

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
 Data File : BF081247.D
 Acq On : 27 Aug 2015 15:15
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

MMDadoda
 8/28/2015 2:22:43 PM

Quant Time: Aug 27 22:58:35 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 27 22:56:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	49515	20.00	ng	0.00
21) Naphthalene-d8	7.79	136	205800	20.00	ng	0.00
38) Acenaphthene-d10	9.54	164	94375	20.00	ng	0.00
63) Phenanthrene-d10	11.01	188	199947	20.00	ng	0.00
75) Chrysene-d12	13.62	240	148085	20.00	ng	0.00
86) Perylene-d12	14.94	264	113225	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.05	112	270724	82.24	ng	0.00
7) Phenol-d6	6.16	99	351616	81.86	ng	0.00
23) Nitrobenzene-d5	7.09	82	374623	83.16	ng	0.00
41) 2,4,6-Tribromophenol	10.32	330	64541	78.89	ng	0.00
44) 2-Fluorobiphenyl	8.88	172	604982	83.99	ng	0.00
78) Terphenyl-d14	12.58	244	550619	79.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.87	88	63263	40.78	ng	# 91
3) Pyridine	2.47	79	187193	42.75	ng	# 81
4) n-Nitrosodimethylamine	2.43	42	103841	42.60	ng	# 75
6) Aniline	6.17	93	257500	41.23	ng	# 32
8) 2-Chlorophenol	6.29	128	151511	42.05	ng	97
9) Benzaldehyde	6.05	77	117526	42.44	ng	93
10) Phenol	6.17	94	209704	41.34	ng	97
11) bis(2-Chloroethyl)ether	6.25	93	145966	37.50	ng	88
12) 1,3-Dichlorobenzene	6.45	146	167383	43.23	ng	96
13) 1,4-Dichlorobenzene	6.53	146	167898	43.79	ng	99
14) 1,2-Dichlorobenzene	6.67	146	136811	38.13	ng	97
15) Benzyl Alcohol	6.66	79	133110	38.30	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.81	45	321037	41.97	ng	97
17) 2-Methylphenol	6.79	107	130087	42.08	ng	95
18) Hexachloroethane	7.02	117	65894	42.54	ng	99
19) n-Nitroso-di-n-propylamine	6.95	70	136616	45.92	ng	86
20) 3+4-Methylphenols	6.95	107	171053	43.59	ng	# 44
22) Acetophenone	6.94	105	223902	41.44	ng	# 83
24) Nitrobenzene	7.10	77	167500	35.56	ng	94
25) Isophorone	7.35	82	354258	42.17	ng	97
26) 2-Nitrophenol	7.42	139	85085	43.43	ng	# 79
27) 2,4-Dimethylphenol	7.47	122	149559	43.16	ng	92
28) bis(2-Chloroethoxy)methane	7.57	93	199888	40.27	ng	100
29) 2,4-Dichlorophenol	7.66	162	111688	38.28	ng	# 84
30) 1,2,4-Trichlorobenzene	7.74	180	121551	37.48	ng	97
31) Naphthalene	7.82	128	471675	41.12	ng	99
32) Benzoic acid	7.61	122	97658	50.10	ng	91
33) 4-Chloroaniline	7.87	127	180643	37.32	ng	96
34) Hexachlorobutadiene	7.94	225	80494	43.90	ng	97
35) Caprolactam	8.26	113	38925	38.17	ng	# 87
36) 4-Chloro-3-methylphenol	8.37	107	135131	38.86	ng	95
37) 2-Methylnaphthalene	8.50	142	274507	37.88	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	130548	42.87	ng	98
40) Hexachlorocyclopentadiene	8.66	237	61418	38.97	ng	97

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
 Data File : BF081247.D
 Acq On : 27 Aug 2015 15:15
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

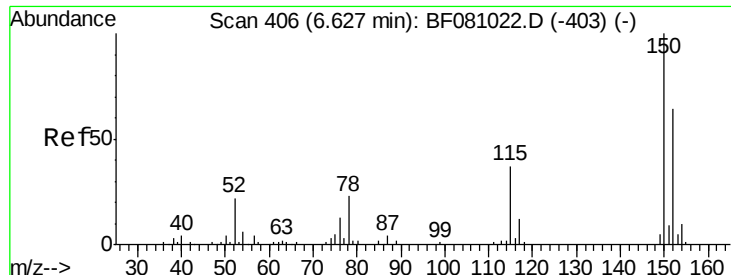
Manual Integrations
 APPROVED

MMDadoda
 8/28/2015 2:22:43 PM

Quant Time: Aug 27 22:58:35 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 27 22:56:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	86926	40.41	ng	100
43) 2,4,5-Trichlorophenol	8.83	196	89957	41.84	ng	93
45) 1,1'-Biphenyl	8.97	154	343341	41.30	ng	96
46) 2-Chloronaphthalene	8.99	162	282610	42.32	ng	99
47) 2-Nitroaniline	9.10	65	129984	47.56	ng	# 85
48) Acenaphthylene	9.39	152	435668	36.47	ng	97
49) Dimethylphthalate	9.29	163	338649	43.57	ng	99
50) 2,6-Dinitrotoluene	9.34	165	66400	39.79	ng	# 58
51) Acenaphthene	9.57	154	257224	35.97	ng	99
52) 3-Nitroaniline	9.51	138	96118	46.03	ng	89
53) 2,4-Dinitrophenol	9.61	184	34054	41.75	ng	# 76
54) Dibenzofuran	9.74	168	343443	35.84	ng	91
55) 4-Nitrophenol	9.68	139	63683	43.42	ng	# 74
56) 2,4-Dinitrotoluene	9.74	165	79472	35.93	ng	# 51
57) Fluorene	10.08	166	288980	39.20	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.86	232	67669m	40.67	ng	
59) Diethylphthalate	9.98	149	331682	40.32	ng	98
60) 4-Chlorophenyl-phenylether	10.08	204	124713	39.98	ng	99
61) 4-Nitroaniline	10.11	138	80903	37.91	ng	95
62) Azobenzene	10.24	77	421410	44.45	ng	96
64) 4,6-Dinitro-2-methylphenol	10.15	198	51581	43.20	ng	# 52
65) n-Nitrosodiphenylamine	10.21	169	299199	41.92	ng	98
66) 4-Bromophenyl-phenylether	10.56	248	71414	36.36	ng	# 58
67) Hexachlorobenzene	10.63	284	79072	39.75	ng	# 81
68) Atrazine	10.73	200	73820	37.12	ng	97
69) Pentachlorophenol	10.82	266	44620	37.38	ng	98
70) Phenanthrene	11.03	178	437883	36.95	ng	98
71) Anthracene	11.07	178	441122	38.26	ng	98
72) Carbazole	11.25	167	440258	39.66	ng	98
73) Di-n-butylphthalate	11.59	149	571555	42.55	ng	99
74) Fluoranthene	12.21	202	524645	41.03	ng	98
76) Benzidine	12.33	184	193716	34.63	ng	100
77) Pyrene	12.42	202	451308	37.49	ng	99
79) Butylbenzylphthalate	13.06	149	228730	44.20	ng	# 65
80) Benzo(a)anthracene	13.61	228	426672	42.96	ng	99
81) 3,3'-Dichlorobenzidine	13.59	252	133834	41.60	ng	# 94
82) Chrysene	13.65	228	389649	43.54	ng	99
83) Bis(2-ethylhexyl)phthalate	13.64	149	349008	52.66	ng	98
84) Di-n-octyl phthalate	14.24	149	539269	53.53	ng	99
85) Indeno(1,2,3-cd)pyrene	16.10	276	290397	46.21	ng	# 94
87) Benzo(b)fluoranthene	14.60	252	308841m	38.56	ng	
88) Benzo(k)fluoranthene	14.62	252	312979m	41.94	ng	
89) Benzo(a)pyrene	14.89	252	289791	41.53	ng	97
90) Dibenzo(a,h)anthracene	16.12	278	242071	44.52	ng	98
91) Benzo(g,h,i)perylene	16.45	276	237916	43.13	ng	# 94

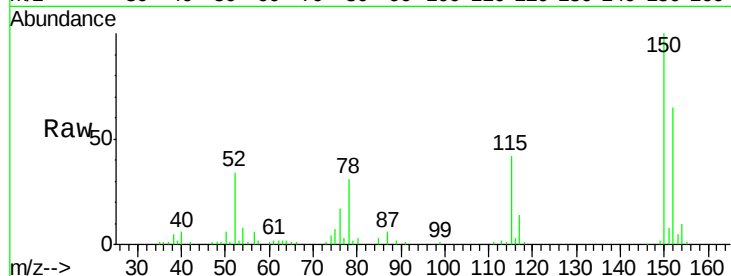
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.50 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

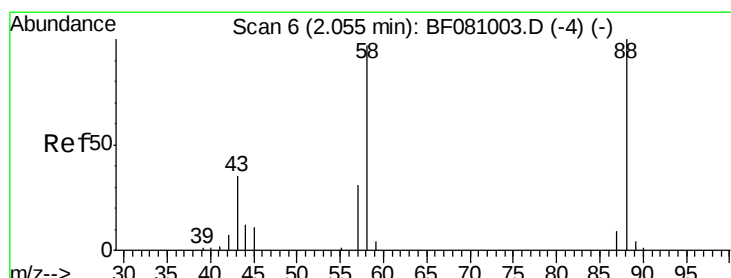
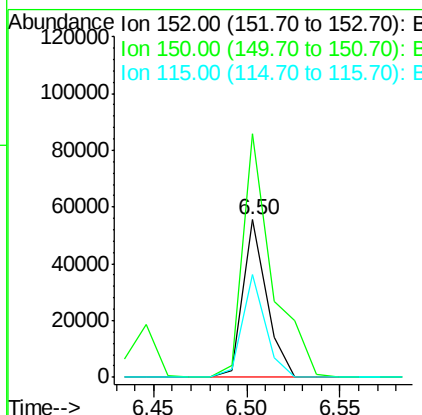
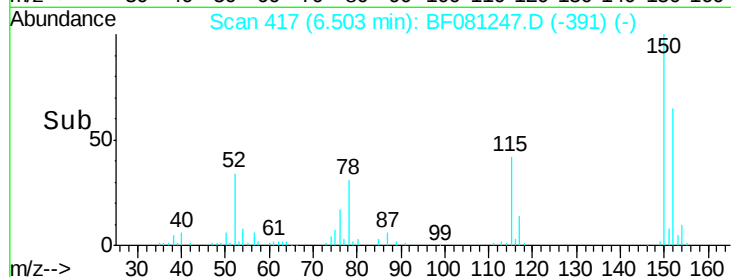
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.8	185.6
115	65.4	52.1	78.1

Manual Integrations
APPROVED

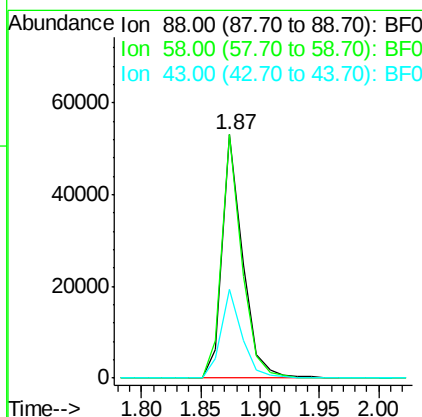
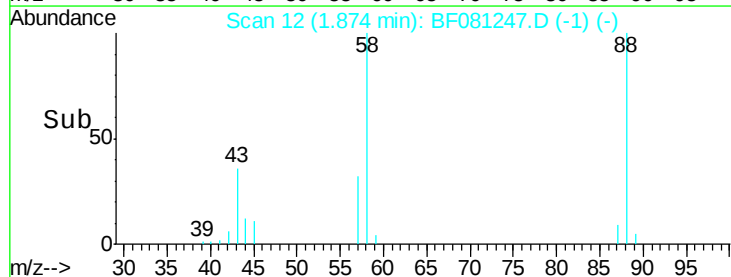
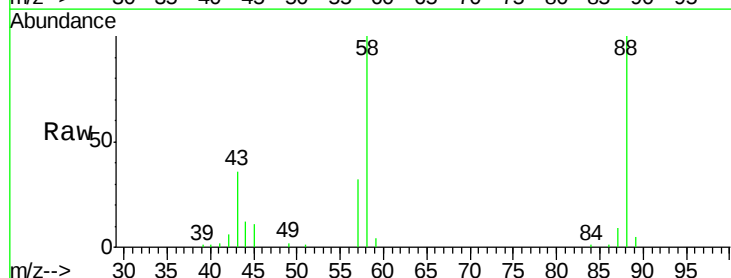
MMDadoda
8/28/2015 2:22:43 PM

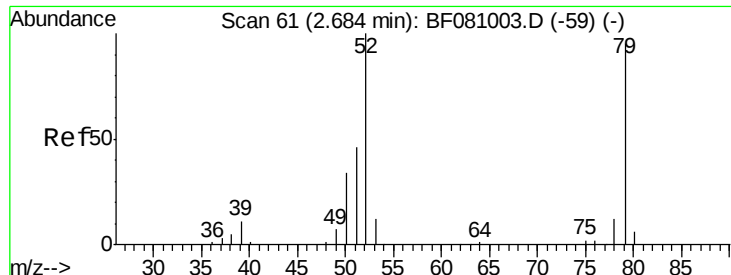


#2

1,4-Dioxane
Concen: 40.78 ng
RT: 1.87 min Scan# 12
Delta R.T. 0.00 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.1	83.7	125.5
43	37.3	37.5	56.3





#3

Pyridine

Concen: 42.75 ng

RT: 2.47 min Scan# 64

Delta R.T. 0.00 min

Lab File: BF081247.D

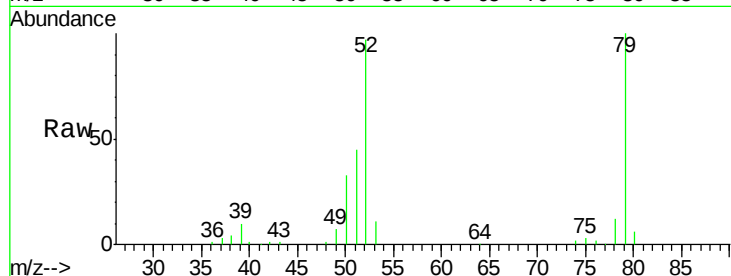
Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

ClientSampleId :

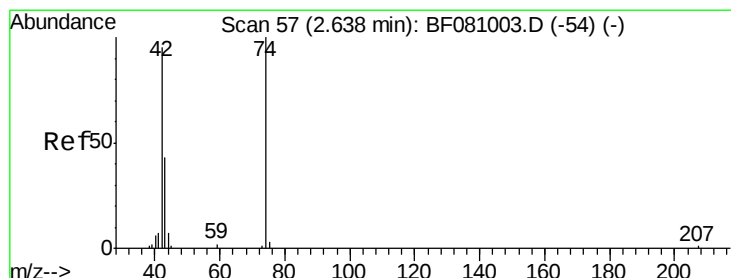
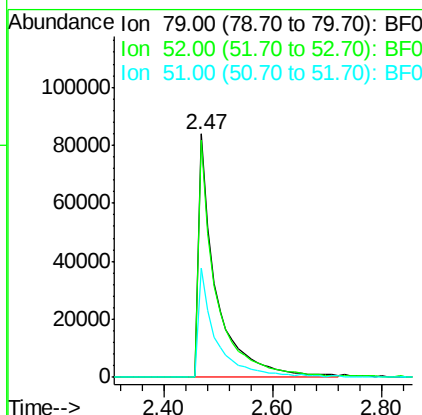
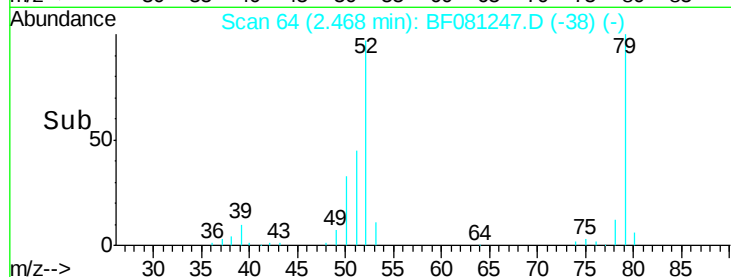
SSTDCCC040



Tgt Ion:	79	Resp:	187193
Ion	Ratio	Lower	Upper
79	100		
52	97.2	95.1	142.7
51	44.7	46.6	70.0#

Manual Integrations
APPROVED

MMDadoda
8/28/2015 2:22:43 PM



#4

n-Nitrosodimethylamine

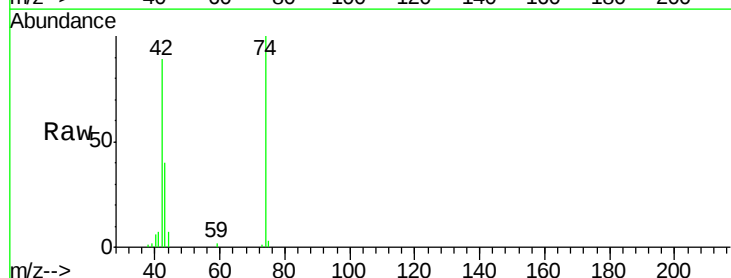
Concen: 42.60 ng

RT: 2.43 min Scan# 61

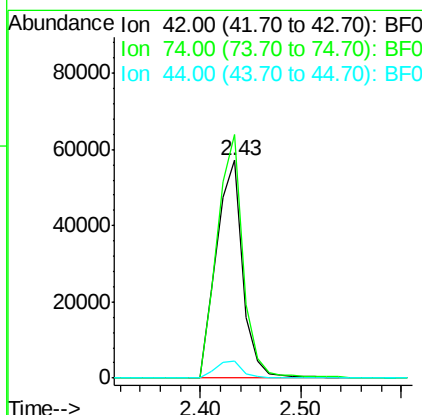
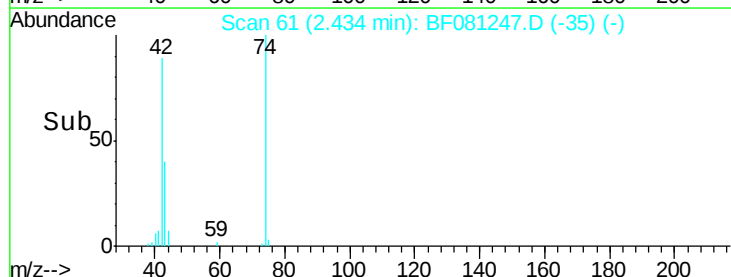
Delta R.T. 0.00 min

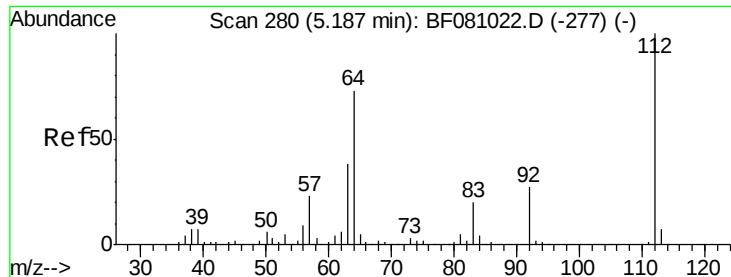
Lab File: BF081247.D

Acq: 27 Aug 2015 15:15



Tgt Ion:	42	Resp:	103841
Ion	Ratio	Lower	Upper
42	100		
74	111.7	69.3	103.9#
44	8.0	5.5	8.3





#5

2-Fluorophenol

Concen: 82.24 ng

RT: 5.05 min Scan# 290

Delta R.T. 0.00 min

Lab File: BF081247.D

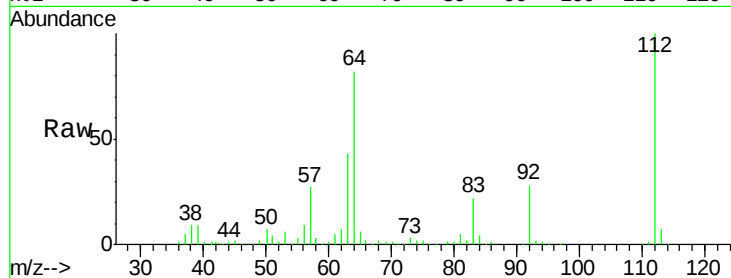
Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

ClientSampleId :

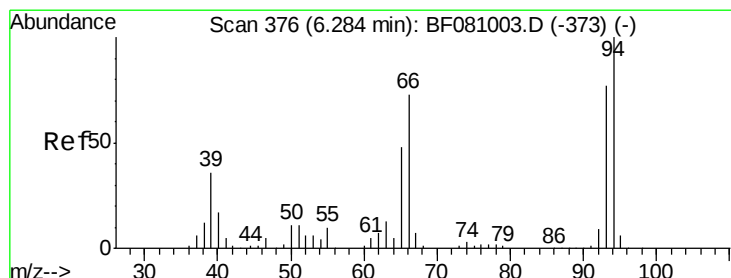
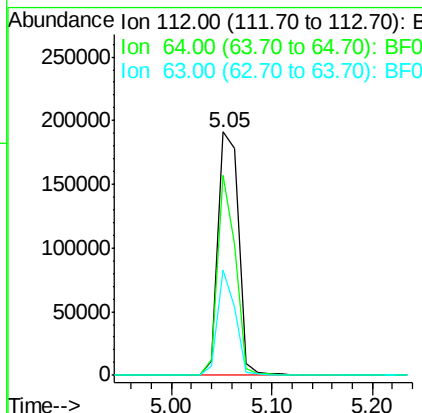
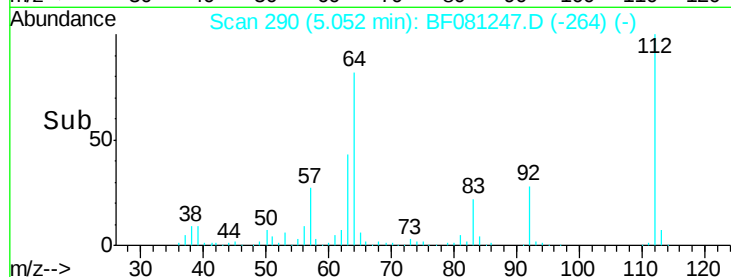
SSTDCCC040



Tgt Ion:	112	Resp:	270724
Ion Ratio	Lower	Upper	
112	100		
64	82.1	66.9	100.3
63	43.5	38.1	57.1

Manual Integrations
APPROVED

MMDadoda
8/28/2015 2:22:43 PM



#6

Aniline

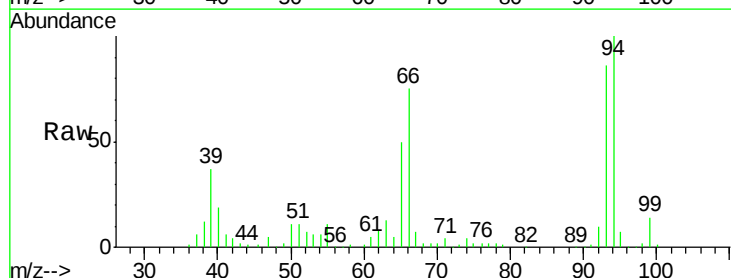
Concen: 41.23 ng

RT: 6.17 min Scan# 388

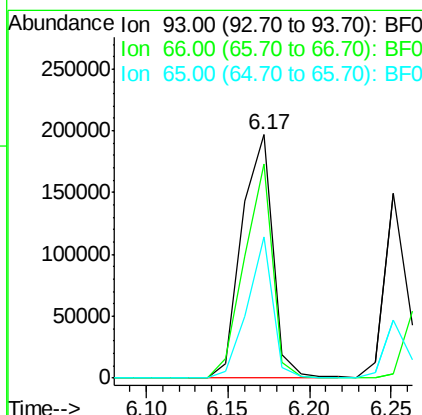
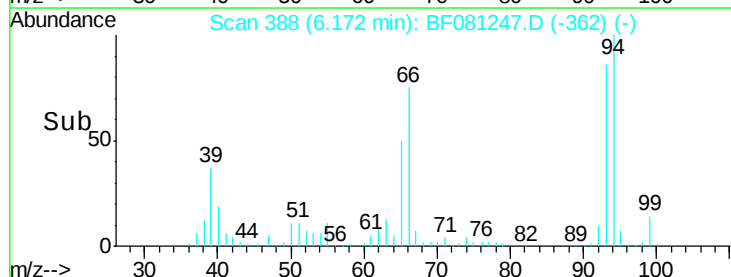
Delta R.T. 0.00 min

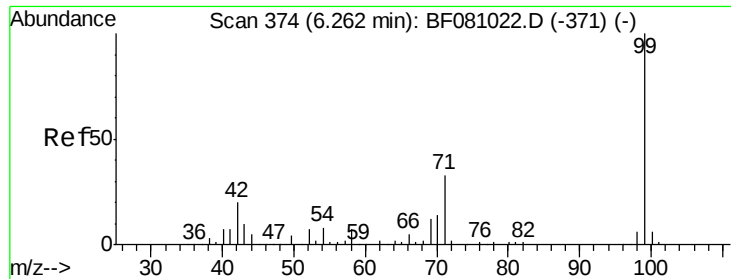
Lab File: BF081247.D

Acq: 27 Aug 2015 15:15



Tgt Ion:	93	Resp:	257500
Ion Ratio	Lower	Upper	
93	100		
66	88.1	35.6	53.4#
65	58.0	18.7	28.1#





#7

Phenol-d6

Concen: 81.86 ng

RT: 6.16 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF081247.D

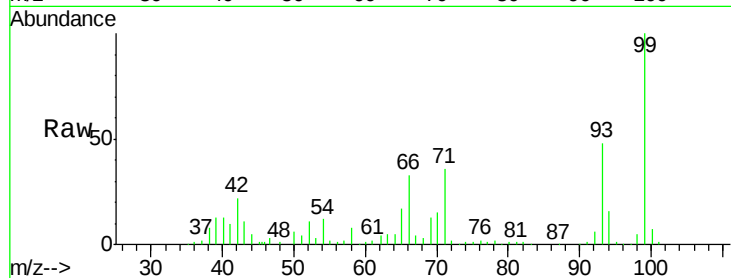
Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

ClientSampleId :

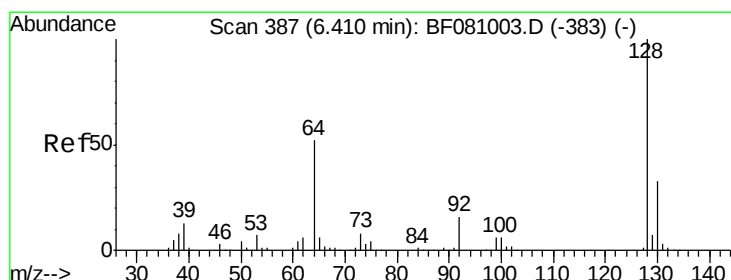
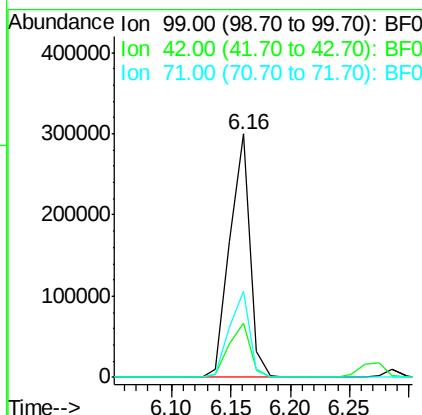
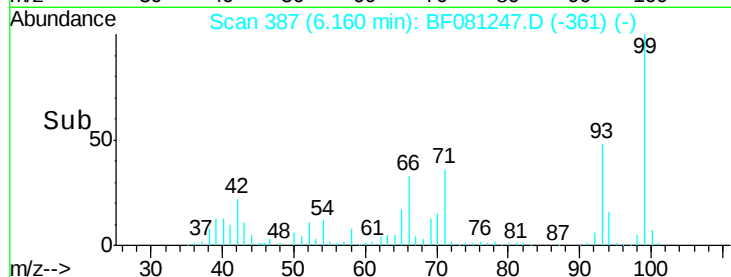
SSTDCCC040



Tgt Ion:	99	Resp:	351616
Ion Ratio	Lower	Upper	
99	100		
42	22.3	19.6	29.4
71	35.5	31.2	46.8

Manual Integrations
APPROVED

MMDadoda
8/28/2015 2:22:43 PM



#8

2-Chlorophenol

Concen: 42.05 ng

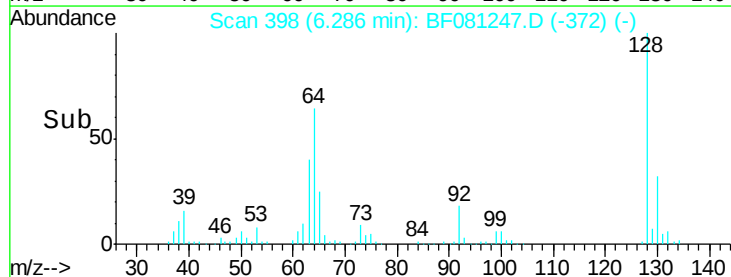
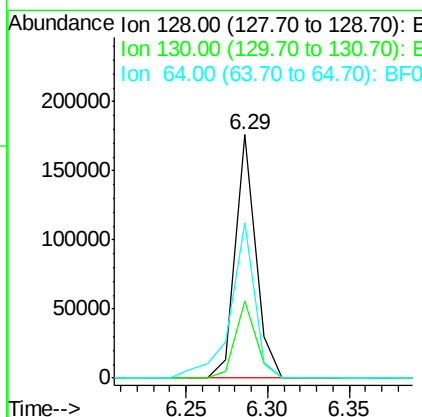
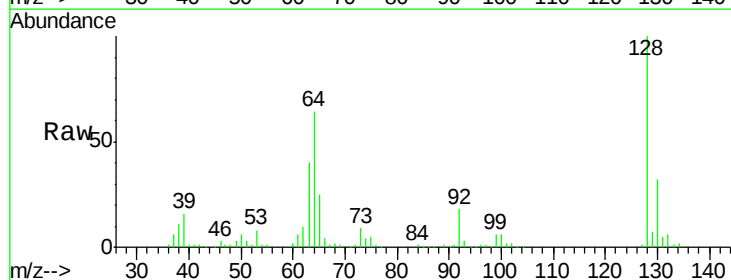
RT: 6.29 min Scan# 398

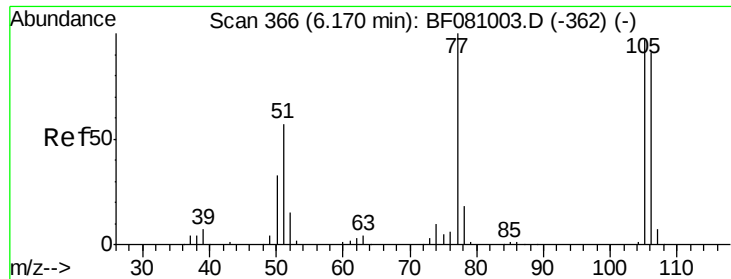
Delta R.T. 0.00 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Tgt Ion:	128	Resp:	151511
Ion Ratio	Lower	Upper	
128	100		
130	31.9	12.5	52.5
64	63.9	46.8	86.8





