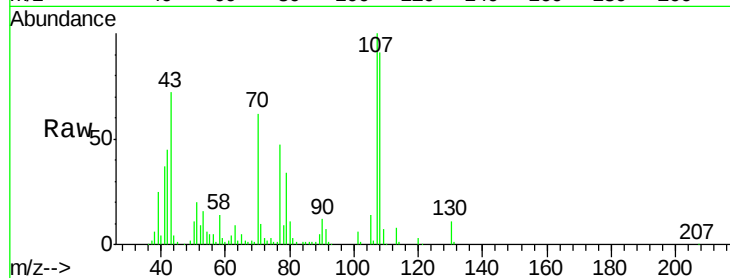
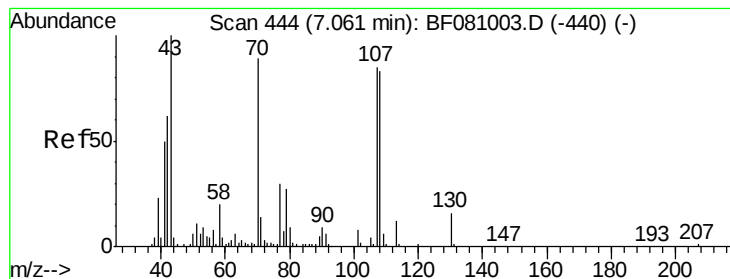
MMDadoda
8/19/2015 2:17:35 PM



#18
Hexachloroethane
Concen: 35.36 ng
RT: 7.12 min Scan# 449
Delta R.T. -0.02 min
Lab File: BF081046.D
Acq: 18 Aug 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	62243		
119	97.0	77.9	116.9	
201	75.1	61.3	91.9	





#19

n-Nitroso-di-n-propylamine

Concen: 37.10 ng

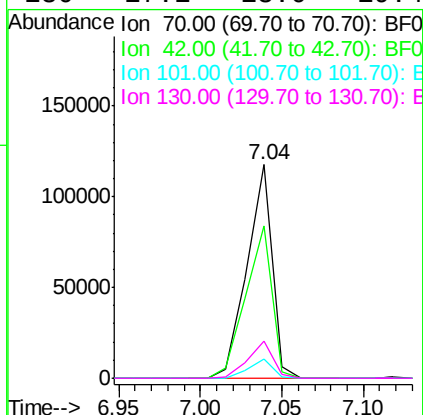
RT: 7.04 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	71.3		65.0	97.4	
101	8.8		7.4	11.2	
130	17.1		13.0	19.4	



Instrument :

BNA_F

ClientSampleId :

PB85041BSD

Manual Integrations
APPROVED

MMDadoda
8/19/2015 2:17:35 PM

#20

3+4-Methylphenols

Concen: 37.51 ng

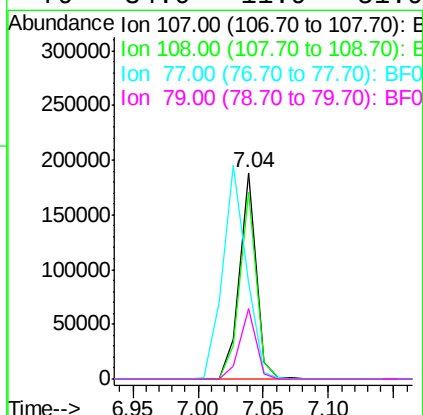
RT: 7.04 min Scan# 442

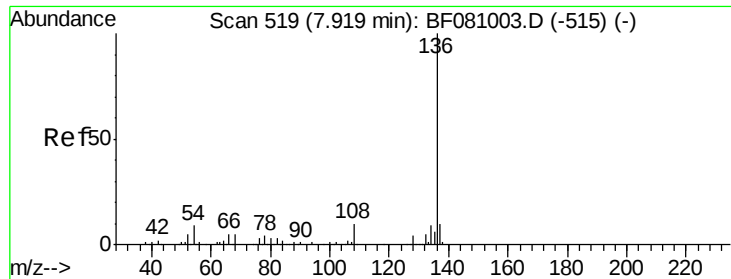
Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.7		66.1	106.1	
77	46.7		139.3	179.3	
79	34.0		11.9	51.9	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

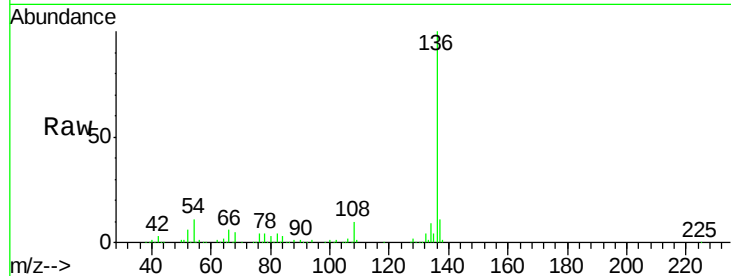
ClientSampleId :

PB85041BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	246335		
137	10.9	8.2	12.2	
54	10.7	7.7	11.5	
68	5.5	3.4	5.2#	

Manual Integrations
APPROVED

MMDadoda
8/19/2015 2:17:35 PM



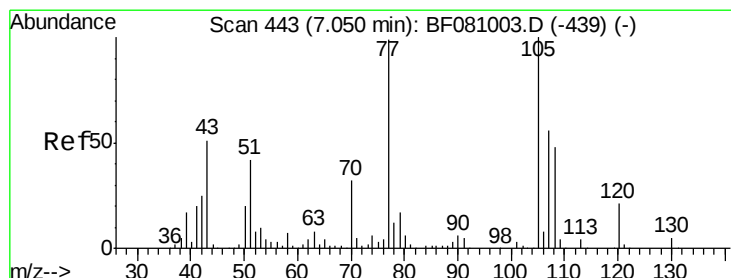
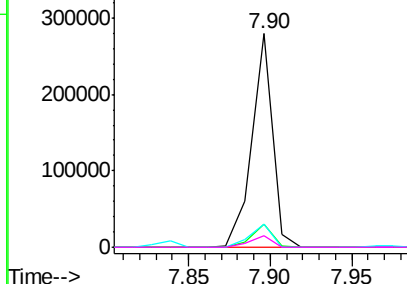
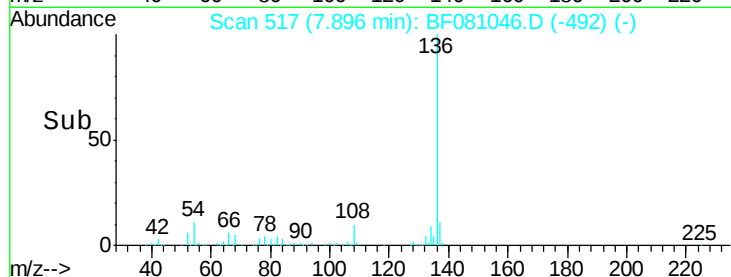
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 34.91 ng

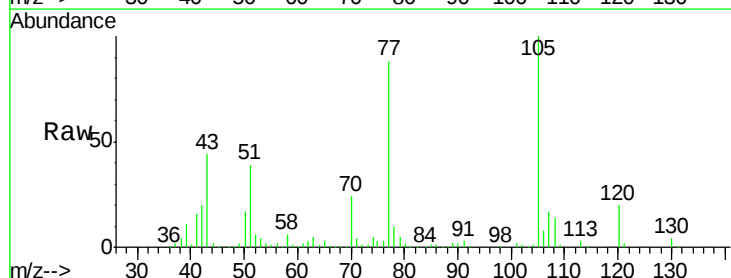
RT: 7.03 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	225755		
71	4.0	3.0	4.6	
51	38.8	39.8	59.8#	
120	20.1	15.8	23.8	



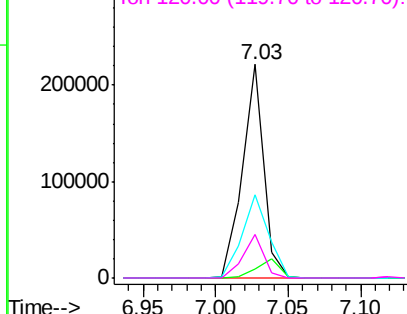
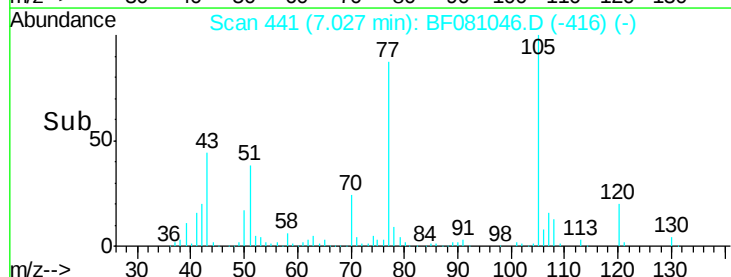
Abundance

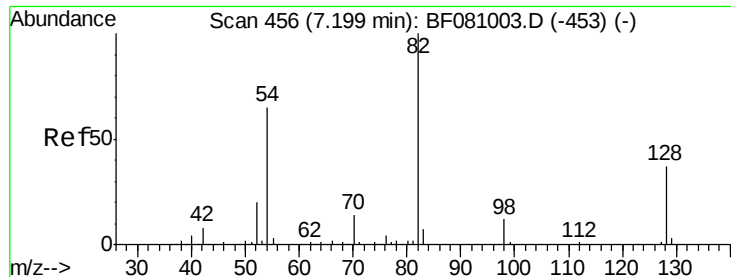
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





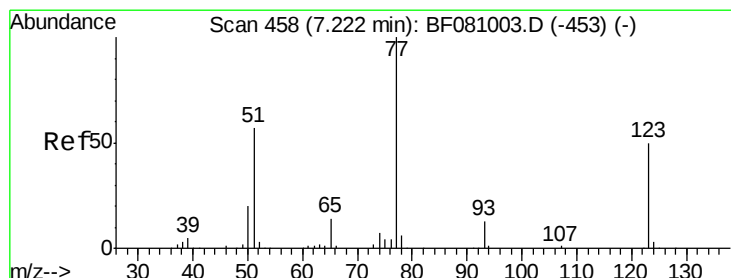
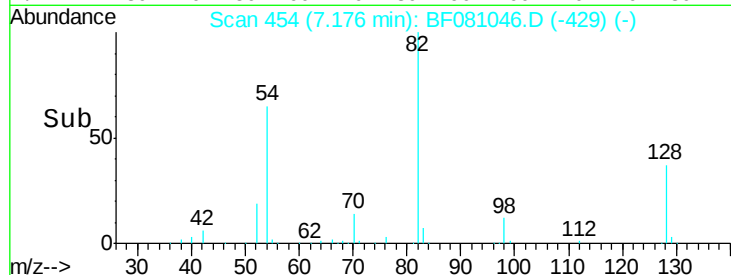
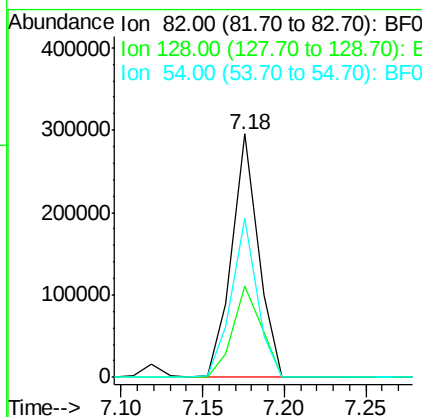
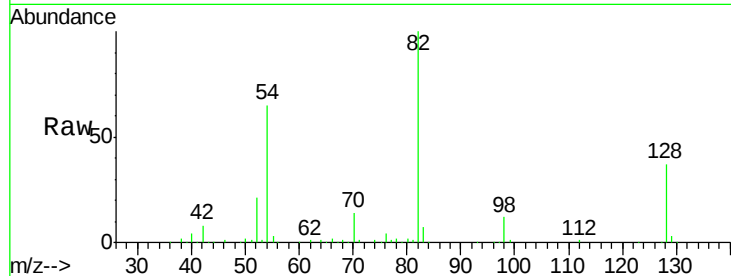
#23
Nitrobenzene-d5
Concen: 61.97 ng
RT: 7.18 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF081046.D
Acq: 18 Aug 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB85041BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	37.3	28.6	42.8	
54	65.4	55.1	82.7	

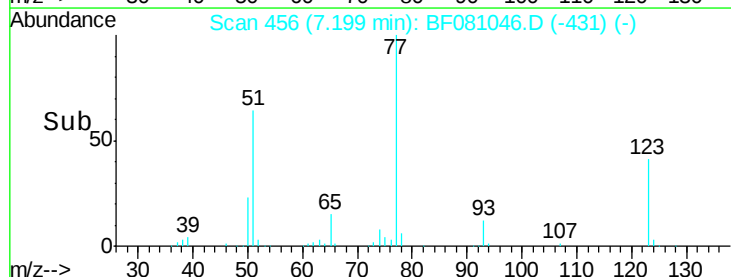
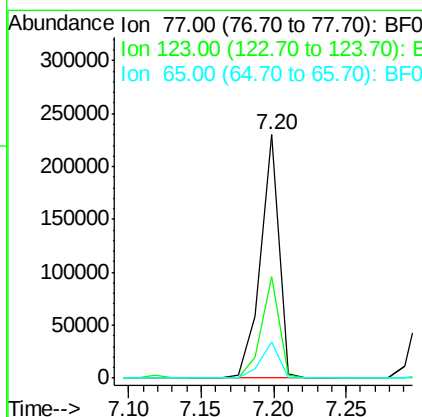
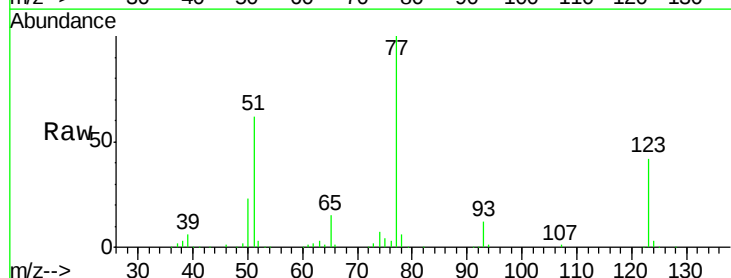
Manual Integrations
APPROVED

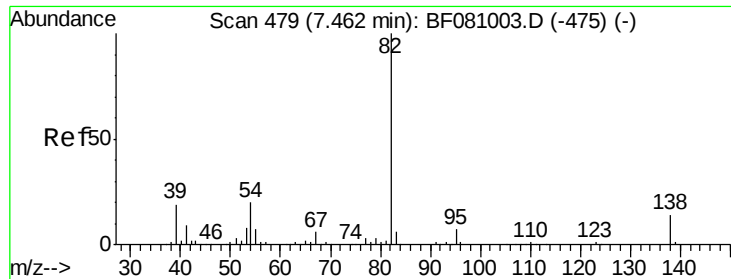
MMDadoda
8/19/2015 2:17:35 PM



#24
Nitrobenzene
Concen: 36.06 ng
RT: 7.20 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF081046.D
Acq: 18 Aug 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	41.9	32.9	49.3	
65	14.8	12.5	18.7	





#25

Isophorone

Concen: 33.00 ng

RT: 7.44 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

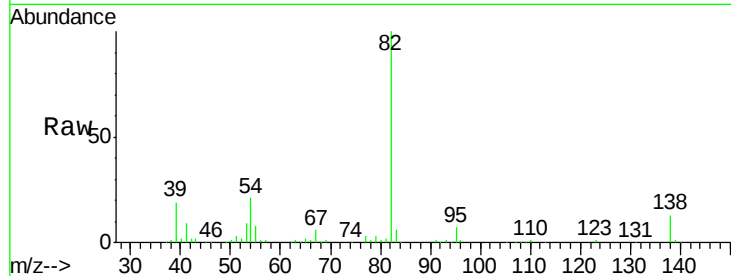
ClientSampleId :

PB85041BSD

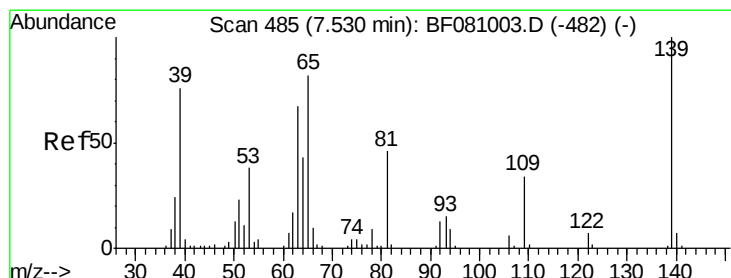
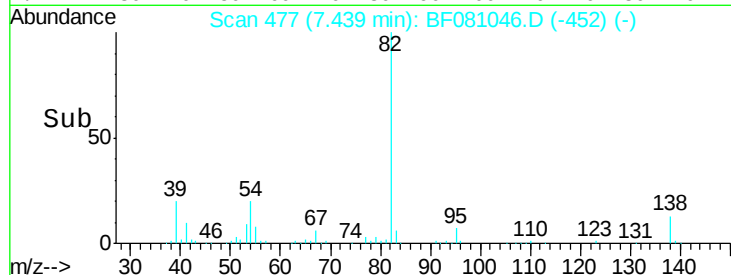
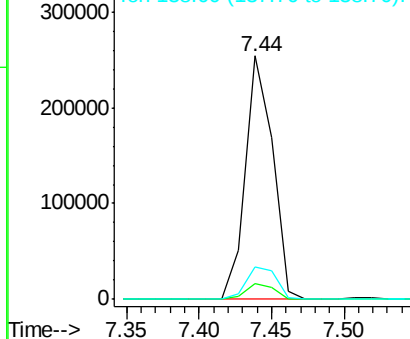
Tot Ion:	82	Resp:	331894
Ion Ratio	Lower	Upper	
82	100		
95	6.7	6.2	9.2
138	13.3	10.5	15.7

Manual Integrations
APPROVED

MMDadoda
8/19/2015 2:17:35 PM



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



#26

2-Nitrophenol

Concen: 36.46 ng

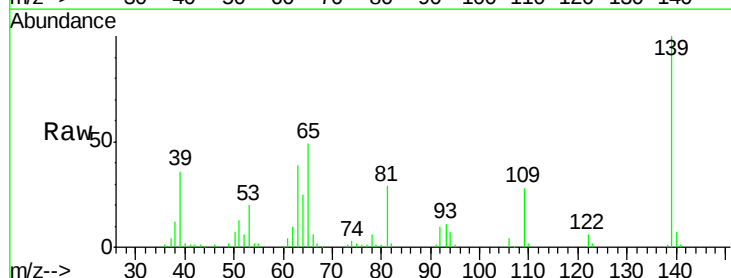
RT: 7.52 min Scan# 484

Delta R.T. -0.01 min

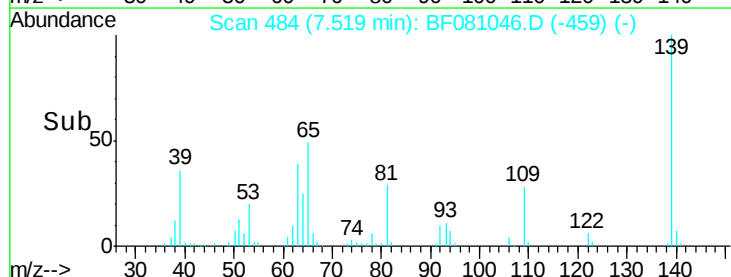
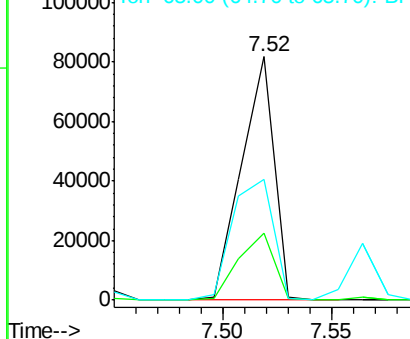
Lab File: BF081046.D

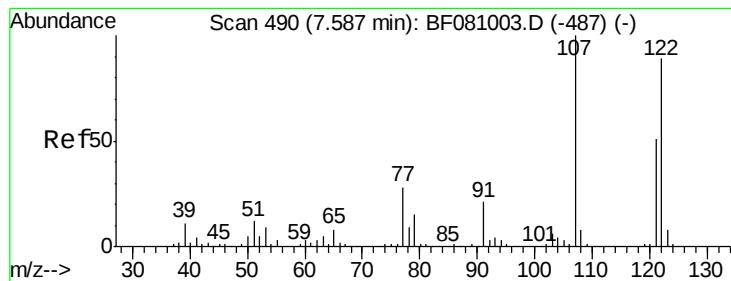
Acq: 18 Aug 2015 17:03

Tgt Ion:	139	Resp:	85483
Ion Ratio	Lower	Upper	
139	100		
109	27.7	32.1	48.1#
65	49.4	69.9	104.9#



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





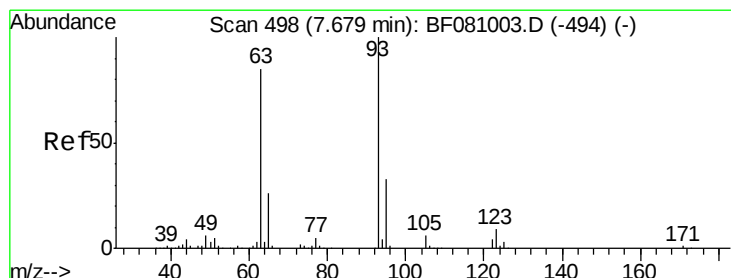
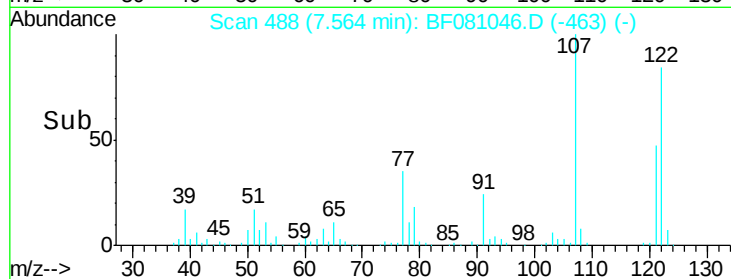
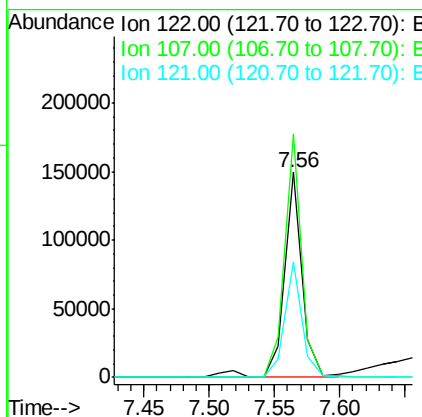
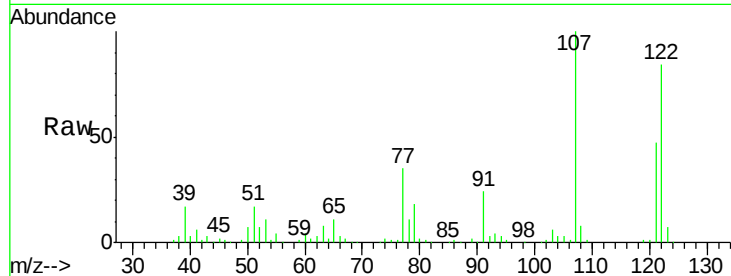
#27
 2,4-Dimethylphenol
 Concen: 34.86 ng
 RT: 7.56 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB85041BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	119.0	103.8	144600	155.6	
121	56.5	47.0		70.4	

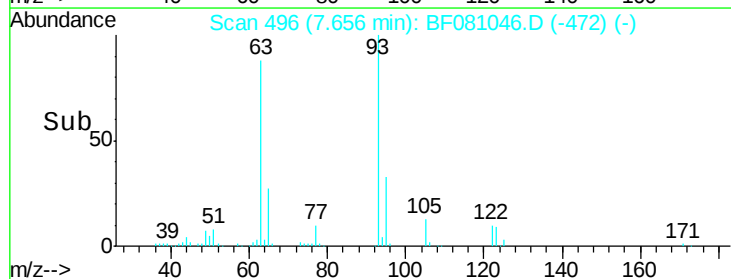
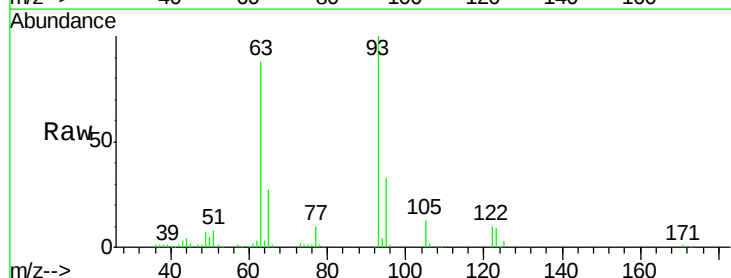
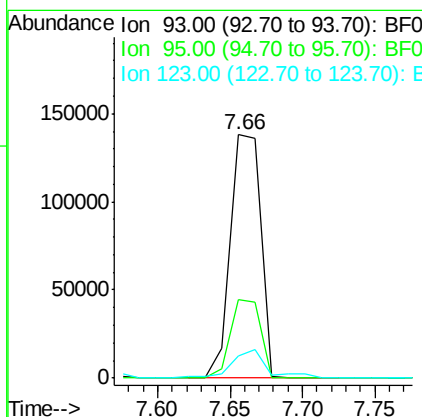
Manual Integrations
 APPROVED