#9

Benzaldehyde

Concen: 42.44 ng

RT: 6.05 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

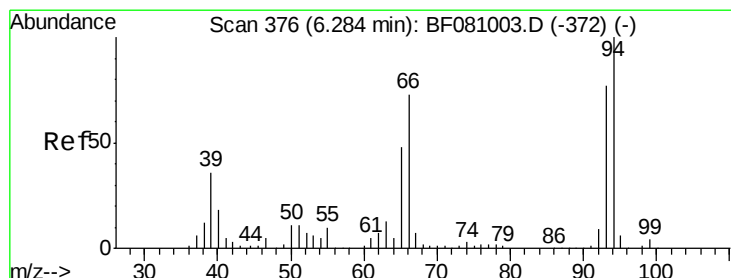
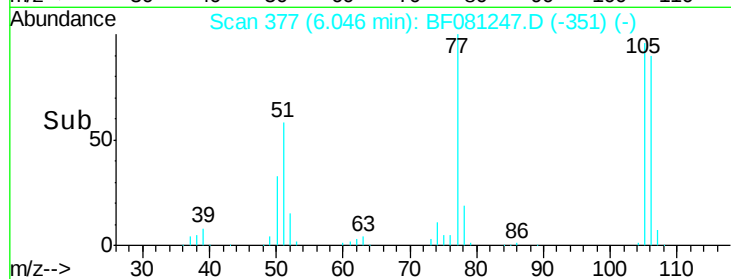
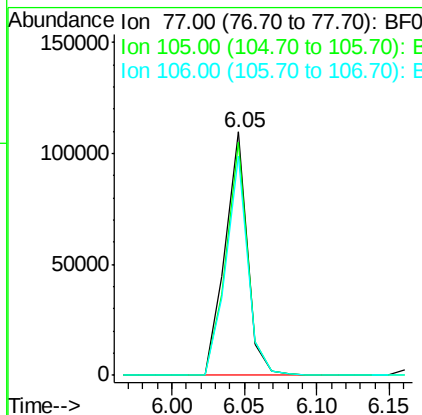
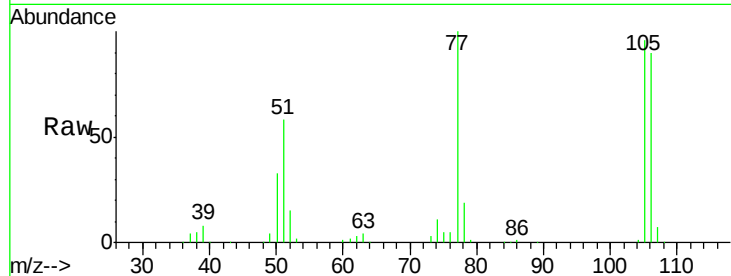
ClientSampleId :

SSTDCCC040

Manual Integrations
APPROVED

MMDadoda
8/28/2015 2:22:43 PM

Tgt Ion:	77	Resp:	117526
Ion	Ratio	Lower	Upper
77	100		
105	95.7	69.6	109.6
106	90.3	64.0	104.0



#10

Phenol

Concen: 41.34 ng

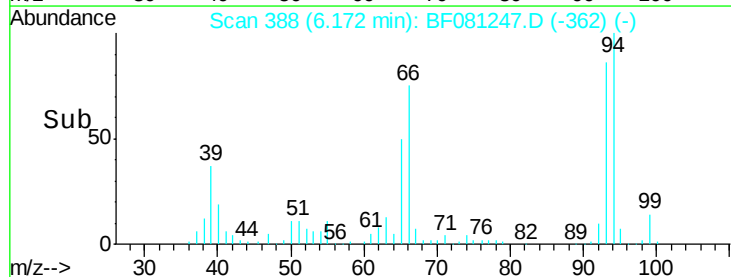
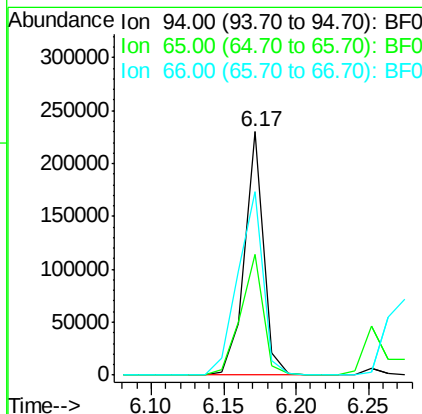
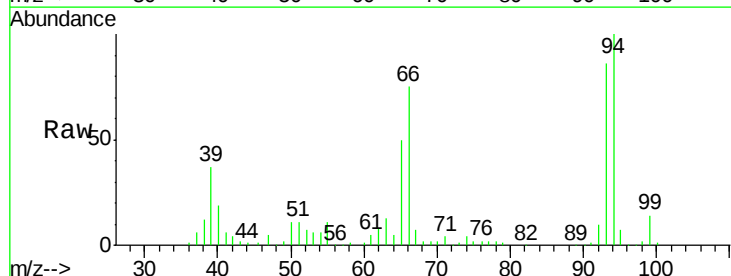
RT: 6.17 min Scan# 388

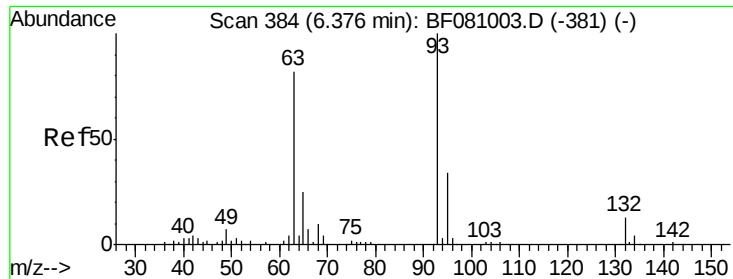
Delta R.T. 0.00 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Tgt Ion:	94	Resp:	209704
Ion	Ratio	Lower	Upper
94	100		
65	49.6	28.4	68.4
66	75.4	52.3	92.3





#11

bis(2-Chloroethyl)ether

Concen: 37.50 ng

RT: 6.25 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 145966
Ion Ratio Lower Upper

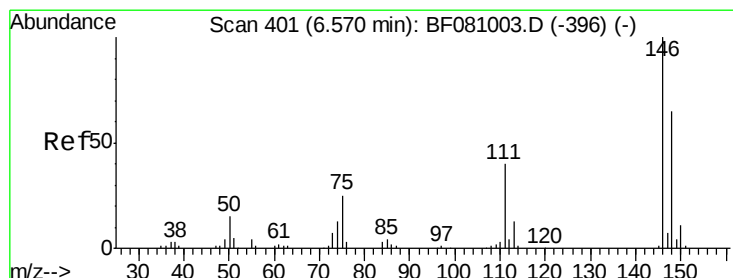
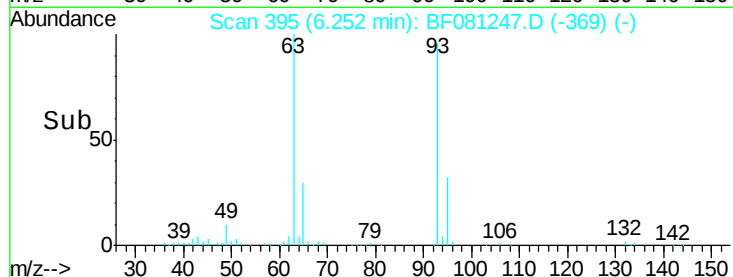
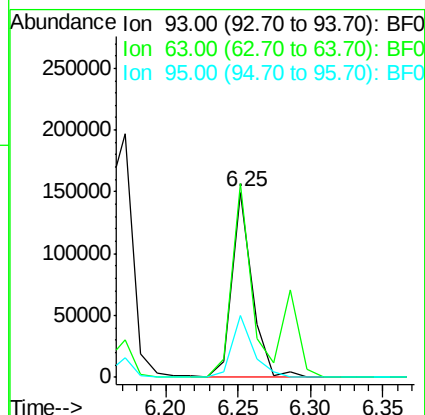
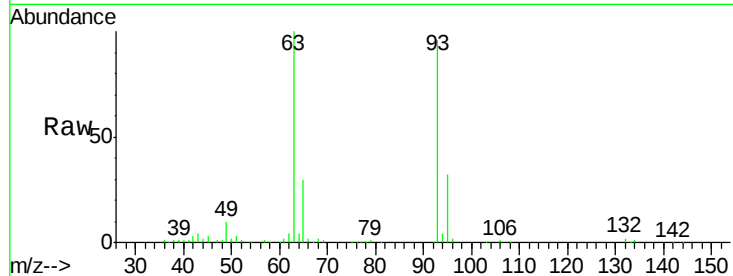
93 100

63 104.3 69.6 109.6

95 33.6 12.3 52.3

Manual Integrations
APPROVED

MMDadoda
8/28/2015 2:22:43 PM



#12

1,3-Dichlorobenzene

Concen: 43.23 ng

RT: 6.45 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF081247.D

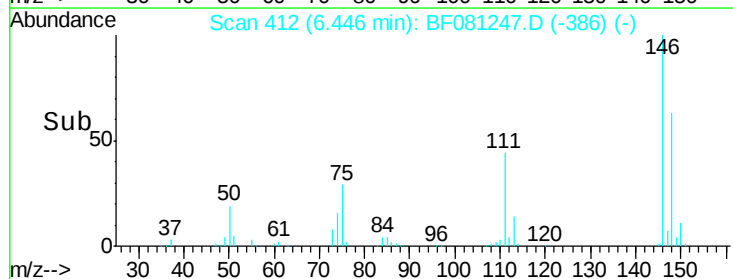
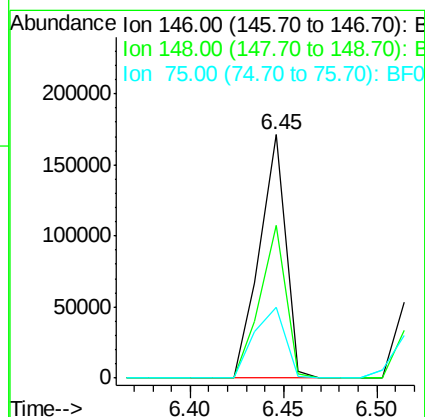
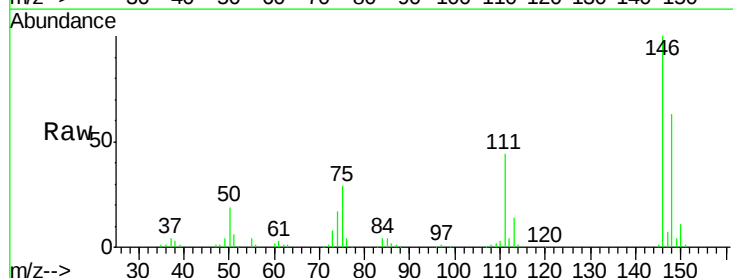
Acq: 27 Aug 2015 15:15

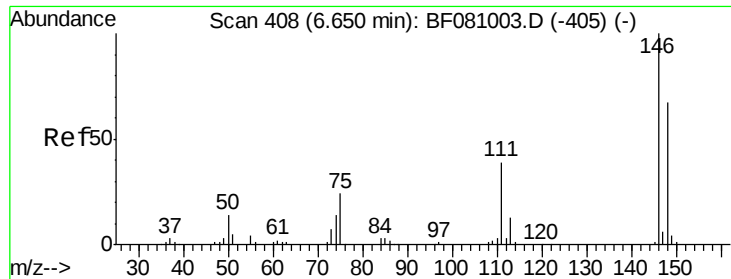
Tgt Ion: 146 Resp: 167383
Ion Ratio Lower Upper

146 100

148 62.9 53.3 79.9

75 29.3 25.0 37.6





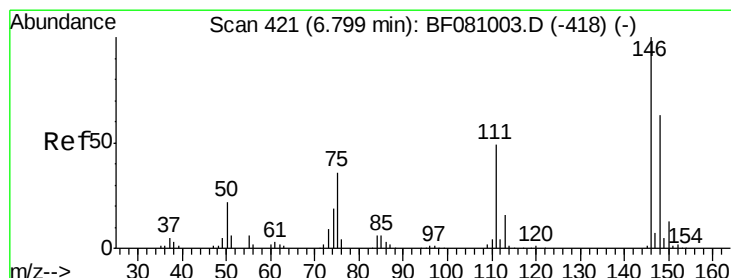
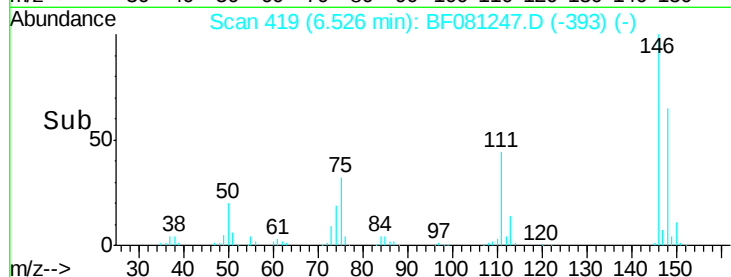
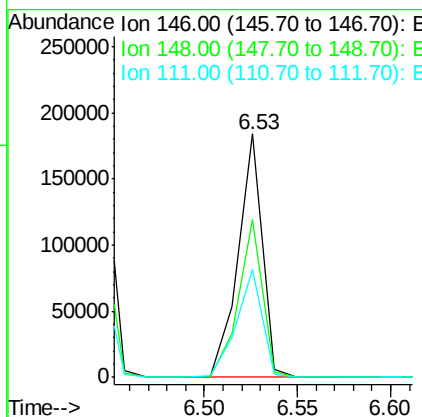
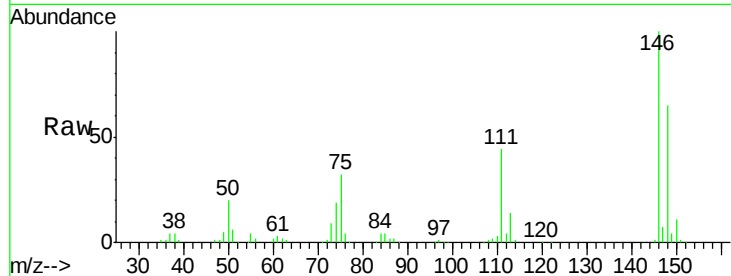
#13
 1,4-Dichlorobenzene
 Concen: 43.79 ng
 RT: 6.53 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF081247.D
 Acq: 27 Aug 2015 15:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.3	78.5
111	44.4	34.4	51.6

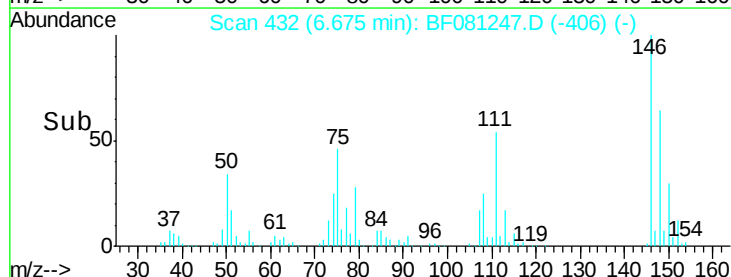
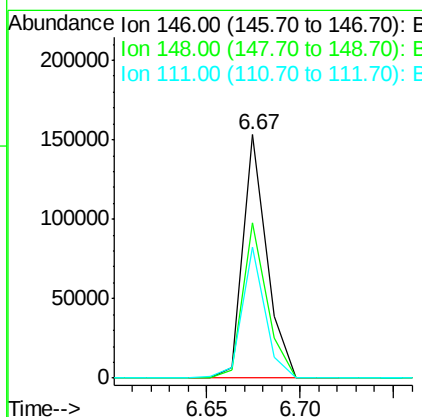
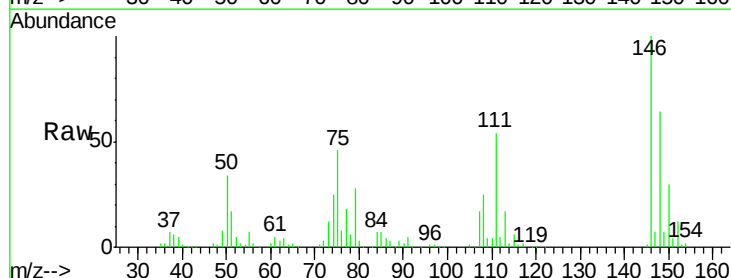
Manual Integrations
 APPROVED

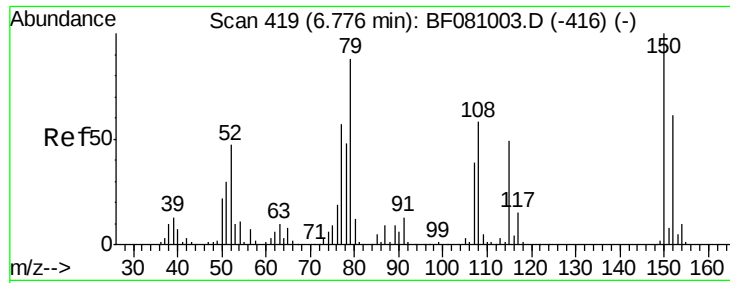
MMDadoda
 8/28/2015 2:22:43 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.13 ng
 RT: 6.67 min Scan# 432
 Delta R.T. 0.00 min
 Lab File: BF081247.D
 Acq: 27 Aug 2015 15:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	48.7	73.1
111	53.7	42.3	63.5





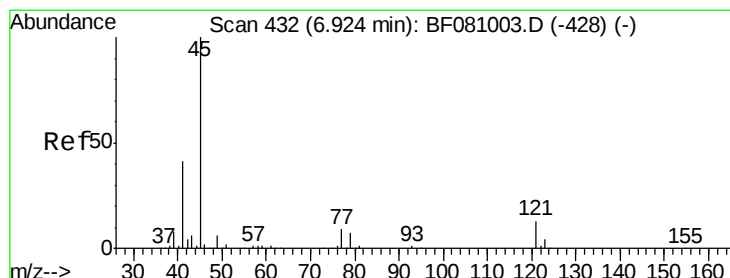
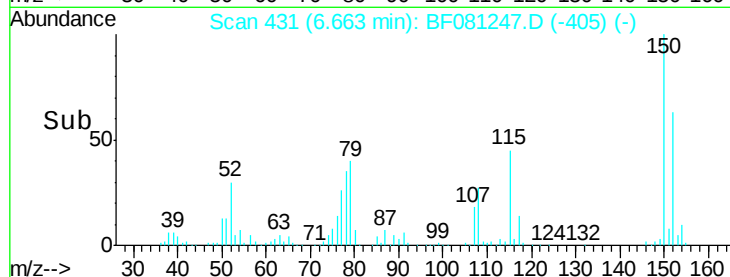
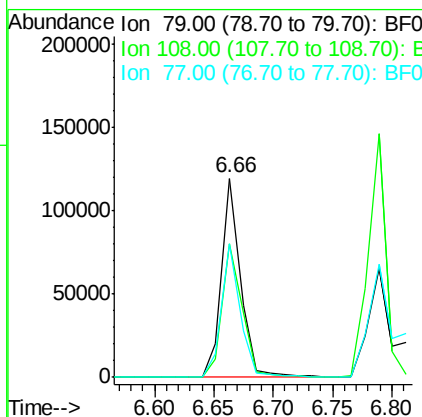
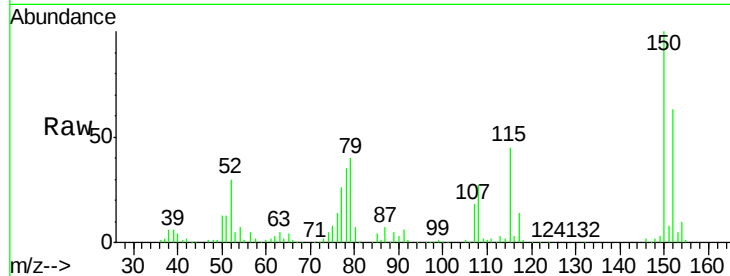
#15
Benzyl Alcohol
Concen: 38.30 ng
RT: 6.66 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	133110		
108	67.1	49.4	74.2	
77	66.9	51.4	77.0	

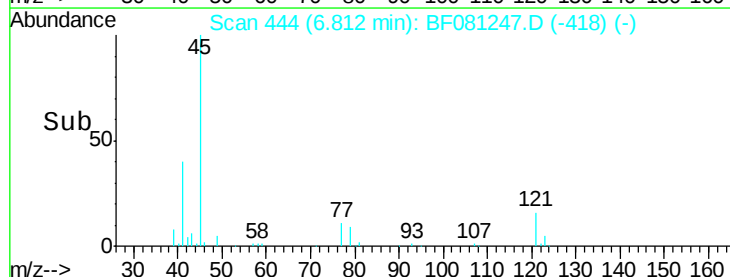
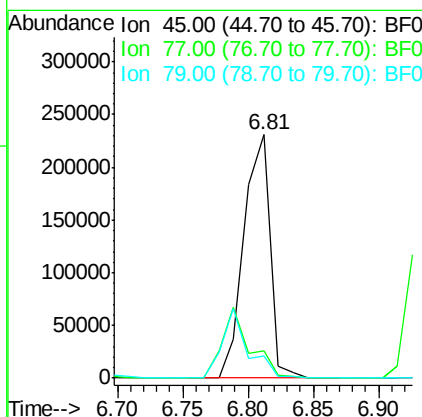
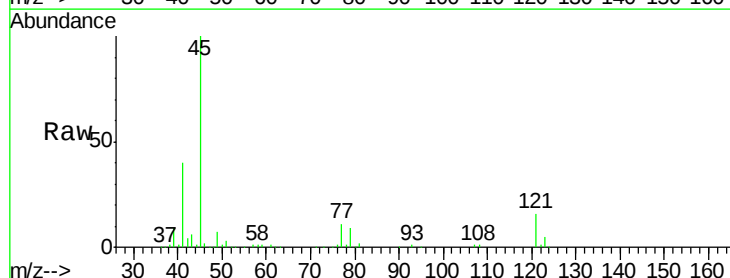
Manual Integrations
APPROVED

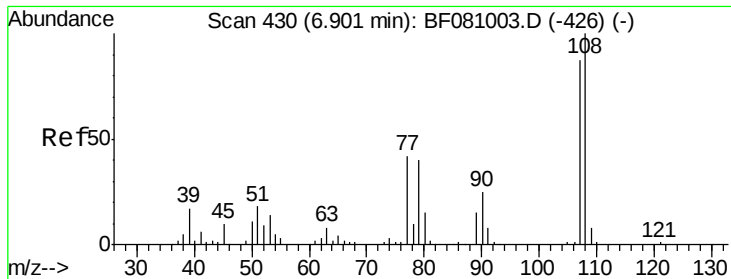
MMDadoda
8/28/2015 2:22:43 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.97 ng
RT: 6.81 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	321037		
77	11.3	0.0	30.2	
79	9.1	0.0	28.0	





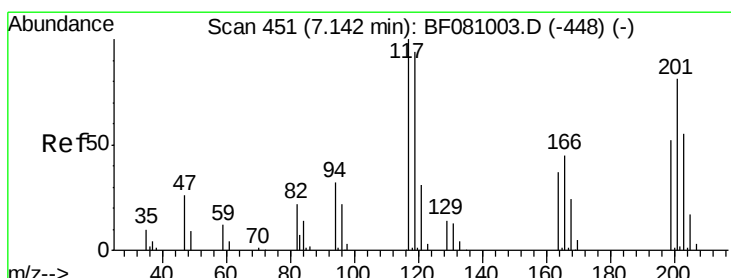
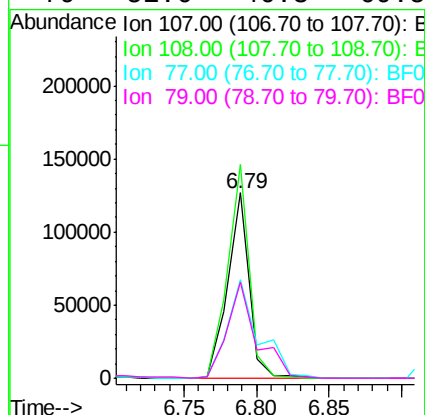
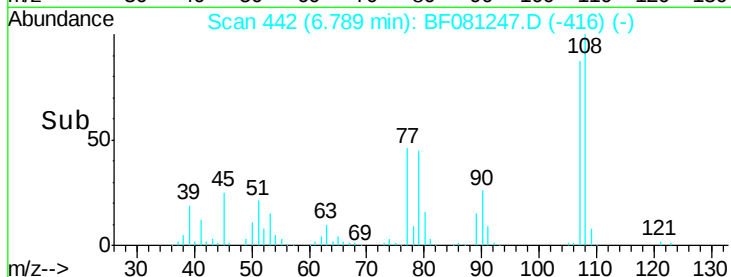
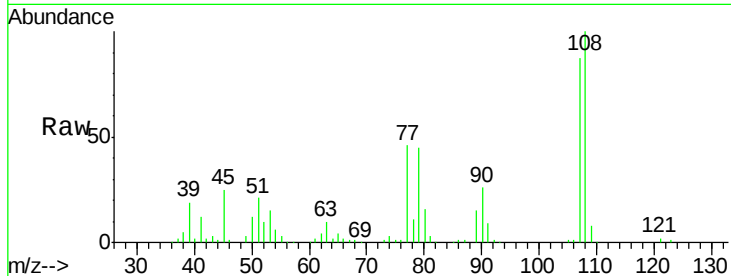
#17
2-Methylphenol
Concen: 42.08 ng
RT: 6.79 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	107	Resp:	130087
Ion Ratio	Lower	Upper	
107	100		
108	115.2	90.4	135.6
77	53.3	46.5	69.7
79	51.6	46.3	69.5

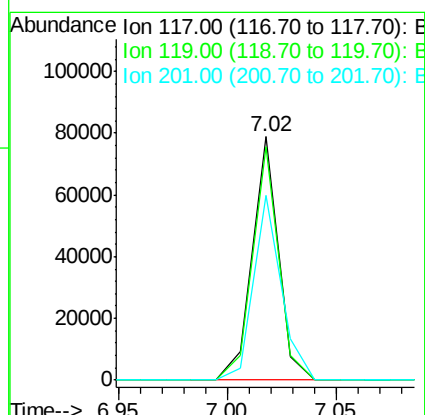
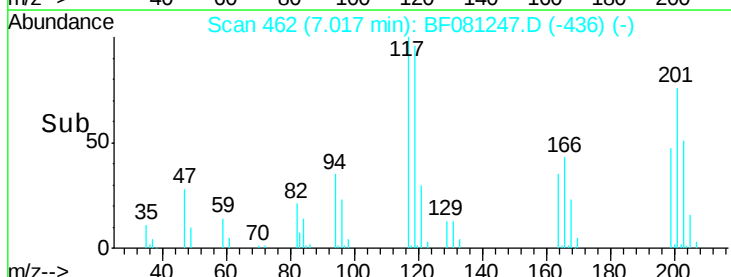
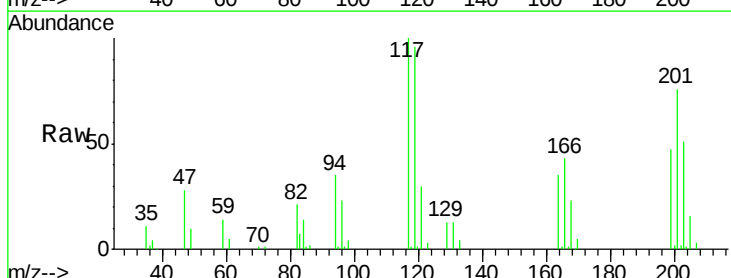
Manual Integrations
APPROVED

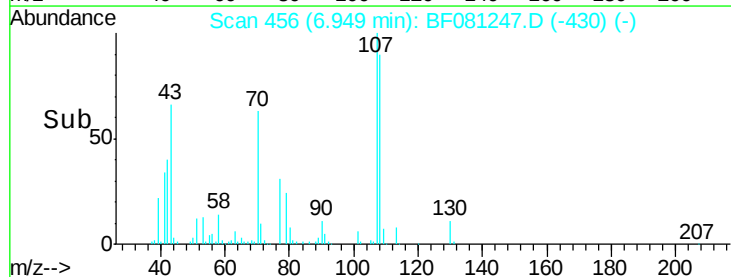
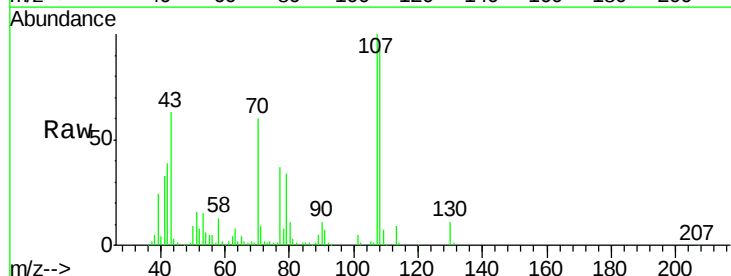
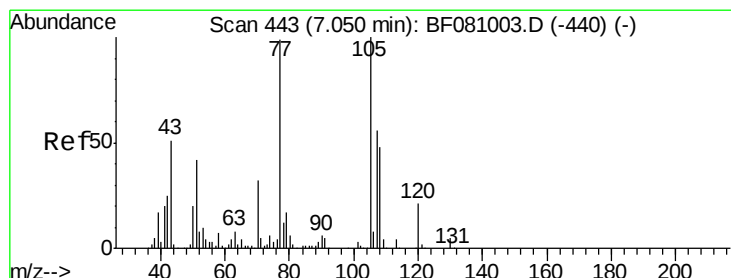
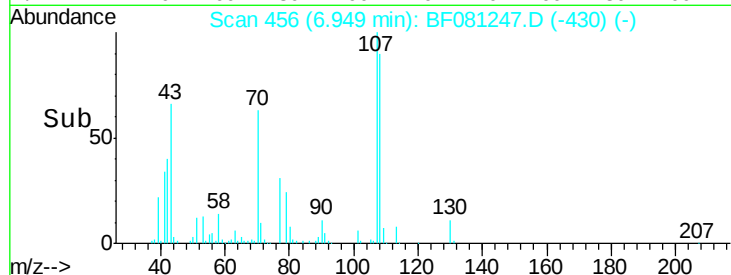
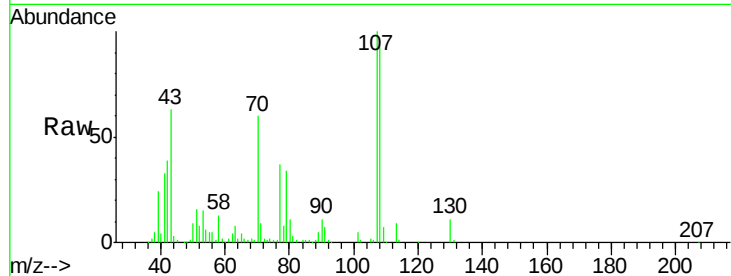
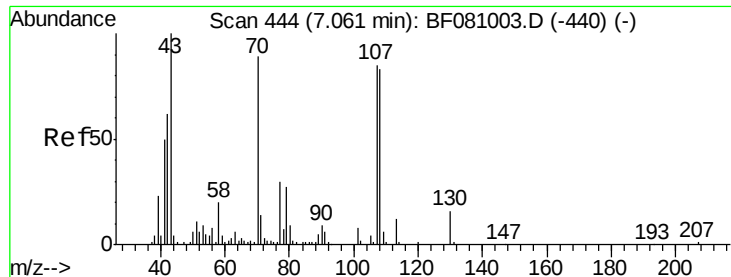
MMDadoda
8/28/2015 2:22:43 PM



#18
Hexachloroethane
Concen: 42.54 ng
RT: 7.02 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Tgt Ion:	117	Resp:	65894
Ion Ratio	Lower	Upper	
117	100		
119	95.8	77.9	116.9
201	75.8	61.3	91.9

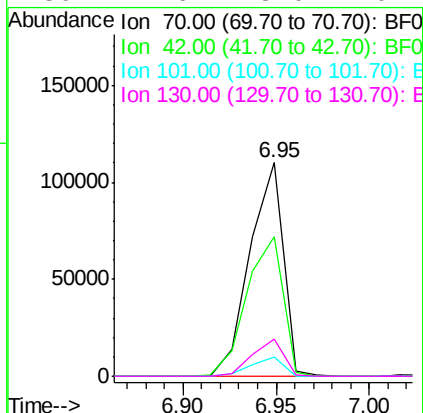




#19
n-Nitroso-di-n-propylamine
Concen: 45.92 ng
RT: 6.95 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
70	100		
42	65.4	65.0	97.4
101	9.1	7.4	11.2
130	17.6	13.0	19.4