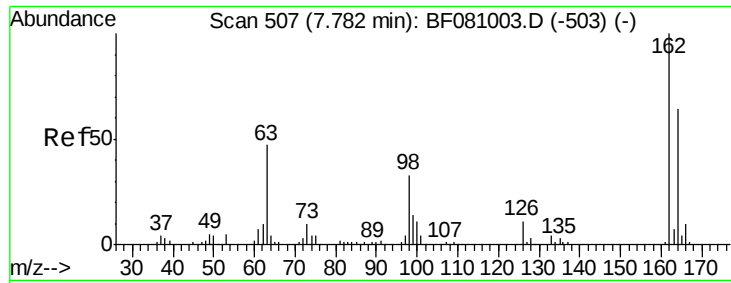
MMDadoda
 8/19/2015 2:17:35 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.84 ng
 RT: 7.66 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.5	25.8	201011	38.8	
123	9.3	7.4		11.0	





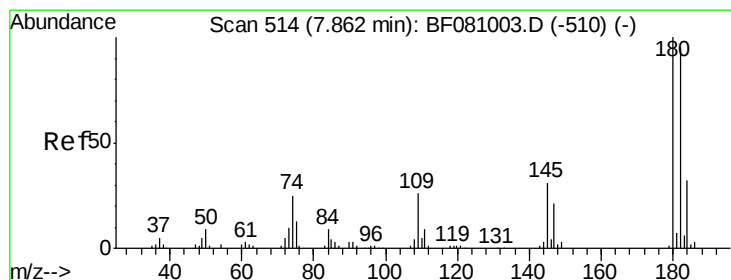
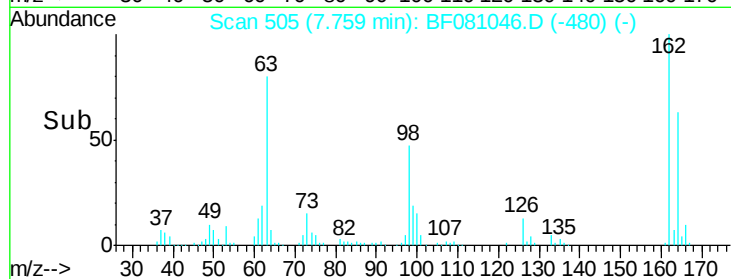
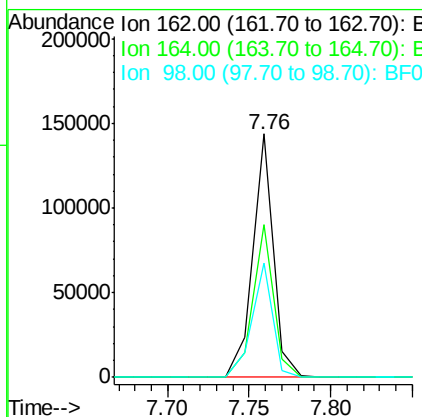
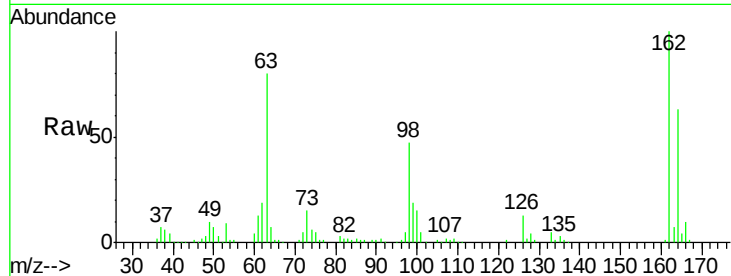
#29
 2,4-Dichlorophenol
 Concen: 36.19 ng
 RT: 7.76 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB85041BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	126373		
164	62.7	43.2	83.2	
98	46.9	12.3	52.3	

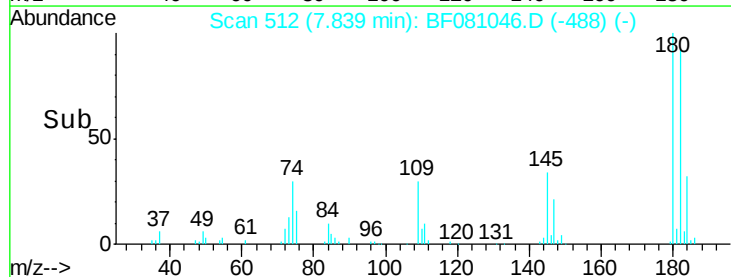
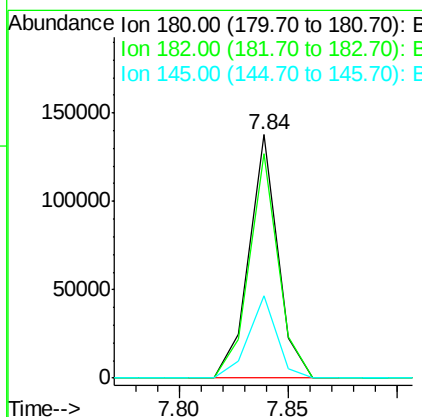
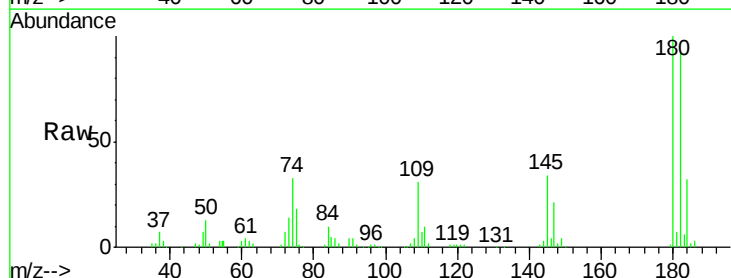
Manual Integrations
 APPROVED

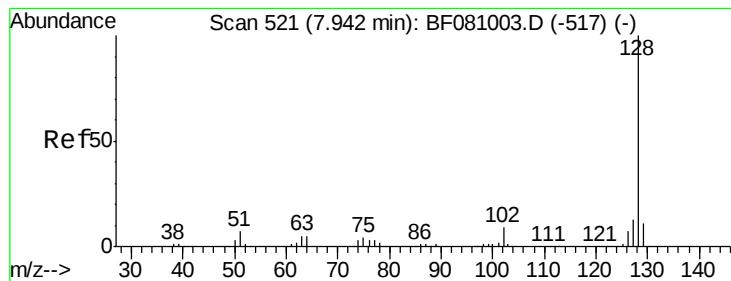
MMDadoda
 8/19/2015 2:17:35 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 32.67 ng
 RT: 7.84 min Scan# 512
 Delta R.T. -0.02 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	126824		
182	92.2	76.4	114.6	
145	33.8	25.4	38.2	





#31

Naphthalene

Concen: 34.58 ng

RT: 7.92 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

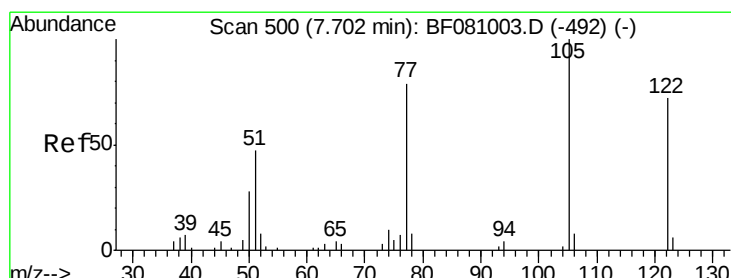
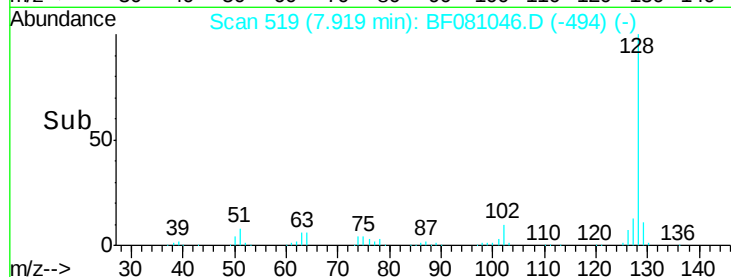
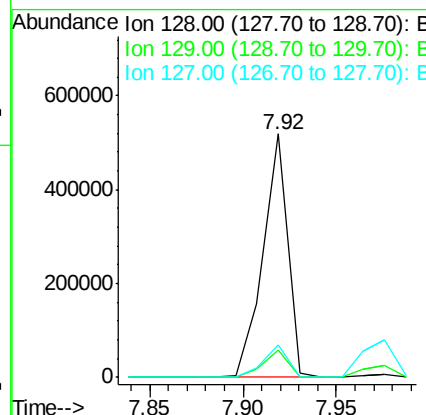
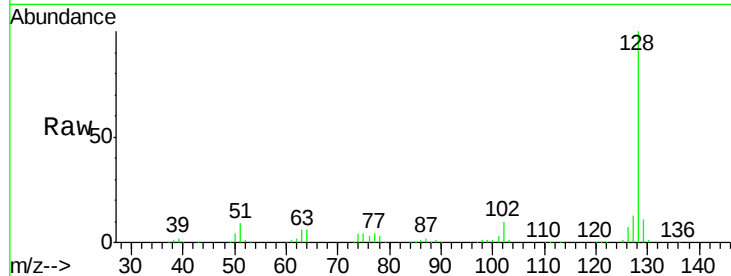
ClientSampleId :

PB85041BSD

Tot Ion:	128	Resp:	474842
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.4	12.6
127	13.2	10.6	16.0

Manual Integrations
APPROVED

MMDadoda
8/19/2015 2:17:35 PM



#32

Benzoic acid

Concen: 45.35 ng

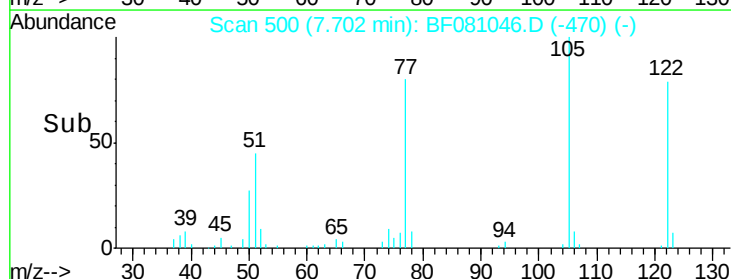
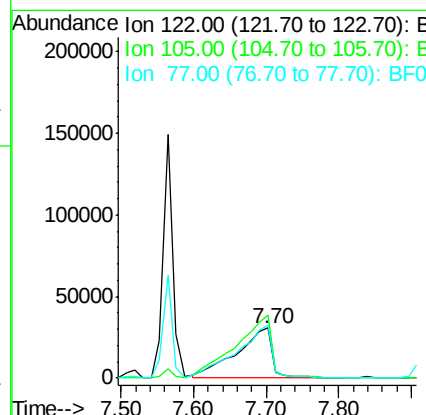
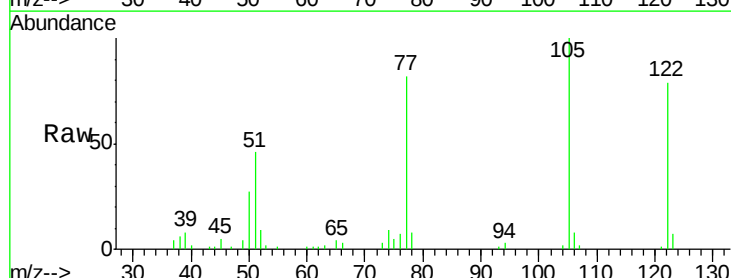
RT: 7.70 min Scan# 500

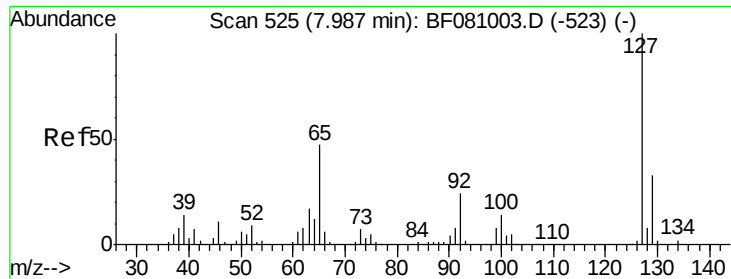
Delta R.T. 0.05 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Tgt Ion:	122	Resp:	105816
Ion Ratio	Lower	Upper	
122	100		
105	127.0	113.8	153.8
77	104.5	93.8	133.8





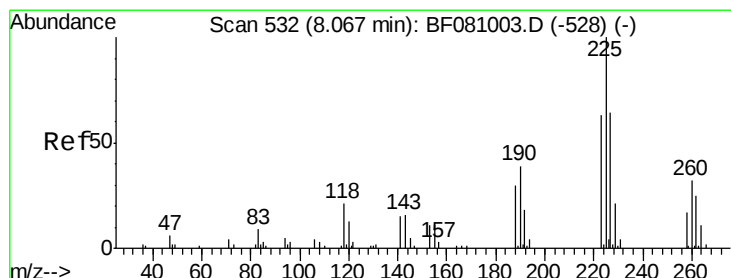
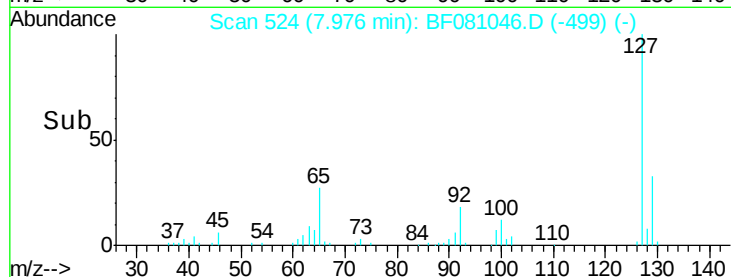
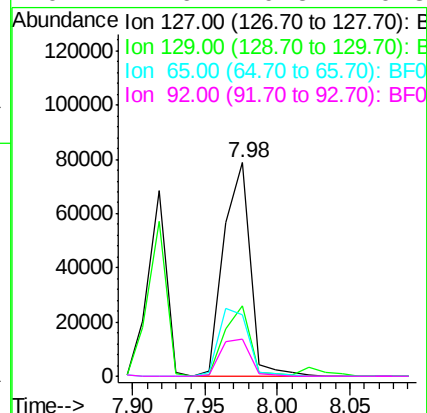
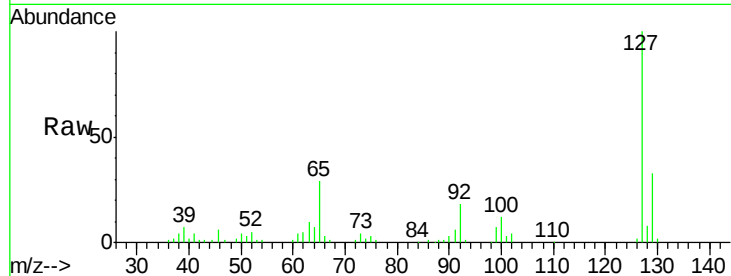
#33
4-Chloroaniline
Concen: 17.25 ng
RT: 7.98 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF081046.D
Acq: 18 Aug 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB85041BSD

Tot Ion:	127	Resp:	99964
Ion Ratio	Lower	Upper	
127	100		
129	33.0	25.2	37.8
65	28.8	37.8	56.6#
92	17.6	19.5	29.3#

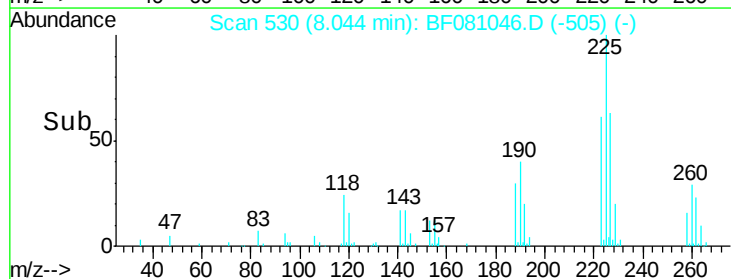
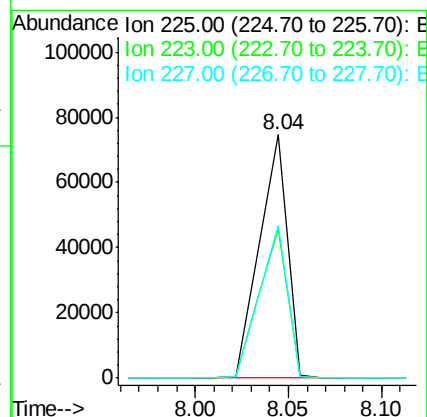
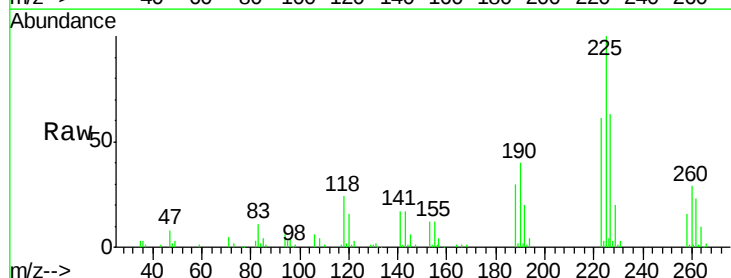
Manual Integrations
APPROVED

MMDadoda
8/19/2015 2:17:35 PM



#34
Hexachlorobutadiene
Concen: 35.17 ng
RT: 8.04 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF081046.D
Acq: 18 Aug 2015 17:03

Tgt Ion:	225	Resp:	77186
Ion Ratio	Lower	Upper	
225	100		
223	60.9	52.6	79.0
227	62.8	51.1	76.7





#35

Caprolactam

Concen: 37.03 ng/mL

RT: 8.34 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

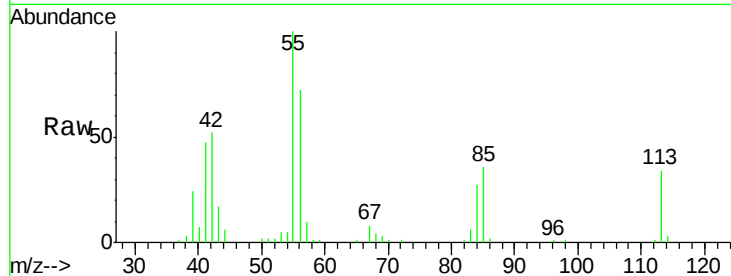
ClientSampleId :

PB85041BSD

Tot Ion:	113	Resp:	45194
Ion Ratio	Lower	Upper	
113	100		
55	293.1	280.4	320.4
56	211.4	205.9	245.9

Manual Integrations
APPROVED

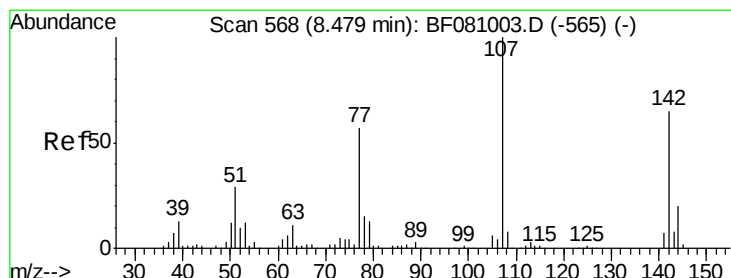
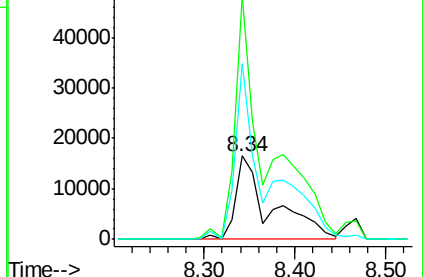
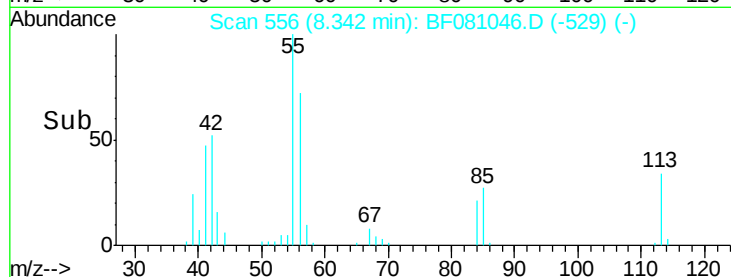
MMDadoda
8/19/2015 2:17:35 PM



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: 38.78 ng/mL

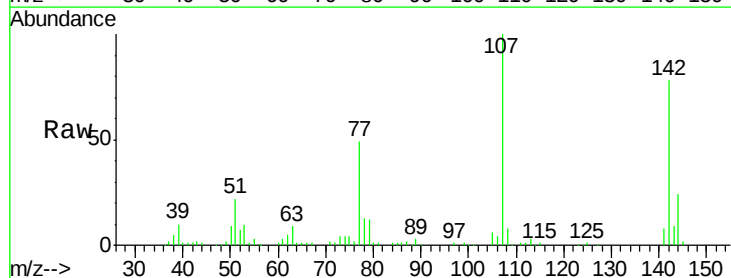
RT: 8.47 min Scan# 567

Delta R.T. -0.00 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

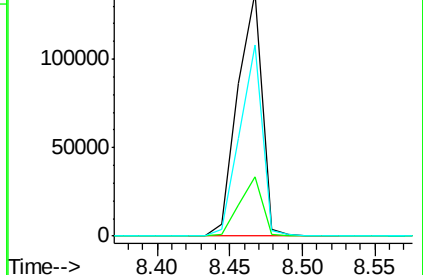
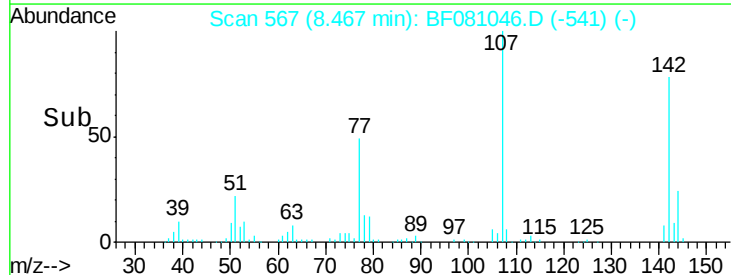
Tgt Ion:	107	Resp:	161403
Ion Ratio	Lower	Upper	
107	100		
144	24.3	17.2	25.8
142	78.4	54.9	82.3

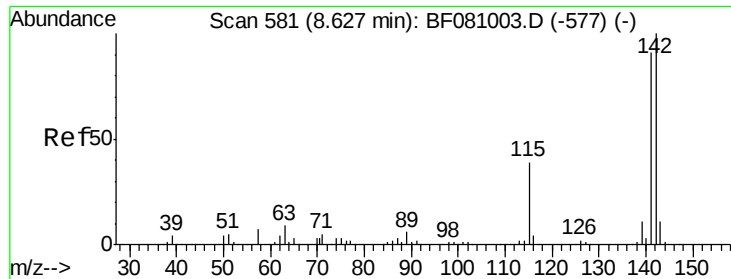


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





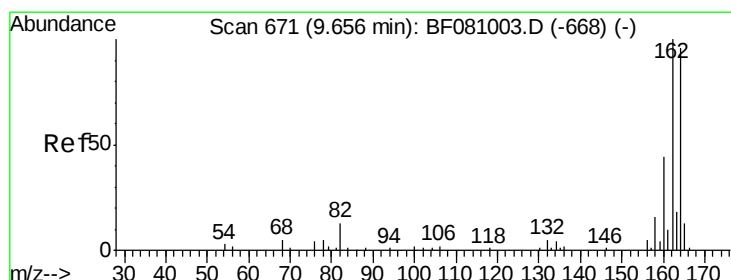
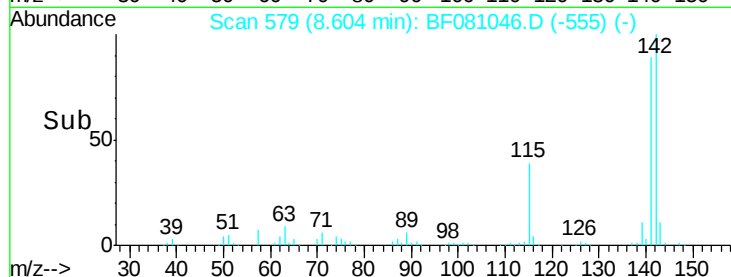
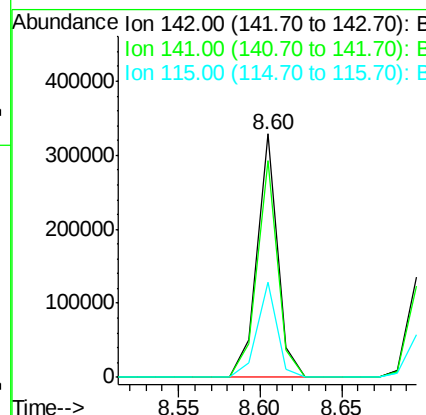
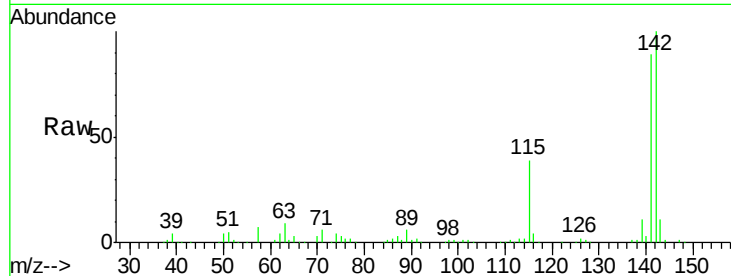
#37
2-Methylnaphthalene
Concen: 33.30 ng
RT: 8.60 min Scan# 579
Delta R.T. -0.02 min
Lab File: BF081046.D
Acq: 18 Aug 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB85041BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	288800		
141	88.9	71.4	107.2	
115	39.0	33.4	50.0	

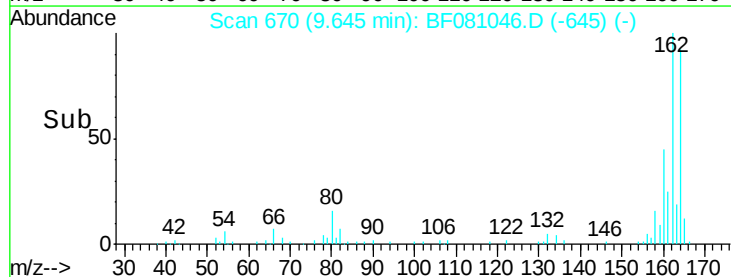
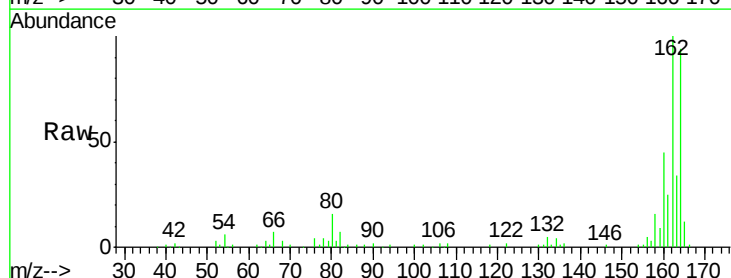
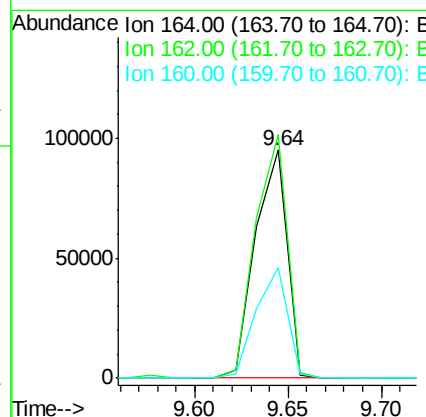
Manual Integrations
APPROVED

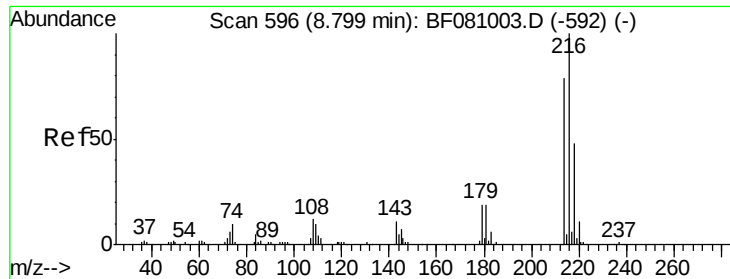
MMDadoda
8/19/2015 2:17:35 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF081046.D
Acq: 18 Aug 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	111935		
162	106.8	83.8	125.8	
160	48.3	39.8	59.8	





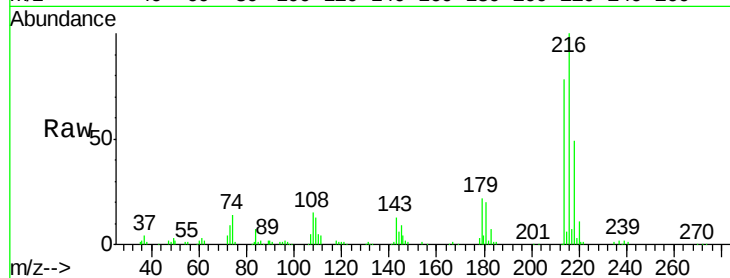
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.65 ng
 RT: 8.78 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB85041BSD

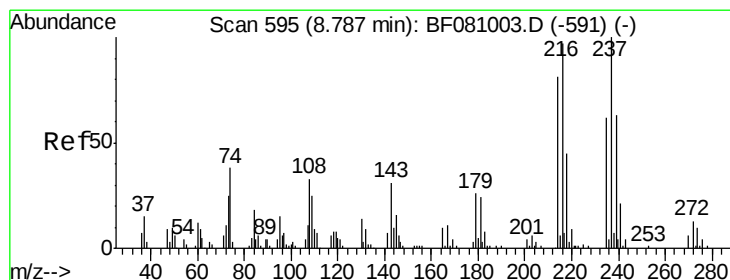
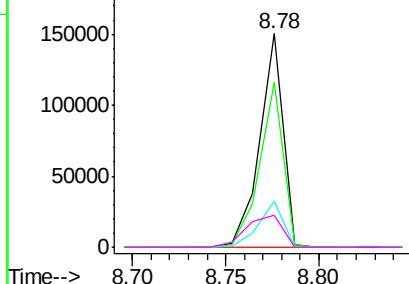
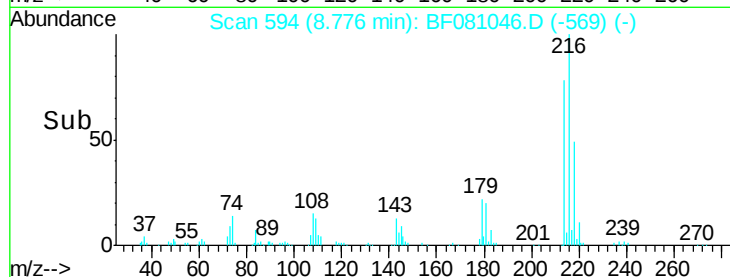
Manual Integrations
 APPROVED

MMDadoda
 8/19/2015 2:17:35 PM

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.8	95.8
179	22.5	17.8	26.8
108	22.8	16.2	24.2

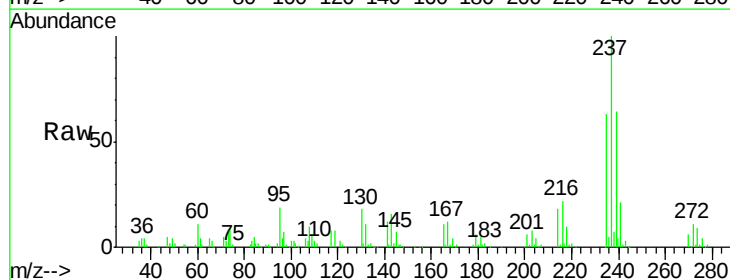


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

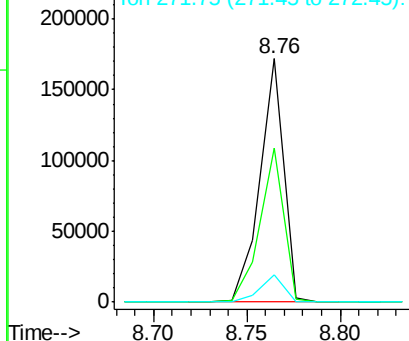
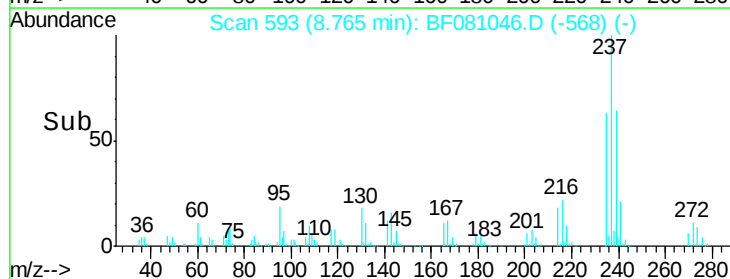


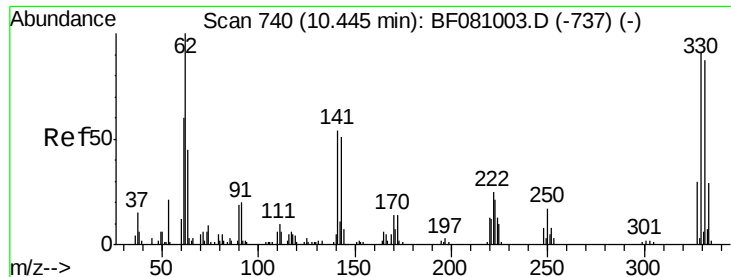
#40
 Hexachlorocyclopentadiene
 Concen: 80.97 ng
 RT: 8.76 min Scan# 593
 Delta R.T. -0.01 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.1	43.6	83.6
272	11.2	0.0	32.2



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





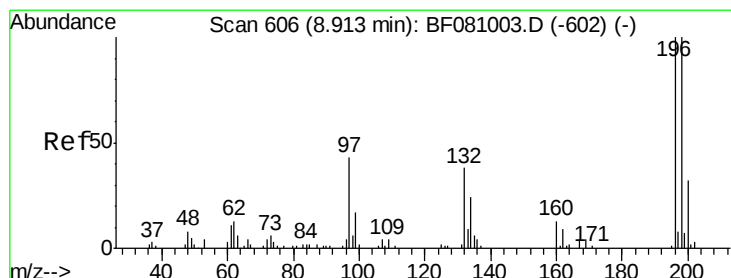
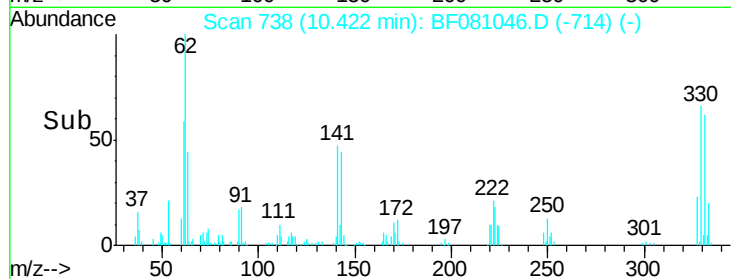
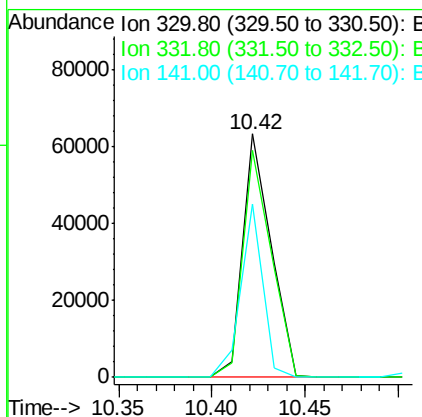
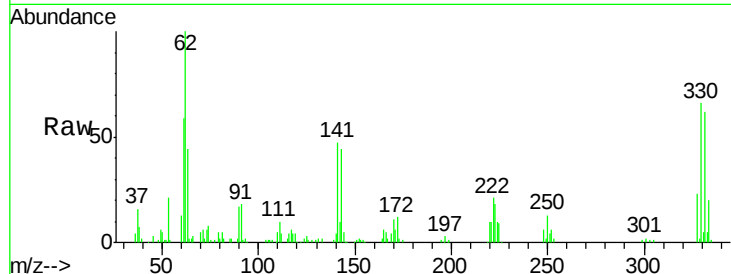
#41
 2,4,6-Tribromophenol
 Concen: 69.15 ng
 RT: 10.42 min Scan# 738
 Delta R.T. -0.02 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB85041BSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.5	77.3	115.9
141	55.7	44.9	67.3

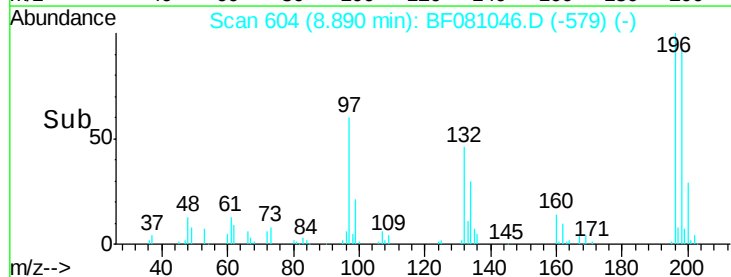
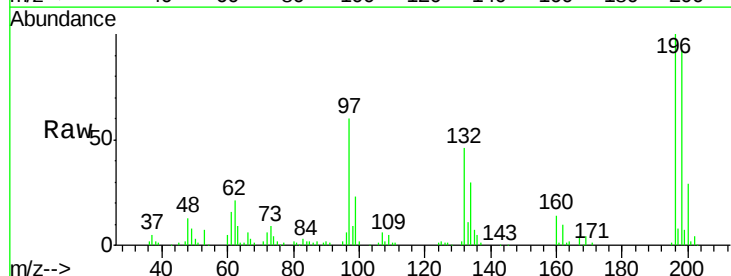
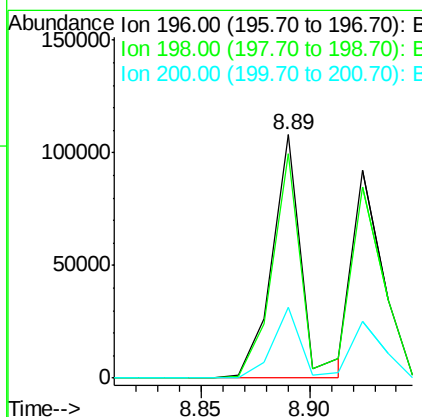
Manual Integrations
 APPROVED

MMDadoda
 8/19/2015 2:17:35 PM



#42
 2,4,6-Trichlorophenol
 Concen: 39.83 ng
 RT: 8.89 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.2	74.6	111.8
200	29.2	22.7	34.1





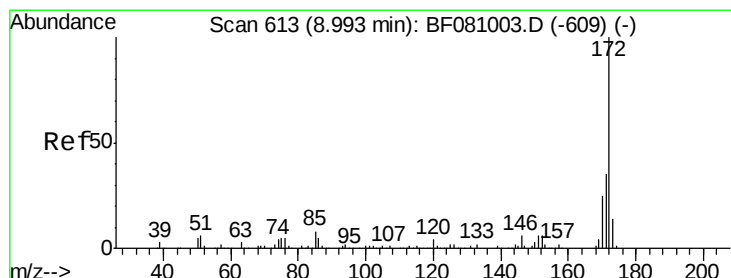
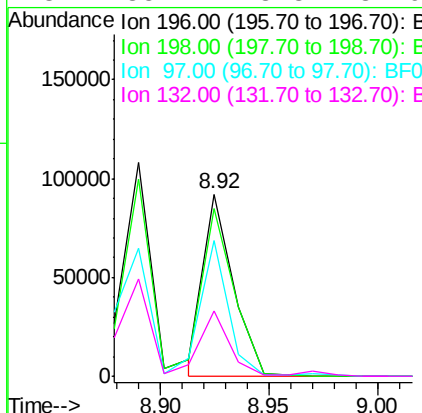
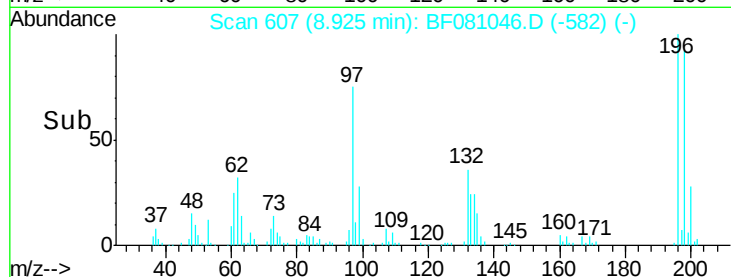
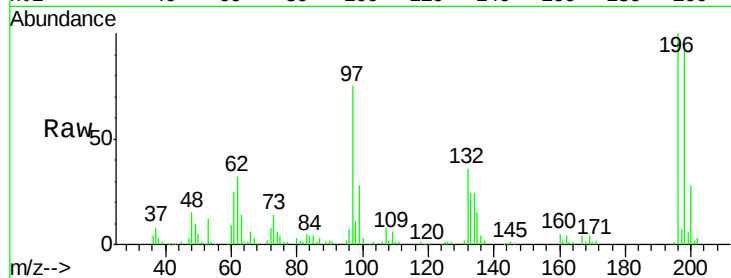
#43
 2,4,5-Trichlorophenol
 Concen: 34.69 ng
 RT: 8.92 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB85041BSD

Manual Integrations
 APPROVED

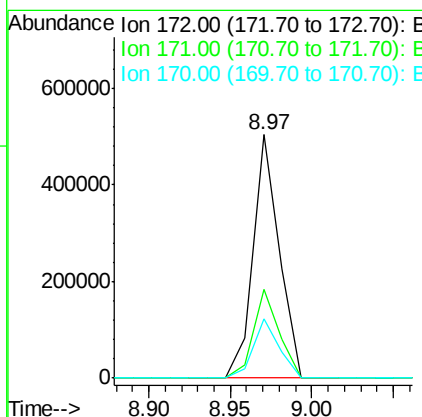
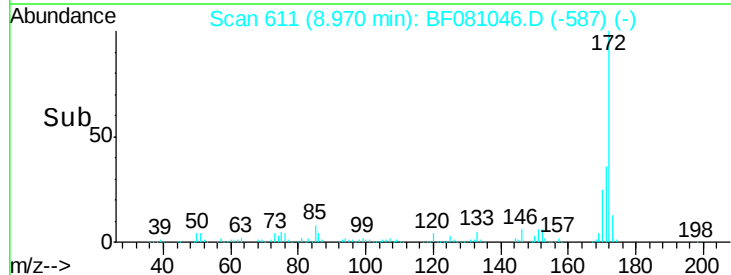
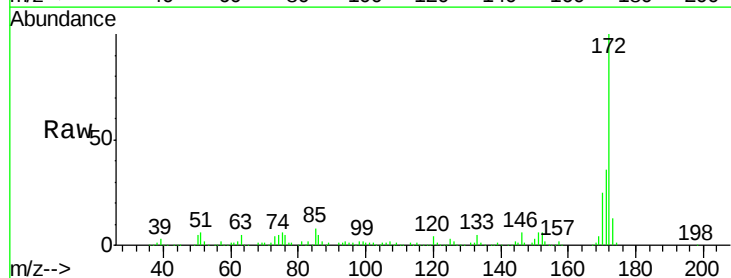
MMDadoda
 8/19/2015 2:17:35 PM

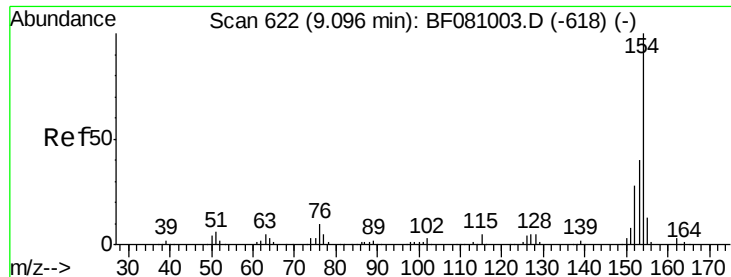
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		88445		
198	92.1	78.3	117.5		
97	74.8	42.7	64.1#		
132	35.7	23.3	34.9#		



#44
 2-Fluorobiphenyl
 Concen: 65.48 ng
 RT: 8.97 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		559405		
171	36.5	28.9	43.3		
170	24.5	19.4	29.2		





#45

1,1'-Biphenyl

Concen: 40.82 ng

RT: 9.07 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

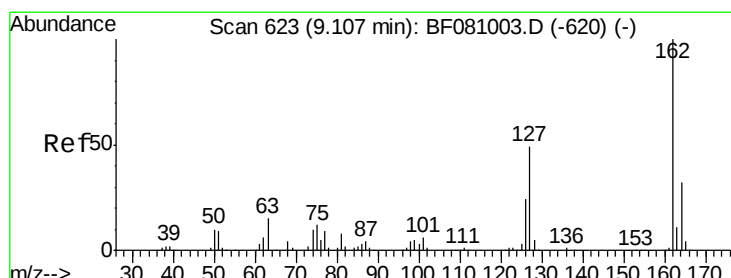
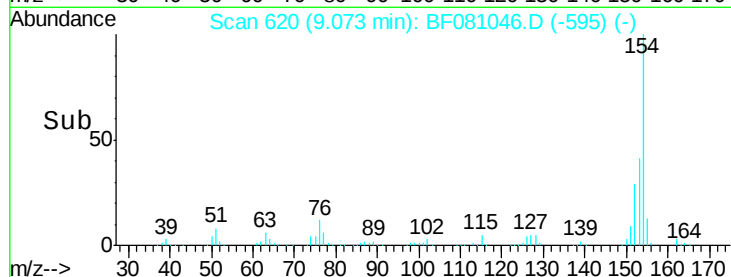
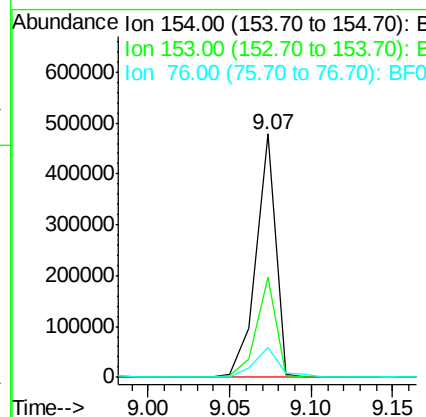
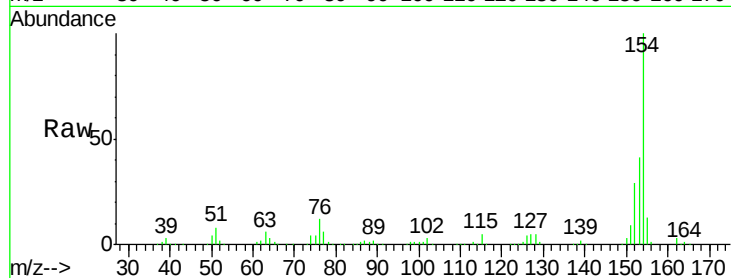
ClientSampleId :

PB85041BSD

Tot Ion:	154	Resp:	402517
Ion Ratio	Lower	Upper	
154	100		
153	41.0	19.5	59.5
76	12.1	0.0	29.3