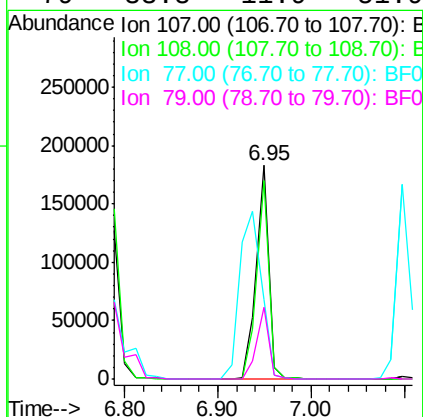


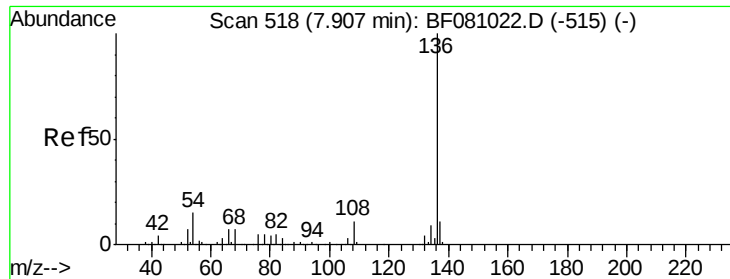
Manual Integrations
APPROVED

MMDadoda
8/28/2015 2:22:43 PM

#20
3+4-Methylphenols
Concen: 43.59 ng
RT: 6.95 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	92.9	66.1	106.1
77	37.4	139.3	179.3#
79	33.8	11.9	51.9





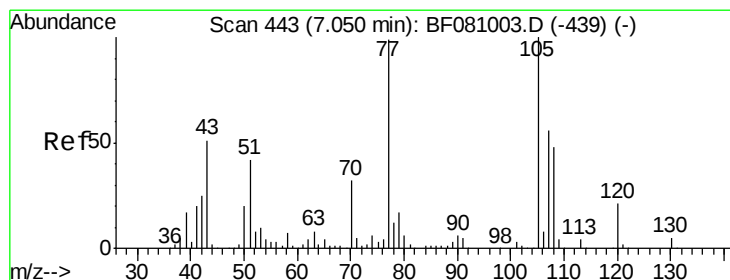
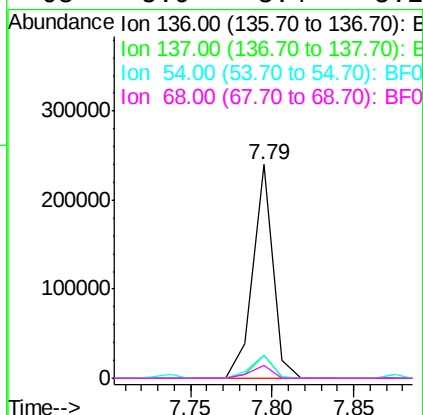
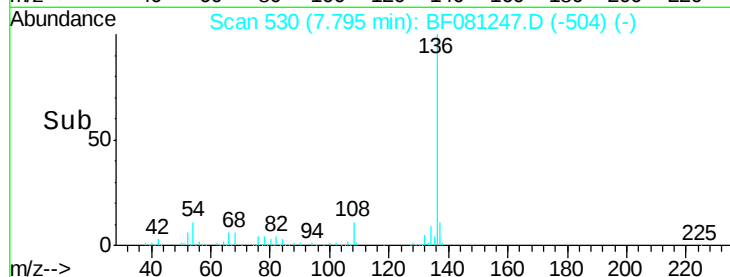
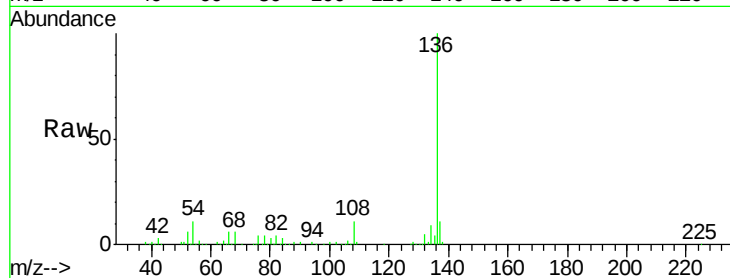
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	205800		
137	11.0	8.2	12.2	
54	10.9	7.7	11.5	
68	5.9	3.4	5.2#	

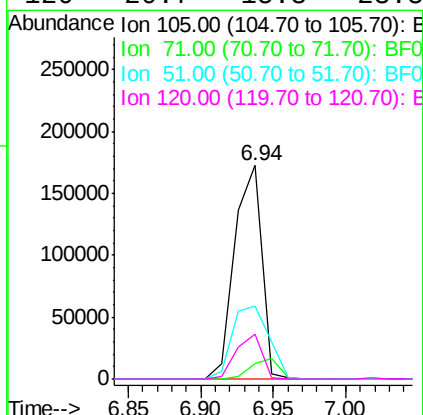
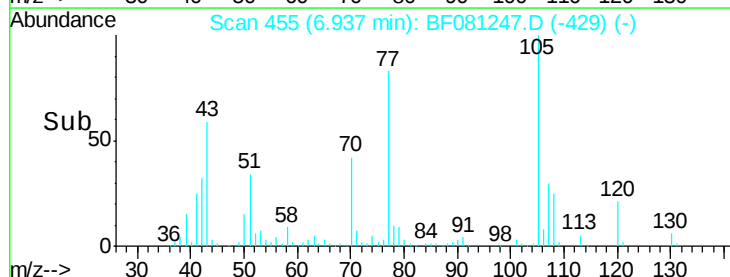
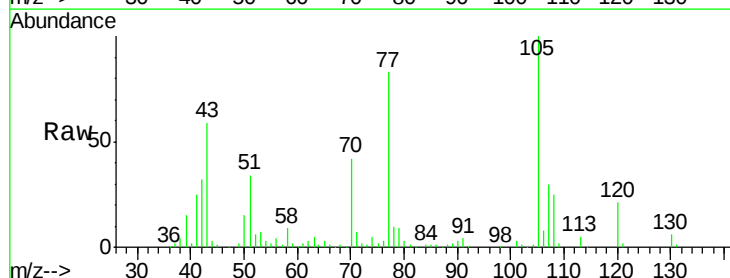
Manual Integrations
APPROVED

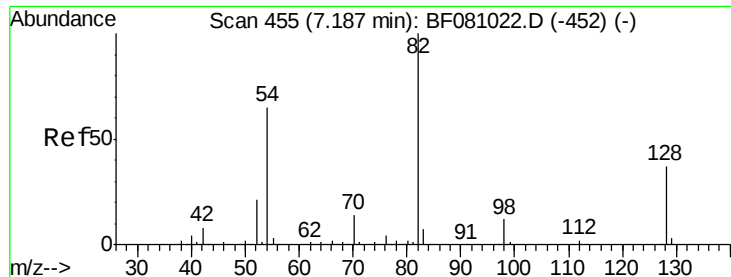
MMDadoda
8/28/2015 2:22:43 PM



#22
Acetophenone
Concen: 41.44 ng
RT: 6.94 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	223902		
71	6.9	3.0	4.6#	
51	34.1	39.8	59.8#	
120	20.7	15.8	23.8	





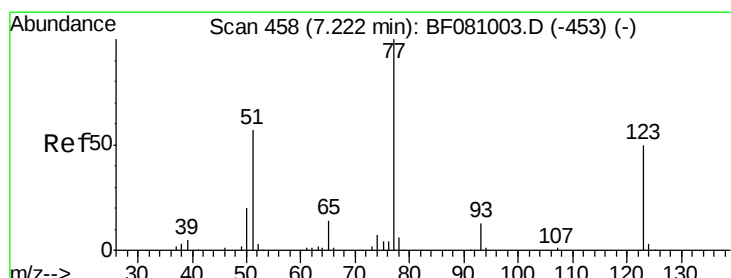
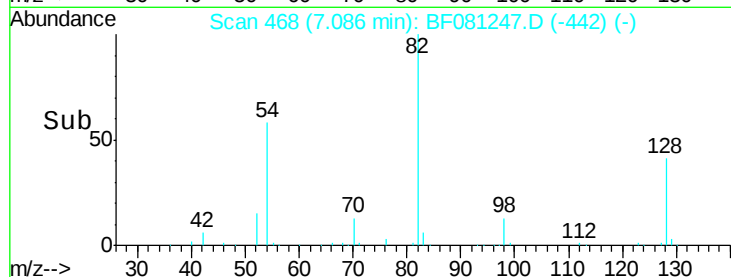
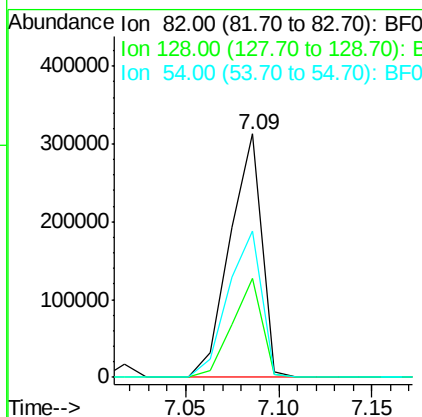
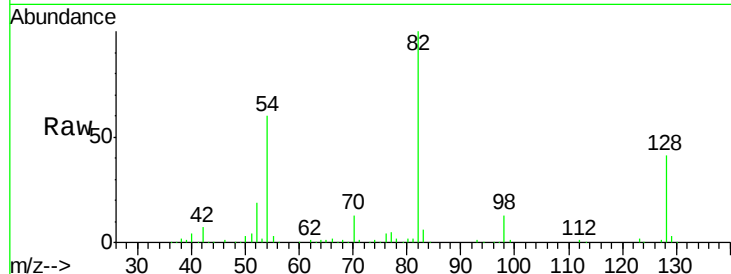
#23
 Nitrobenzene-d5
 Concen: 83.16 ng
 RT: 7.09 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF081247.D
 Acq: 27 Aug 2015 15:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	40.5	28.6	42.8
54	60.3	55.1	82.7

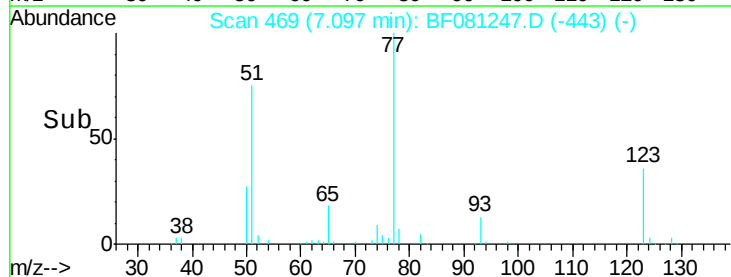
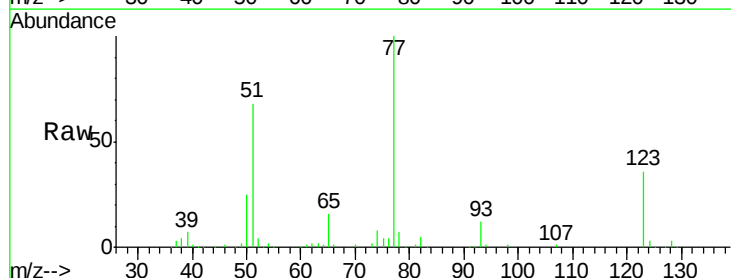
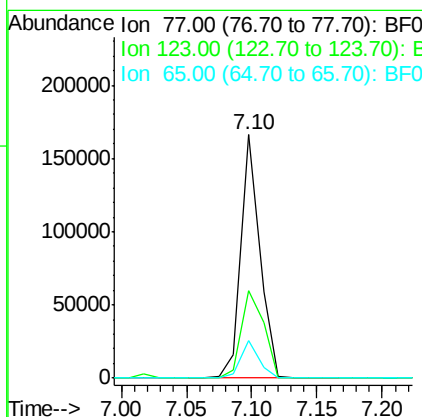
Manual Integrations
 APPROVED

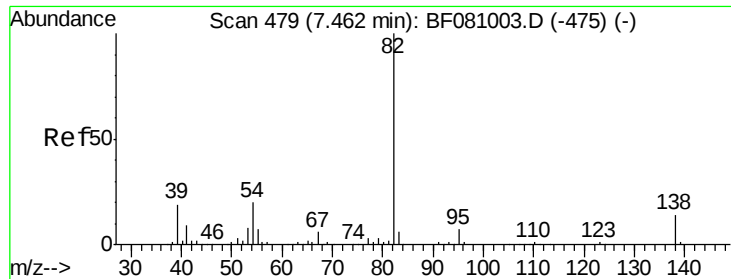
MMDadoda
 8/28/2015 2:22:43 PM



#24
 Nitrobenzene
 Concen: 35.56 ng
 RT: 7.10 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081247.D
 Acq: 27 Aug 2015 15:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	35.9	32.9	49.3
65	15.6	12.5	18.7





#25

Isophorone

Concen: 42.17 ng

RT: 7.35 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

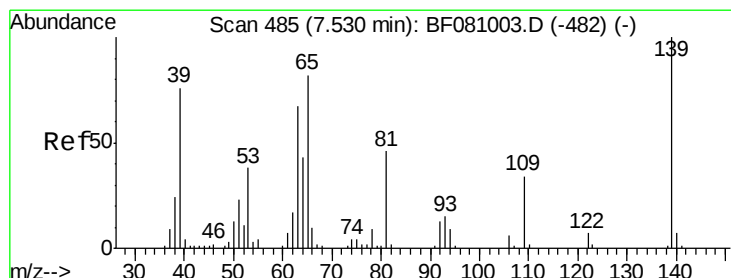
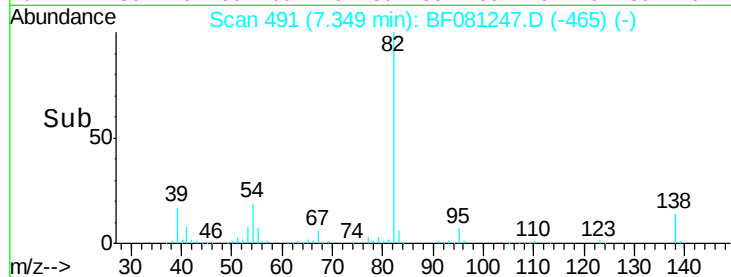
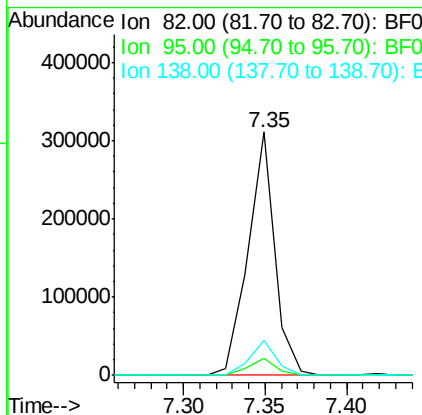
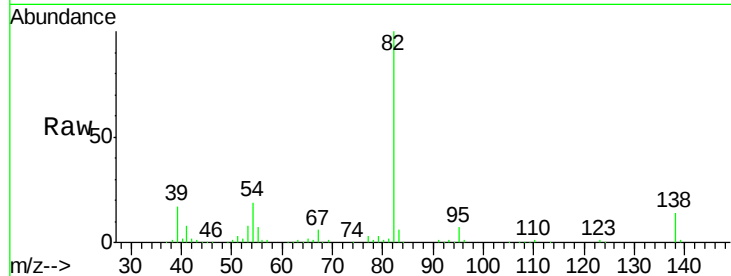
ClientSampleId :

SSTDCCC040

Tgt Ion:	82	Resp:	354258
Ion Ratio	Lower	Upper	
82	100		
95	6.8	6.2	9.2
138	14.4	10.5	15.7

Manual Integrations
APPROVED

MMDadoda
8/28/2015 2:22:43 PM



#26

2-Nitrophenol

Concen: 43.43 ng

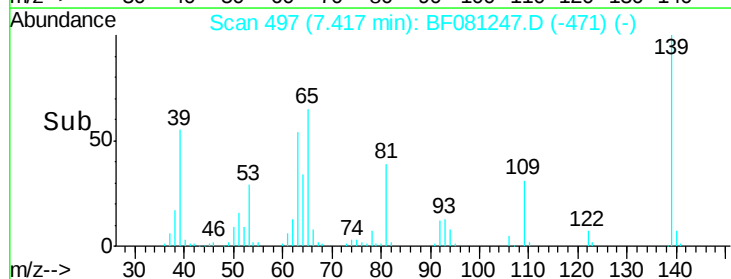
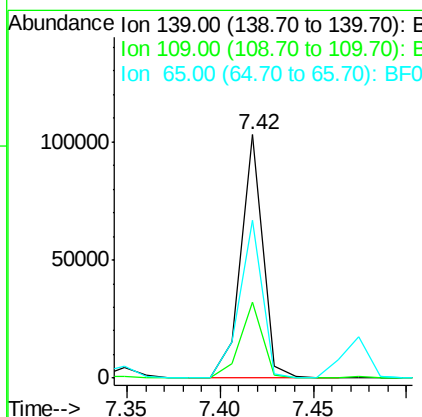
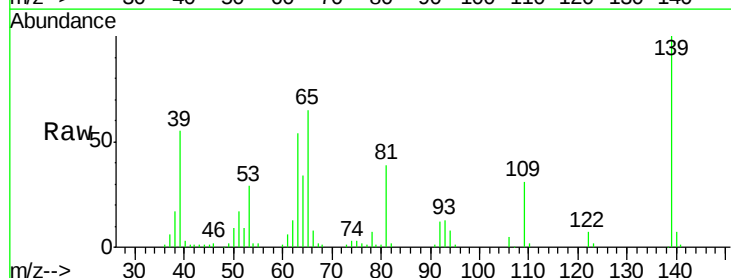
RT: 7.42 min Scan# 497

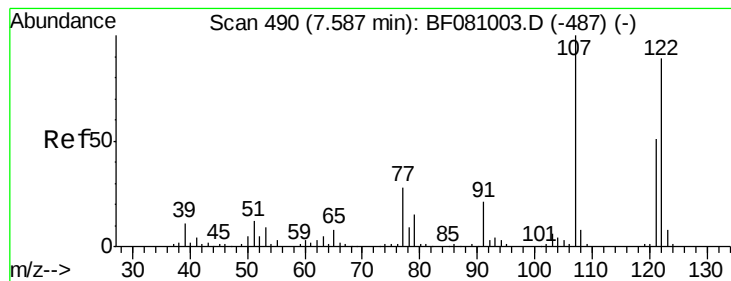
Delta R.T. 0.00 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Tgt Ion:	139	Resp:	85085
Ion Ratio	Lower	Upper	
139	100		
109	31.2	32.1	48.1#
65	65.0	69.9	104.9#





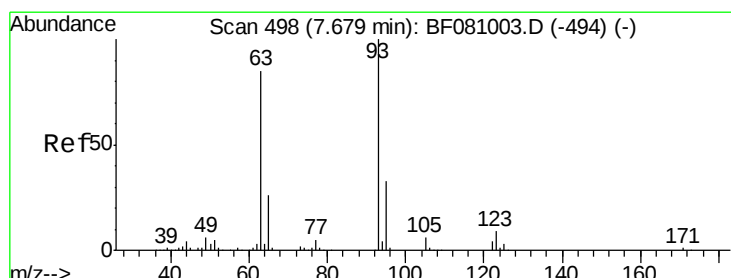
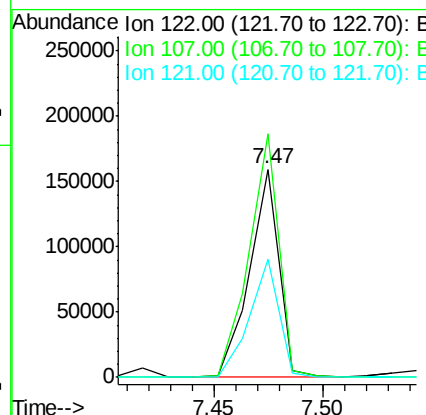
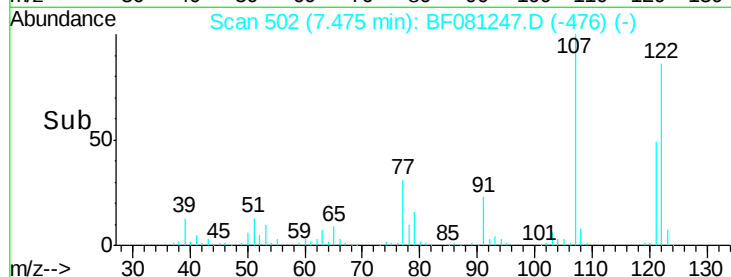
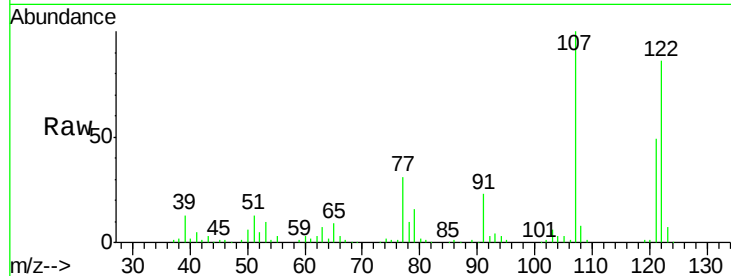
#27
 2,4-Dimethylphenol
 Concen: 43.16 ng
 RT: 7.47 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: BF081247.D
 Acq: 27 Aug 2015 15:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	122	Resp:	149559
Ion Ratio	Lower	Upper	
122	100		
107	116.8	103.8	155.6
121	57.0	47.0	70.4

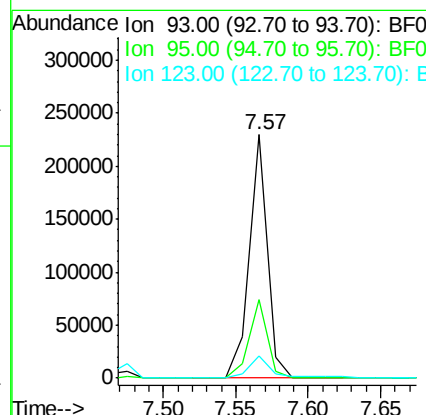
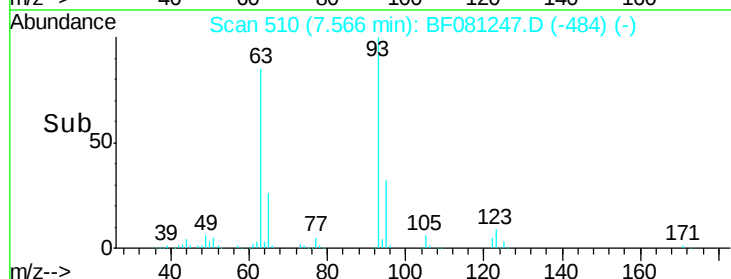
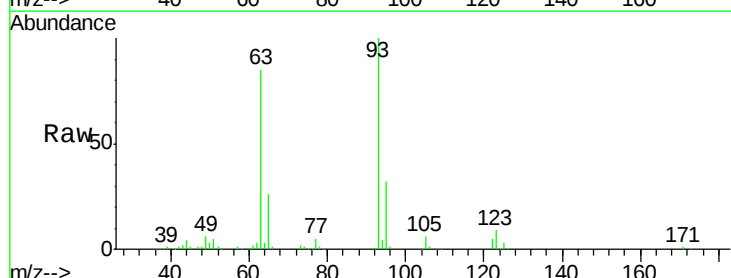
Manual Integrations
 APPROVED

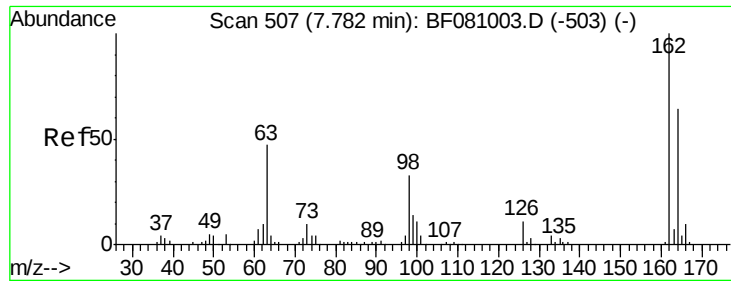
MMDadoda
 8/28/2015 2:22:43 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.27 ng
 RT: 7.57 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF081247.D
 Acq: 27 Aug 2015 15:15

Tgt Ion:	93	Resp:	199888
Ion Ratio	Lower	Upper	
93	100		
95	32.0	25.8	38.8
123	9.1	7.4	11.0





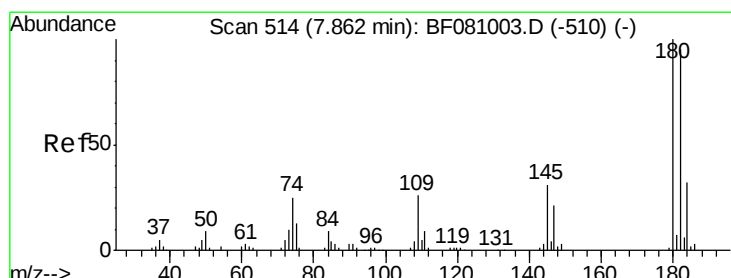
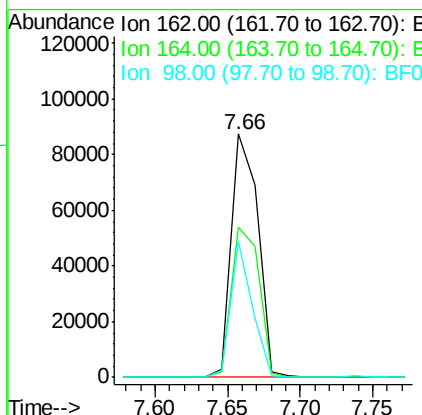
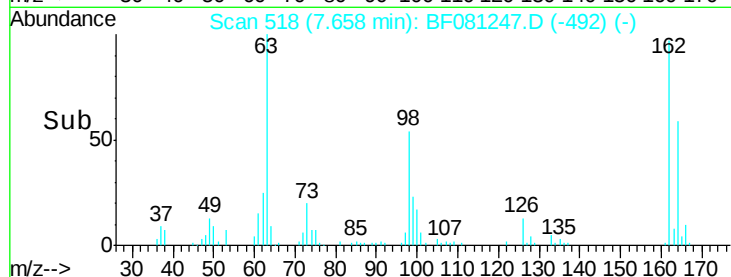
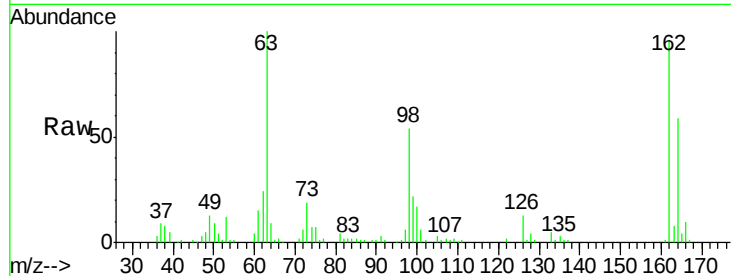
#29
 2,4-Dichlorophenol
 Concen: 38.28 ng
 RT: 7.66 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF081247.D
 Acq: 27 Aug 2015 15:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	61.5	43.2	83.2
98	55.8	12.3	52.3

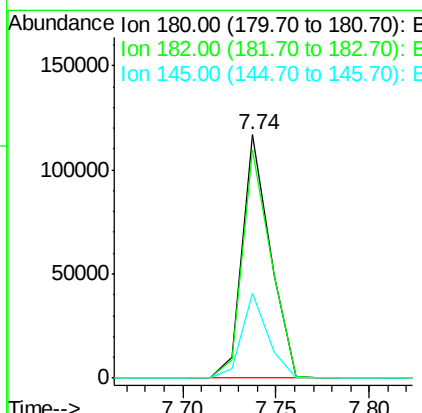
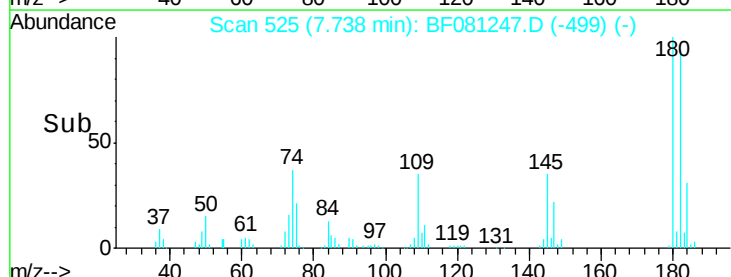
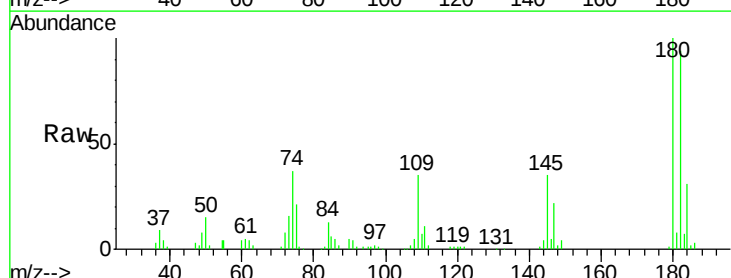
Manual Integrations
 APPROVED

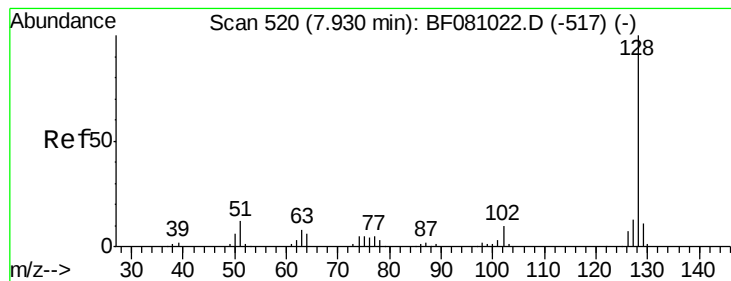
MMDadoda
 8/28/2015 2:22:43 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.48 ng
 RT: 7.74 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF081247.D
 Acq: 27 Aug 2015 15:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.8	76.4	114.6
145	34.7	25.4	38.2





#31

Naphthalene

Concen: 41.12 ng

RT: 7.82 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

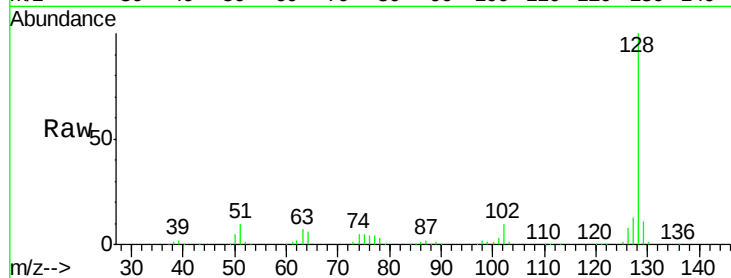
ClientSampleId :

SSTDCCC040

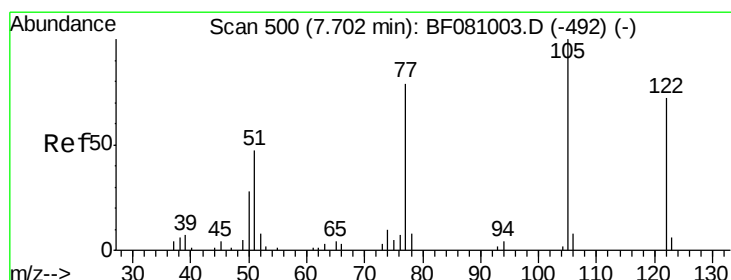
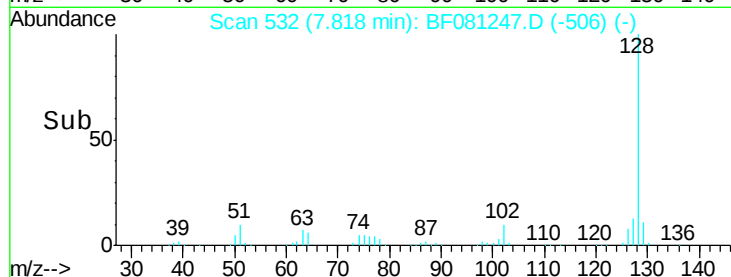
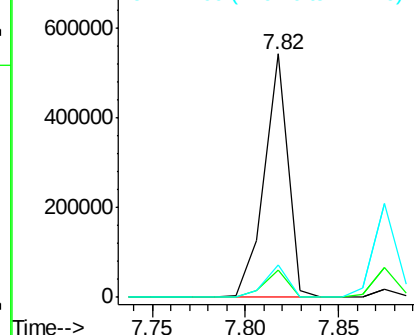
Tgt Ion:	128	Resp:	471675
Ion Ratio	Lower	Upper	
128	100		
129	11.4	8.4	12.6
127	13.4	10.6	16.0