Manual Integrations
APPROVED

MMDadoda
8/19/2015 2:17:35 PM



#46

2-Chloronaphthalene

Concen: 35.39 ng

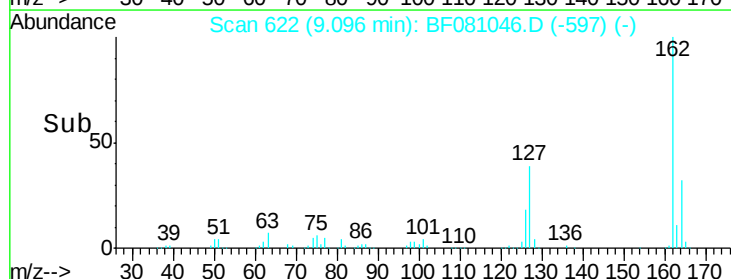
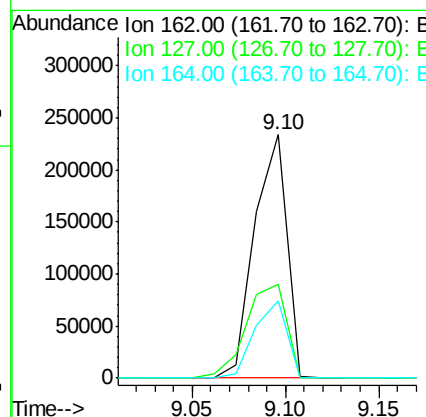
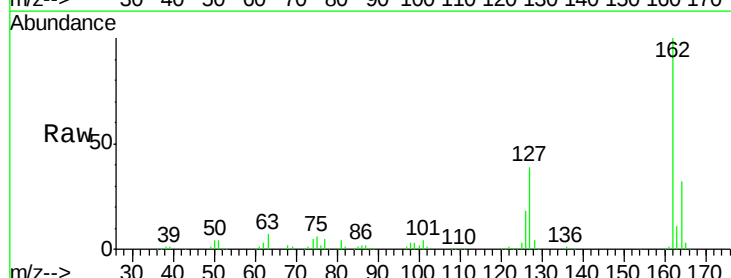
RT: 9.10 min Scan# 622

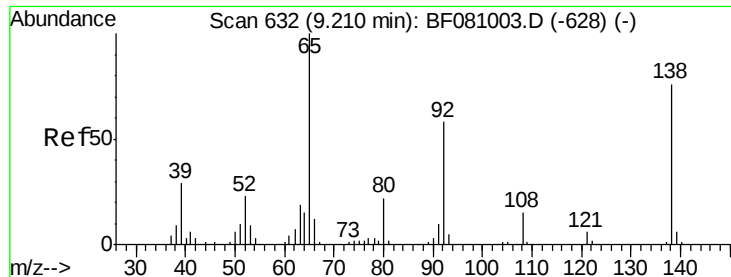
Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Tgt Ion:	162	Resp:	280323
Ion Ratio	Lower	Upper	
162	100		
127	38.6	31.3	46.9
164	31.9	26.3	39.5





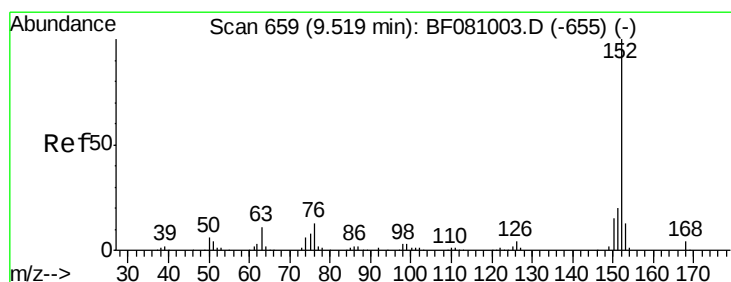
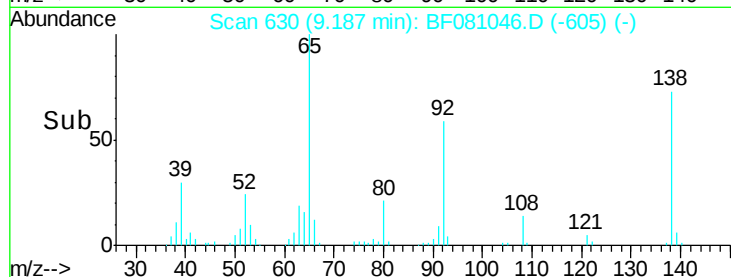
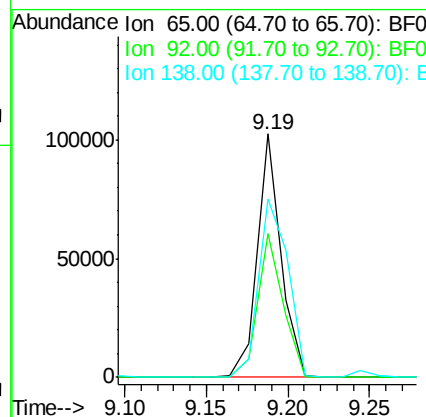
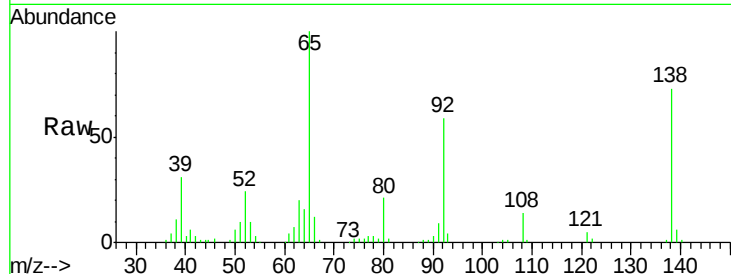
#47
2-Nitroaniline
Concen: 31.81 ng
RT: 9.19 min Scan# 630
Delta R.T. -0.01 min
Lab File: BF081046.D
Acq: 18 Aug 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB85041BSD

Tot Ion:	65	Resp:	103123
Ion Ratio	Lower	Upper	
65	100		
92	58.9	45.6	68.4
138	73.3	57.9	86.9

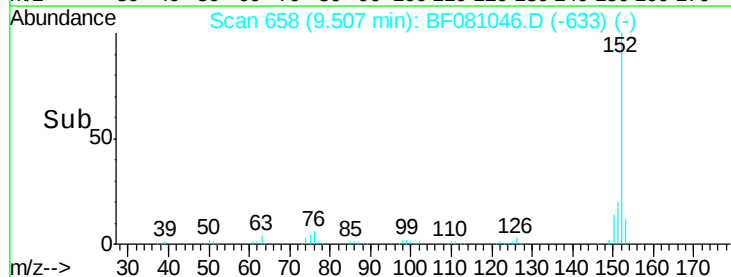
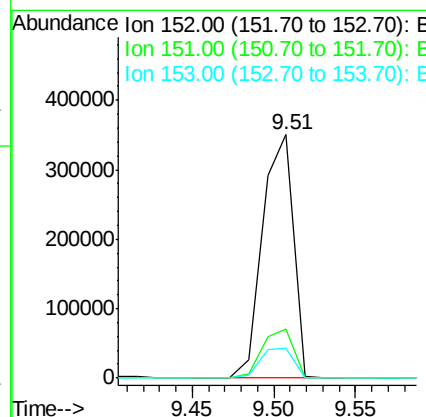
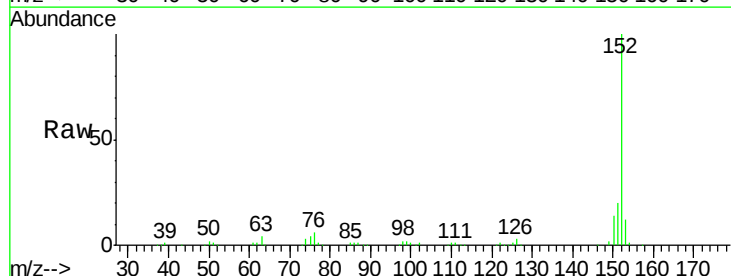
Manual Integrations
APPROVED

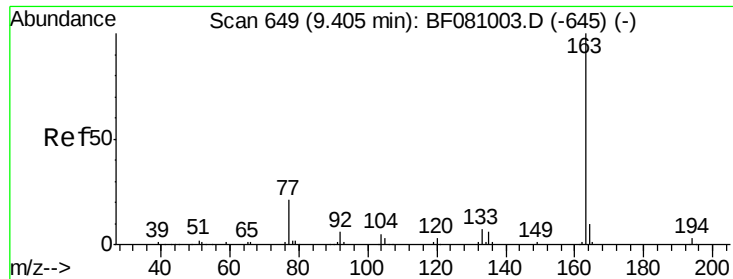
MMDadoda
8/19/2015 2:17:35 PM



#48
Acenaphthylene
Concen: 32.52 ng
RT: 9.51 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF081046.D
Acq: 18 Aug 2015 17:03

Tgt Ion:	152	Resp:	460716
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.1	24.1
153	12.4	9.8	14.6





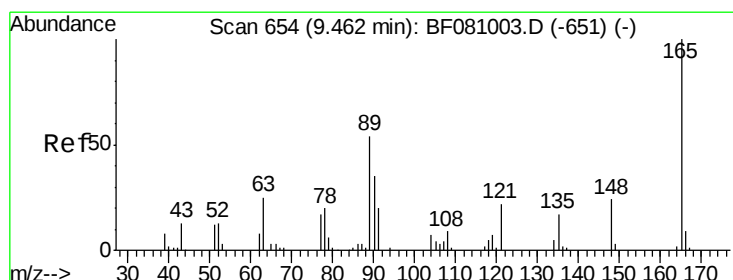
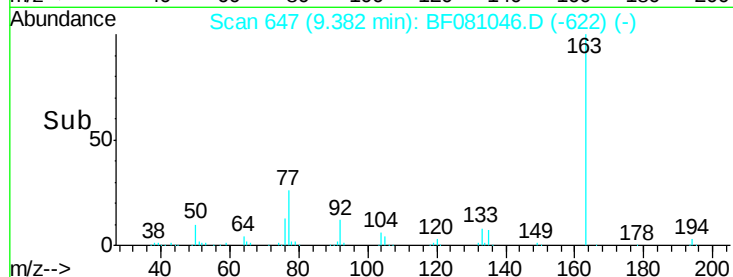
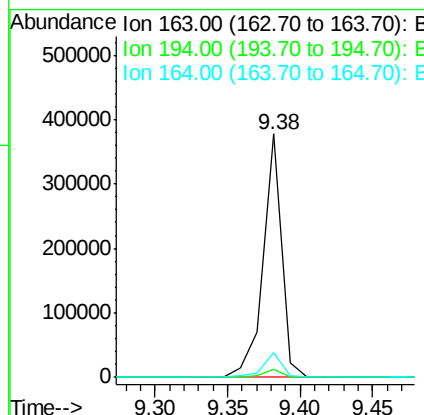
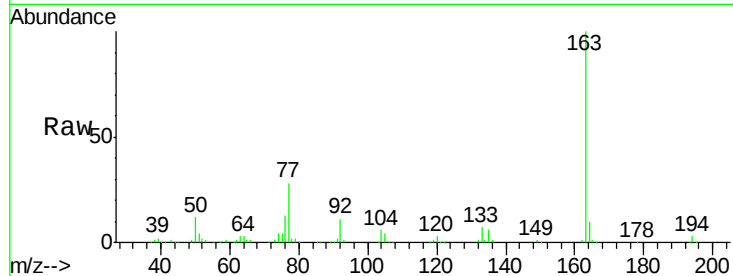
#49
Dimethylphthalate
Concen: 36.20 ng
RT: 9.38 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF081046.D
Acq: 18 Aug 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB85041BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	333756		
194	3.2	2.5	3.7	
164	10.0	8.1	12.1	

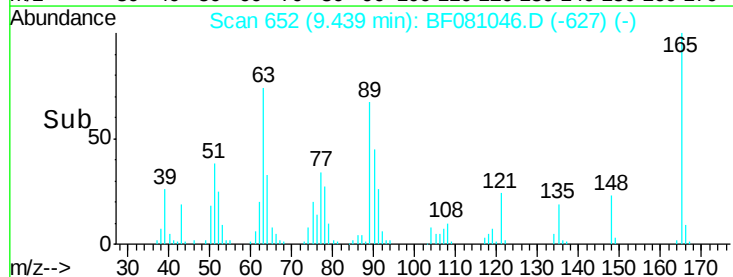
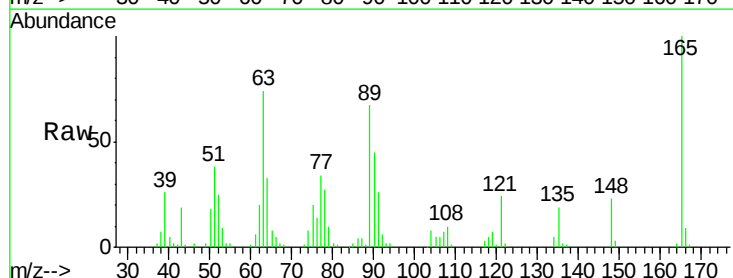
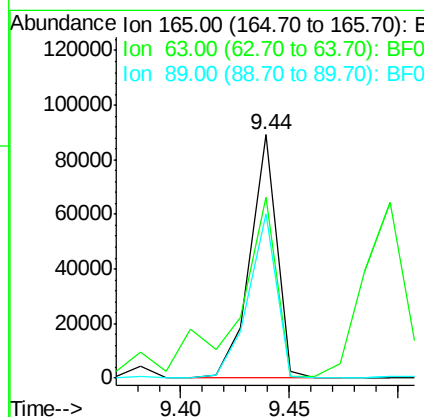
Manual Integrations
APPROVED

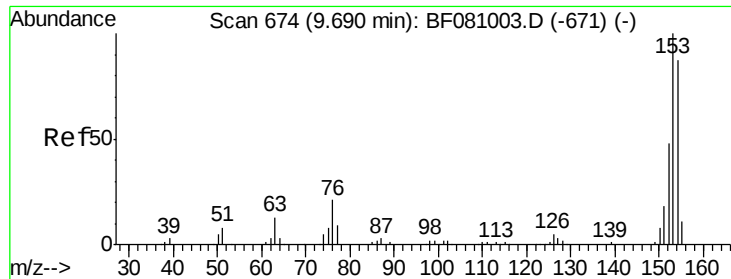
MMDadoda
8/19/2015 2:17:35 PM



#50
2,6-Dinitrotoluene
Concen: 38.58 ng
RT: 9.44 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF081046.D
Acq: 18 Aug 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	76356		
63	74.4	49.5	74.3#	
89	67.4	47.6	71.4	





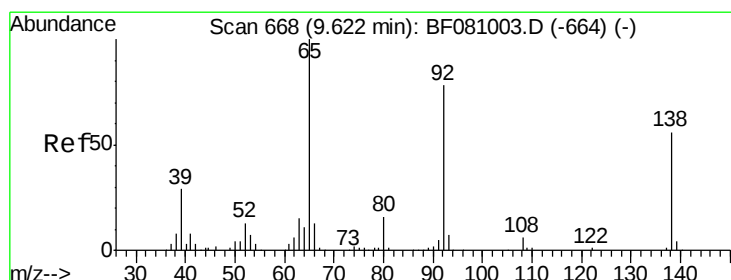
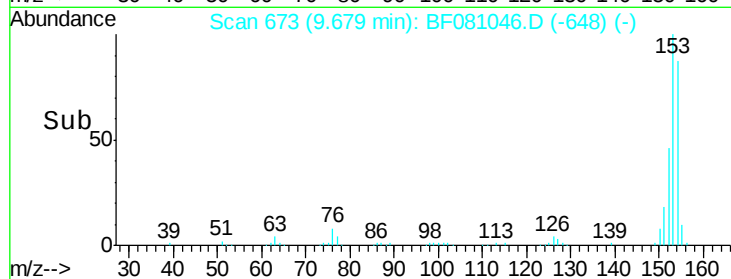
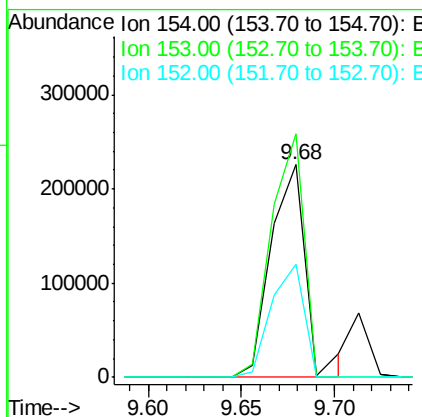
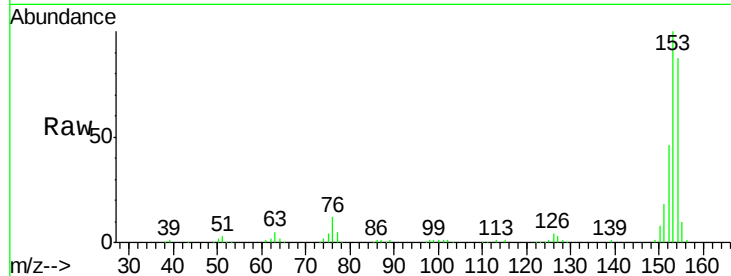
#51
Acenaphthene
Concen: 34.70 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF081046.D
Acq: 18 Aug 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB85041BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.7	91.4	137.2
152	53.2	43.7	65.5

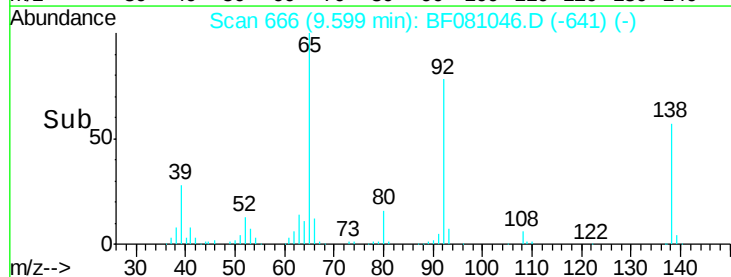
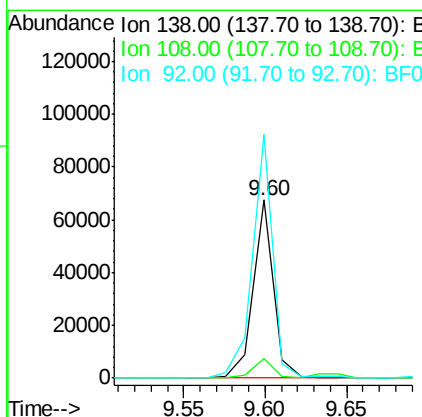
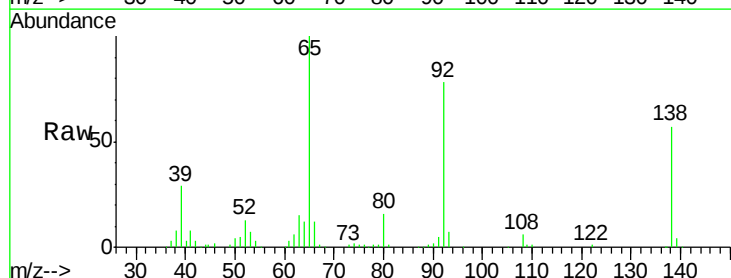
Manual Integrations
APPROVED

MMDadoda
8/19/2015 2:17:35 PM



#52
3-Nitroaniline
Concen: 23.30 ng
RT: 9.60 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF081046.D
Acq: 18 Aug 2015 17:03

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.4	14.2
92	137.0	113.2	169.8





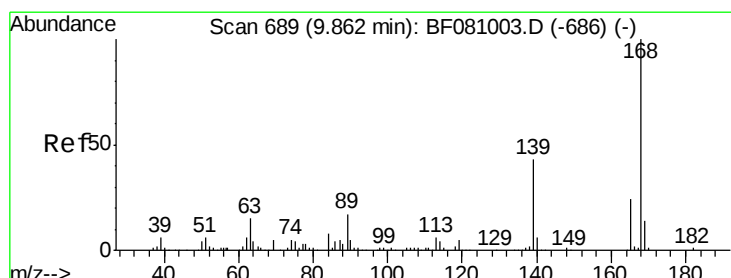
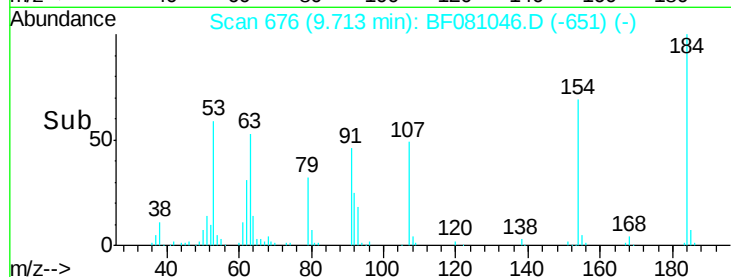
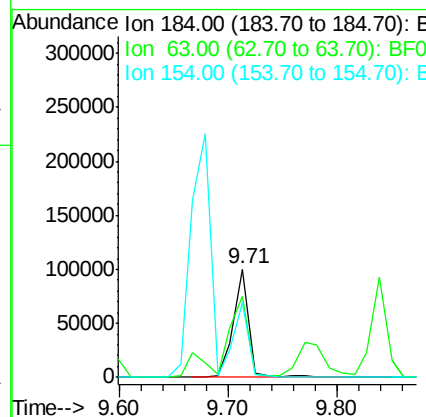
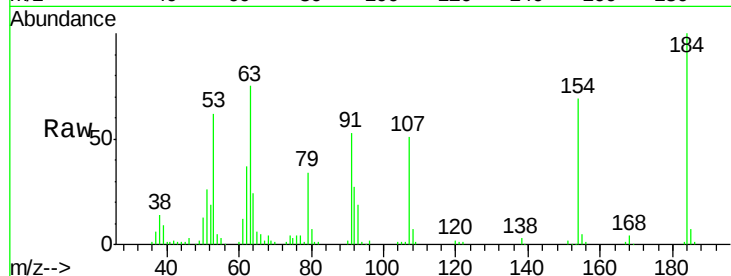
#53
 2,4-Dinitrophenol
 Concen: 86.07 ng
 RT: 9.71 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB85041BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	75.0	101.7	152.5#	
154	68.6	67.4	101.0	

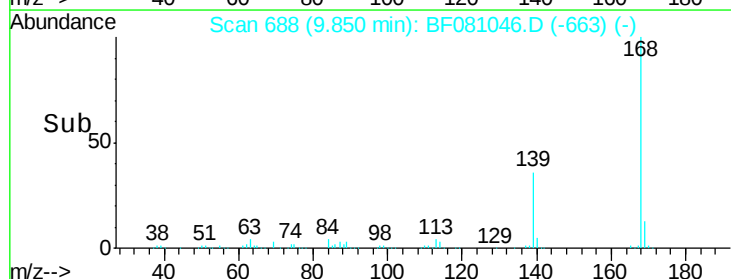
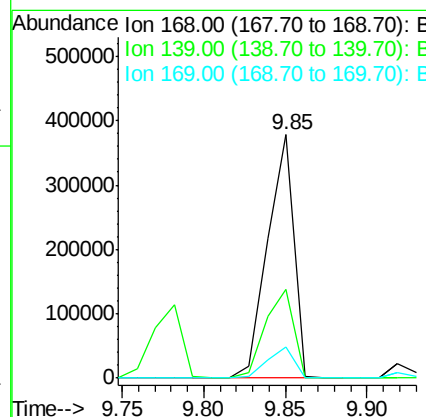
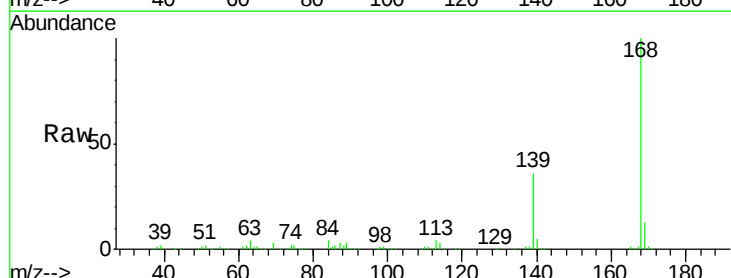
Manual Integrations
 APPROVED

MMDadoda
 8/19/2015 2:17:35 PM



#54
 Dibenzofuran
 Concen: 37.21 ng
 RT: 9.85 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	36.2	29.3	43.9	
169	12.8	10.3	15.5	