Manual Integrations
APPROVED

MMDadoda
8/28/2015 2:22:43 PM



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 50.10 ng

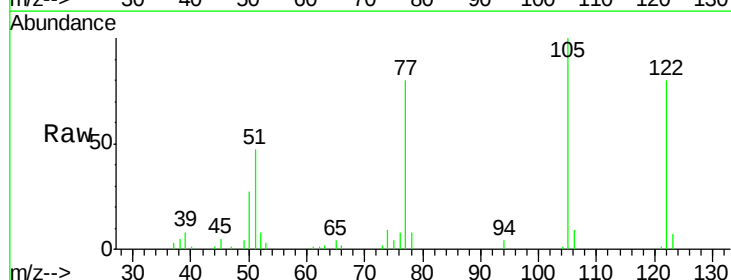
RT: 7.61 min Scan# 514

Delta R.T. 0.00 min

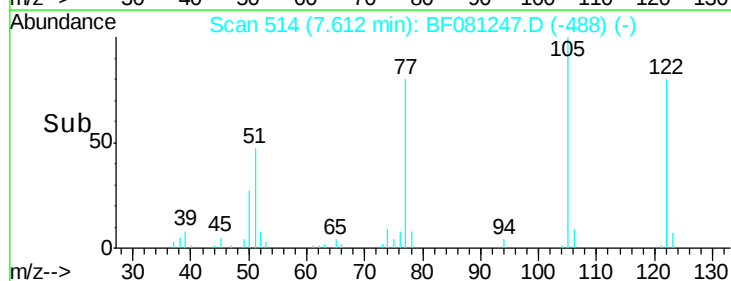
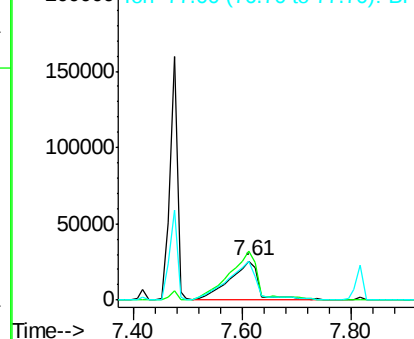
Lab File: BF081247.D

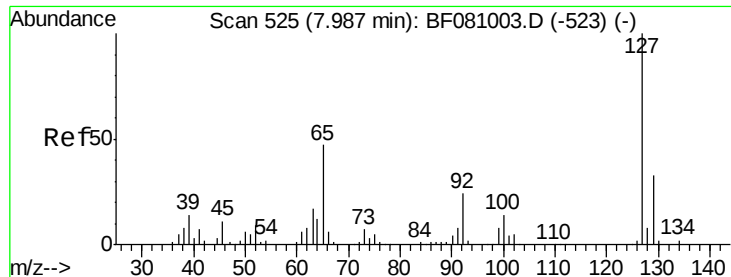
Acq: 27 Aug 2015 15:15

Tgt Ion:	122	Resp:	97658
Ion Ratio	Lower	Upper	
122	100		
105	125.8	113.8	153.8
77	101.2	93.8	133.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





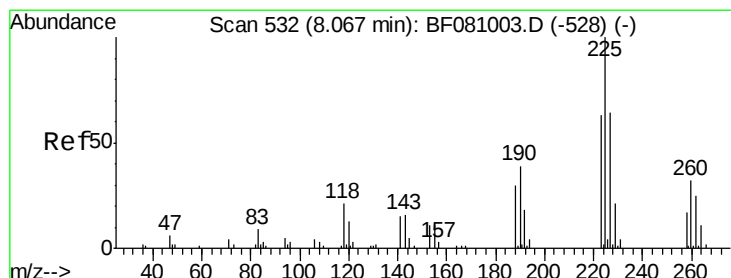
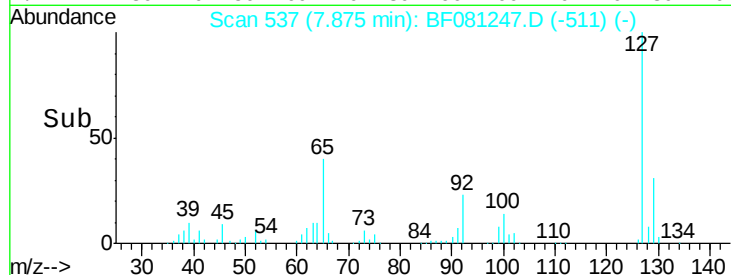
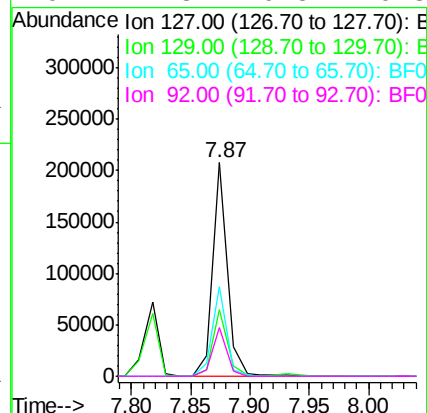
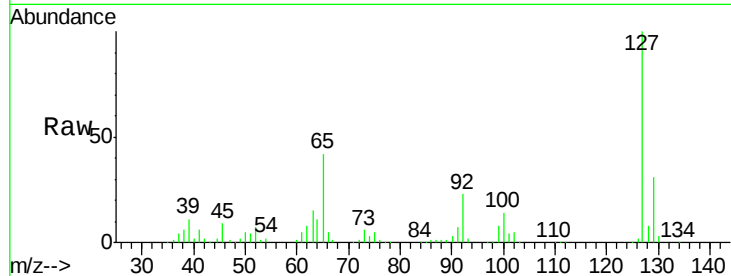
#33
4-Chloroaniline
Concen: 37.32 ng
RT: 7.87 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	180643		
129	31.4	25.2	37.8	
65	42.0	37.8	56.6	
92	22.8	19.5	29.3	

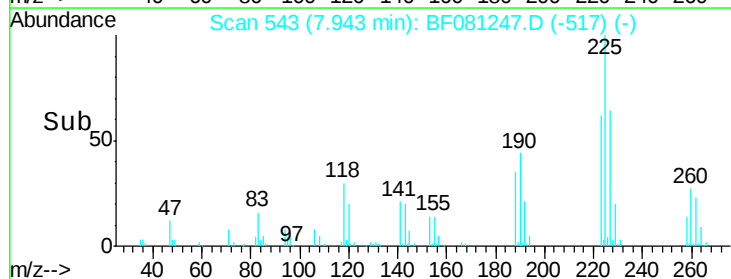
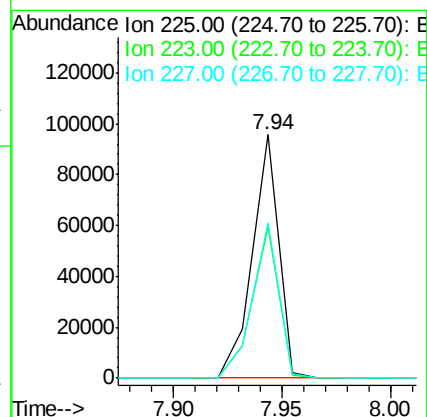
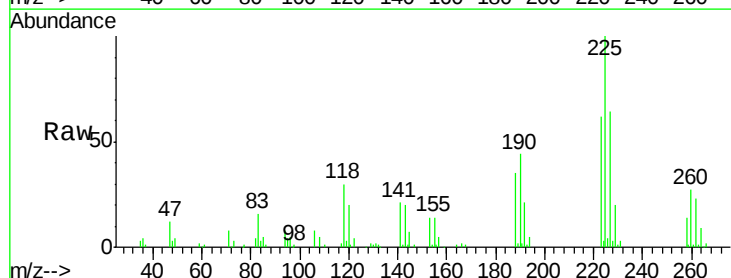
Manual Integrations
APPROVED

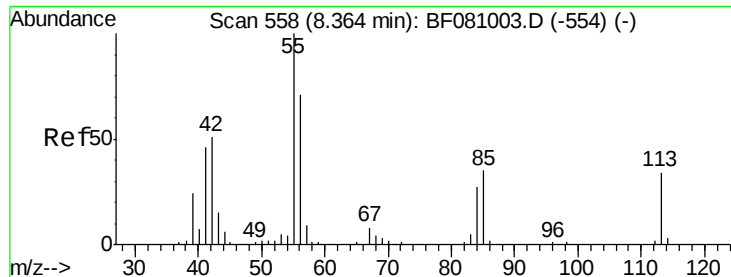
MMDadoda
8/28/2015 2:22:43 PM



#34
Hexachlorobutadiene
Concen: 43.90 ng
RT: 7.94 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	80494		
223	62.0	52.6	79.0	
227	63.6	51.1	76.7	





#35

Caprolactam

Concen: 38.17 ng

RT: 8.26 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF081247.D

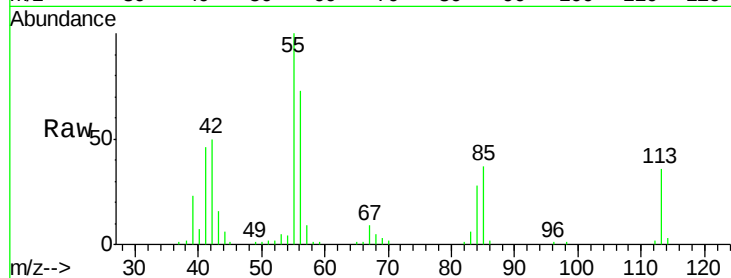
Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:113 Resp: 38925

Ion Ratio Lower Upper

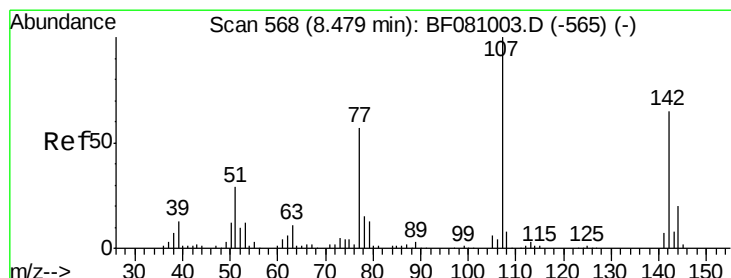
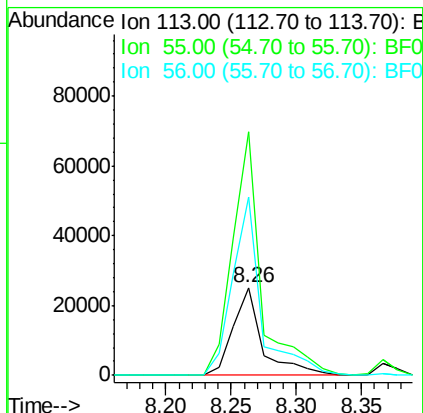
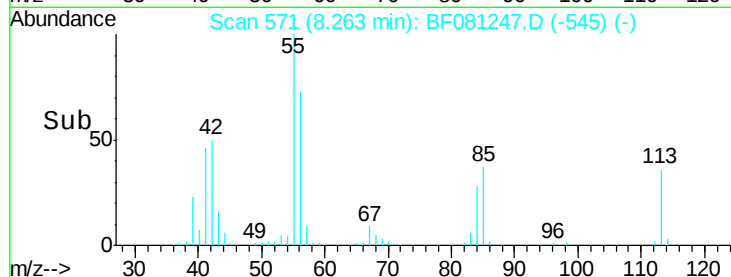
113 100

55 277.3 280.4 320.4#

56 202.6 205.9 245.9#

Manual Integrations
APPROVED

MMDadoda
8/28/2015 2:22:43 PM



#36

4-Chloro-3-methylphenol

Concen: 38.86 ng

RT: 8.37 min Scan# 580

Delta R.T. 0.00 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

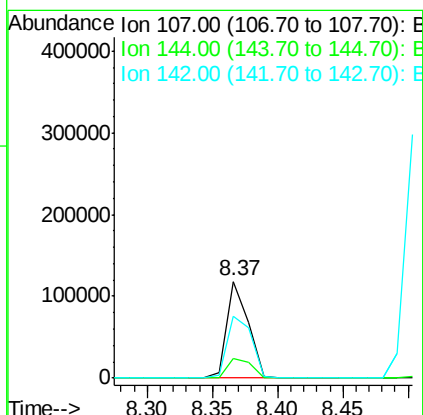
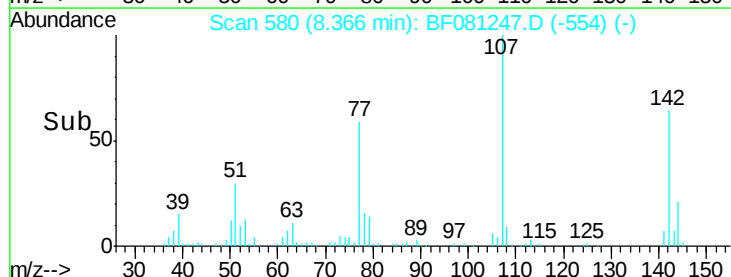
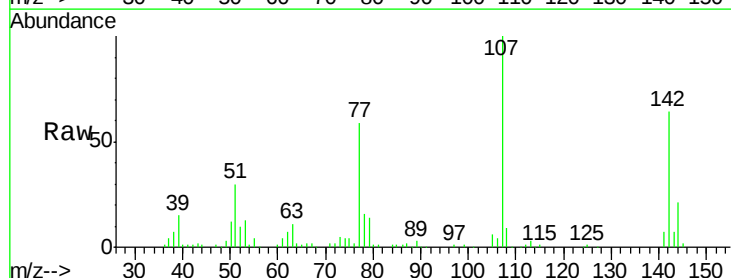
Tgt Ion:107 Resp: 135131

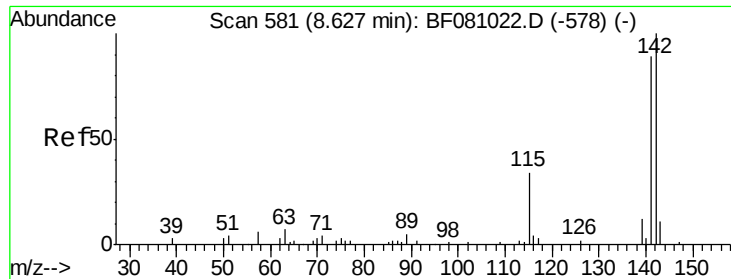
Ion Ratio Lower Upper

107 100

144 20.6 17.2 25.8

142 64.0 54.9 82.3





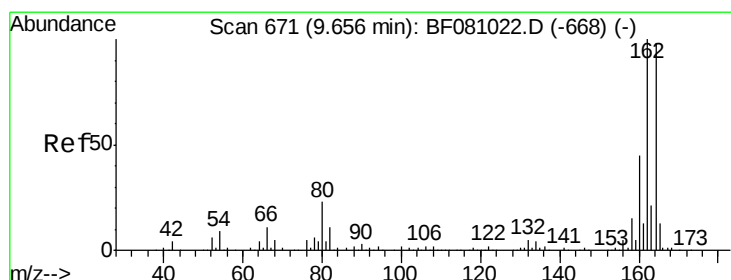
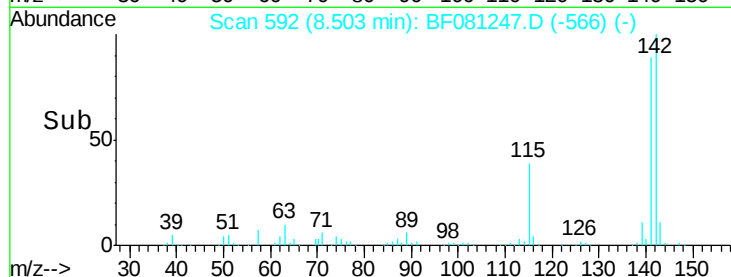
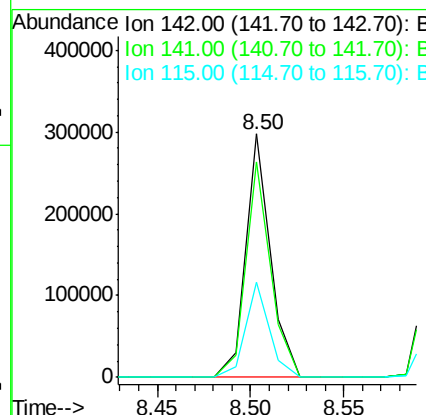
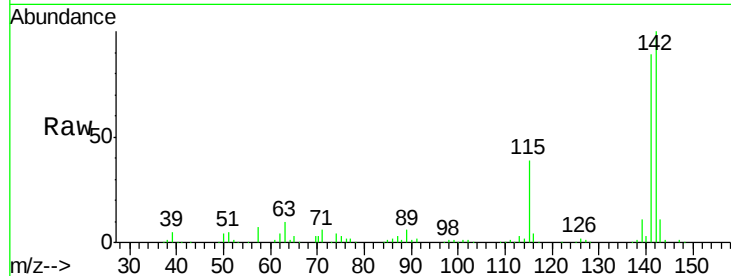
#37
 2-Methylnaphthalene
 Concen: 37.88 ng
 RT: 8.50 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF081247.D
 Acq: 27 Aug 2015 15:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	274507		
141	88.7	71.4	107.2	
115	39.1	33.4	50.0	

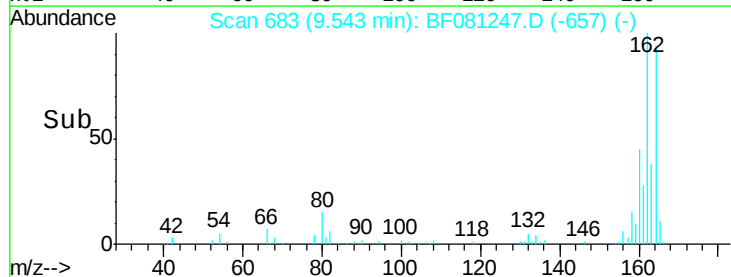
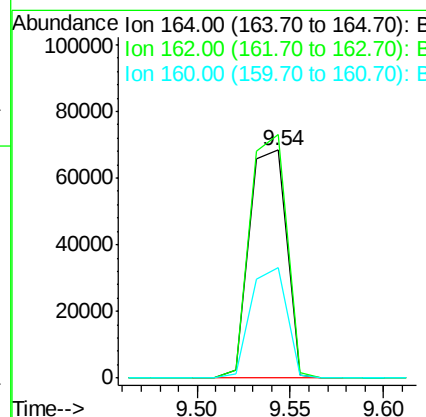
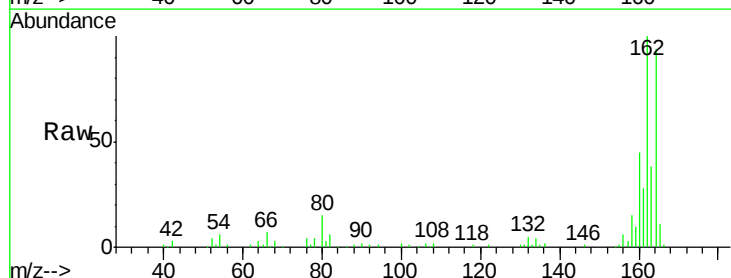
Manual Integrations
 APPROVED

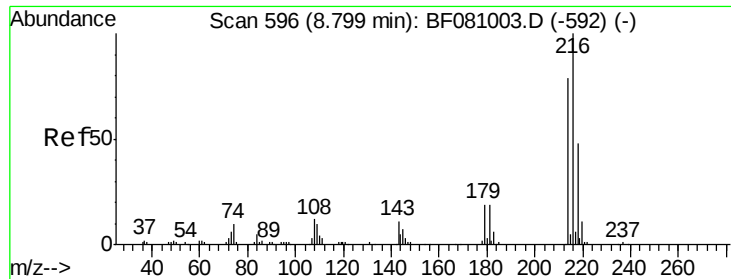
MMDadoda
 8/28/2015 2:22:43 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF081247.D
 Acq: 27 Aug 2015 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	94375		
162	106.7	83.8	125.8	
160	48.5	39.8	59.8	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.87 ng

RT: 8.67 min Scan# 607

Delta R.T. 0.00 min

Lab File: BF081247.D

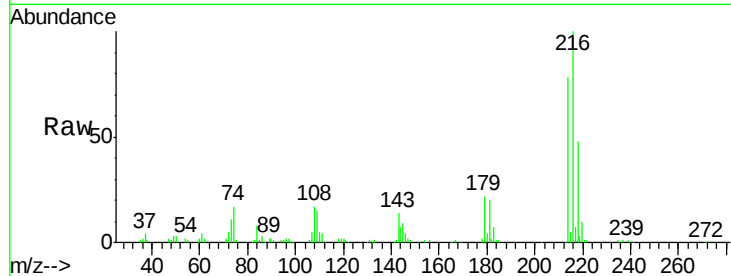
Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 216 Resp: 130548

Ion Ratio Lower Upper

216 100

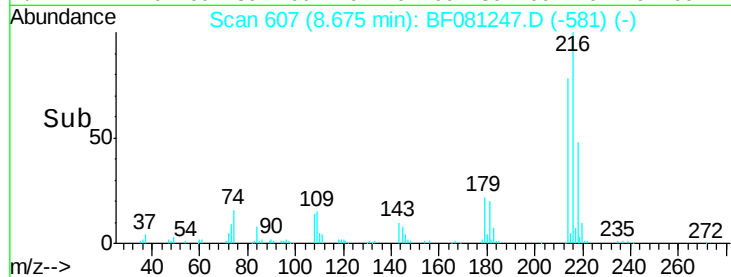
214 78.4 63.8 95.8

179 23.2 17.8 26.8

108 22.0 16.2 24.2

Manual Integrations
APPROVED

MMDadoda
8/28/2015 2:22:43 PM

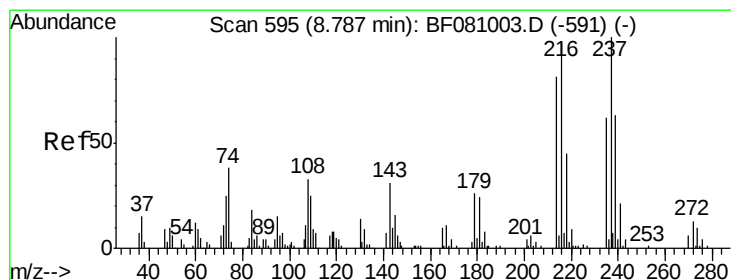
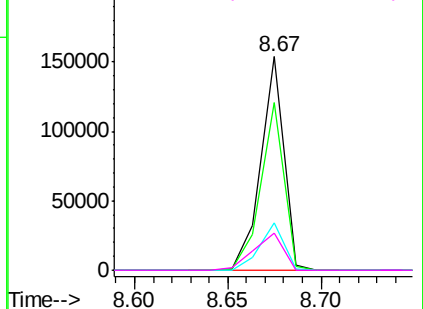


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 38.97 ng

RT: 8.66 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

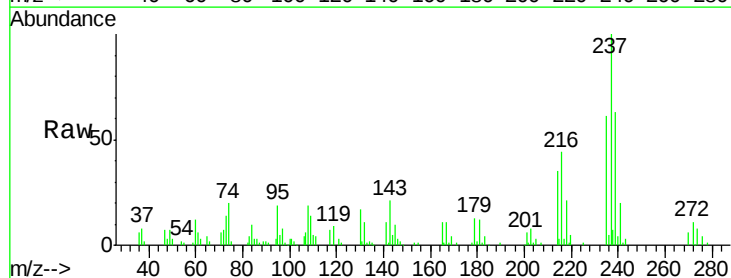
Tgt Ion: 237 Resp: 61418

Ion Ratio Lower Upper

237 100

235 61.2 43.6 83.6

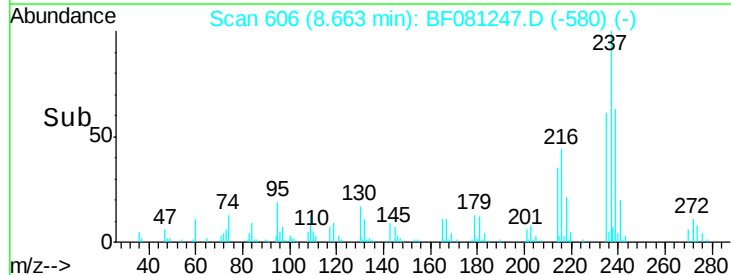
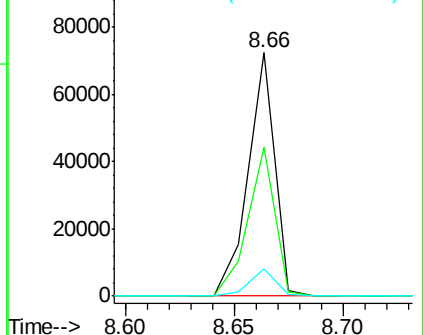
272 11.1 0.0 32.2

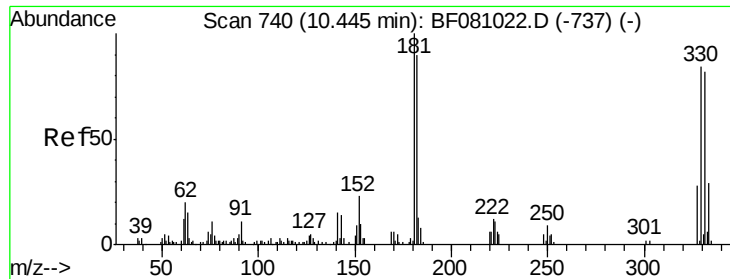


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 78.89 ng

RT: 10.32 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF081247.D

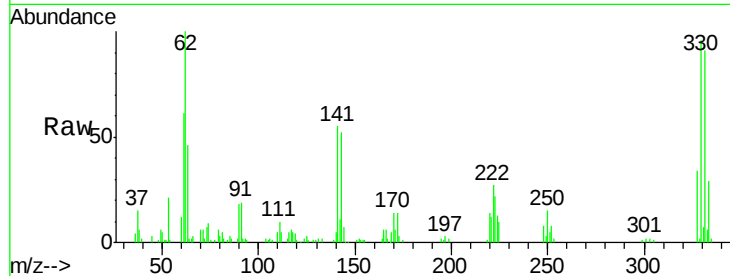
Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

ClientSampleId :

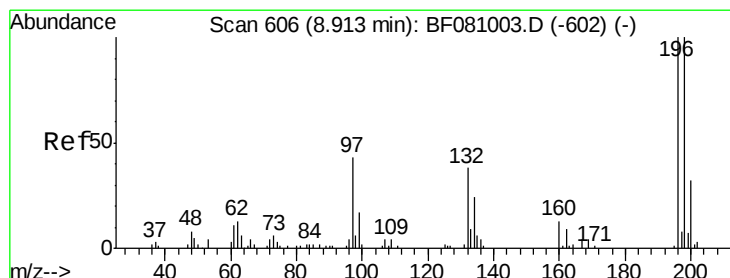
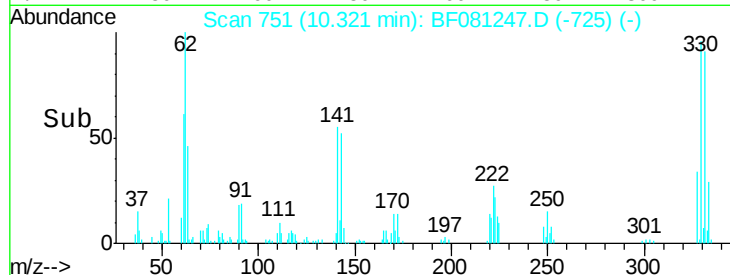
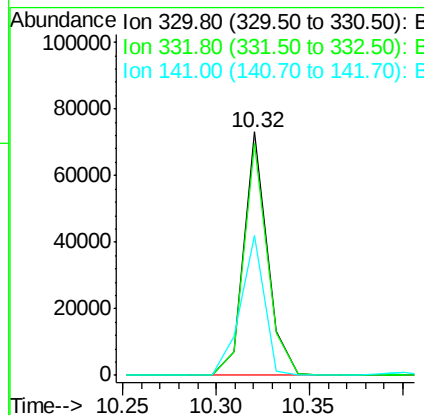
SSTDCCC040



Tgt Ion:	330	Resp:	64541
Ion Ratio	Lower	Upper	
330	100		
332	95.8	77.3	115.9
141	58.6	44.9	67.3

Manual Integrations
APPROVED

MMDadoda
8/28/2015 2:22:43 PM



#42

2,4,6-Trichlorophenol

Concen: 40.41 ng

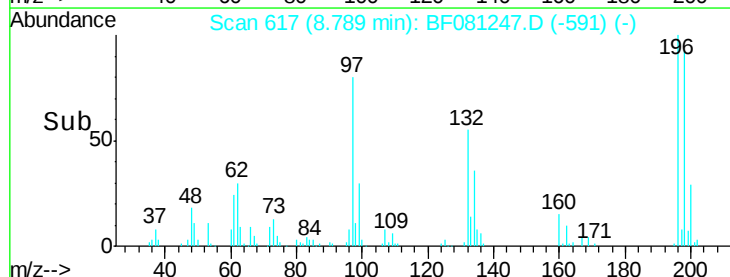
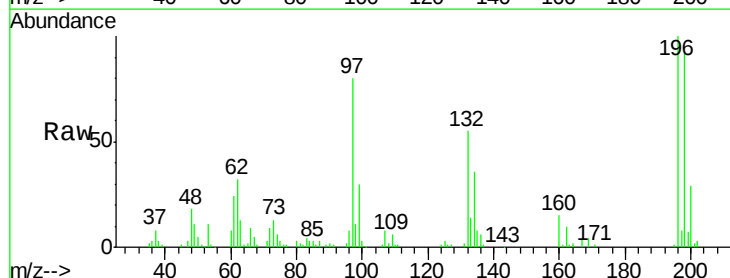
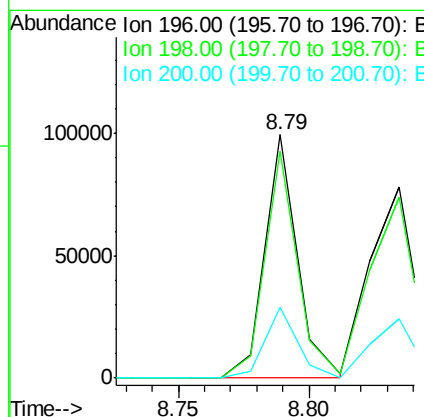
RT: 8.79 min Scan# 617

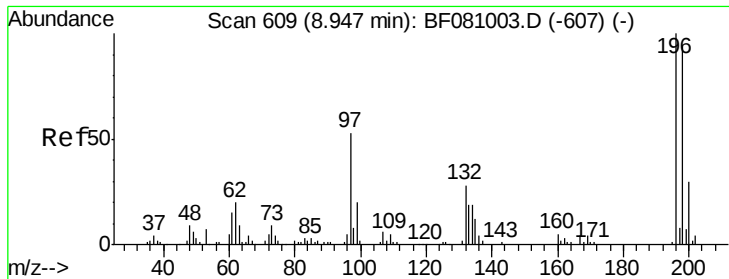
Delta R.T. 0.00 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Tgt Ion:	196	Resp:	86926
Ion Ratio	Lower	Upper	
196	100		
198	93.5	74.6	111.8
200	28.9	22.7	34.1





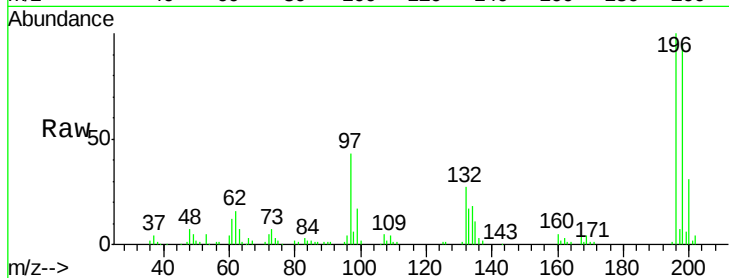
#43
 2,4,5-Trichlorophenol
 Concen: 41.84 ng
 RT: 8.83 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF081247.D
 Acq: 27 Aug 2015 15:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

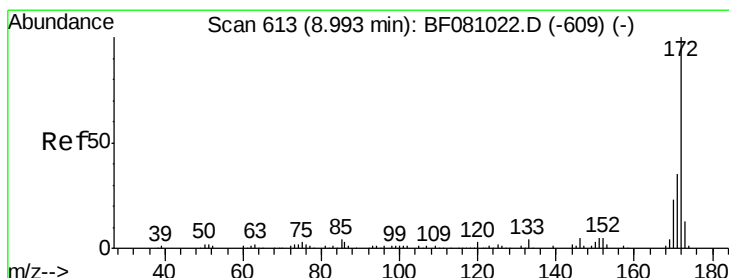
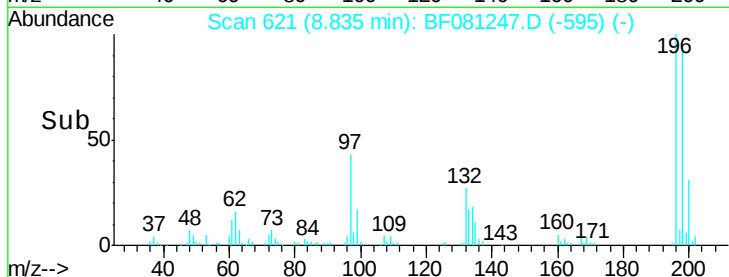
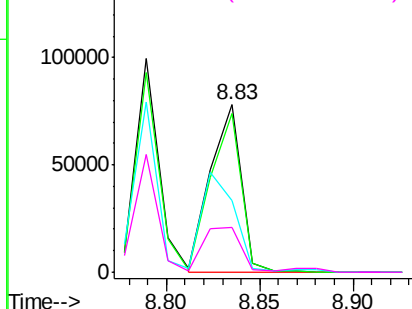
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
196	100		89957		
198	94.9	78.3	117.5		
97	42.8	42.7	64.1		
132	26.6	23.3	34.9		

Manual Integrations
 APPROVED

MMDadoda
 8/28/2015 2:22:43 PM



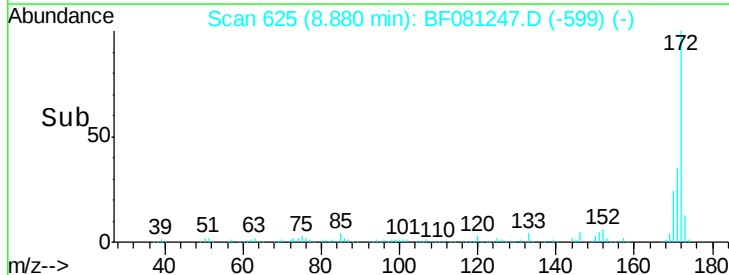
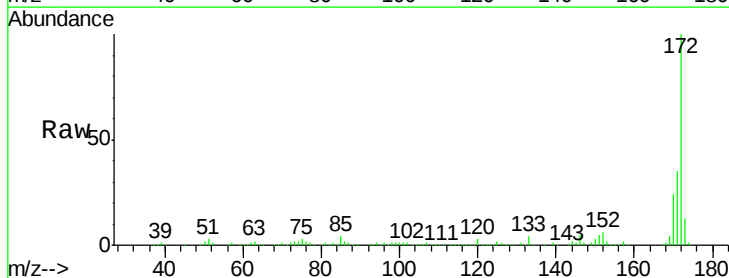
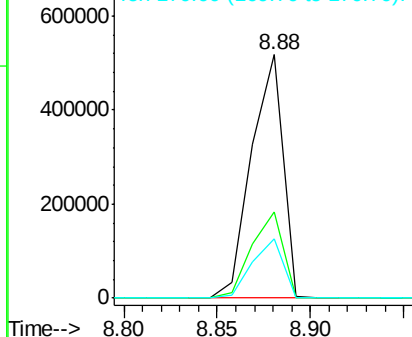
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

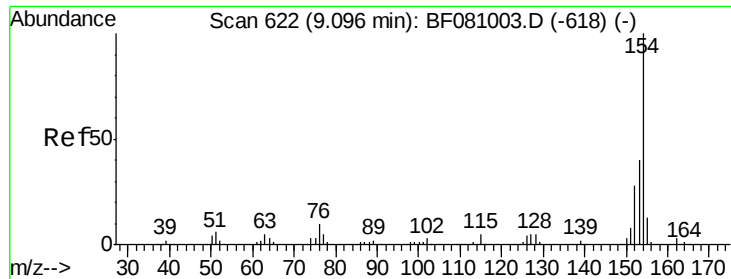


#44
 2-Fluorobiphenyl
 Concen: 83.99 ng
 RT: 8.88 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF081247.D
 Acq: 27 Aug 2015 15:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		604982		
171	35.1	28.9	43.3		
170	24.3	19.4	29.2		

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





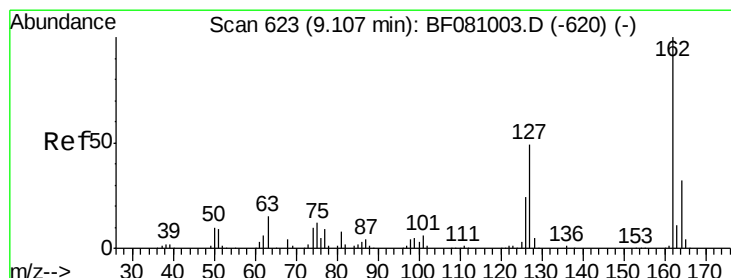
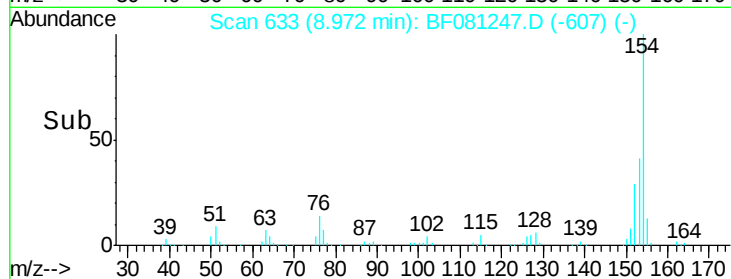
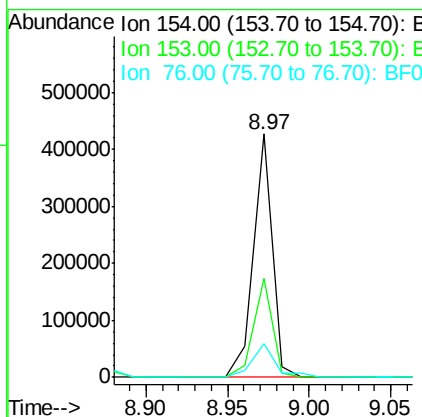
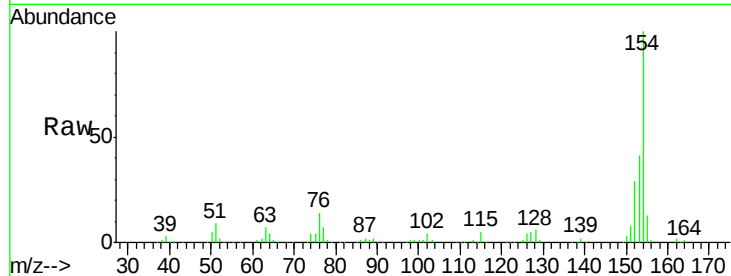
#45
 1,1'-Biphenyl
 Concen: 41.30 ng
 RT: 8.97 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF081247.D
 Acq: 27 Aug 2015 15:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	343341		
153	40.6	19.5	59.5	
76	13.6	0.0	29.3	

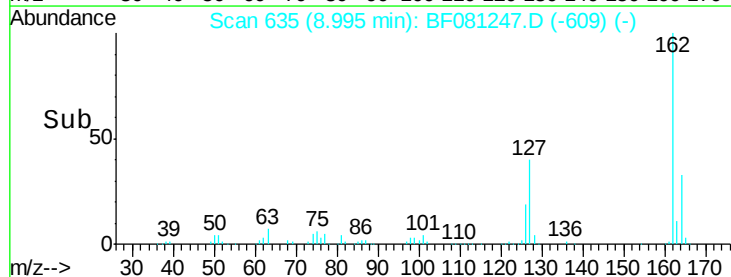
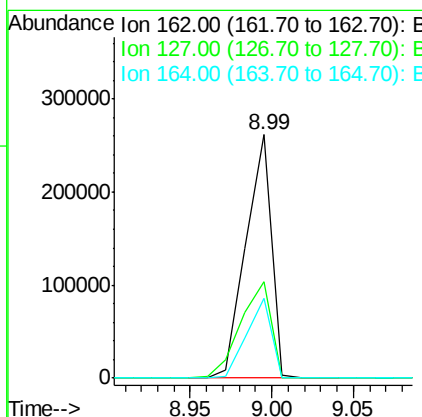
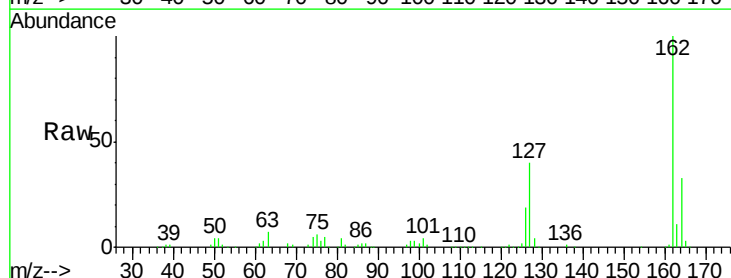
Manual Integrations
 APPROVED

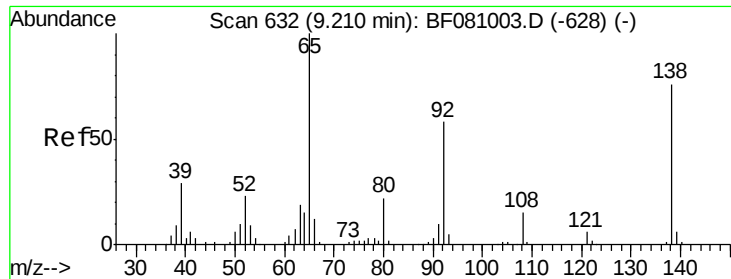
MMDadoda
 8/28/2015 2:22:43 PM



#46
 2-Chloronaphthalene
 Concen: 42.32 ng
 RT: 8.99 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF081247.D
 Acq: 27 Aug 2015 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	282610		
127	39.5	31.3	46.9	
164	32.5	26.3	39.5	





#47

2-Nitroaniline

Concen: 47.56 ng

RT: 9.10 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF081247.D

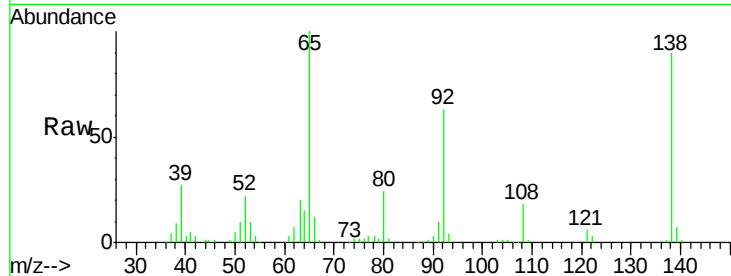
Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 65 Resp: 129984

Ion Ratio Lower Upper

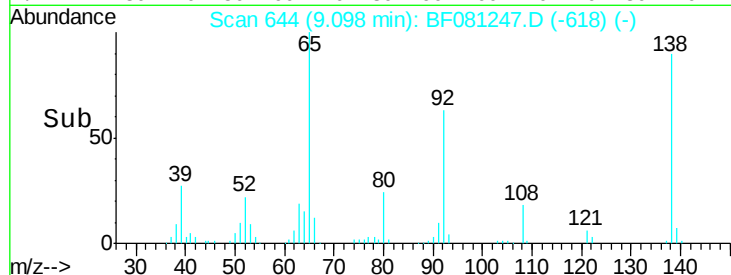
65 100

92 63.3 45.6 68.4

138 89.9 57.9 86.9#

Manual Integrations
APPROVED

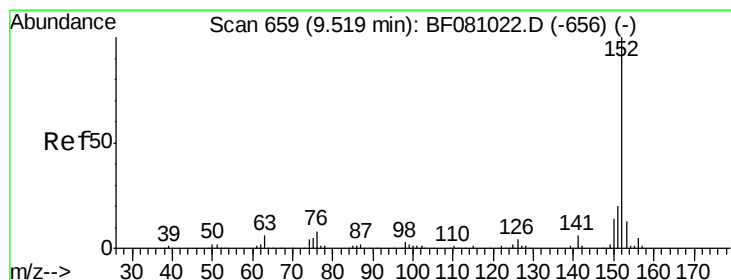
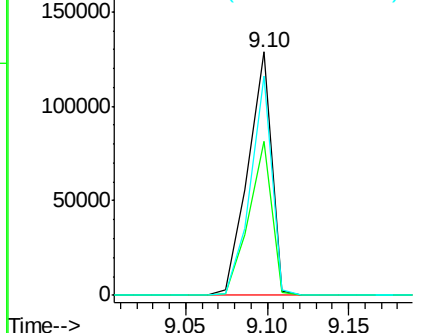
MMDadoda
8/28/2015 2:22:43 PM



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 36.47 ng

RT: 9.39 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

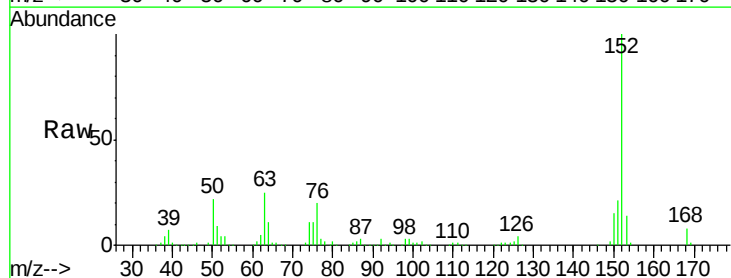
Tgt Ion: 152 Resp: 435668

Ion Ratio Lower Upper

152 100

151 20.8 16.1 24.1

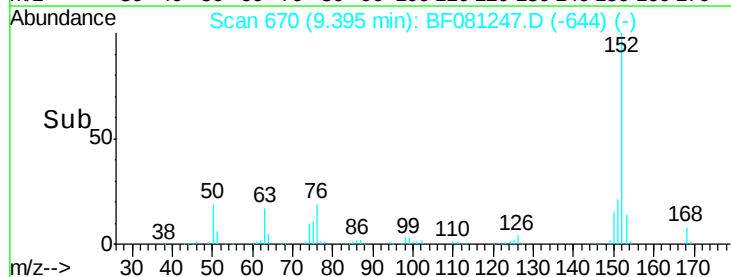
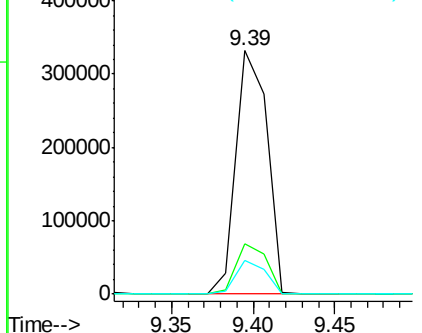
153 13.8 9.8 14.6

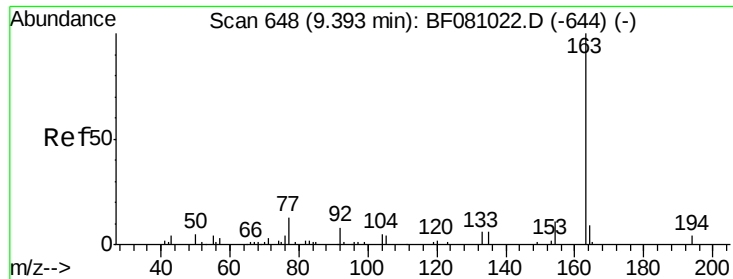


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





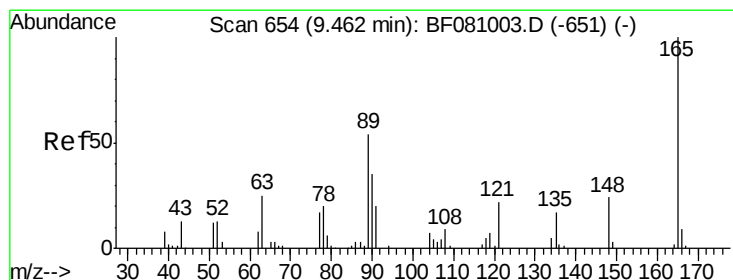
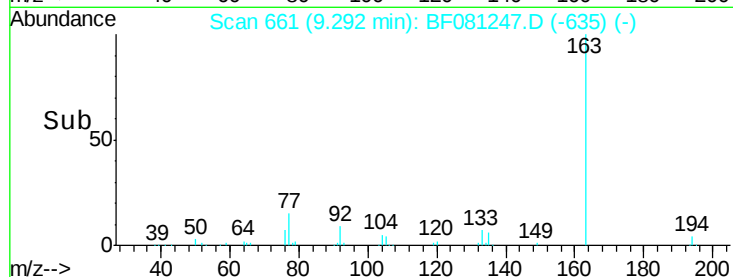
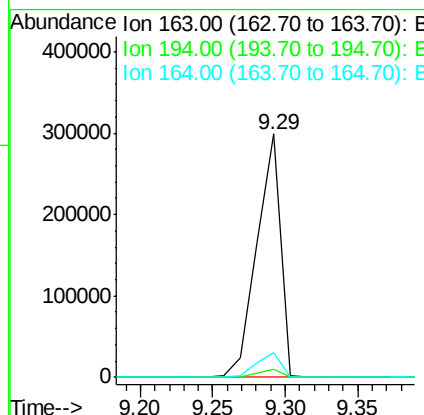
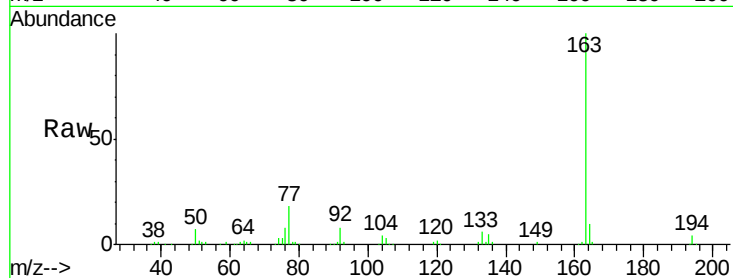
#49
Dimethylphthalate
Concen: 43.57 ng
RT: 9.29 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	338649		
194	3.6	2.5	3.7	
164	10.0	8.1	12.1	

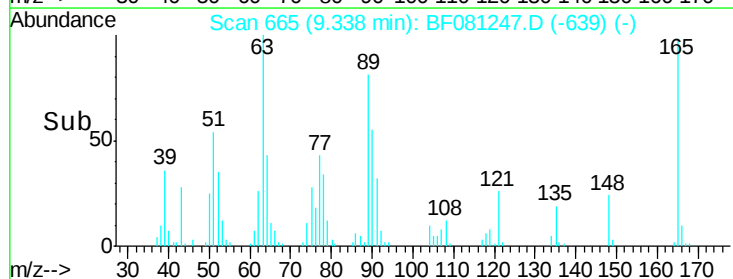
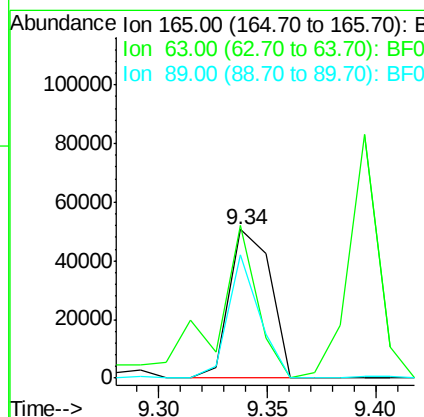
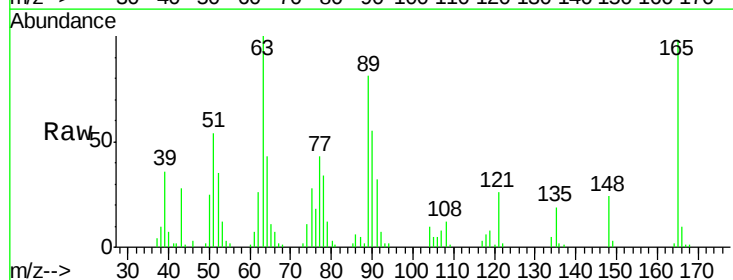
Manual Integrations
APPROVED

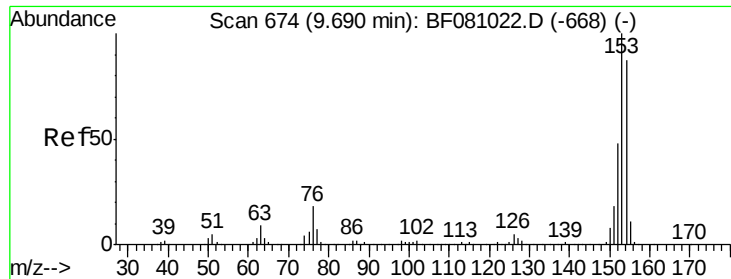
MMDadoda
8/28/2015 2:22:43 PM



#50
2,6-Dinitrotoluene
Concen: 39.79 ng
RT: 9.34 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	66400		
63	102.4	49.5	74.3#	
89	82.8	47.6	71.4#	





#51

Acenaphthene

Concen: 35.97 ng

RT: 9.57 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF081247.D

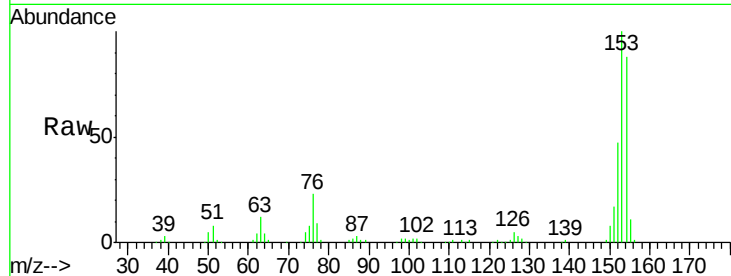
Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

ClientSampleId :

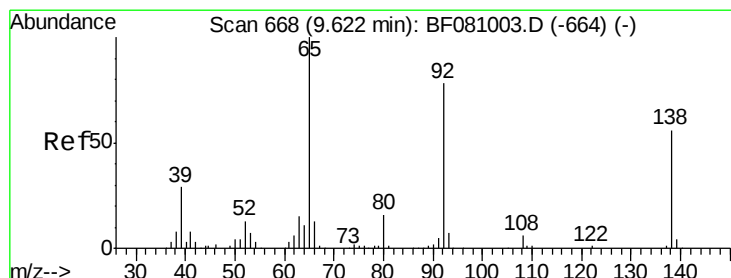
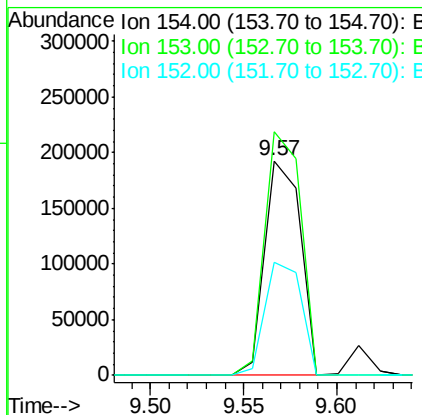
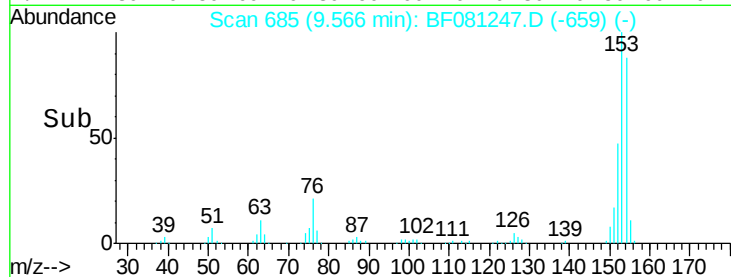
SSTDCCC040



Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.6	91.4	137.2
152	52.9	43.7	65.5

Manual Integrations
APPROVED

MMDadoda
8/28/2015 2:22:43 PM



#52

3-Nitroaniline

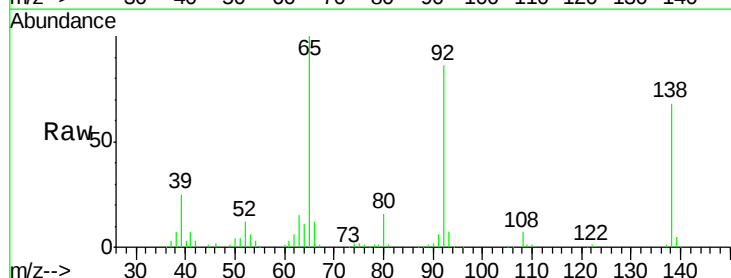
Concen: 46.03 ng

RT: 9.51 min Scan# 680

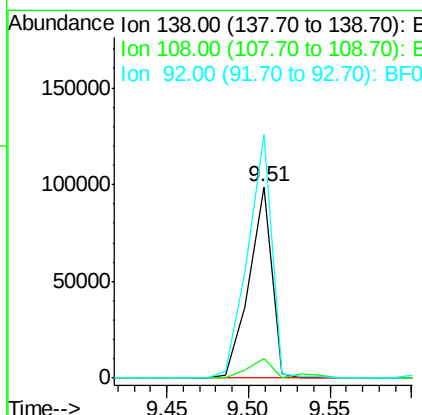
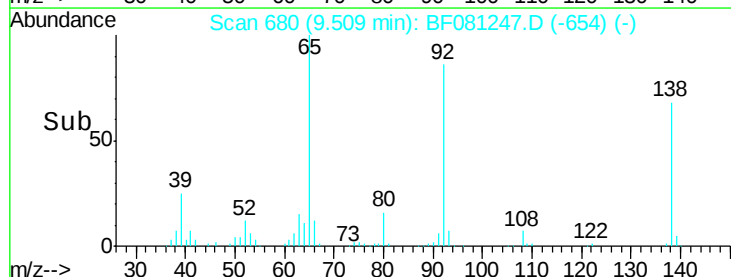
Delta R.T. 0.00 min

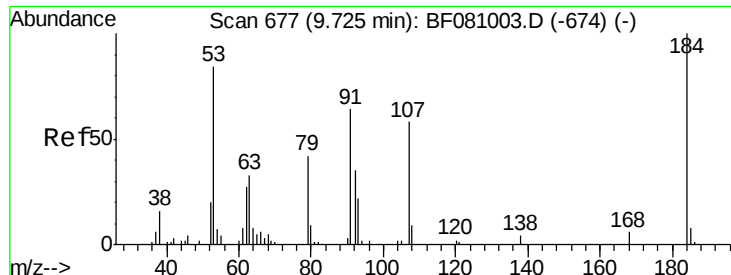
Lab File: BF081247.D

Acq: 27 Aug 2015 15:15



Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.4	14.2
92	127.3	113.2	169.8





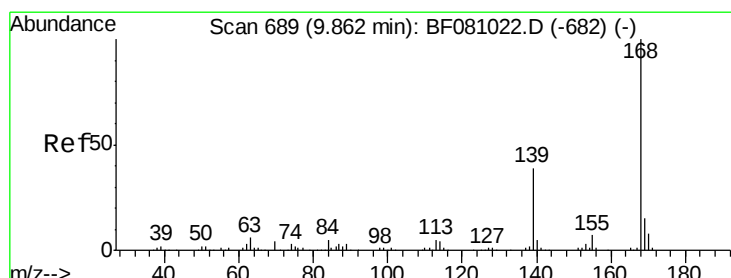
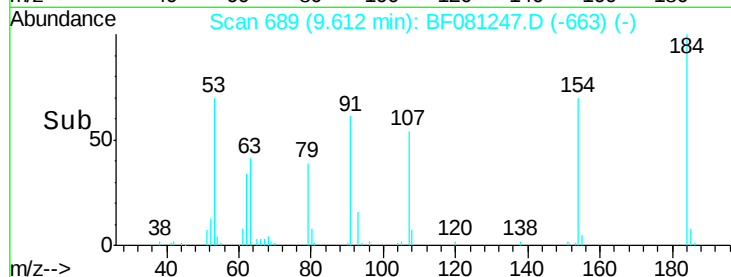
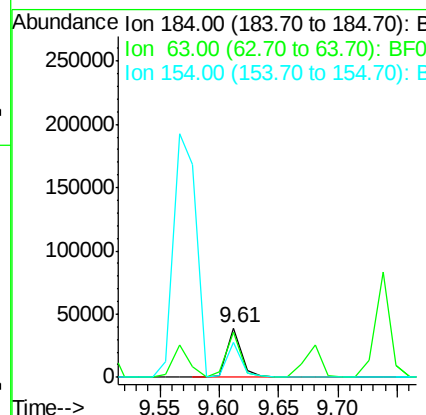
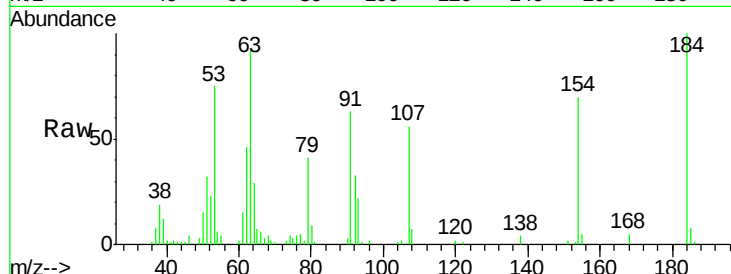
#53
2,4-Dinitrophenol
Concen: 41.75 ng
RT: 9.61 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	34054		
63	92.5	101.7	152.5#	
154	69.9	67.4	101.0	

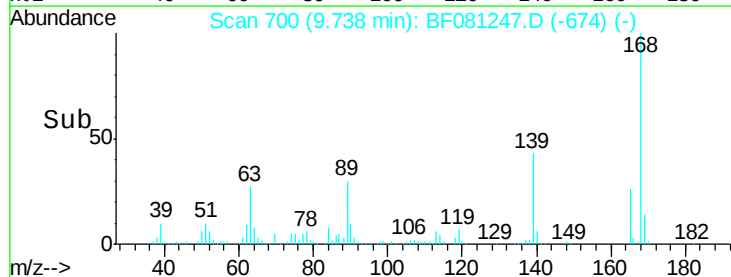
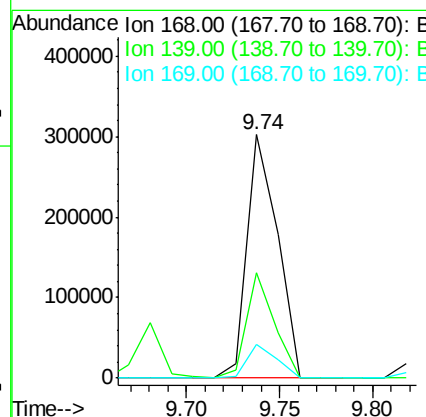
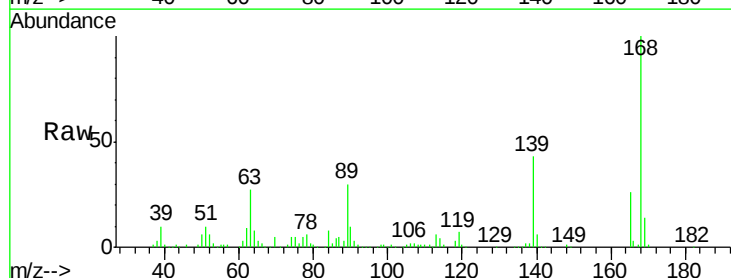
Manual Integrations
APPROVED