#55

4-Nitrophenol

Concen: 83.69 ng

RT: 9.78 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

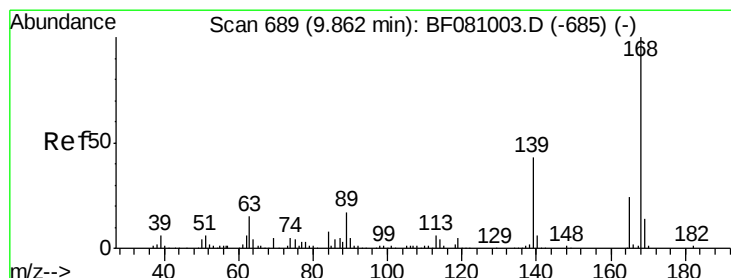
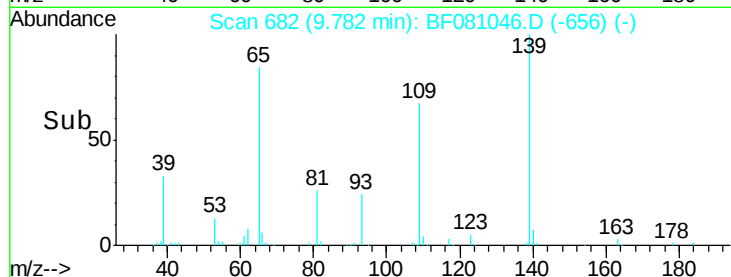
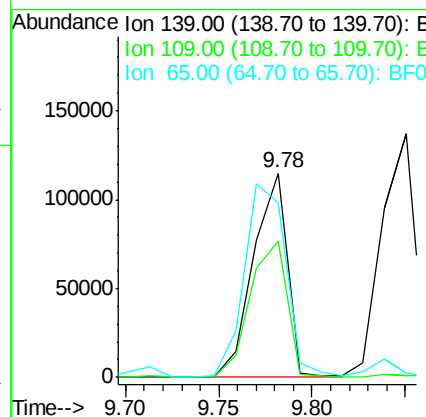
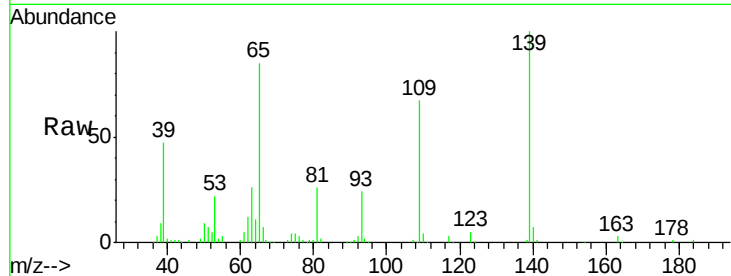
ClientSampleId :

PB85041BSD

Manual Integrations
APPROVED

MMDadoda
8/19/2015 2:17:35 PM

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	66.5	80.0	120.0#	
65	85.4	138.3	178.3#	



#56

2,4-Dinitrotoluene

Concen: 38.53 ng

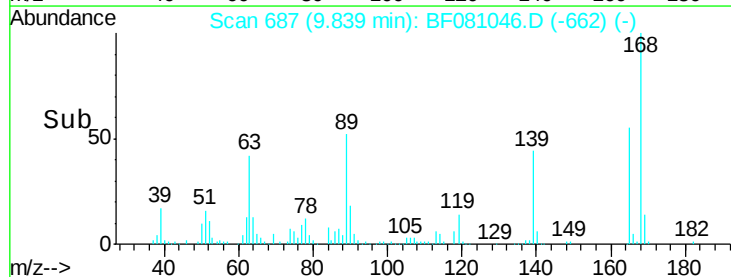
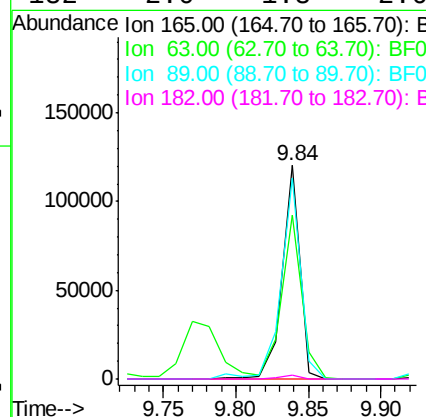
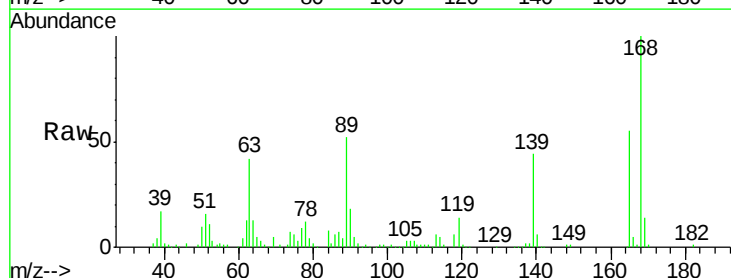
RT: 9.84 min Scan# 687

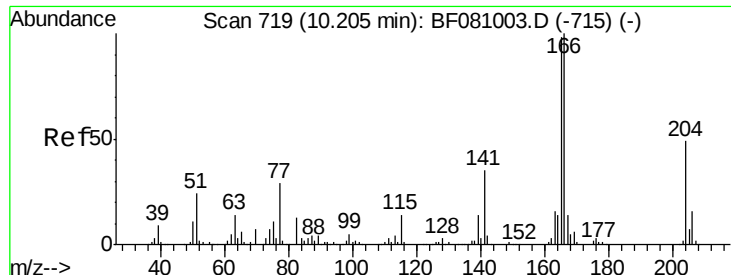
Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	76.7	52.2	78.4	
89	94.4	60.1	90.1#	
182	2.0	1.8	2.6	





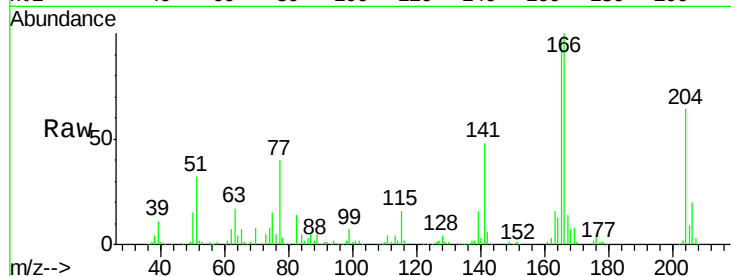
#57
 Fluorene
 Concen: 32.76 ng
 RT: 10.18 min Scan# 717
 Delta R.T. -0.02 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB85041BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	286495		
165	96.8	75.8	113.8	
167	14.1	11.3	16.9	

Manual Integrations
 APPROVED

MMDadoda
 8/19/2015 2:17:35 PM

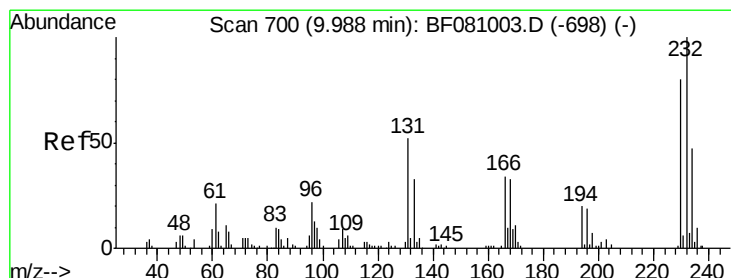
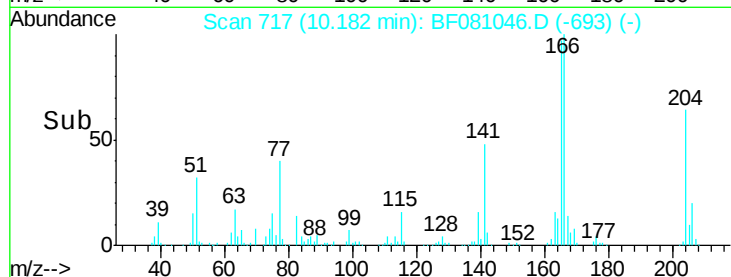
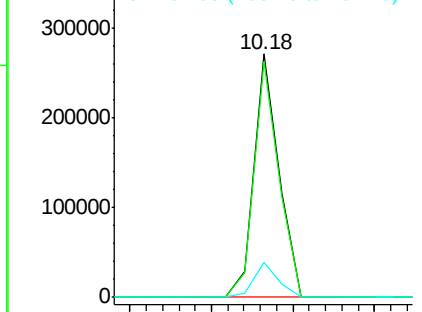


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.38 ng m
 RT: 9.96 min Scan# 698
 Delta R.T. -0.02 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	75751		
131	50.4	42.2	63.4	
130	2.6	2.1	3.1	
166	28.7	22.4	33.6	

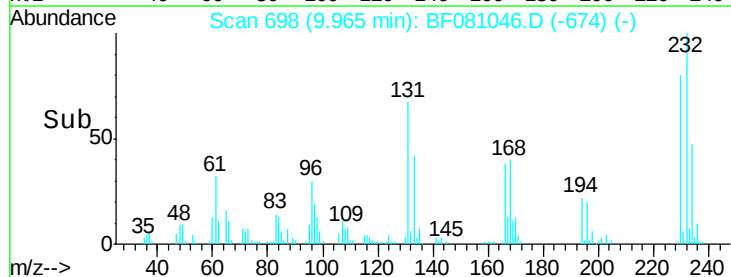
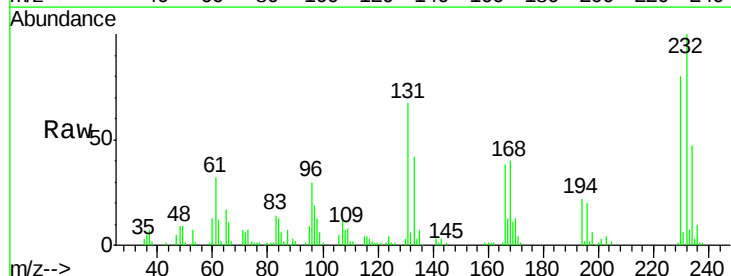
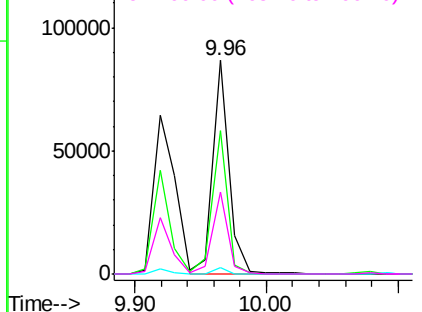
Abundance

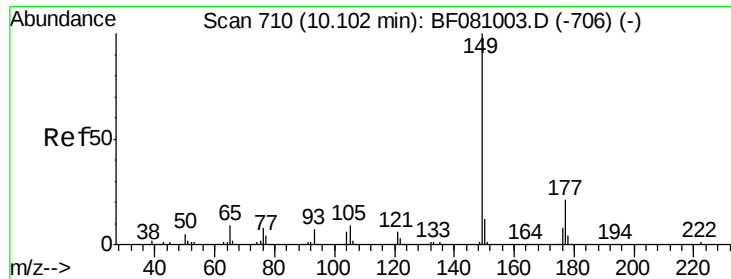
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.47 ng

RT: 10.08 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

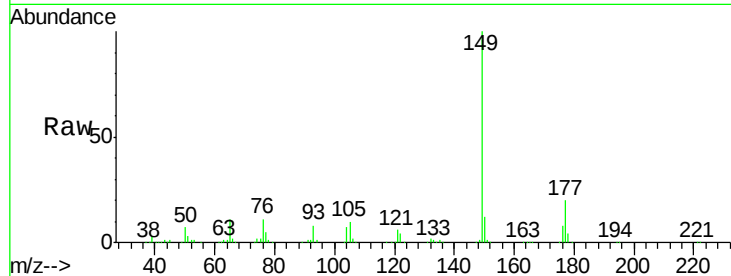
ClientSampleId :

PB85041BSD

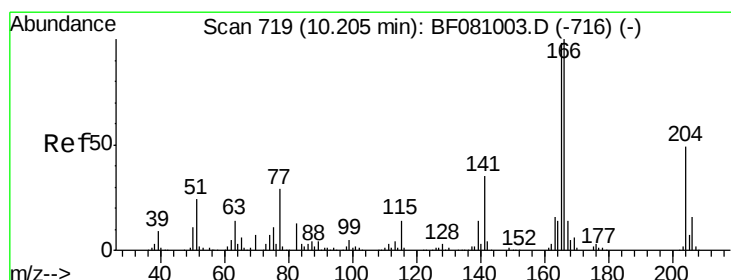
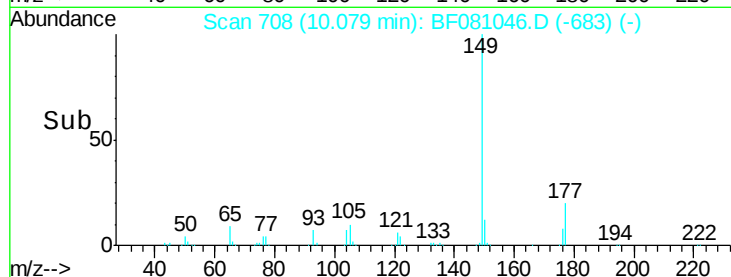
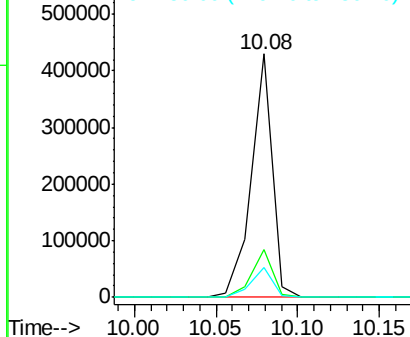
Tot Ion:	149	Resp:	385129
Ion Ratio	Lower	Upper	
149	100		
177	19.6	14.1	21.1
150	12.3	10.3	15.5

Manual Integrations
APPROVED

MMDadoda
8/19/2015 2:17:35 PM



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



#60

4-Chlorophenyl-phenylether

Concen: 38.36 ng

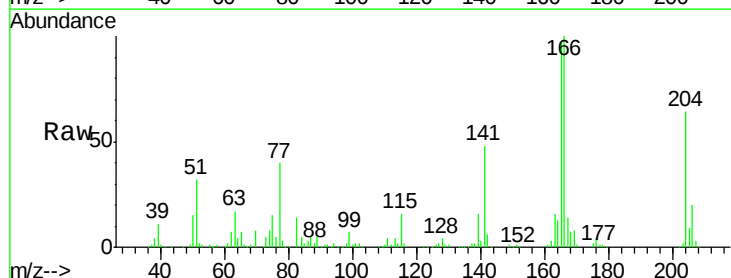
RT: 10.18 min Scan# 717

Delta R.T. -0.02 min

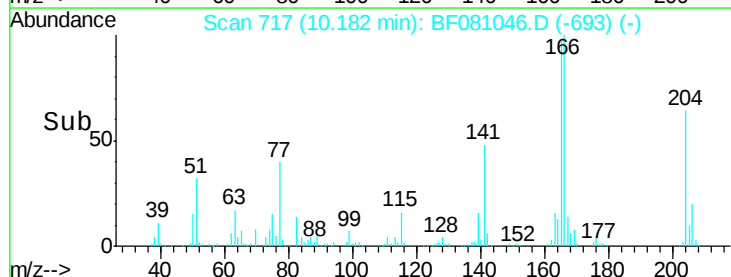
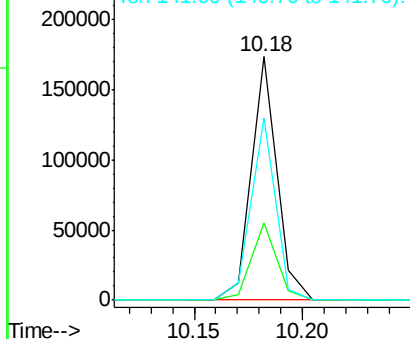
Lab File: BF081046.D

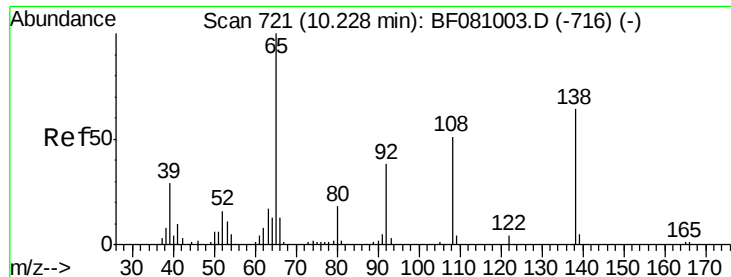
Acq: 18 Aug 2015 17:03

Tgt Ion:	204	Resp:	141934
Ion Ratio	Lower	Upper	
204	100		
206	31.8	26.2	39.2
141	74.7	59.6	89.4



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





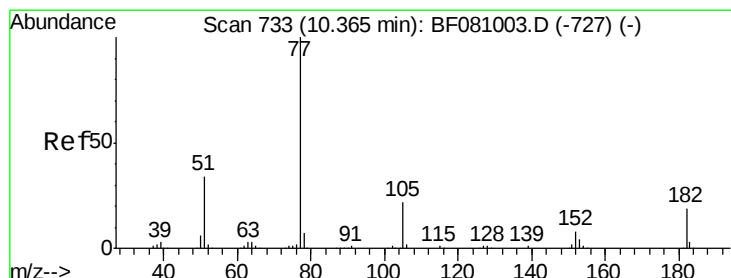
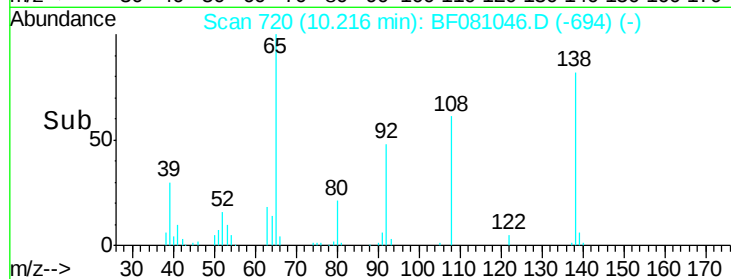
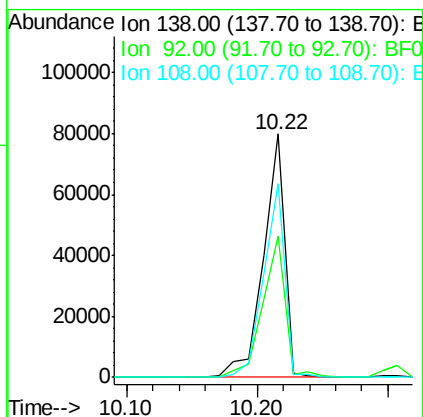
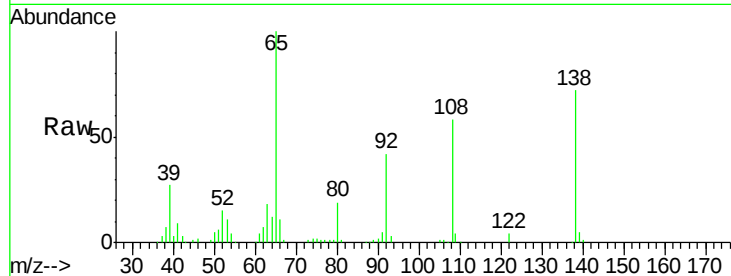
#61
4-Nitroaniline
Concen: 36.27 ng
RT: 10.22 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF081046.D
Acq: 18 Aug 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB85041BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	58.0	34.7	74.7
108	79.6	68.9	108.9

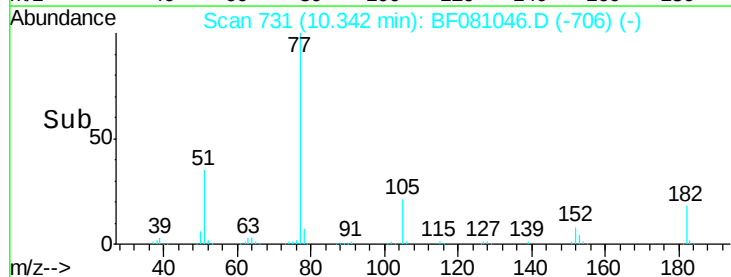
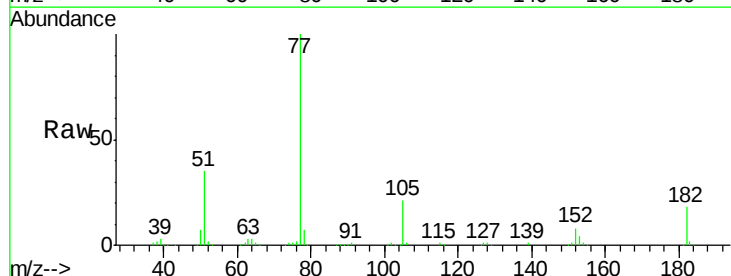
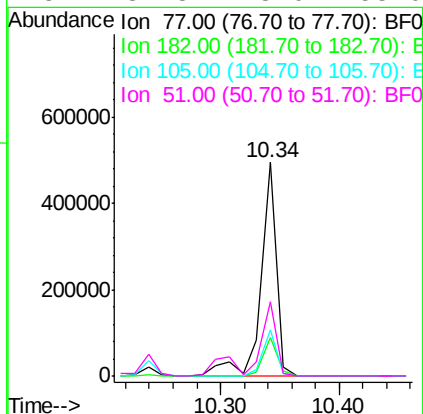
Manual Integrations
APPROVED

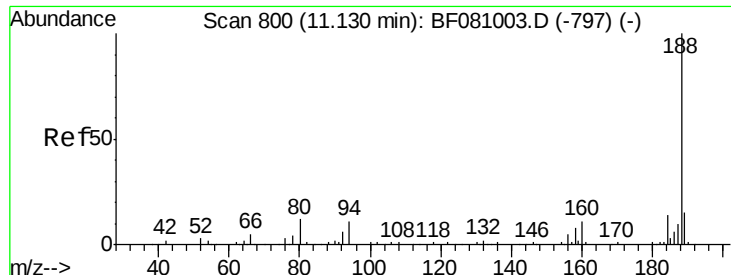
MMDadoda
8/19/2015 2:17:35 PM



#62
Azobenzene
Concen: 40.32 ng
RT: 10.34 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF081046.D
Acq: 18 Aug 2015 17:03

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.8	0.0	39.0
105	21.3	0.2	40.2
51	34.8	18.0	58.0





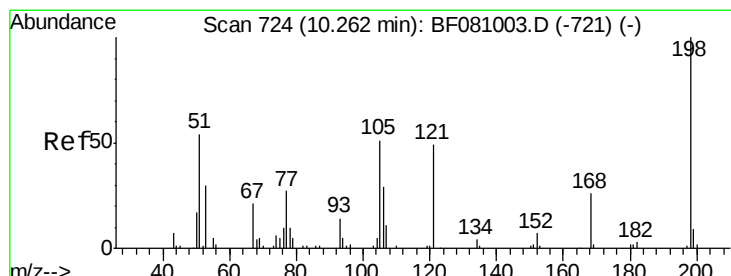
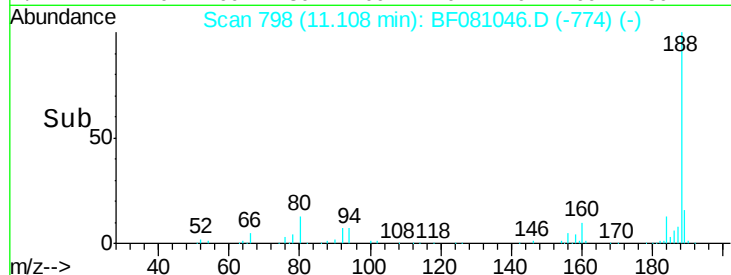
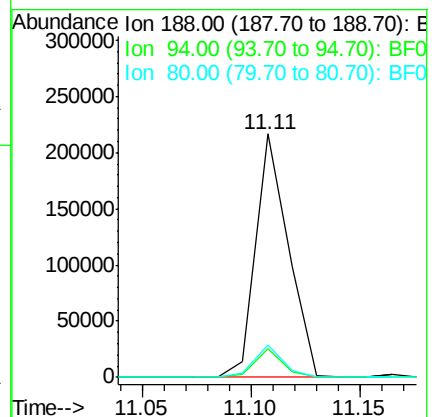
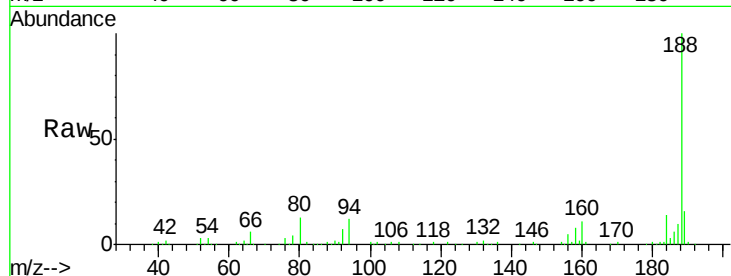
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB85041BSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.8	8.2	12.2
80	13.3	9.5	14.3

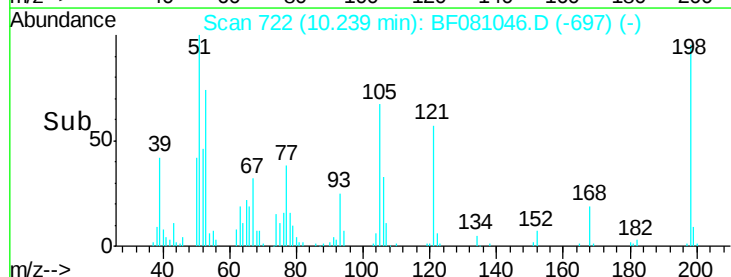
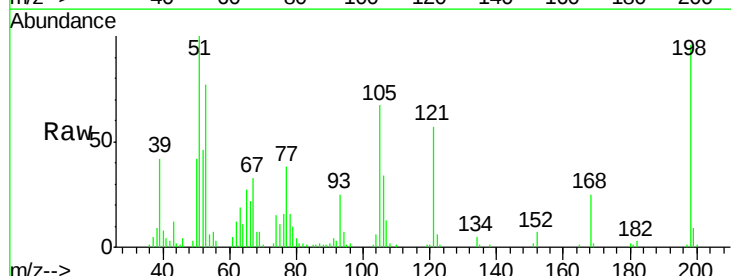
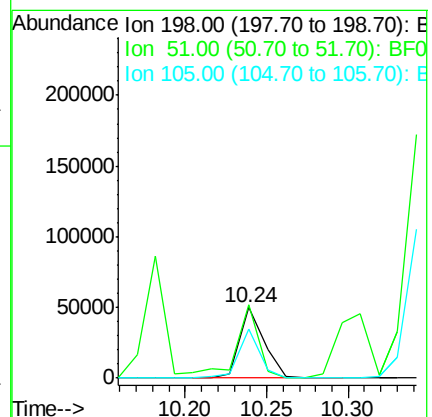
Manual Integrations
 APPROVED

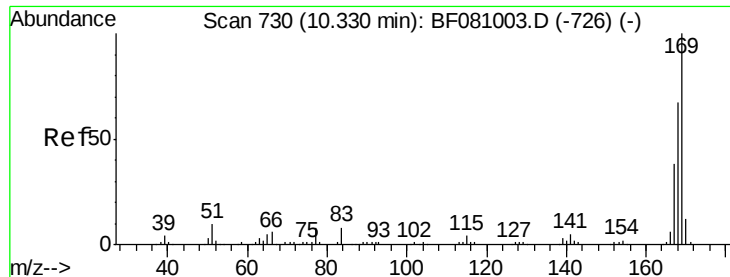
MMDadoda
 8/19/2015 2:17:35 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.68 ng
 RT: 10.24 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	103.9	79.7	119.7
105	70.0	47.0	87.0





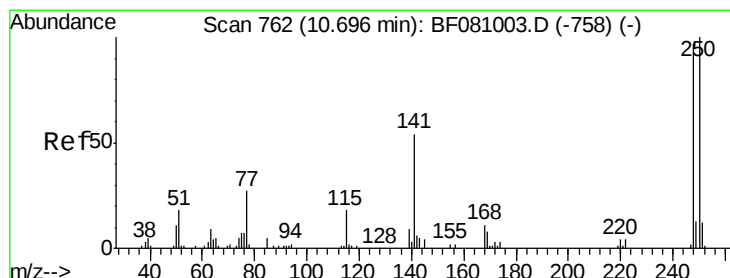
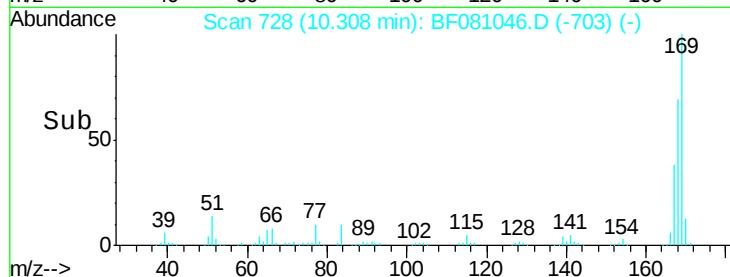
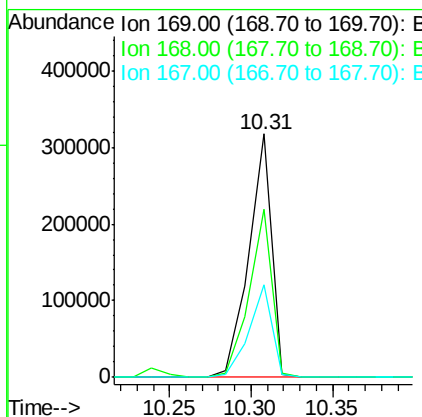
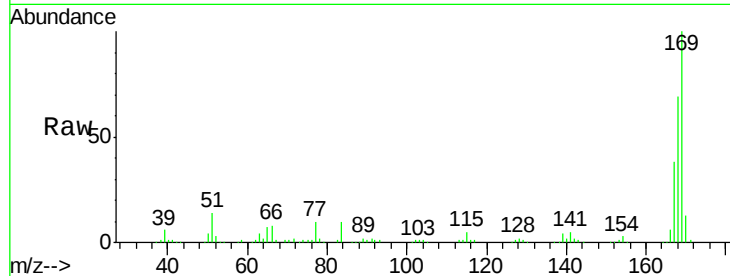
#65
 n-Nitrosodiphenylamine
 Concen: 38.08 ng
 RT: 10.31 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB85041BSD

Manual Integrations
 APPROVED

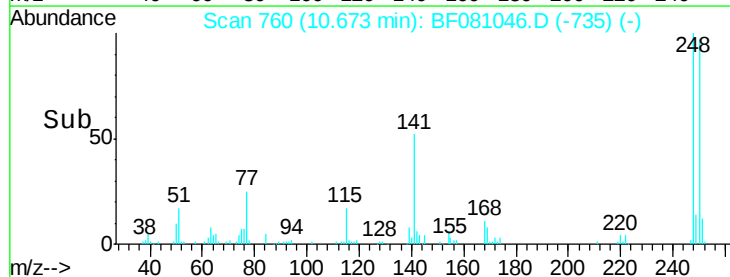
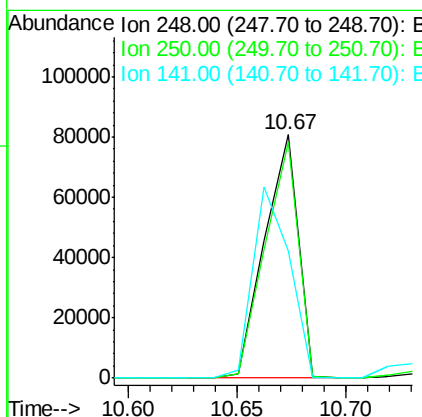
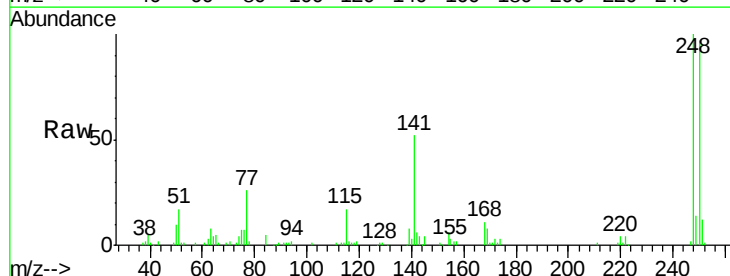
MMDadoda
 8/19/2015 2:17:35 PM

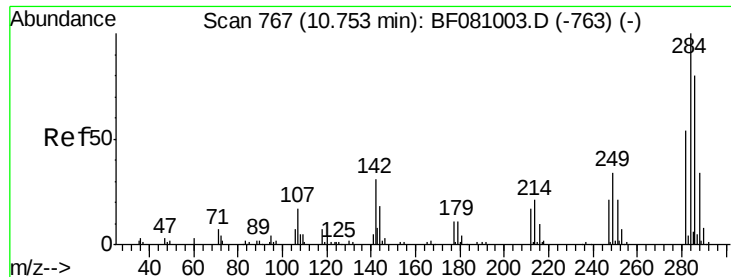
Tot Ion	Ratio	Resp	Lower	Upper
169	100	308271		
168	69.2		55.3	82.9
167	38.1		30.8	46.2



#66
 4-Bromophenyl-phenylether
 Concen: 39.57 ng
 RT: 10.67 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	88149		
250	96.8		77.8	116.6
141	52.3		39.8	59.6





#67

Hexachlorobenzene

Concen: 39.06 ng

RT: 10.73 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

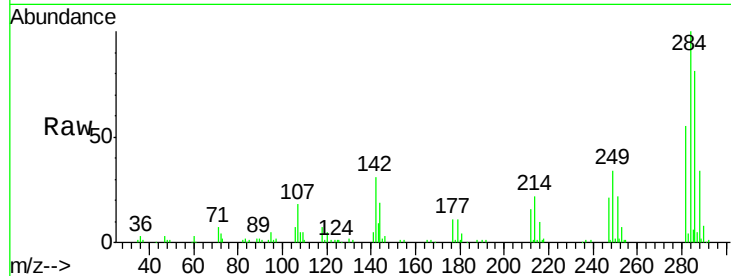
ClientSampleId :

PB85041BSD

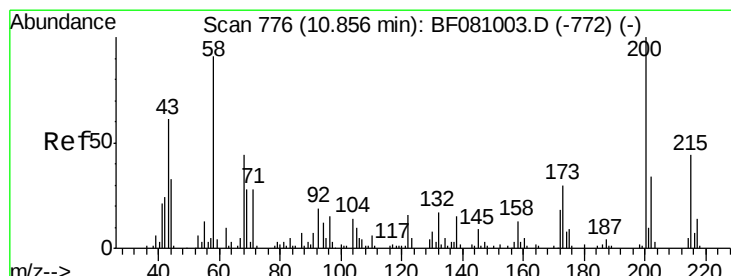
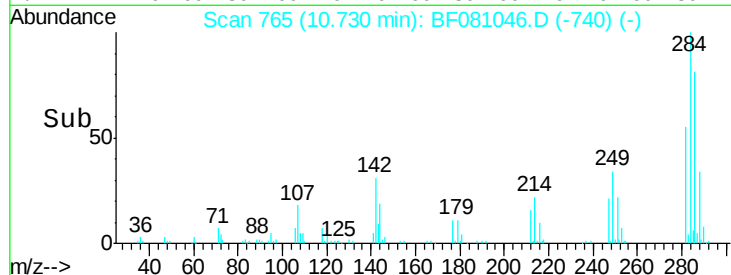
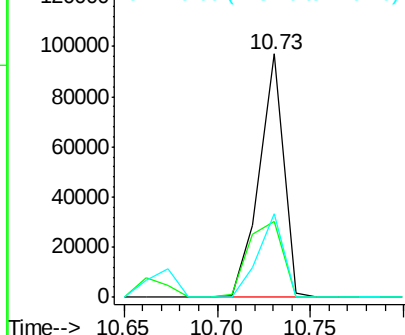
Tot Ion:	284	Resp:	88142
Ion Ratio	Lower	Upper	
284	100		
142	31.3	25.4	38.0
249	34.1	28.5	42.7

Manual Integrations
APPROVED

MMDadoda
8/19/2015 2:17:35 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: 40.62 ng

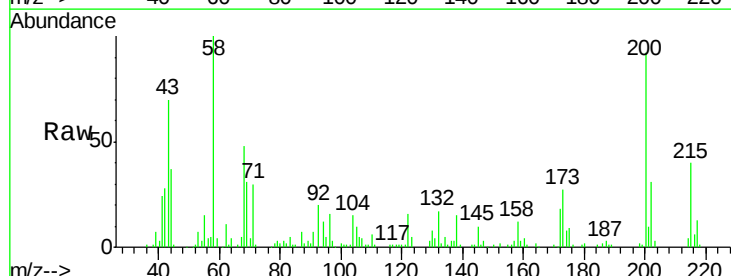
RT: 10.83 min Scan# 774

Delta R.T. -0.01 min

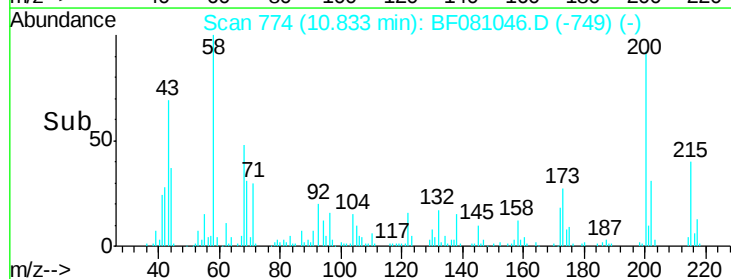
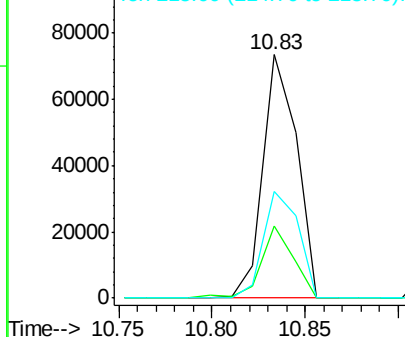
Lab File: BF081046.D

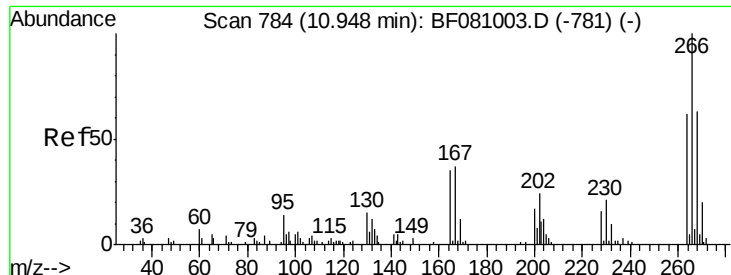
Acq: 18 Aug 2015 17:03

Tgt Ion:	200	Resp:	91628
Ion Ratio	Lower	Upper	
200	100		
173	29.8	8.1	48.1
215	43.6	23.3	63.3



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





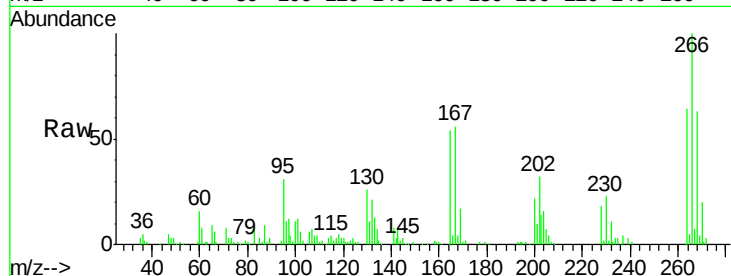
#69
 Pentachlorophenol
 Concen: 76.72 ng
 RT: 10.92 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB85041BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	103868		
268	63.2	51.2	76.8	
264	63.6	50.6	75.8	

Manual Integrations
 APPROVED

MMDadoda
 8/19/2015 2:17:35 PM

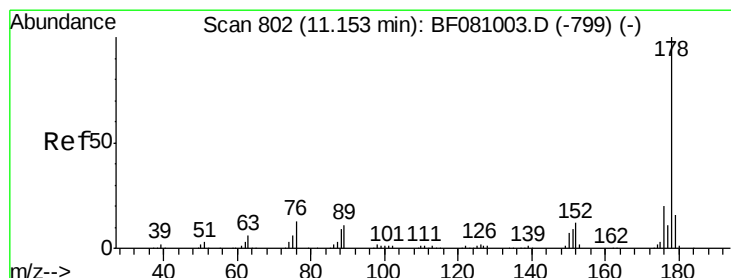
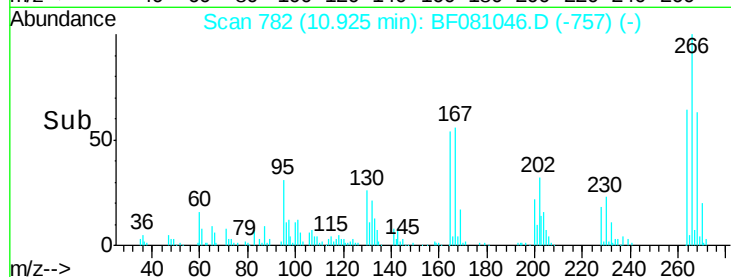
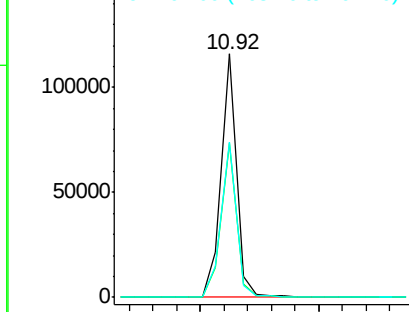


Abundance

Ion 265.70 (265.40 to 266.40): E

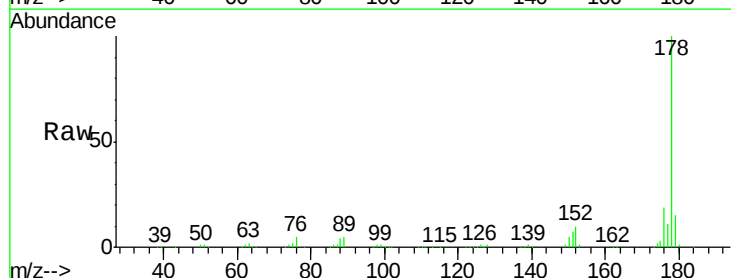
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 34.91 ng
 RT: 11.14 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	469276		
176	19.2	15.7	23.5	
179	15.1	12.2	18.2	

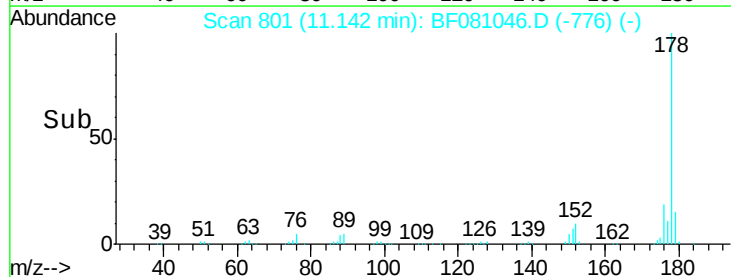
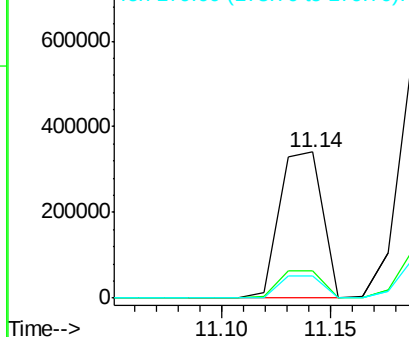


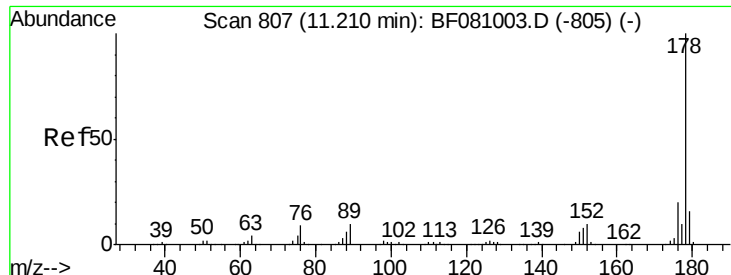
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





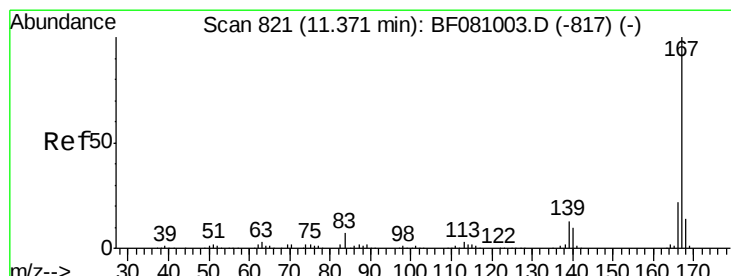
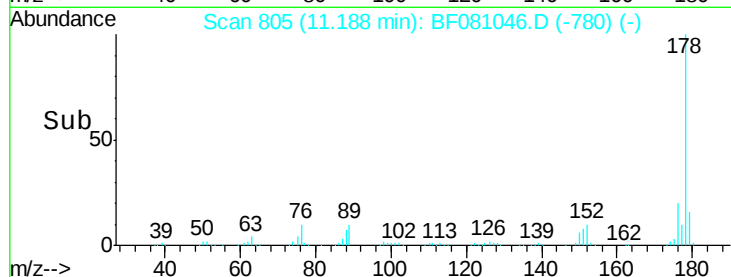
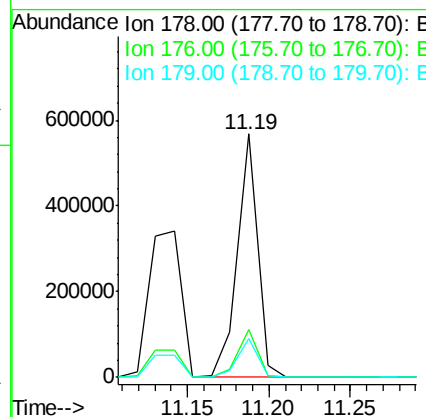
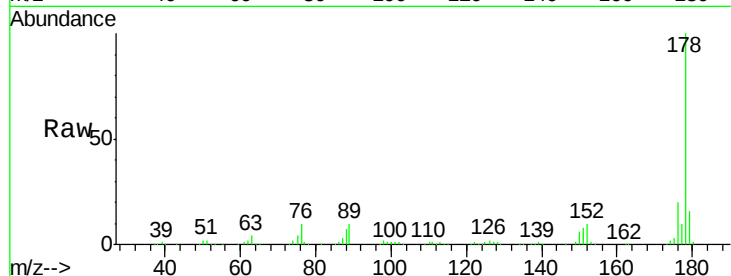
#71
 Anthracene
 Concen: 37.05 ng
 RT: 11.19 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB85041BSD

Tot Ion	Ratio	Resp	Lower	Upper
178	100	484577		
176	19.5		15.7	23.5
179	15.7		12.7	19.1

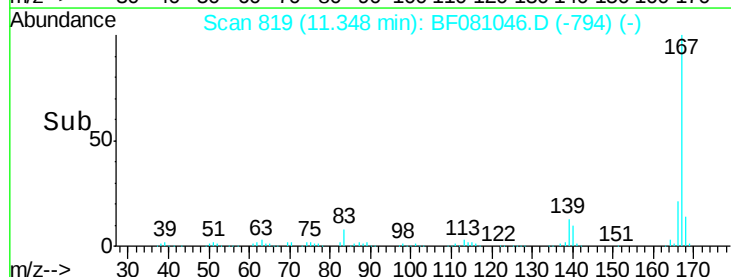
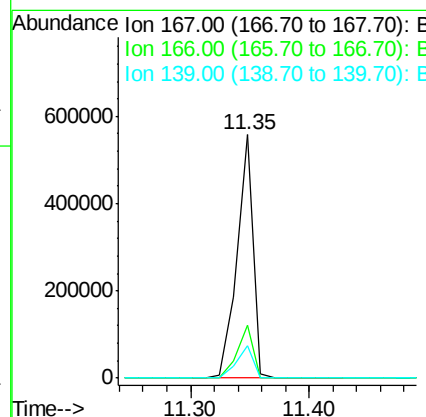
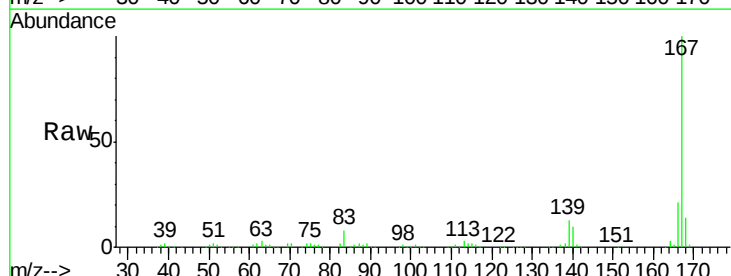
Manual Integrations
 APPROVED

MMDadoda
 8/19/2015 2:17:35 PM



#72
 Carbazole
 Concen: 41.36 ng
 RT: 11.35 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	520876		
166	21.5		17.4	26.0
139	13.4		10.6	16.0





#73

Di-n-butylphthalate

Concen: 41.01 ng

RT: 11.69 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

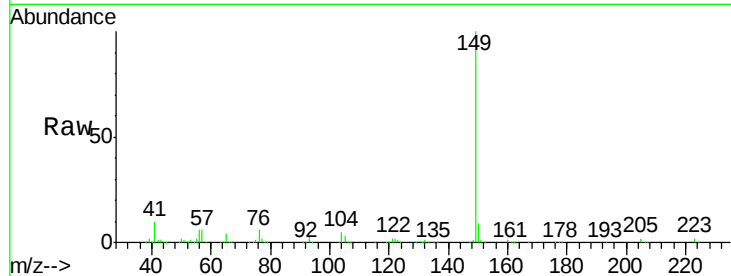
ClientSampleId :