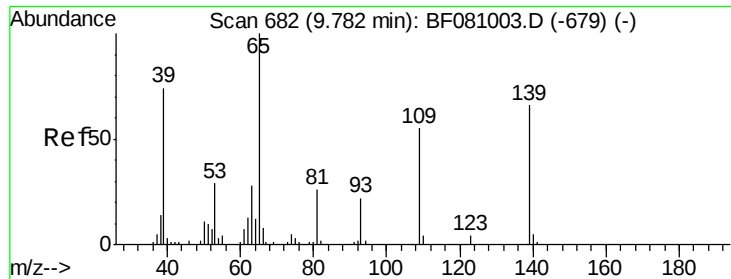
MMDadoda
8/28/2015 2:22:43 PM



#54
Dibenzofuran
Concen: 35.84 ng
RT: 9.74 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	343443		
139	43.5	29.3	43.9	
169	13.9	10.3	15.5	





#55

4-Nitrophenol

Concen: 43.42 ng

RT: 9.68 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF081247.D

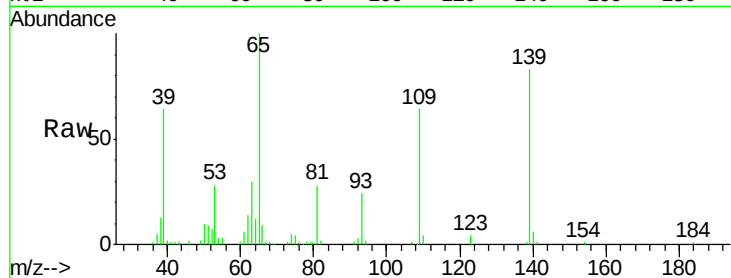
Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:139 Resp: 63683

Ion Ratio Lower Upper

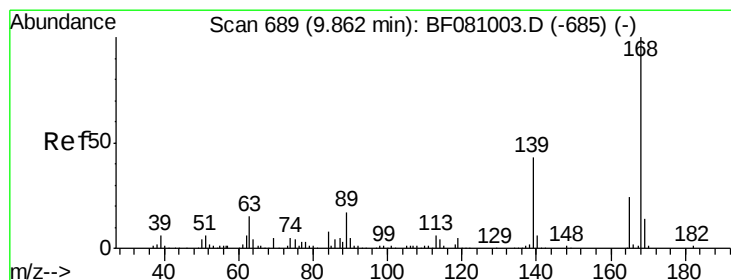
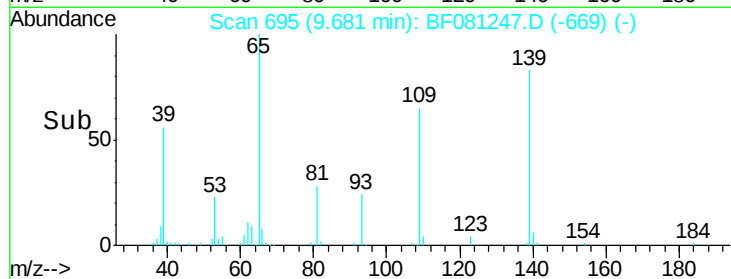
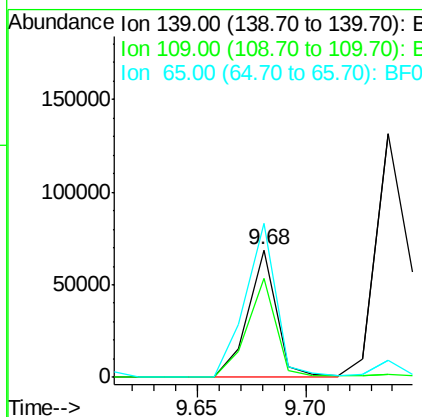
139 100

109 77.7 80.0 120.0#

65 120.9 138.3 178.3#

Manual Integrations
APPROVED

MMDadoda
8/28/2015 2:22:43 PM



#56

2,4-Dinitrotoluene

Concen: 35.93 ng

RT: 9.74 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Tgt Ion:165 Resp: 79472

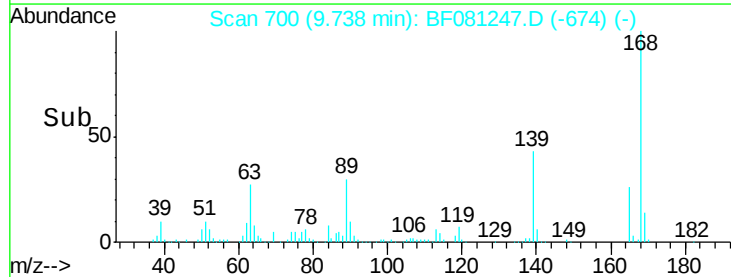
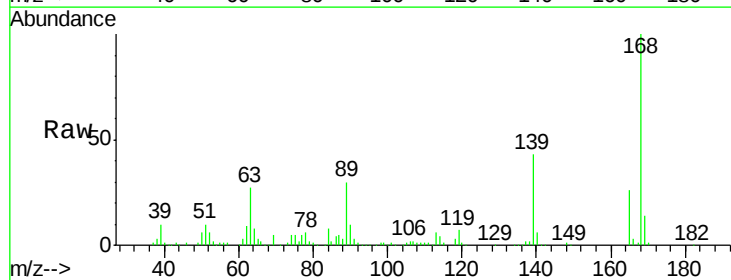
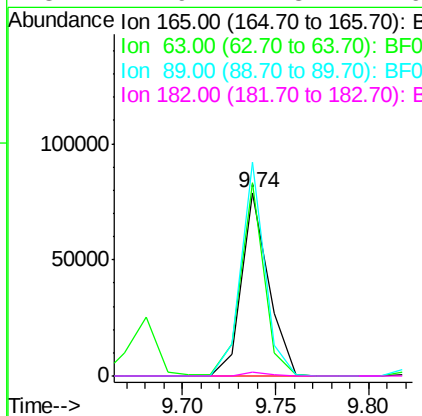
Ion Ratio Lower Upper

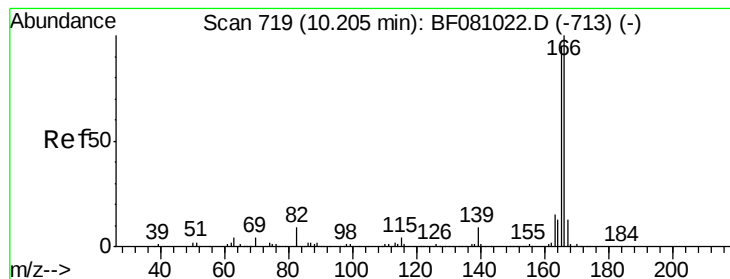
165 100

63 105.2 52.2 78.4#

89 116.4 60.1 90.1#

182 1.9 1.8 2.6





#57

Fluorene

Concen: 39.20 ng

RT: 10.08 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF081247.D

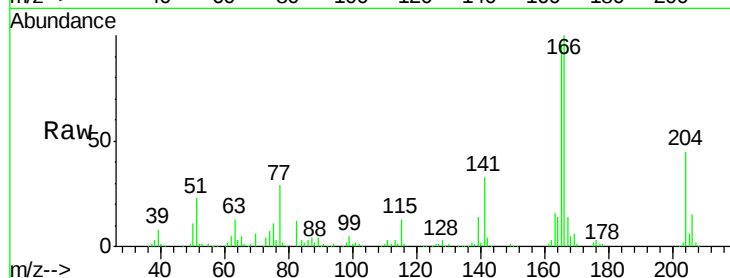
Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:166 Resp: 288980

Ion Ratio Lower Upper

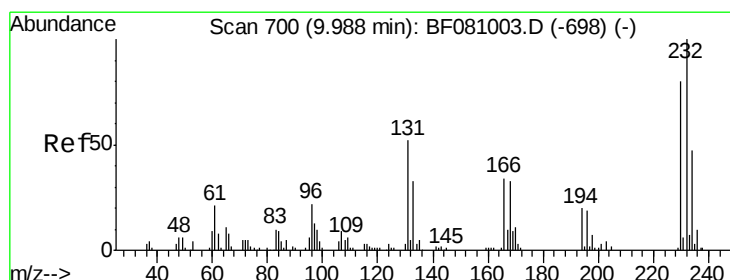
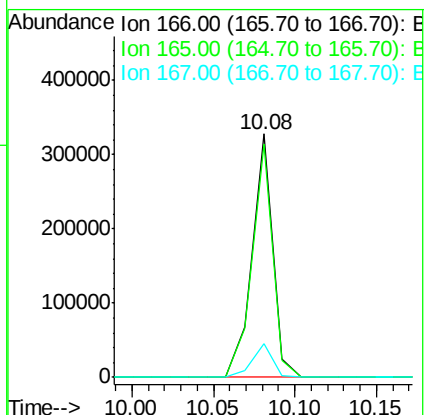
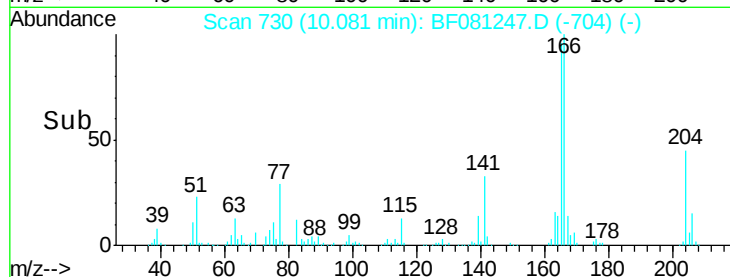
166 100

165 95.7 75.8 113.8

167 13.8 11.3 16.9

Manual Integrations
APPROVED

MMDadoda
8/28/2015 2:22:43 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.67 ng m

RT: 9.86 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Tgt Ion:232 Resp: 67669

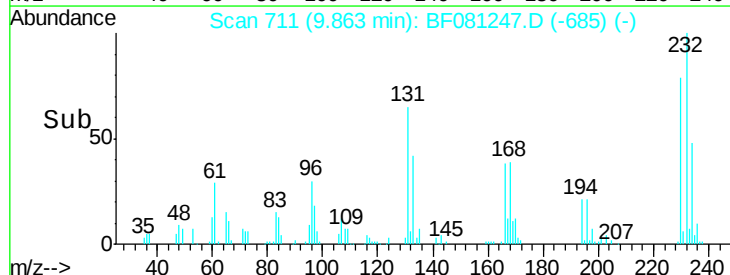
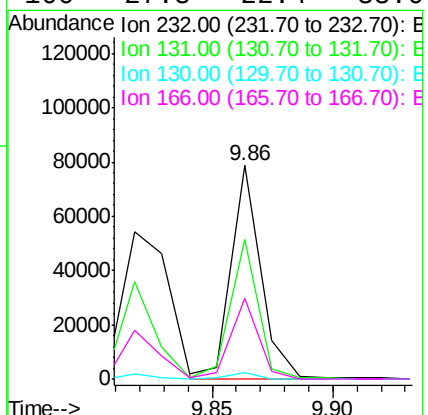
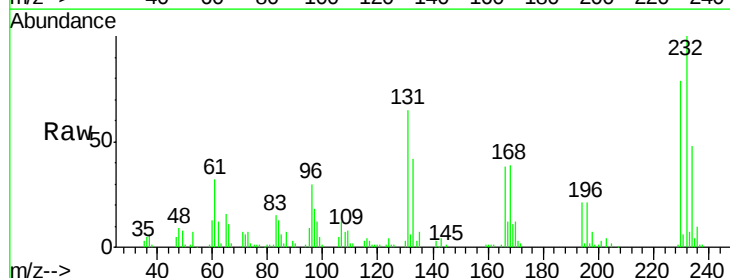
Ion Ratio Lower Upper

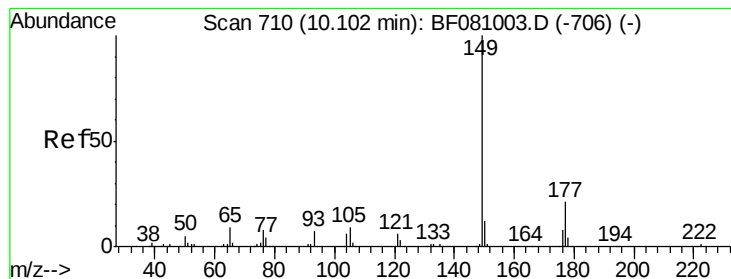
232 100

131 50.0 42.2 63.4

130 2.7 2.1 3.1

166 27.8 22.4 33.6





#59

Diethylphthalate

Concen: 40.32 ng

RT: 9.98 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF081247.D

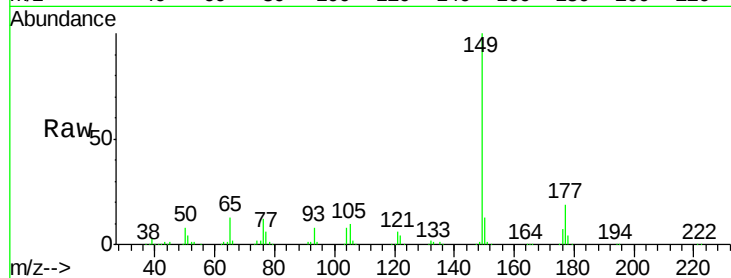
Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

ClientSampleId :

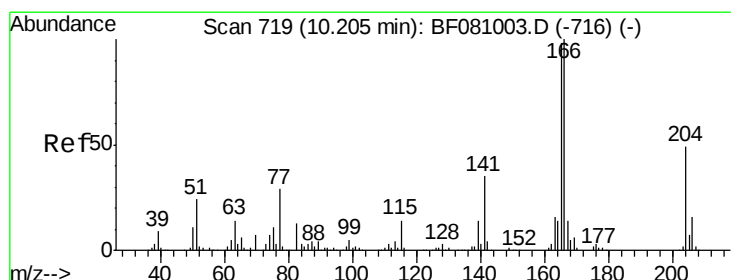
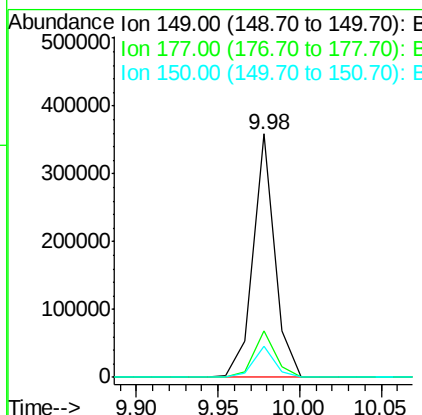
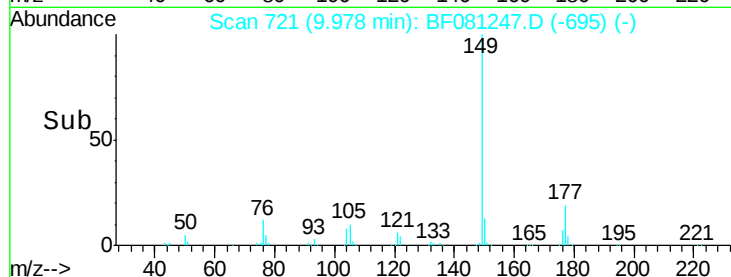
SSTDCCC040



Tgt Ion:	149	Resp:	331682
Ion Ratio	Lower	Upper	
149	100		
177	19.1	14.1	21.1
150	12.7	10.3	15.5

Manual Integrations
APPROVED

MMDadoda
8/28/2015 2:22:43 PM



#60

4-Chlorophenyl-phenylether

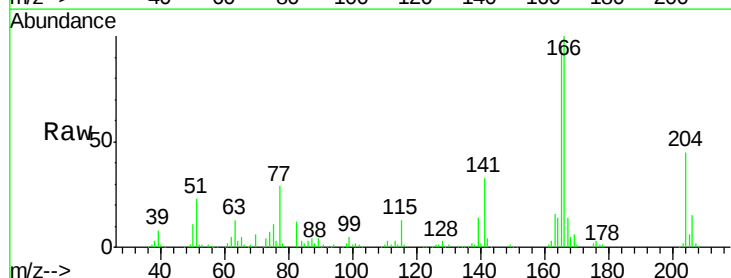
Concen: 39.98 ng

RT: 10.08 min Scan# 730

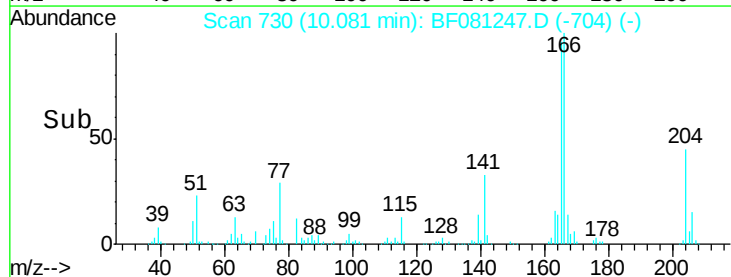
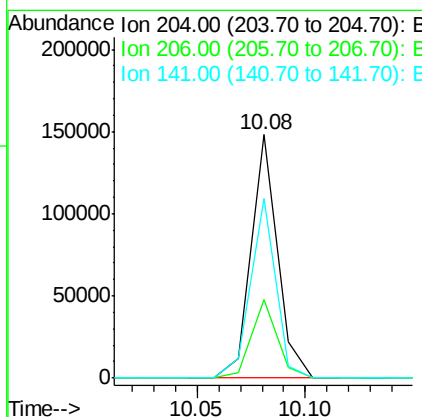
Delta R.T. 0.00 min

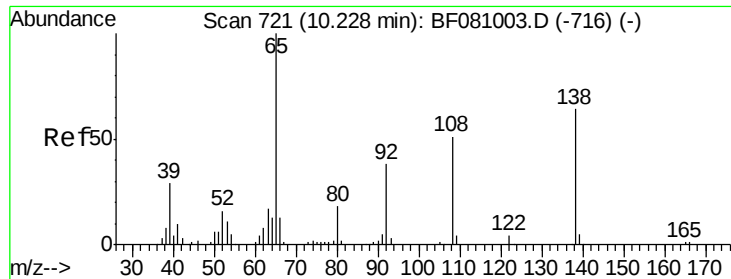
Lab File: BF081247.D

Acq: 27 Aug 2015 15:15



Tgt Ion:	204	Resp:	124713
Ion Ratio	Lower	Upper	
204	100		
206	32.4	26.2	39.2
141	73.5	59.6	89.4





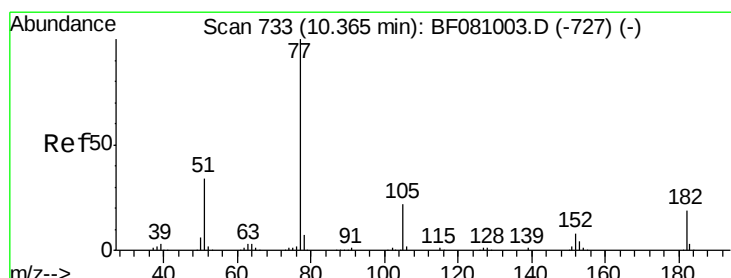
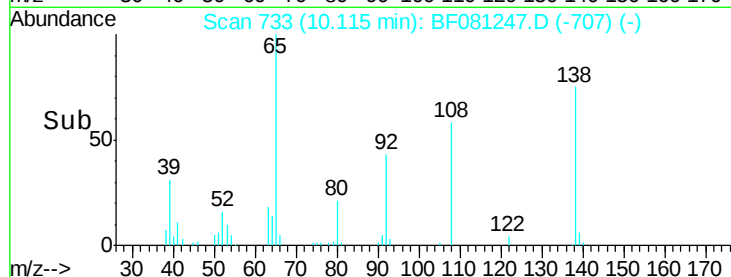
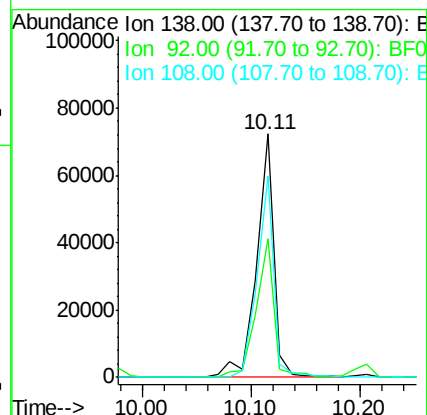
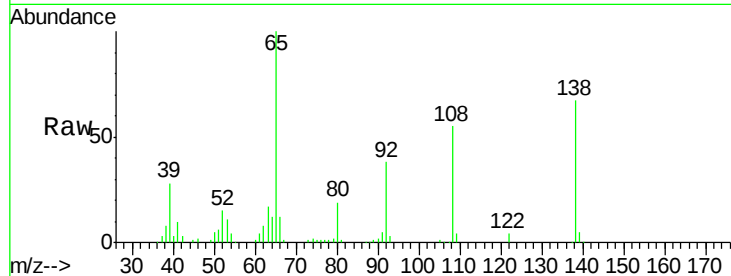
#61
4-Nitroaniline
Concen: 37.91 ng
RT: 10.11 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.9	34.7	74.7
108	82.6	68.9	108.9

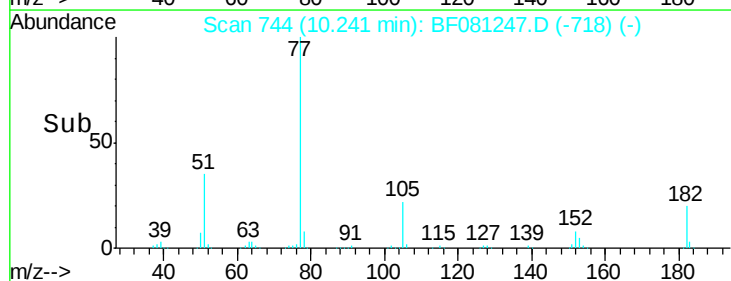
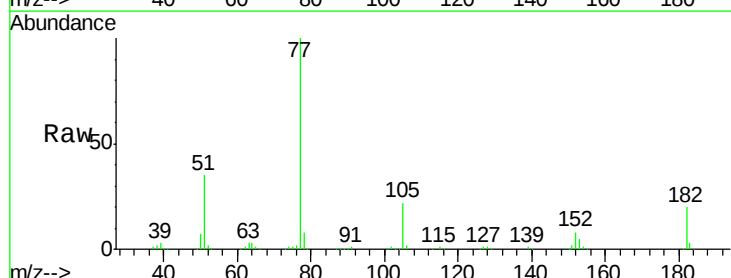
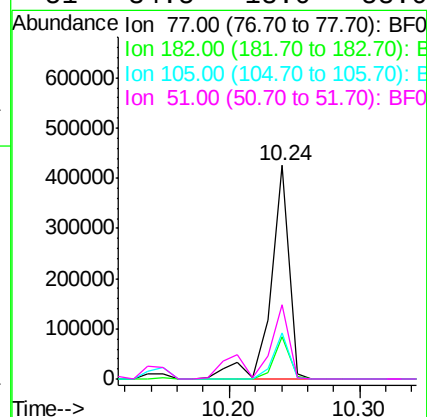
Manual Integrations
APPROVED

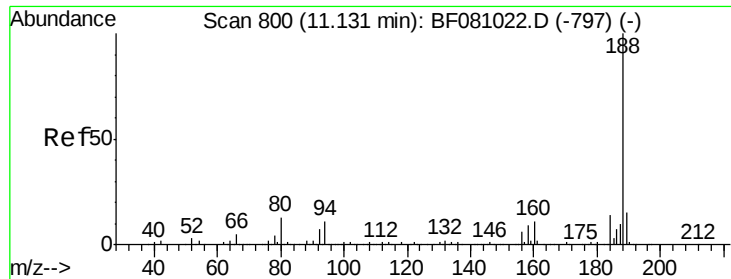
MMDadoda
8/28/2015 2:22:43 PM



#62
Azobenzene
Concen: 44.45 ng
RT: 10.24 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.6	0.0	39.0
105	21.8	0.2	40.2
51	34.5	18.0	58.0





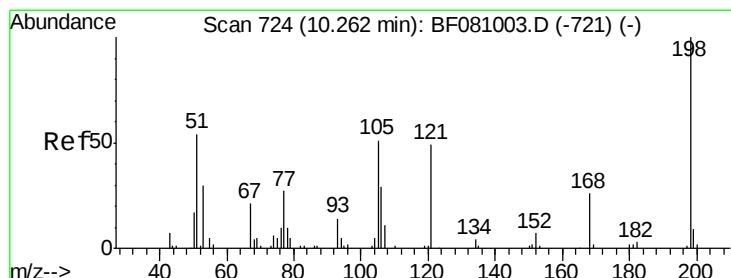
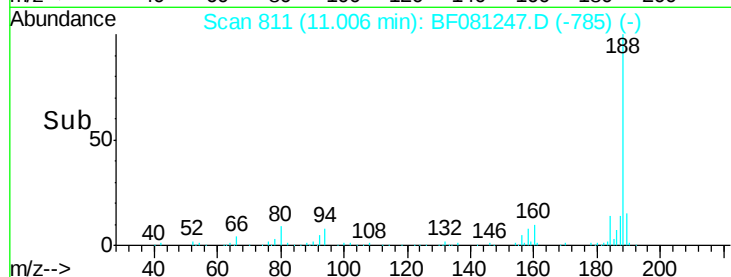
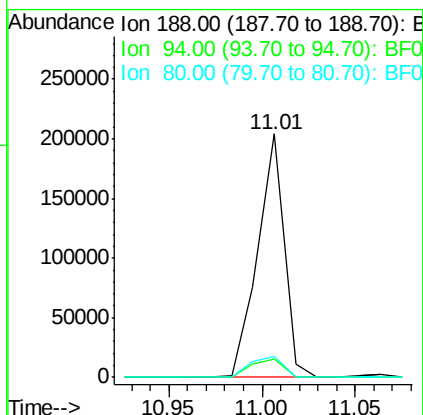
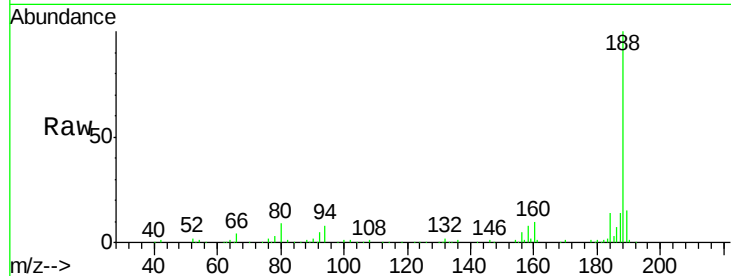
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.01 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.5	8.2	12.2#
80	8.6	9.5	14.3#

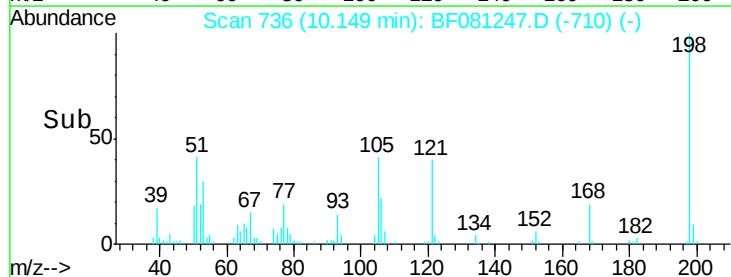
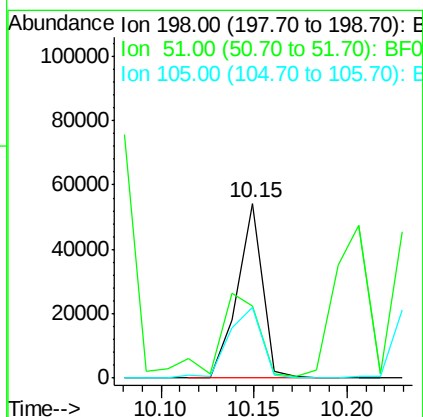
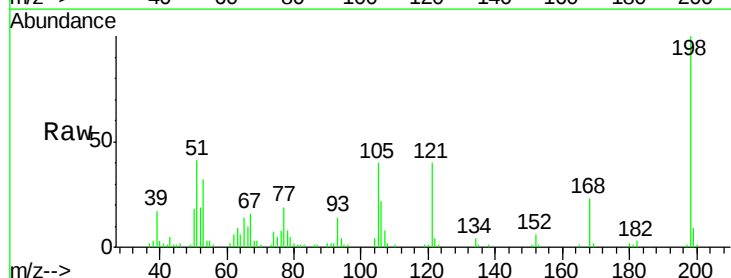
Manual Integrations
APPROVED

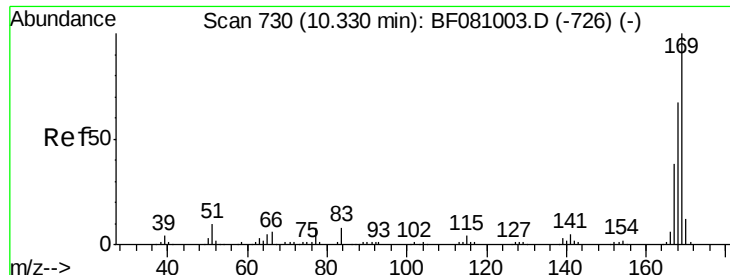
MMDadoda
8/28/2015 2:22:43 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 43.20 ng
RT: 10.15 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	41.1	79.7	119.7#
105	40.3	47.0	87.0#





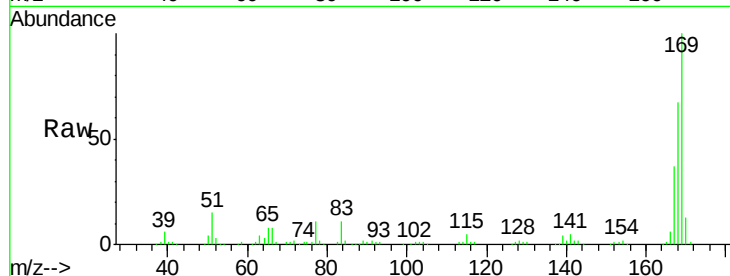
#65
n-Nitrosodiphenylamine
Concen: 41.92 ng
RT: 10.21 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	299199		
168	67.3	55.3	82.9	
167	36.9	30.8	46.2	

Manual Integrations
APPROVED

MMDadoda
8/28/2015 2:22:43 PM

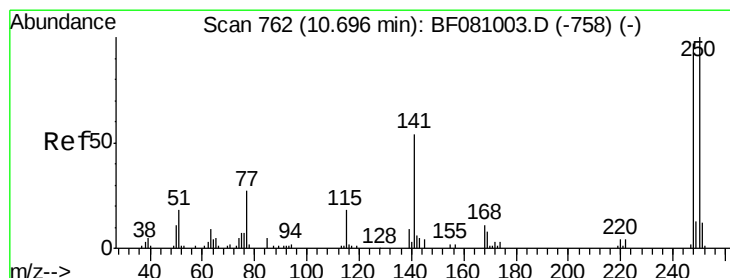
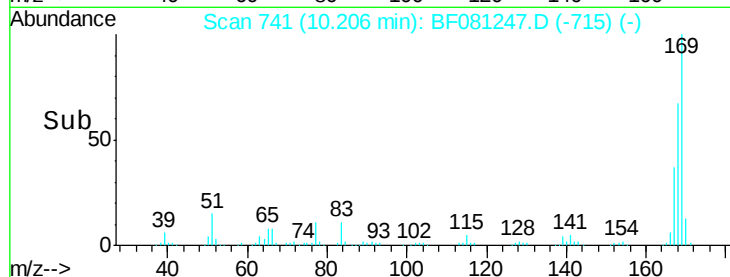
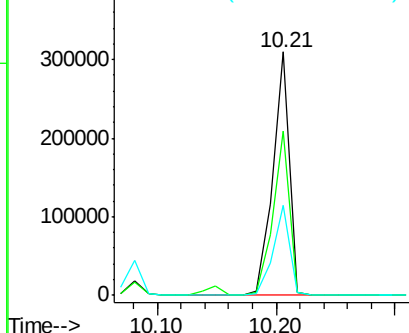