PB85041BSD

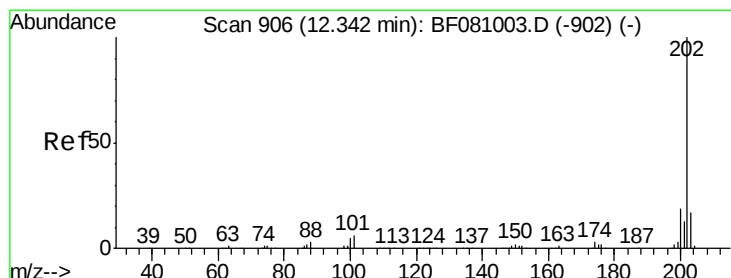
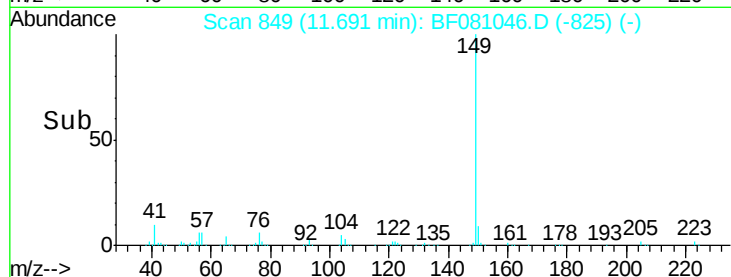
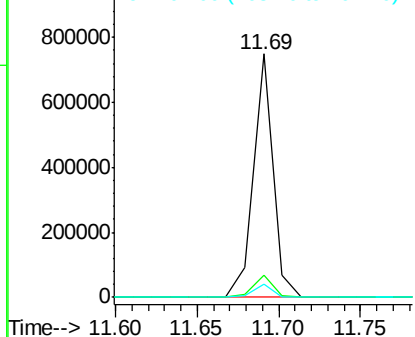
Tot Ion:	149	Resp:	624953
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.1	10.7
104	5.3	3.9	5.9

Manual Integrations
APPROVED

MMDadoda
8/19/2015 2:17:35 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.89 ng

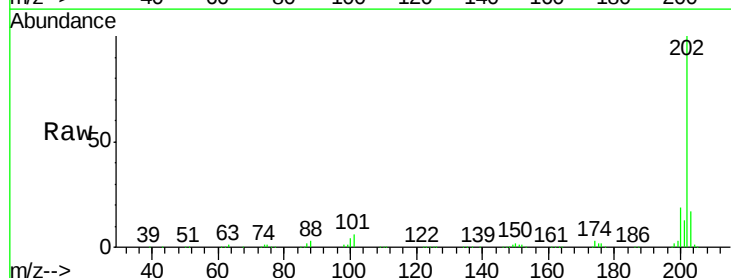
RT: 12.32 min Scan# 904

Delta R.T. -0.01 min

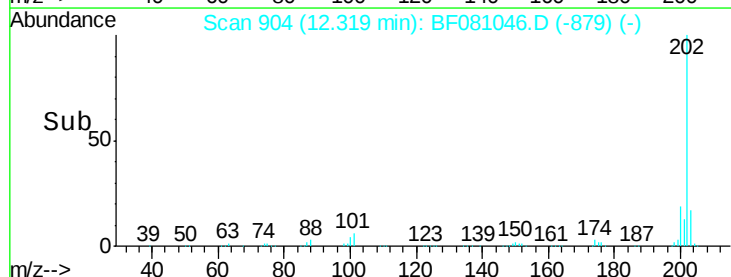
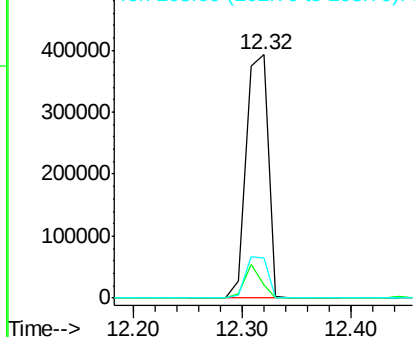
Lab File: BF081046.D

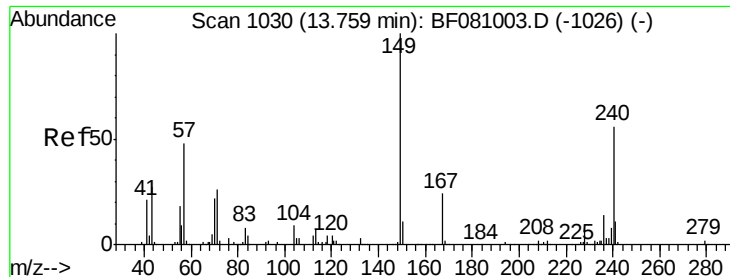
Acq: 18 Aug 2015 17:03

Tgt Ion:	202	Resp:	549530
Ion Ratio	Lower	Upper	
202	100		
101	5.6	0.0	24.8
203	16.7	0.0	36.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.74 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB85041BSD

Tot Ion:240 Resp: 202978

Ion Ratio Lower Upper

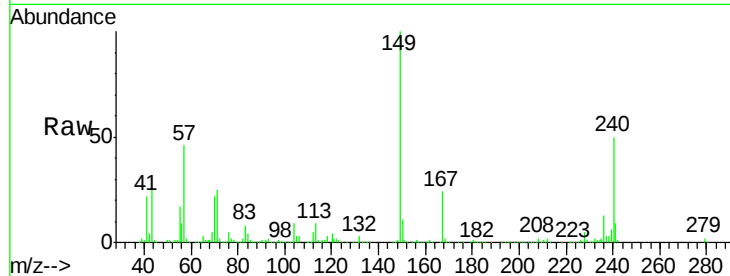
240 100

120 7.6 5.6 8.4

236 25.5 20.6 30.8

Manual Integrations
APPROVED

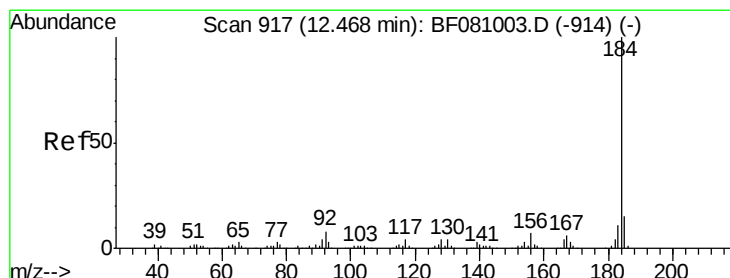
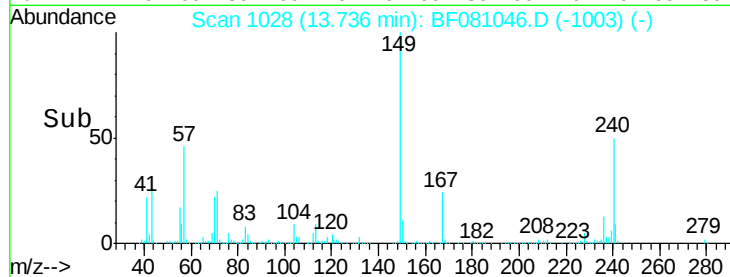
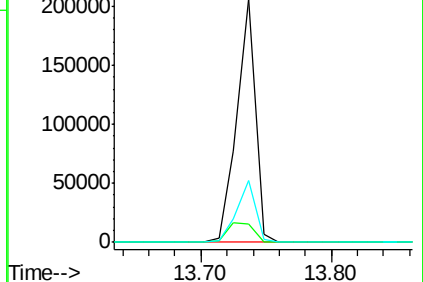
MMDadoda
8/19/2015 2:17:35 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.42 ng

RT: 12.44 min Scan# 915

Delta R.T. -0.02 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Tgt Ion:184 Resp: 294588

Ion Ratio Lower Upper

184 100

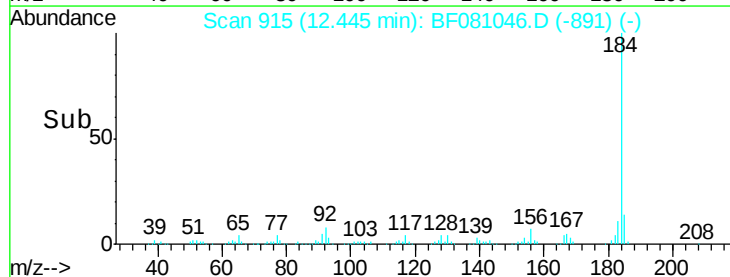
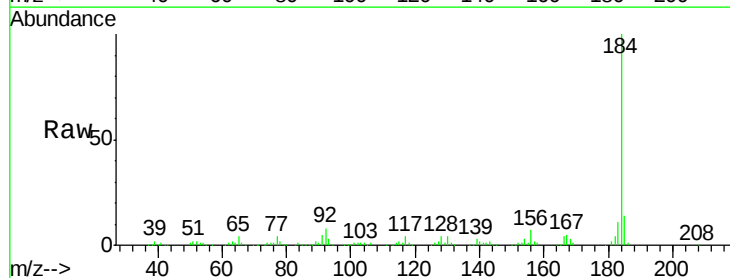
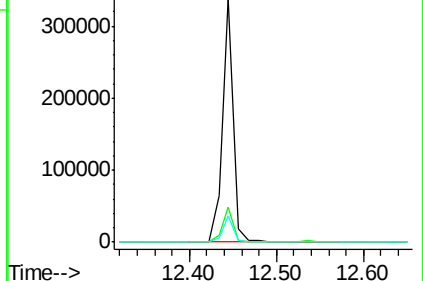
185 14.5 12.0 18.0

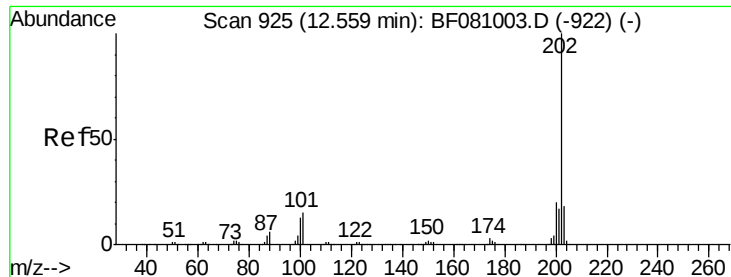
183 10.6 8.9 13.3

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 30.74 ng

RT: 12.54 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

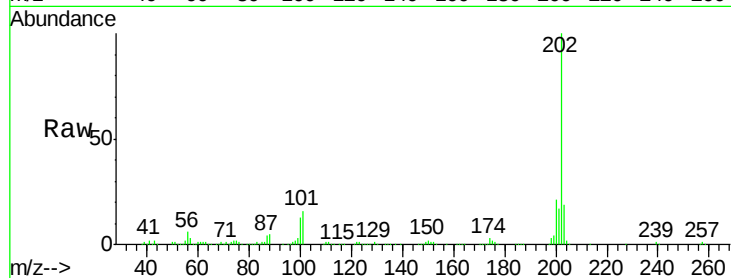
ClientSampleId :

PB85041BSD

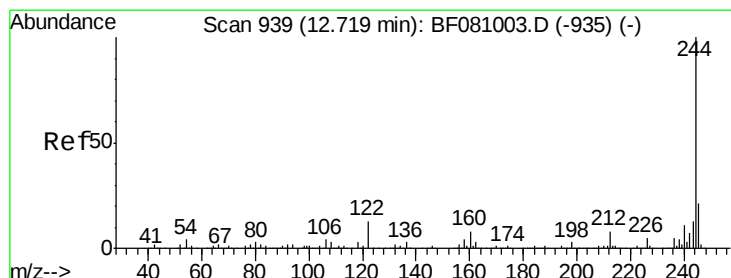
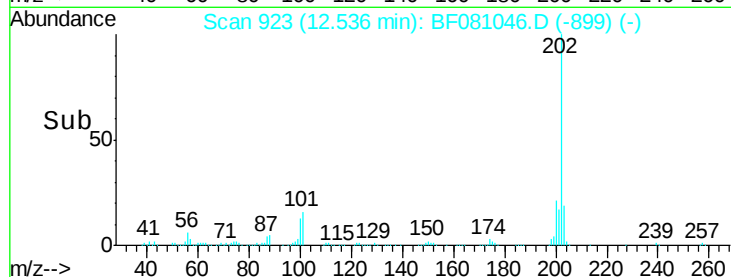
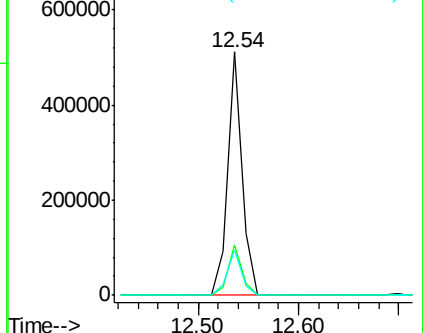
Tot Ion:	202	Resp:	507222
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.6	24.8
203	18.5	14.1	21.1

Manual Integrations
APPROVED

MMDadoda
8/19/2015 2:17:35 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 64.64 ng

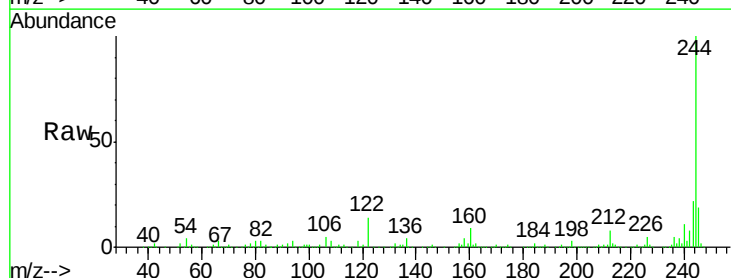
RT: 12.70 min Scan# 937

Delta R.T. -0.01 min

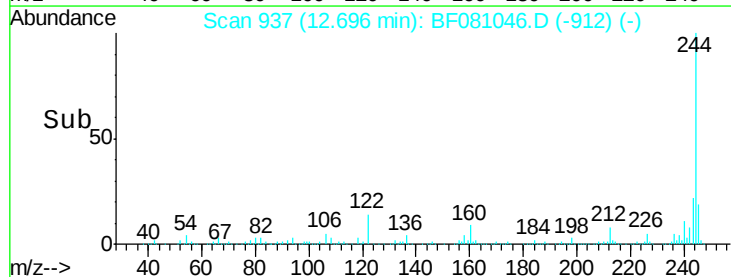
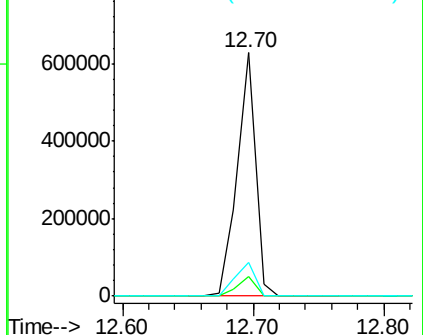
Lab File: BF081046.D

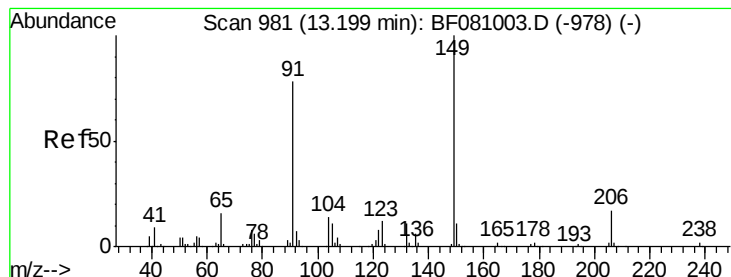
Acq: 18 Aug 2015 17:03

Tgt Ion:	244	Resp:	612047
Ion Ratio	Lower	Upper	
244	100		
212	8.0	5.8	8.8
122	14.0	8.2	12.4#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.66 ng

RT: 13.18 min Scan# 979

Delta R.T. -0.02 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

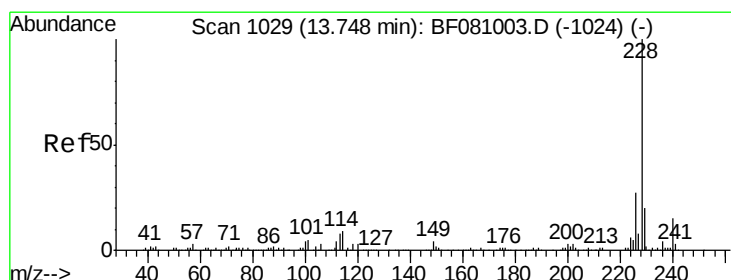
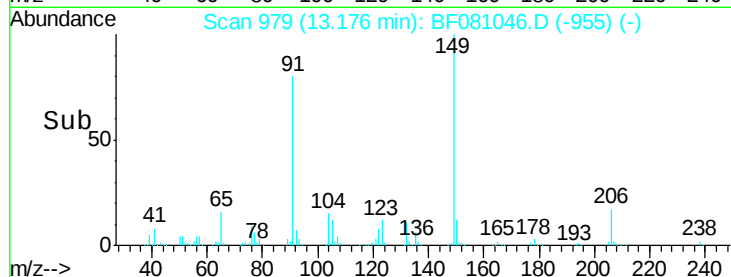
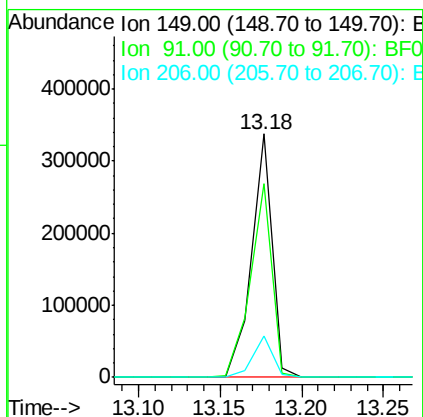
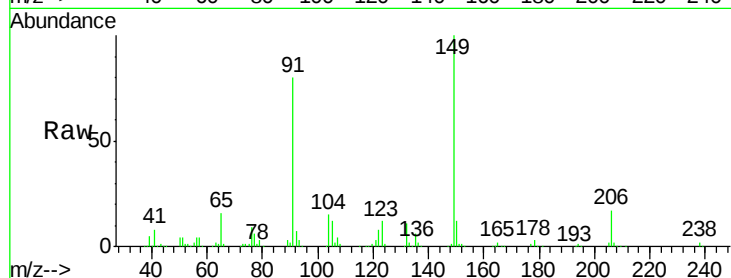
ClientSampleId :

PB85041BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	295502		
91	79.5	46.9	70.3#	
206	16.9	17.0	25.4#	

Manual Integrations
APPROVED

MMDadoda
8/19/2015 2:17:35 PM



#80

Benzo(a)anthracene

Concen: 36.82 ng

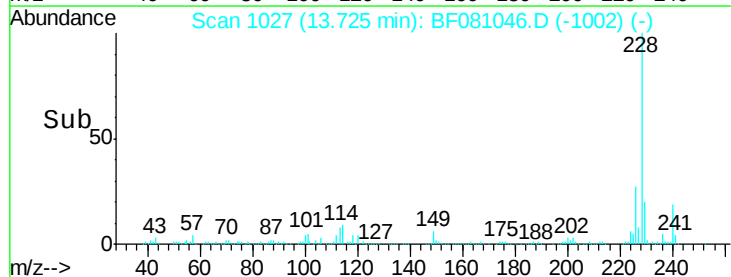
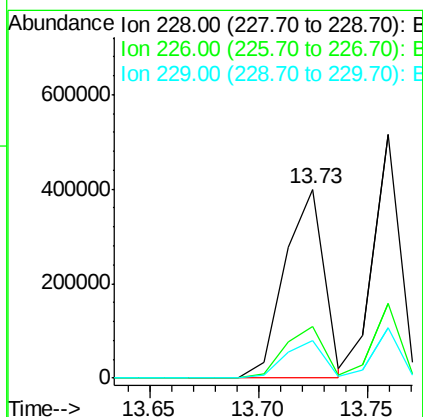
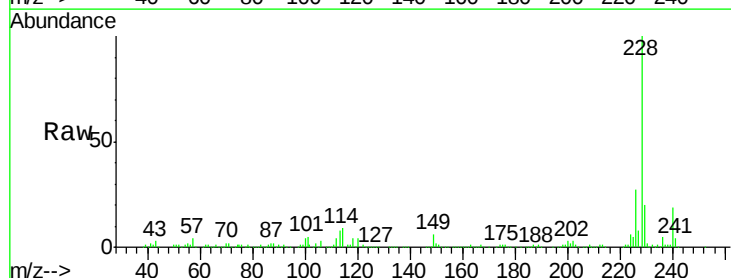
RT: 13.73 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	501255		
226	27.4	22.3	33.5	
229	19.7	15.9	23.9	





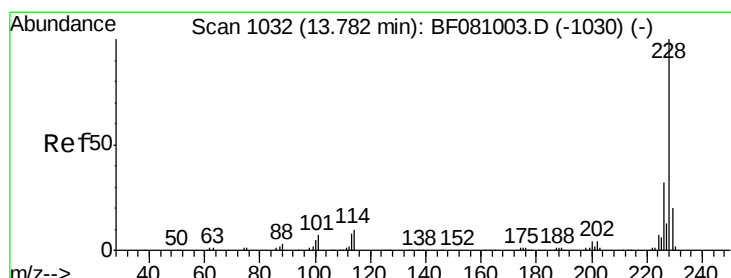
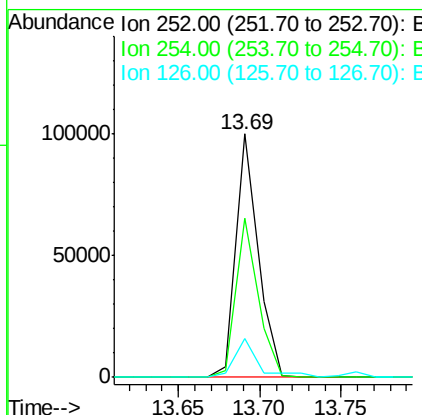
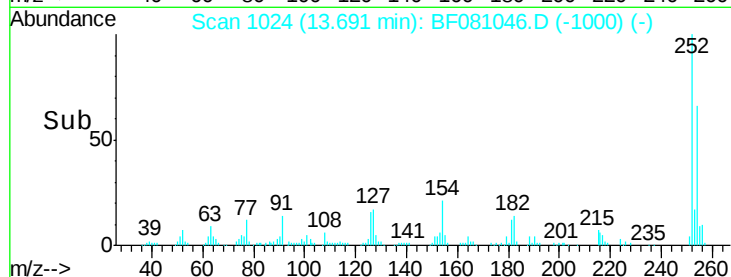
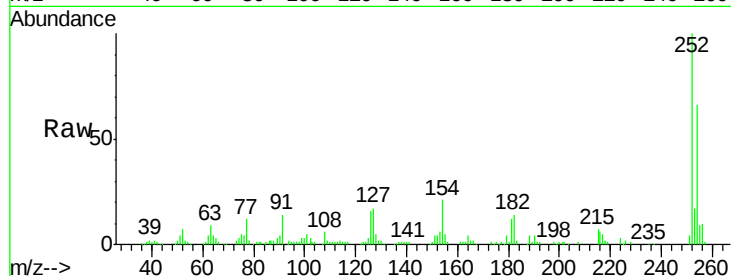
#81
 3,3'-Dichlorobenzidine
 Concen: 21.29 ng
 RT: 13.69 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB85041BSD

Tot Ion:	252	Resp:	93876
Ion Ratio	Lower	Upper	
252	100		
254	65.5	51.5	77.3
126	15.9	12.5	18.7