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 36.36 ng
RT: 10.56 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

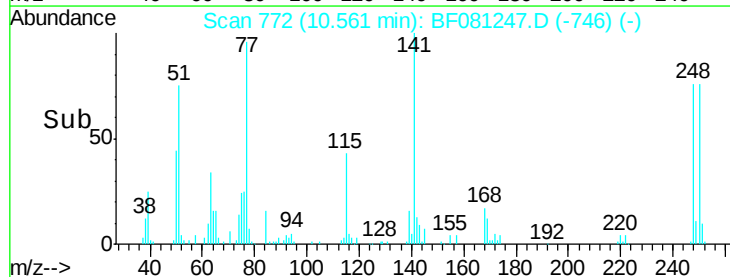
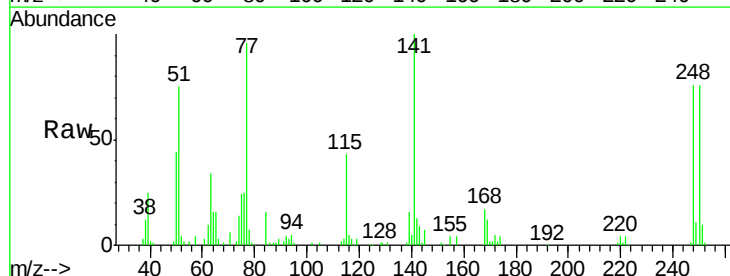
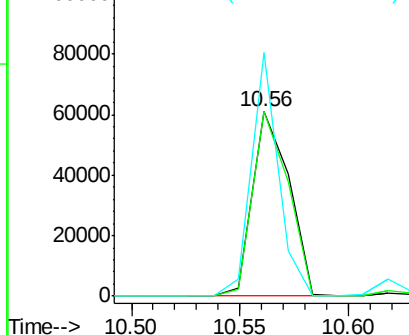
Tgt Ion	Ratio	Resp	Lower	Upper
248	100	71414		
250	100.0	77.8	116.6	
141	131.8	39.8	59.6	

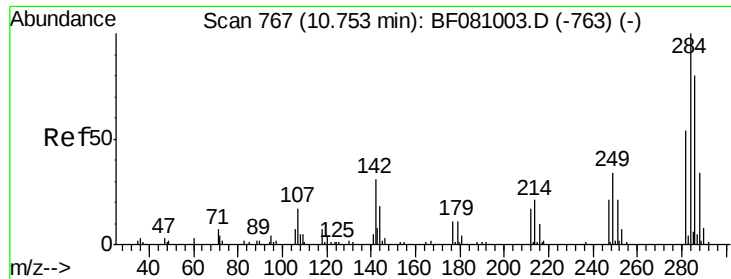
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





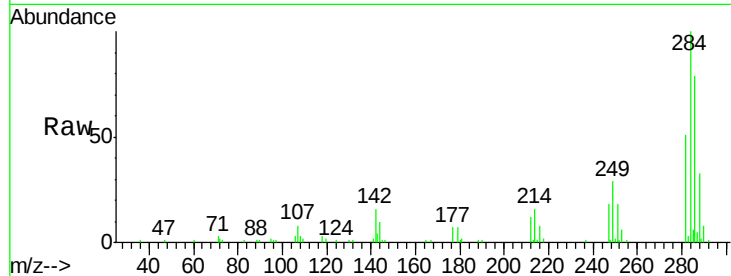
#67
Hexachlorobenzene
Concen: 39.75 ng
RT: 10.63 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

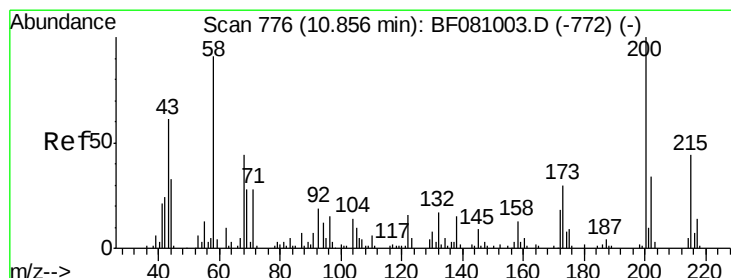
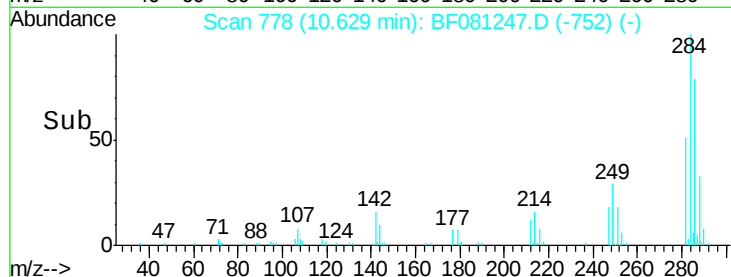
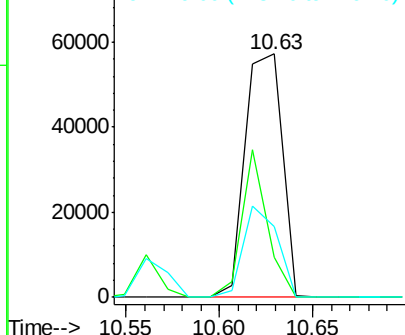
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	79072		
142	16.5	25.4	38.0	
249	28.9	28.5	42.7	

Manual Integrations
APPROVED

MMDadoda
8/28/2015 2:22:43 PM

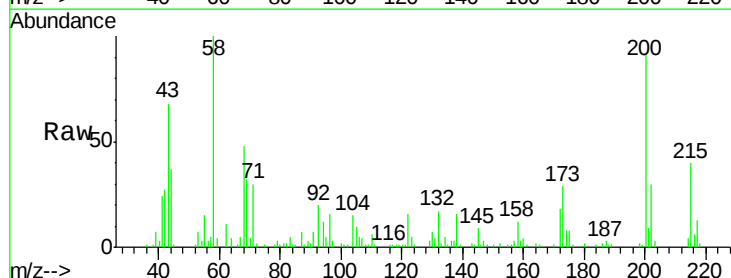


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

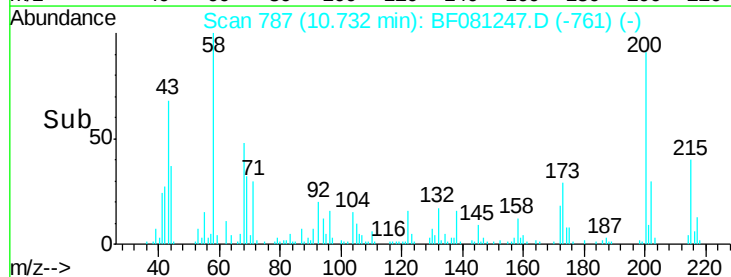
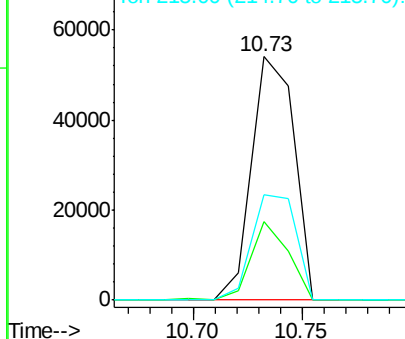


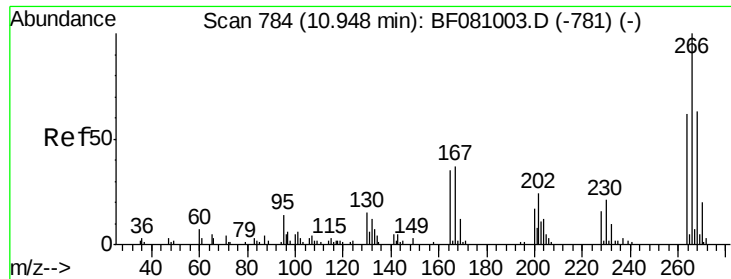
#68
Atrazine
Concen: 37.12 ng
RT: 10.73 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	73820		
173	32.0	8.1	48.1	
215	43.3	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





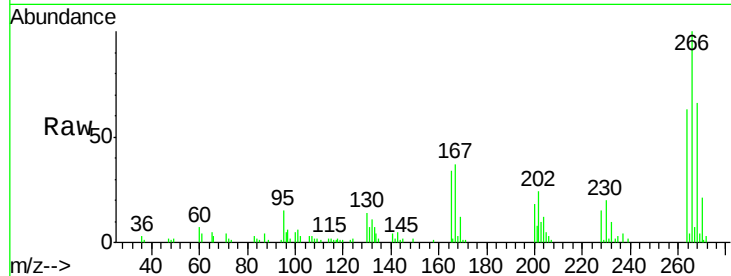
#69
 Pentachlorophenol
 Concen: 37.38 ng
 RT: 10.82 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF081247.D
 Acq: 27 Aug 2015 15:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

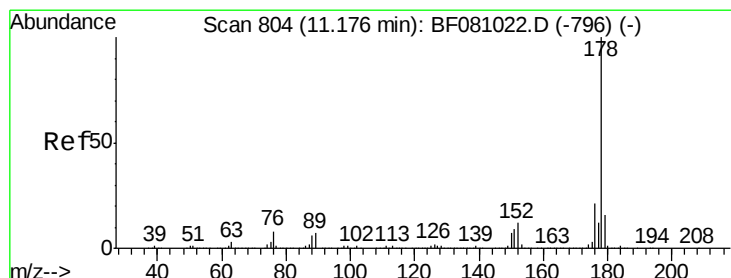
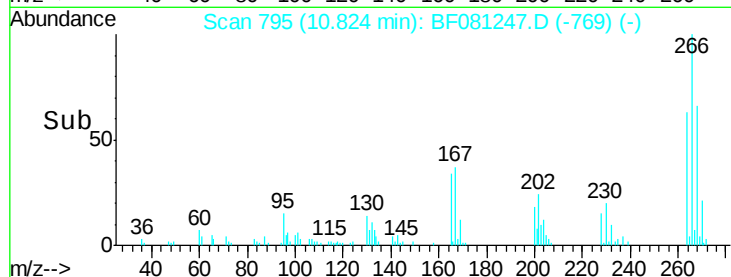
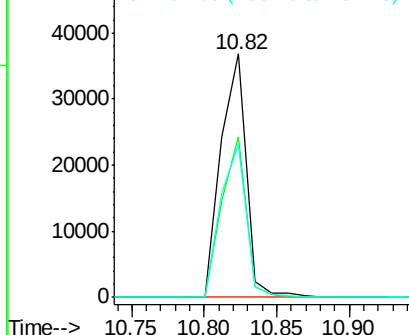
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	44620		
268	65.8	51.2	76.8	
264	62.6	50.6	75.8	

Manual Integrations
 APPROVED

MMDadoda
 8/28/2015 2:22:43 PM

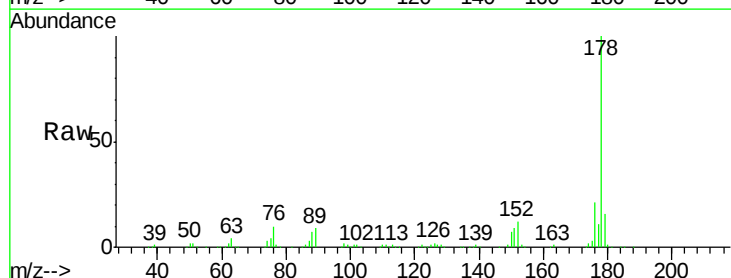


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

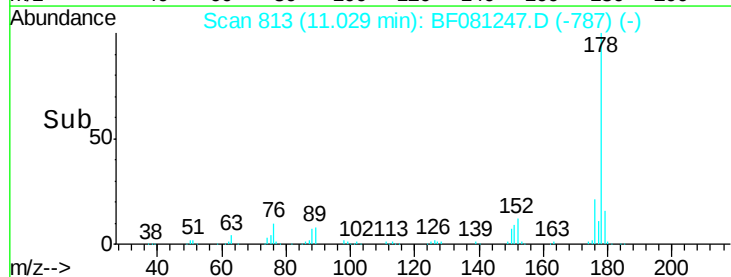
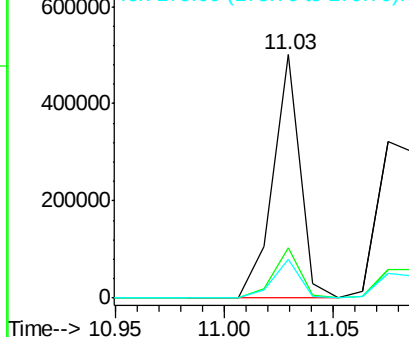


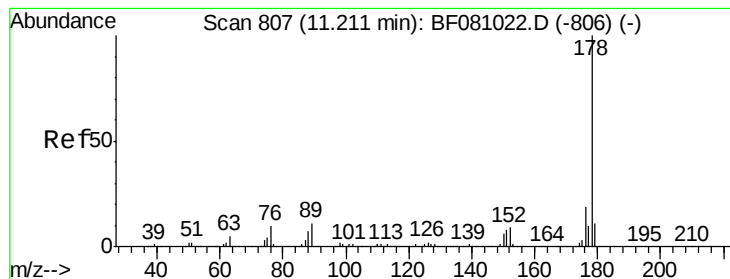
#70
 Phenanthrene
 Concen: 36.95 ng
 RT: 11.03 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF081247.D
 Acq: 27 Aug 2015 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	437883		
176	20.7	15.7	23.5	
179	15.9	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: 38.26 ng

RT: 11.07 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

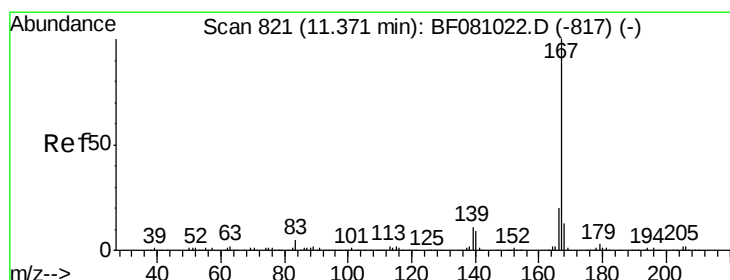
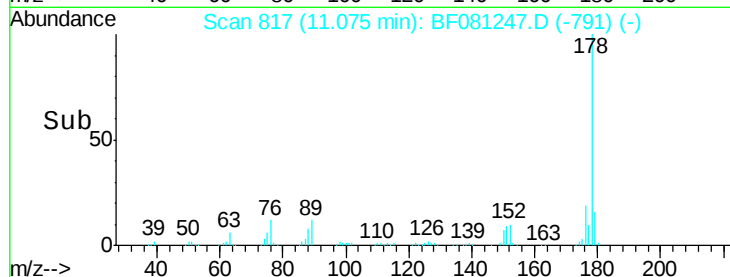
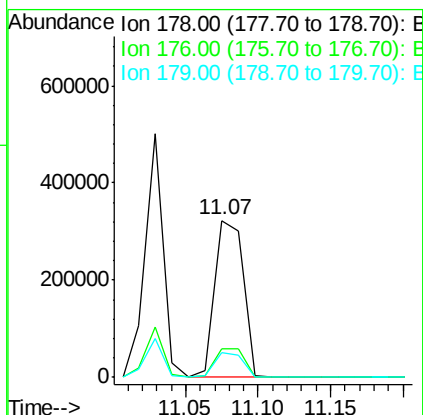
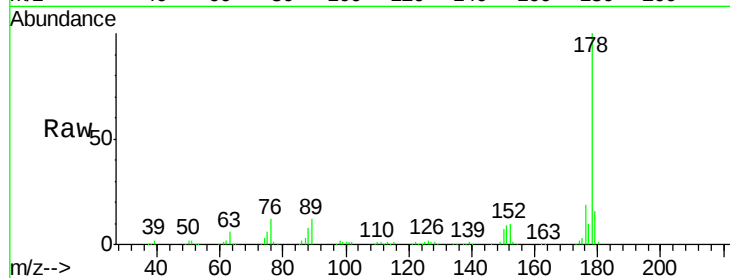
ClientSampleId :

SSTDCCC040

Tgt Ion:	178	Resp:	441122
Ion Ratio	Lower	Upper	
178	100		
176	18.6	15.7	23.5
179	15.6	12.7	19.1

Manual Integrations
APPROVED

MMDadoda
8/28/2015 2:22:43 PM



#72

Carbazole

Concen: 39.66 ng

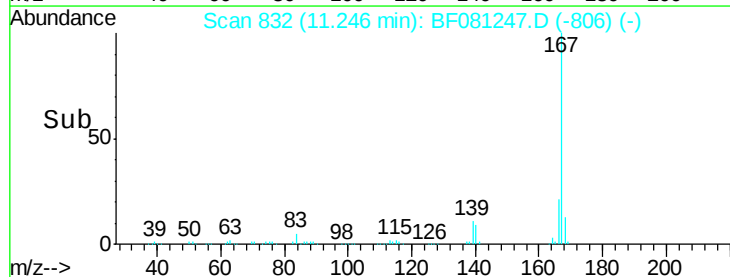
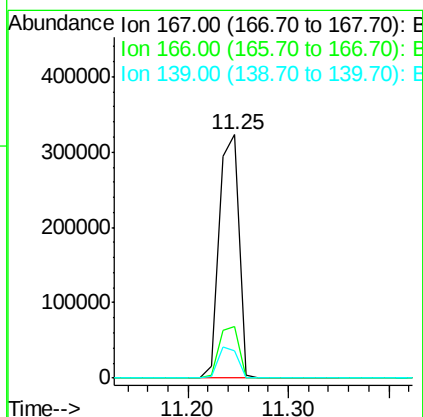
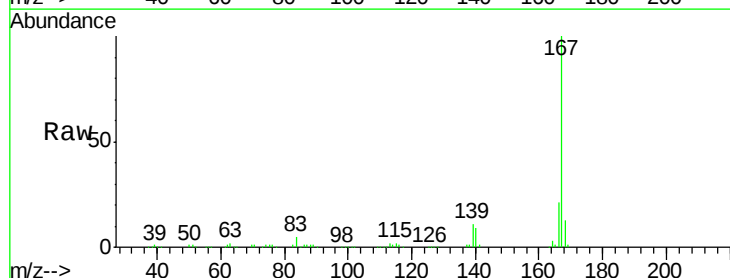
RT: 11.25 min Scan# 832

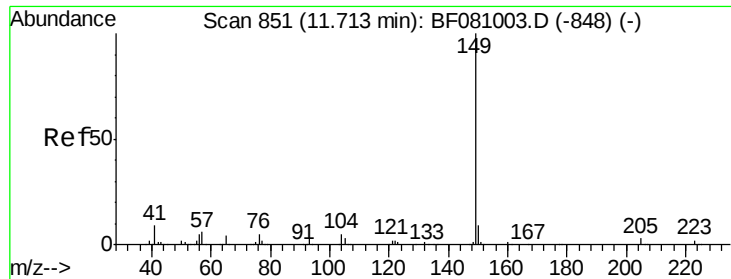
Delta R.T. 0.00 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Tgt Ion:	167	Resp:	440258
Ion Ratio	Lower	Upper	
167	100		
166	21.3	17.4	26.0
139	11.4	10.6	16.0





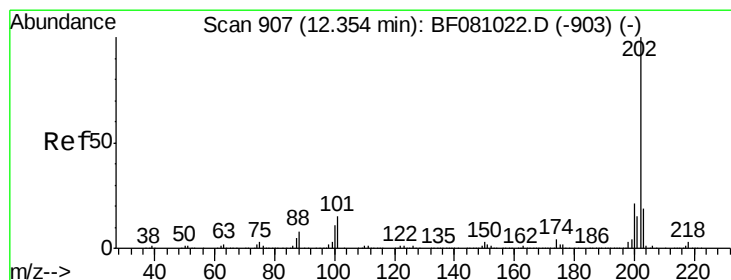
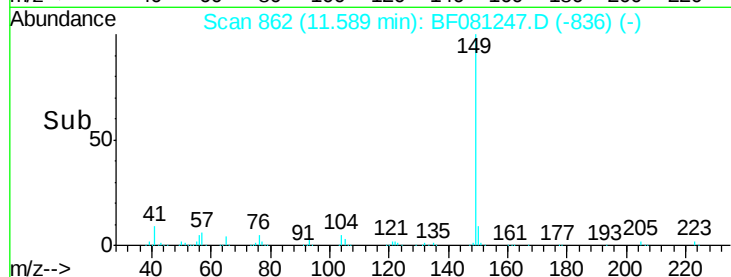
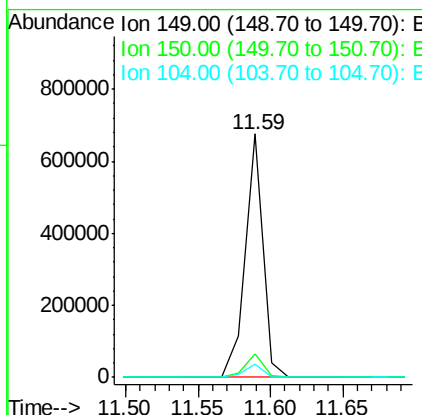
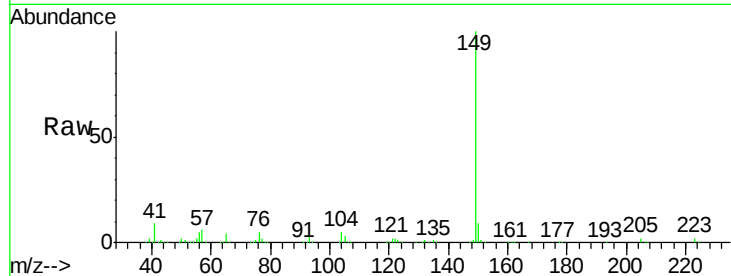
#73
Di-n-butylphthalate
Concen: 42.55 ng
RT: 11.59 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	571555		
150	9.5	7.1	10.7	
104	5.2	3.9	5.9	

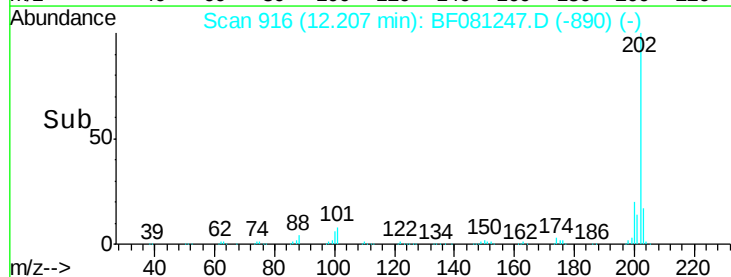
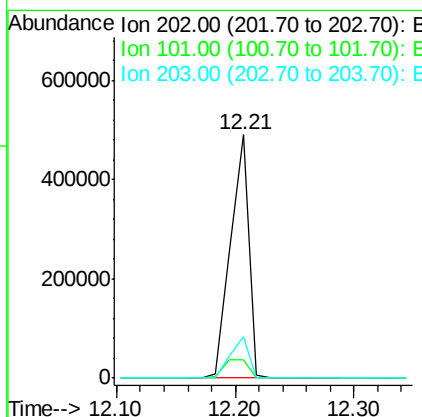
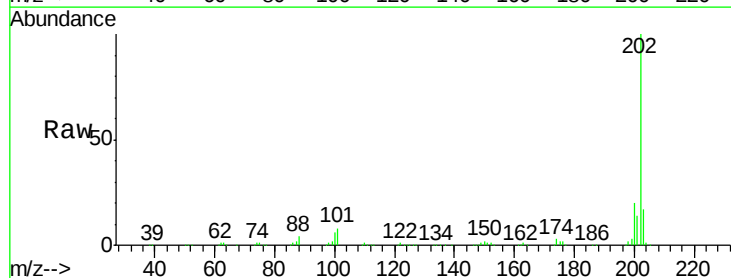
Manual Integrations
APPROVED

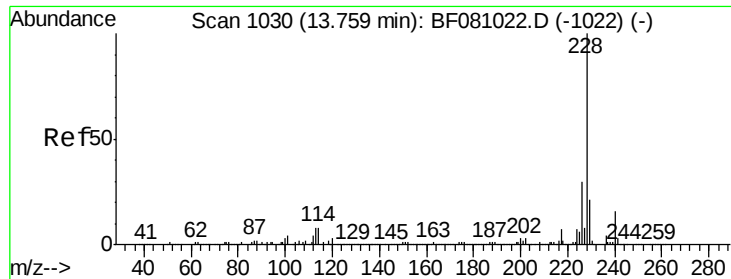
MMDadoda
8/28/2015 2:22:43 PM



#74
Fluoranthene
Concen: 41.03 ng
RT: 12.21 min Scan# 916
Delta R.T. 0.00 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	524645		
101	7.6	0.0	24.8	
203	17.2	0.0	36.9	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.62 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF081247.D

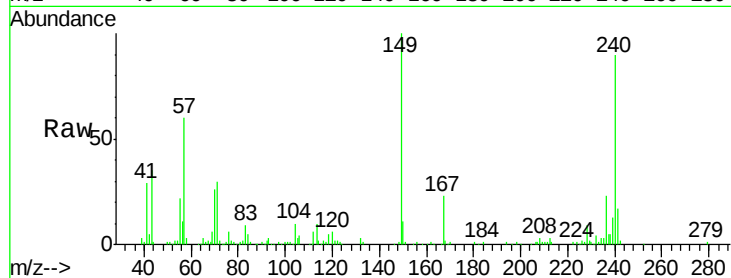
Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:240 Resp: 148085

Ion Ratio Lower Upper

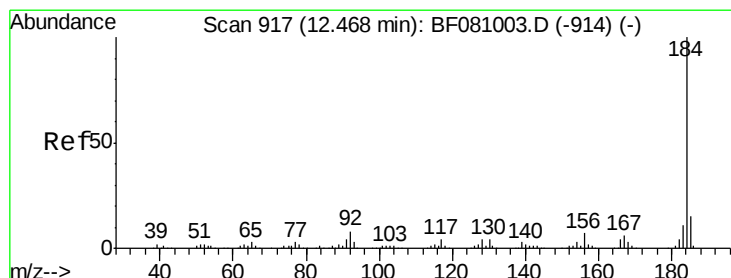
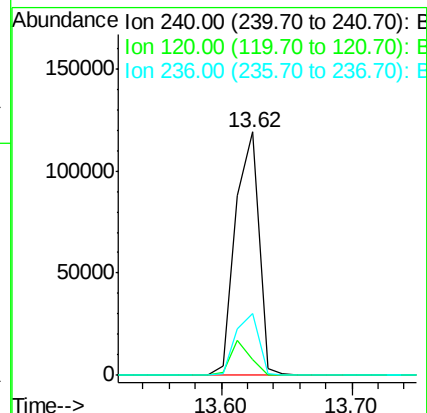
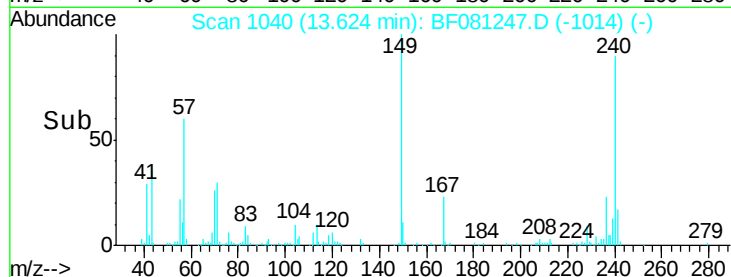
240 100

120 6.2 5.6 8.4

236 25.6 20.6 30.8

Manual Integrations
APPROVED

MMDadoda
8/28/2015 2:22:43 PM



#76

Benzidine

Concen: 34.63 ng

RT: 12.33 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

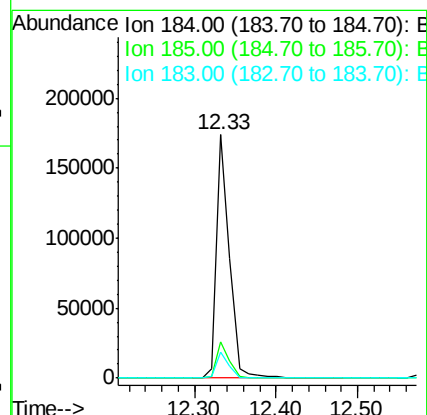
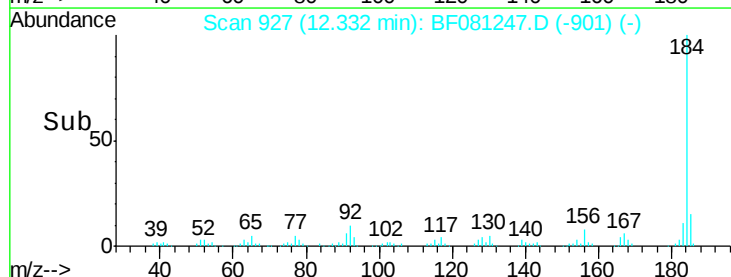
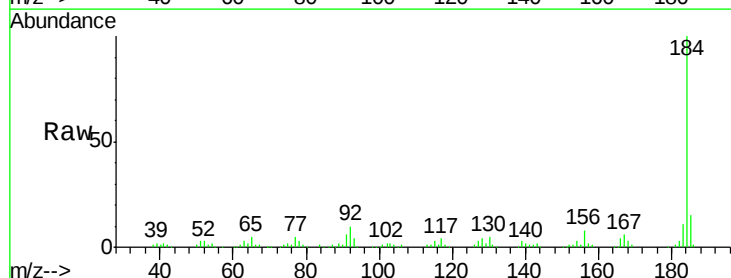
Tgt Ion:184 Resp: 193716