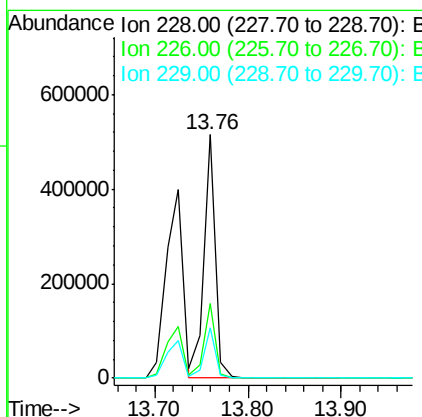
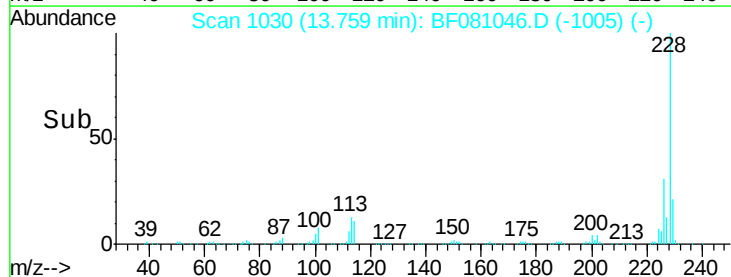
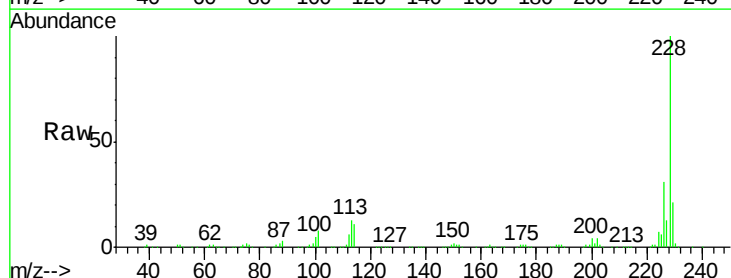
Manual Integrations
 APPROVED

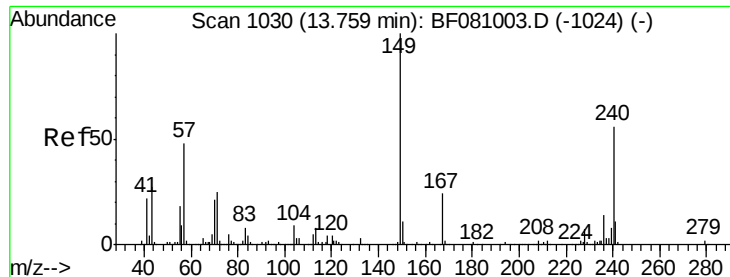
MMDadoda
 8/19/2015 2:17:35 PM



#82
 Chrysene
 Concen: 36.26 ng
 RT: 13.76 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Tgt Ion:	228	Resp:	444787
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.4	36.6
229	20.6	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.36 ng

RT: 13.74 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB85041BSD

Tot Ion:149 Resp: 403013
Ion Ratio Lower Upper

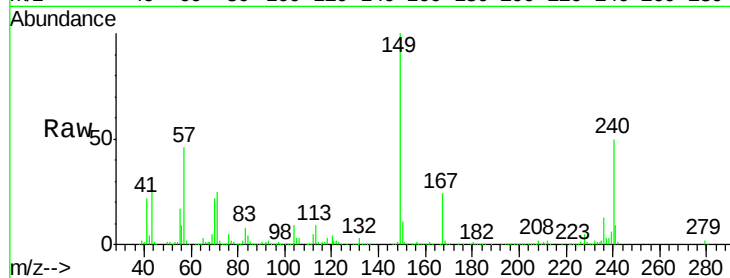
149 100

167 24.4 20.7 31.1

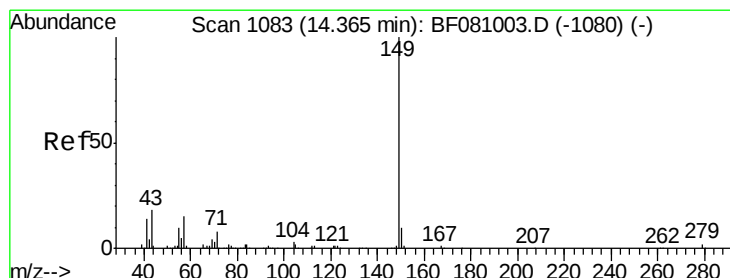
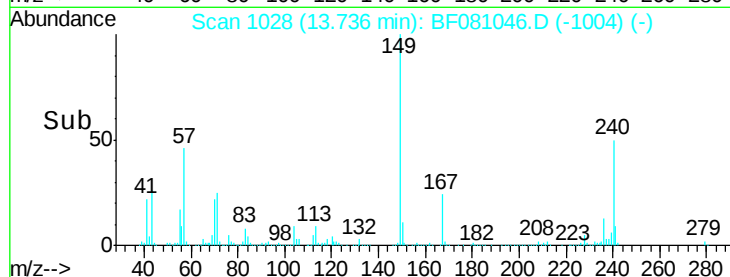
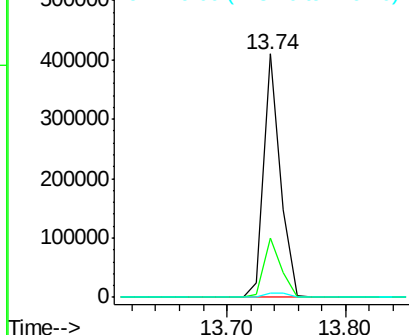
279 1.6 2.2 3.4#

Manual Integrations
APPROVED

MMDadoda
8/19/2015 2:17:35 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 51.24 ng

RT: 14.34 min Scan# 1081

Delta R.T. -0.02 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

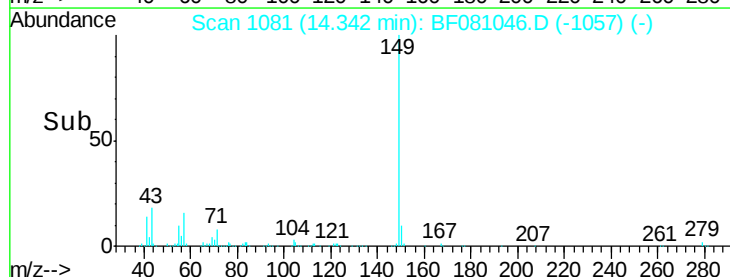
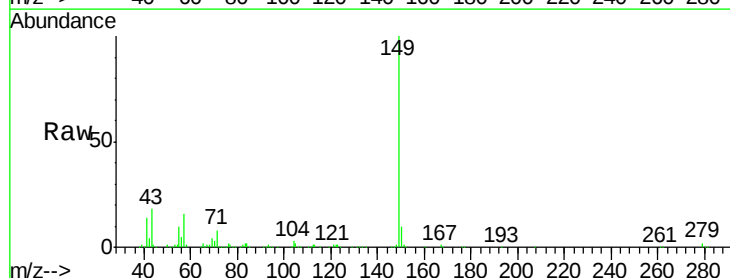
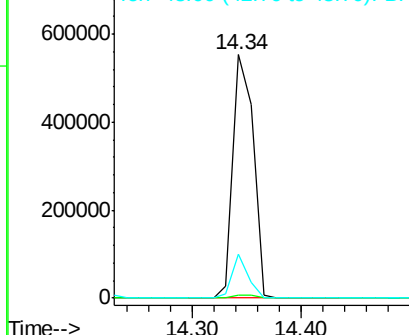
Tgt Ion:149 Resp: 707583
Ion Ratio Lower Upper

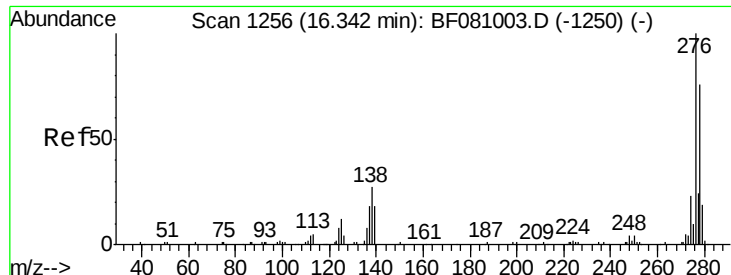
149 100

167 1.5 1.1 1.7

43 13.8 11.6 17.4

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





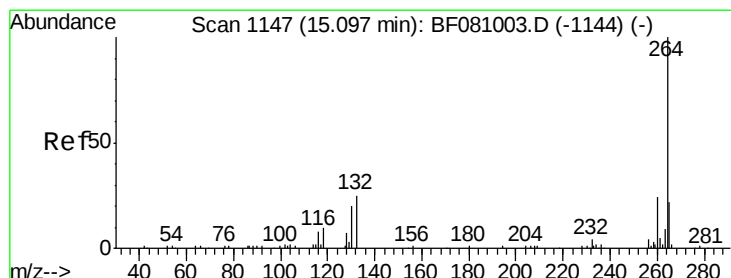
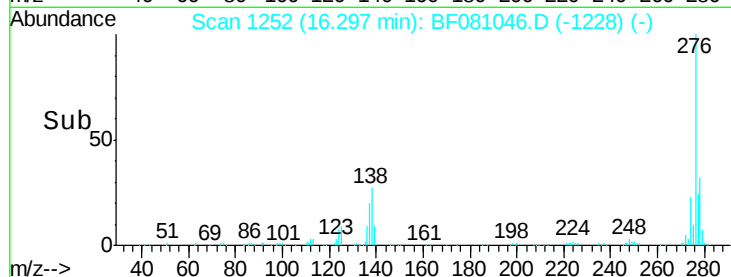
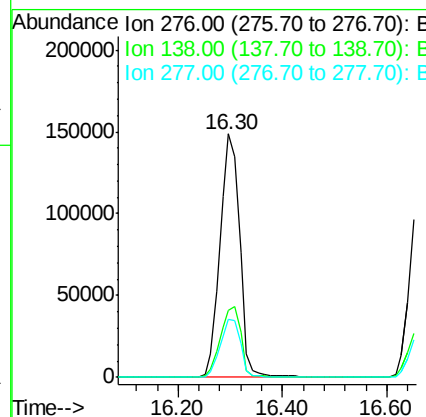
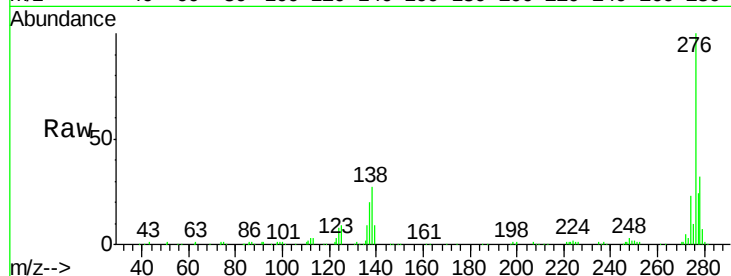
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.26 ng
RT: 16.30 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF081046.D
Acq: 18 Aug 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB85041BSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	389795		
138	30.2		18.6	28.0#
277	24.6		19.8	29.8

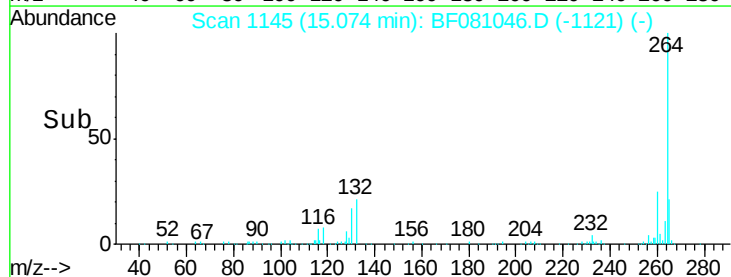
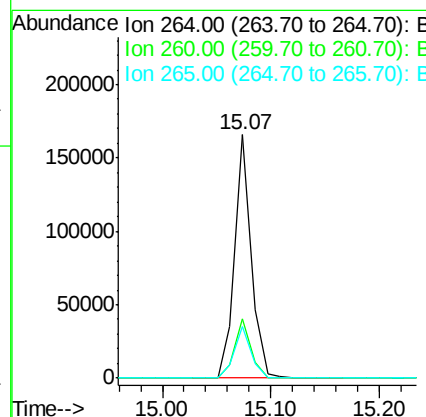
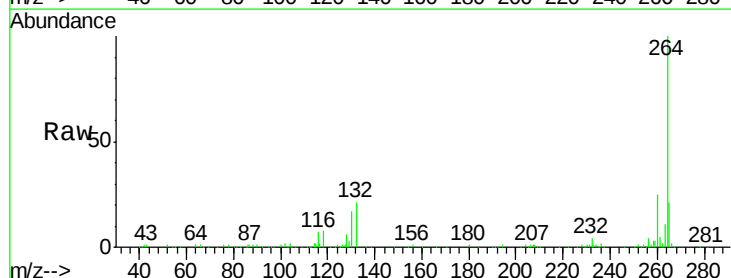
Manual Integrations
APPROVED

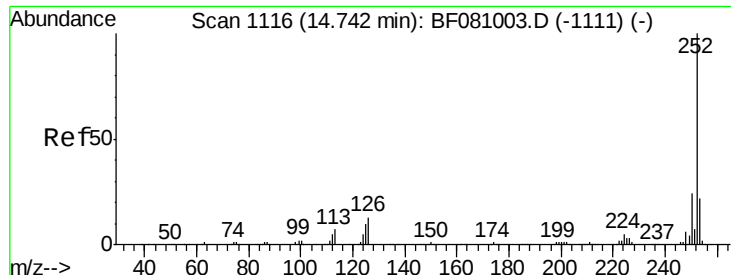
MMDadoda
8/19/2015 2:17:35 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF081046.D
Acq: 18 Aug 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	173835		
260	24.6		19.6	29.4
265	21.3		17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 40.85 ng m

RT: 14.72 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

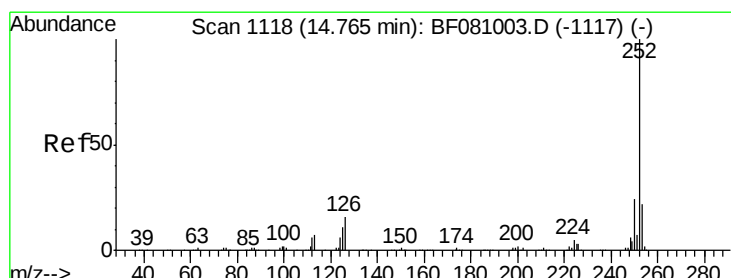
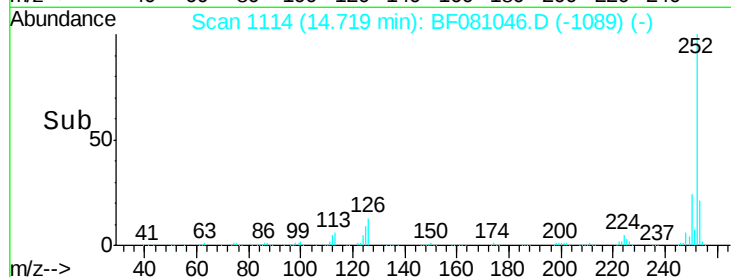
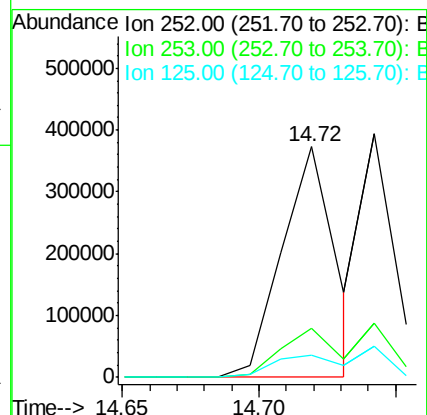
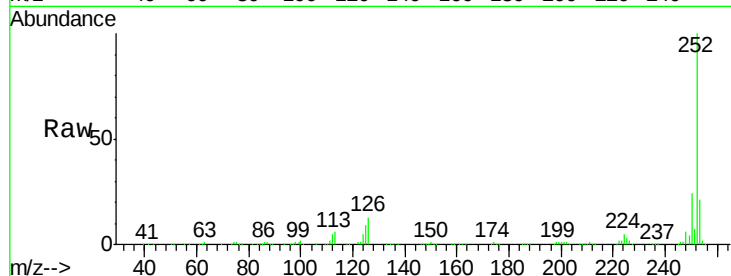
ClientSampleId :

PB85041BSD

Tot Ion:	252	Resp:	502274
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.1	25.7
125	9.4	8.0	12.0

Manual Integrations
APPROVED

MMDadoda
8/19/2015 2:17:35 PM



#88

Benzo(k)fluoranthene

Concen: 29.44 ng m

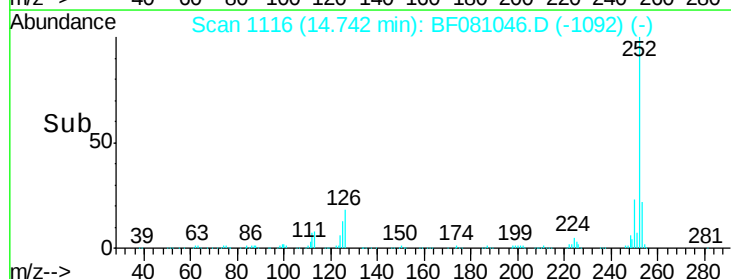
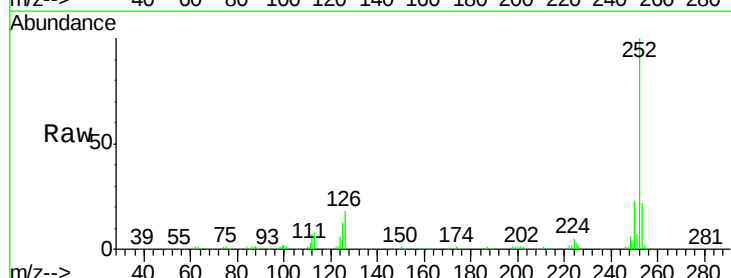
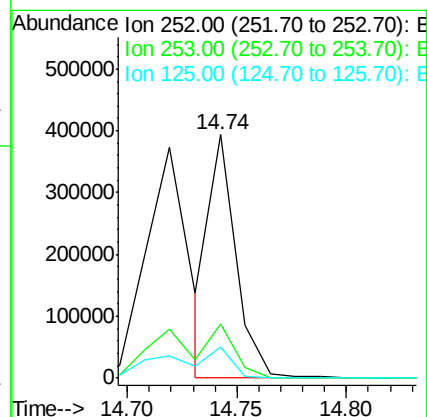
RT: 14.74 min Scan# 1116

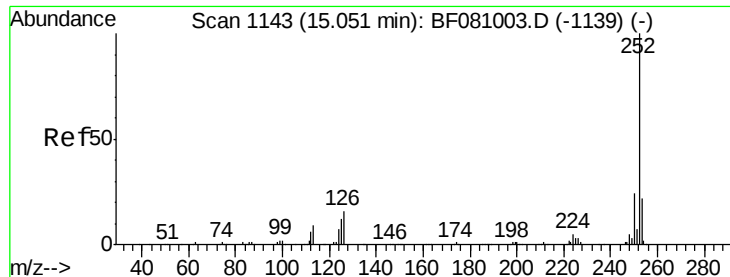
Delta R.T. -0.02 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Tgt Ion:	252	Resp:	337300
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.6	26.4
125	12.5	10.3	15.5





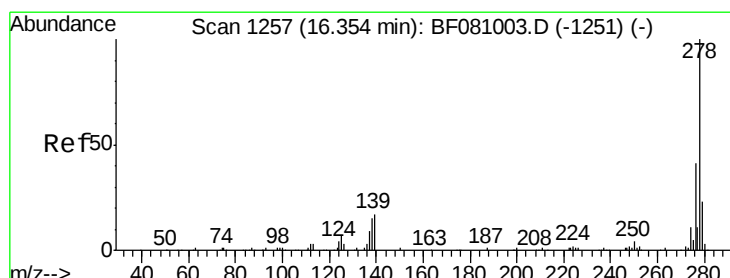
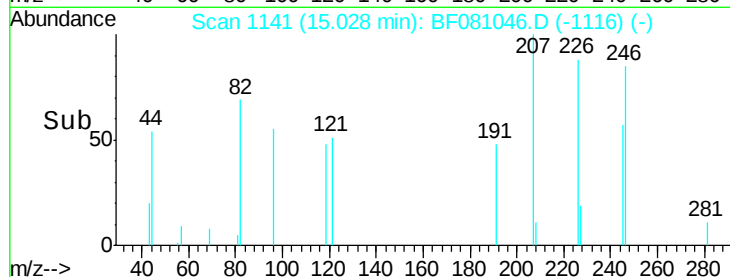
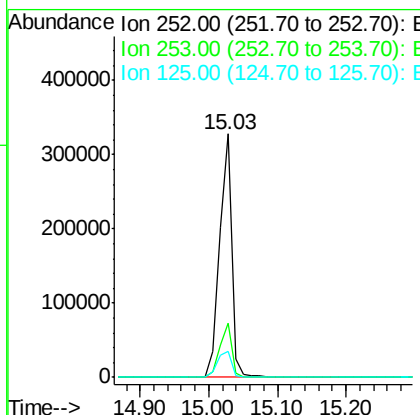
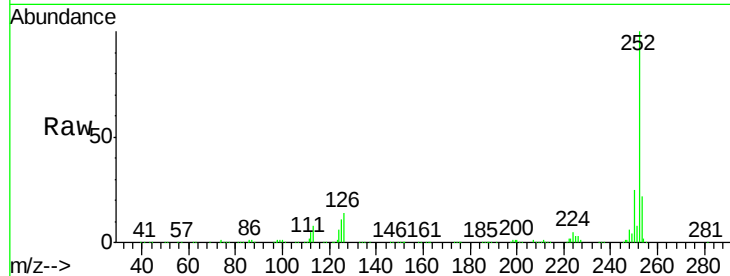
#89
Benzo(a)pyrene
Concen: 38.87 ng
RT: 15.03 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF081046.D
Acq: 18 Aug 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB85041BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	16.6	25.0
125	10.5	7.8	11.8

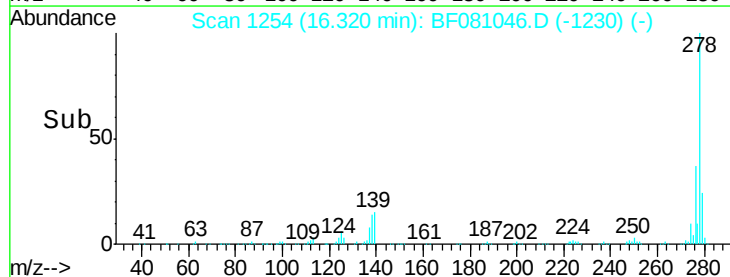
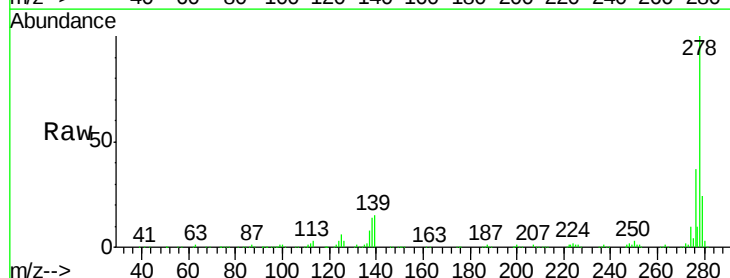
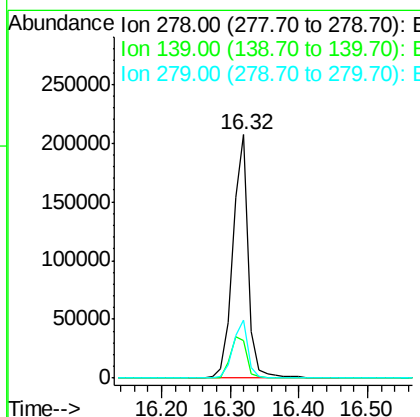
Manual Integrations
APPROVED

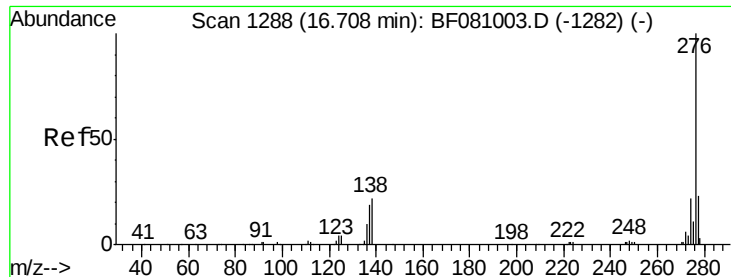
MMDadoda
8/19/2015 2:17:35 PM



#90
Dibenzo(a,h)anthracene
Concen: 39.26 ng
RT: 16.32 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF081046.D
Acq: 18 Aug 2015 17:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.3	10.8	16.2
279	23.9	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 37.21 ng
 RT: 16.66 min Scan# 1284
 Delta R.T. -0.02 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB85041BSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.8	18.2	27.2
138	26.5	13.7	20.5

Manual Integrations
 APPROVED

MMDadoda
 8/19/2015 2:17:35 PM