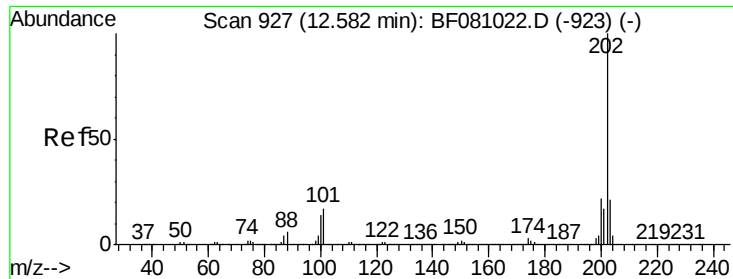
Ion Ratio Lower Upper

184 100

185 15.0 12.0 18.0

183 10.7 8.9 13.3





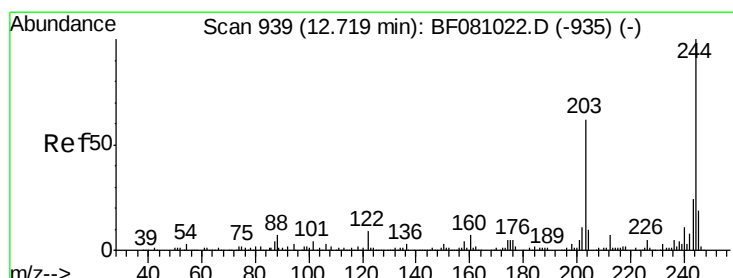
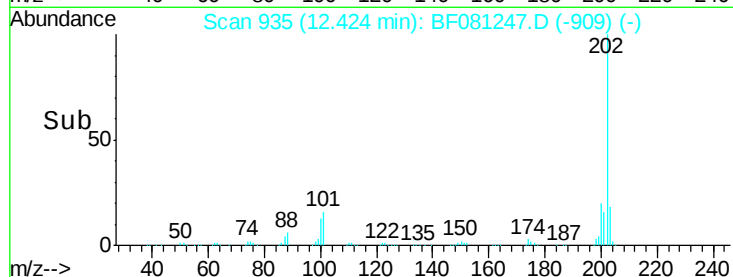
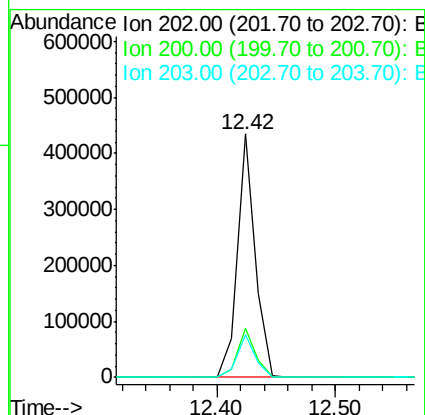
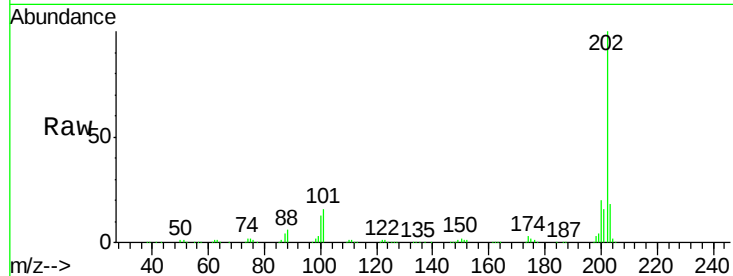
#77
Pyrene
Concen: 37.49 ng
RT: 12.42 min Scan# 935
Delta R.T. 0.00 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	20.3	16.6	24.8
203	17.7	14.1	21.1

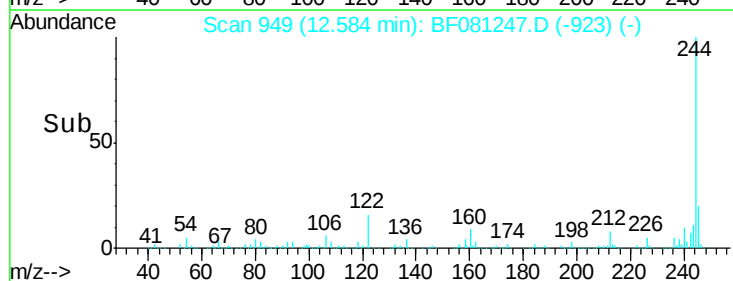
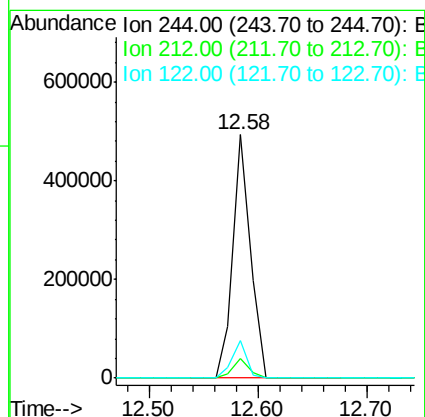
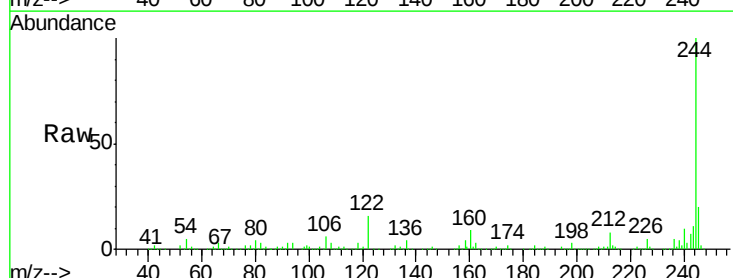
Manual Integrations
APPROVED

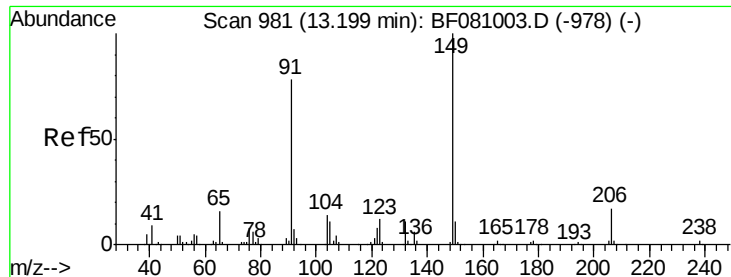
MMDadoda
8/28/2015 2:22:43 PM



#78
Terphenyl-d14
Concen: 79.71 ng
RT: 12.58 min Scan# 949
Delta R.T. 0.00 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.0	5.8	8.8
122	15.6	8.2	12.4#





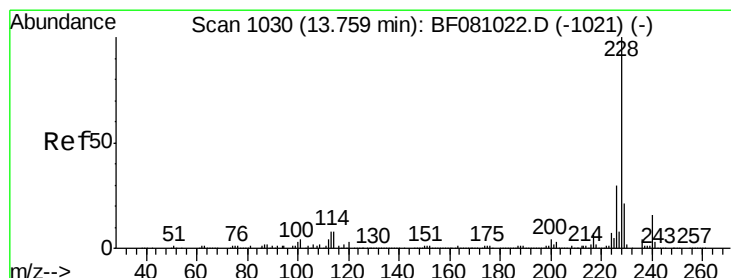
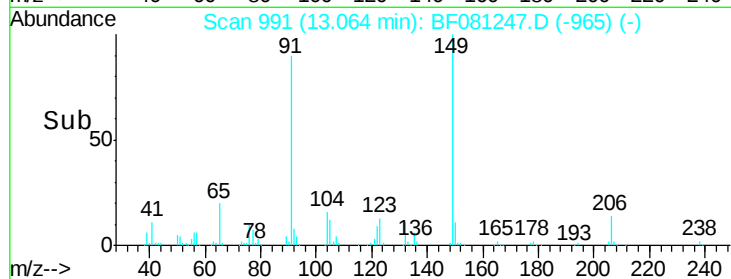
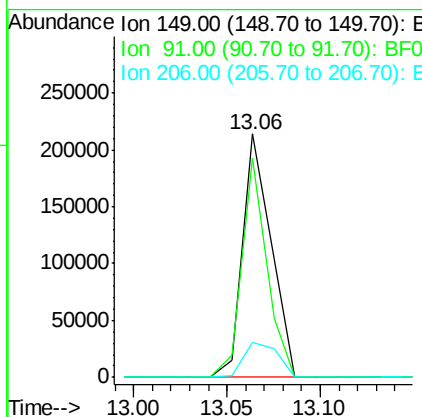
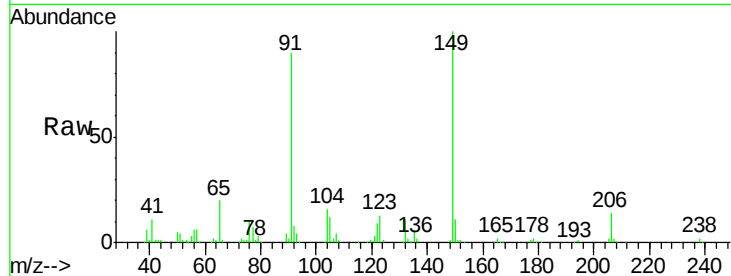
#79
Butylbenzylphthalate
Concen: 44.20 ng
RT: 13.06 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	228730		
91	90.3	46.9	70.3#	
206	14.3	17.0	25.4#	

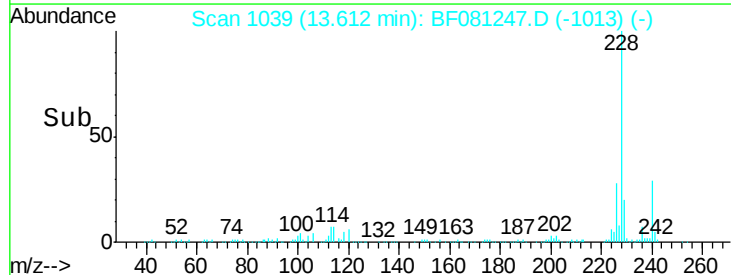
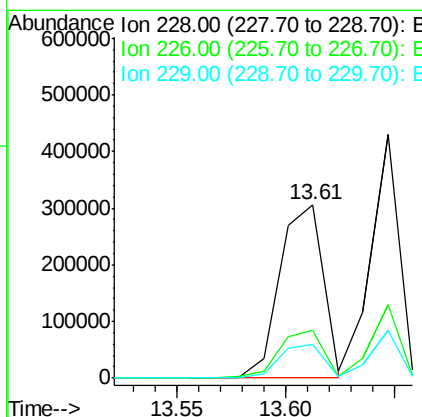
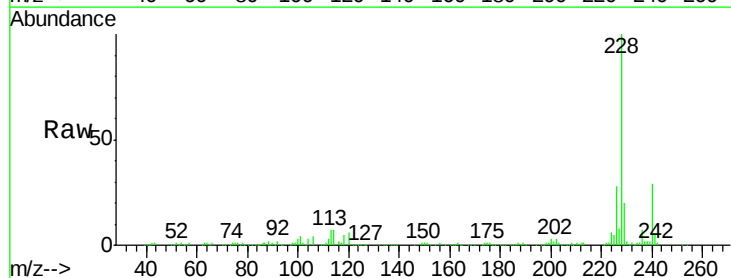
Manual Integrations
APPROVED

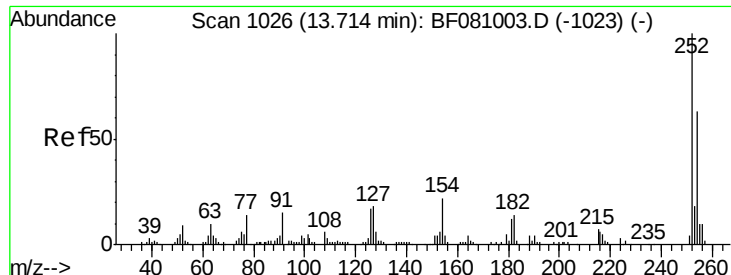
MMDadoda
8/28/2015 2:22:43 PM



#80
Benzo(a)anthracene
Concen: 42.96 ng
RT: 13.61 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	426672		
226	27.5	22.3	33.5	
229	19.8	15.9	23.9	





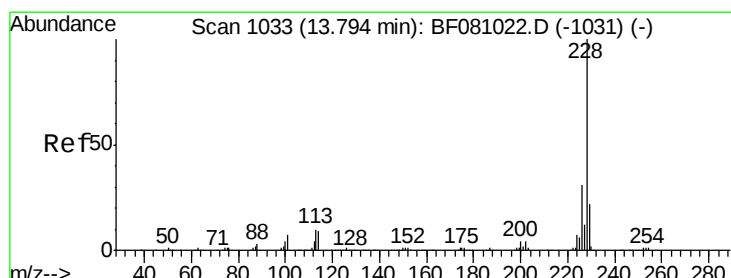
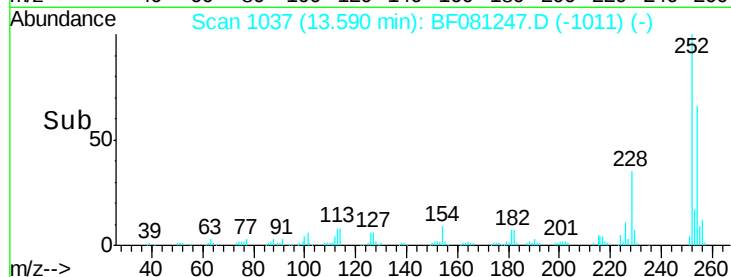
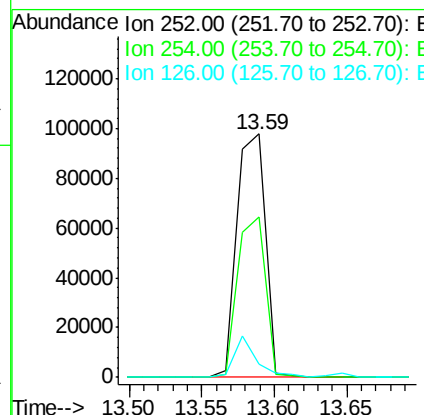
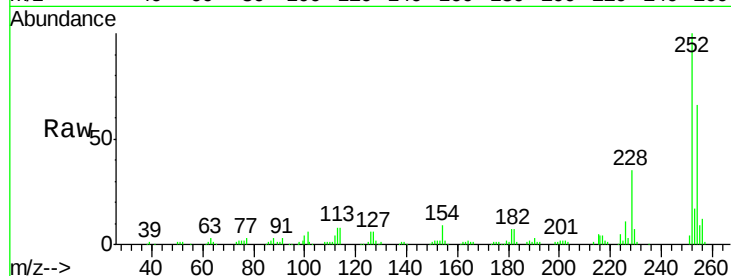
#81
 3,3'-Dichlorobenzidine
 Concen: 41.60 ng
 RT: 13.59 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF081247.D
 Acq: 27 Aug 2015 15:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.8	51.5	77.3
126	5.6	12.5	18.7

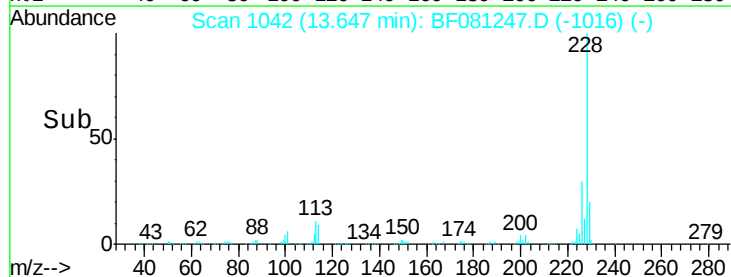
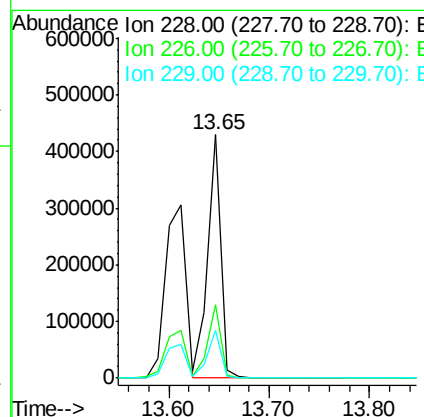
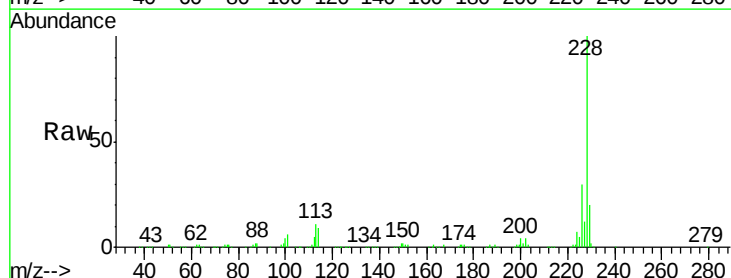
Manual Integrations
 APPROVED

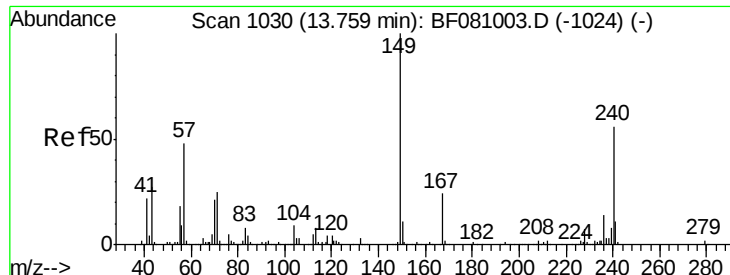
MMDadoda
 8/28/2015 2:22:43 PM



#82
 Chrysene
 Concen: 43.54 ng
 RT: 13.65 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BF081247.D
 Acq: 27 Aug 2015 15:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.1	24.4	36.6
229	19.8	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.66 ng

RT: 13.64 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

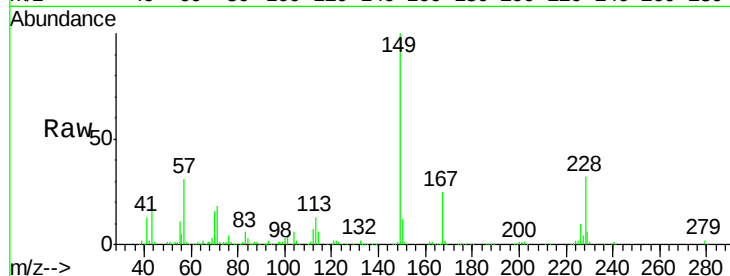
ClientSampleId :

SSTDCCC040

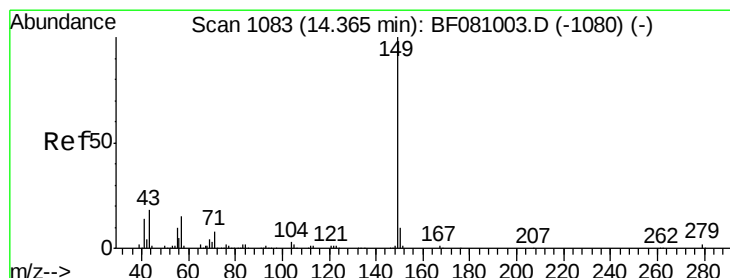
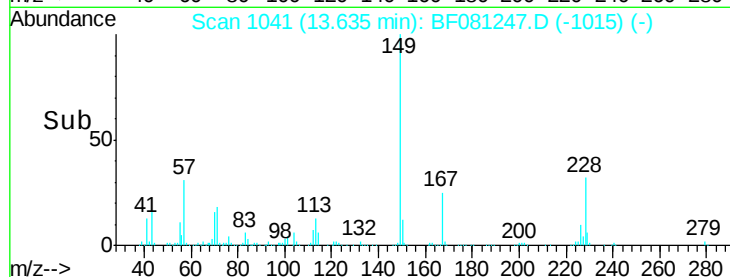
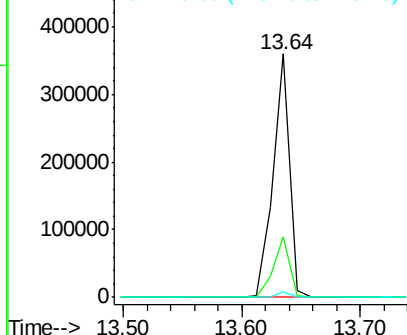
Tgt Ion:	149	Resp:	349008
Ion Ratio	Lower	Upper	
149	100		
167	25.1	20.7	31.1
279	2.5	2.2	3.4

Manual Integrations
APPROVED

MMDadoda
8/28/2015 2:22:43 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: 53.53 ng

RT: 14.24 min Scan# 1094

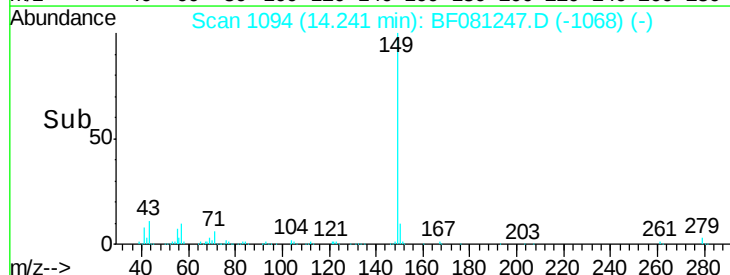
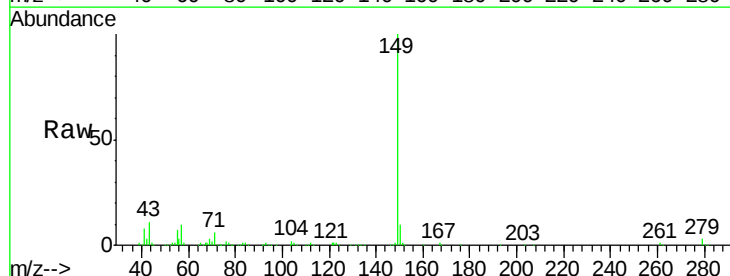
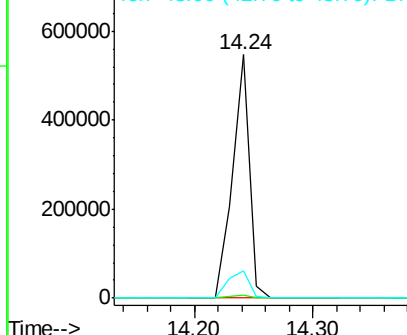
Delta R.T. 0.00 min

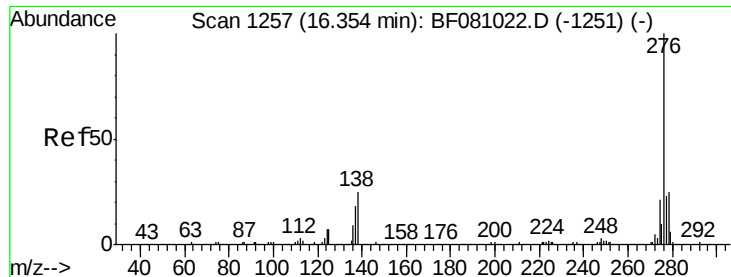
Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

Tgt Ion:	149	Resp:	539269
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.1	1.7
43	14.1	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





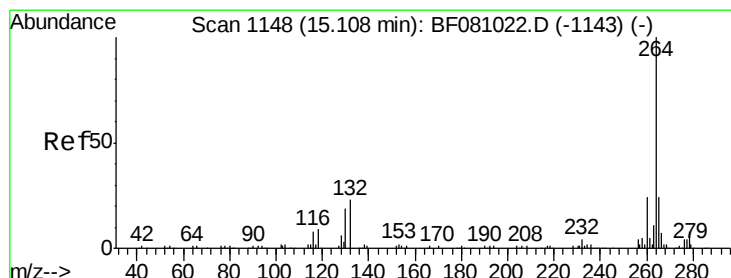
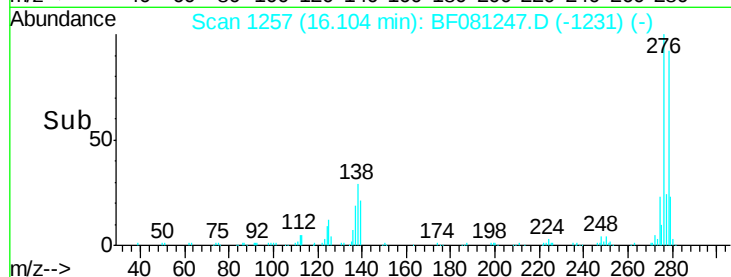
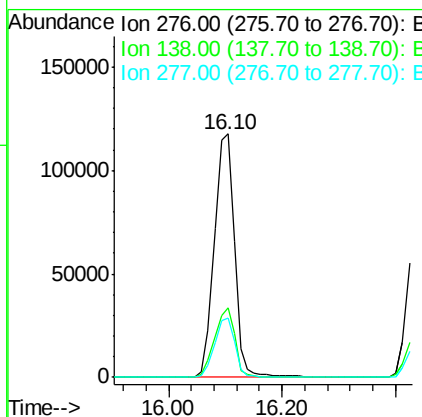
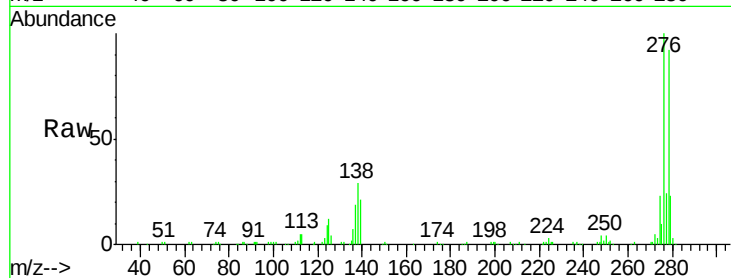
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.21 ng
 RT: 16.10 min Scan# 1257
 Delta R.T. 0.00 min
 Lab File: BF081247.D
 Acq: 27 Aug 2015 15:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	290397		
138	28.6	18.6	28.0#	
277	24.4	19.8	29.8	

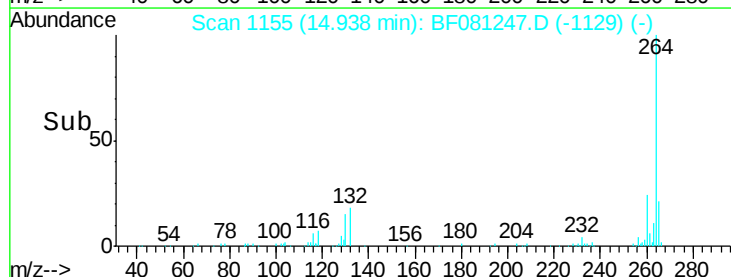
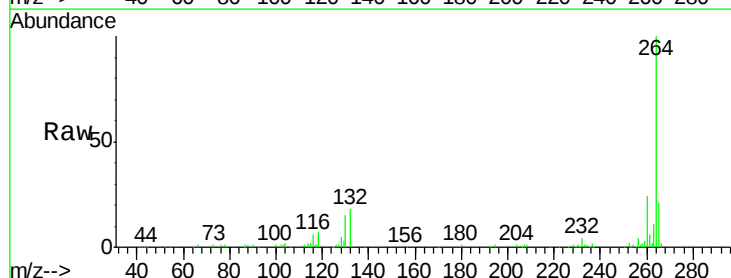
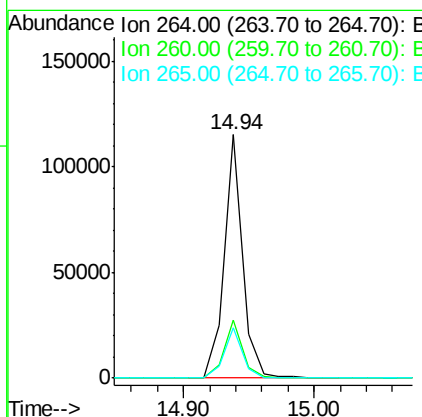
Manual Integrations
 APPROVED

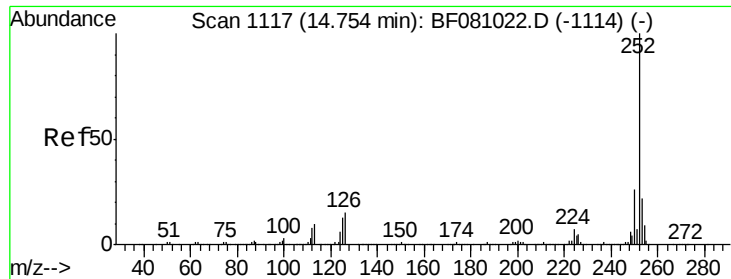
MMDadoda
 8/28/2015 2:22:43 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.94 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BF081247.D
 Acq: 27 Aug 2015 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	113225		
260	23.9	19.6	29.4	
265	20.8	17.5	26.3	





#87

Benzo(b)fluoranthene

Concen: 38.56 ng m

RT: 14.60 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BF081247.D

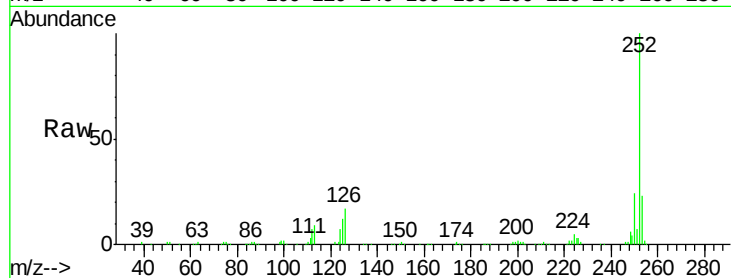
Acq: 27 Aug 2015 15:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 252 Resp: 308841

Ion Ratio Lower Upper

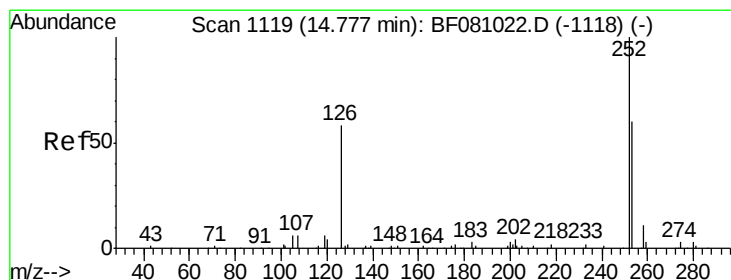
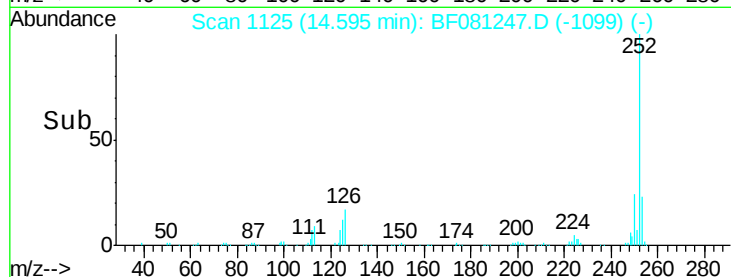
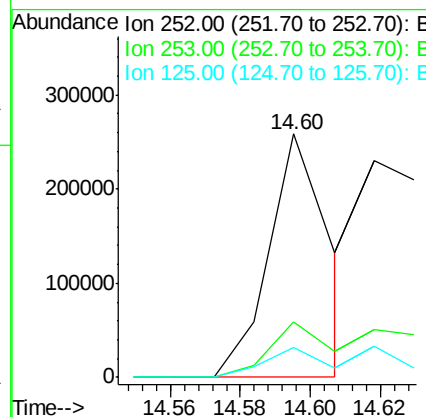
252 100

253 22.6 17.1 25.7

125 12.3 8.0 12.0#

Manual Integrations
APPROVED

MMDadoda
8/28/2015 2:22:43 PM



#88

Benzo(k)fluoranthene

Concen: 41.94 ng m

RT: 14.62 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF081247.D

Acq: 27 Aug 2015 15:15

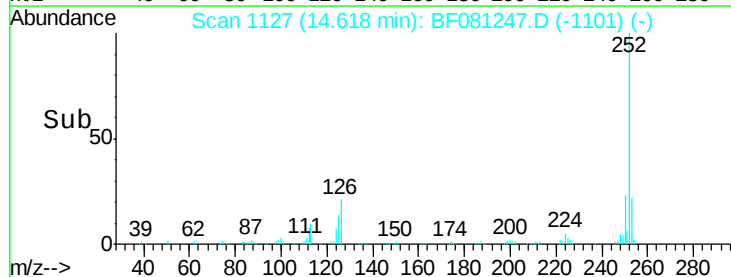
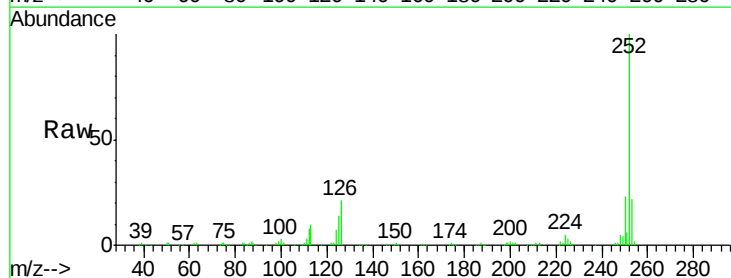
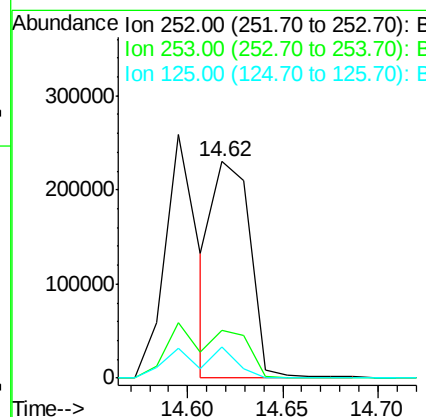
Tgt Ion: 252 Resp: 312979

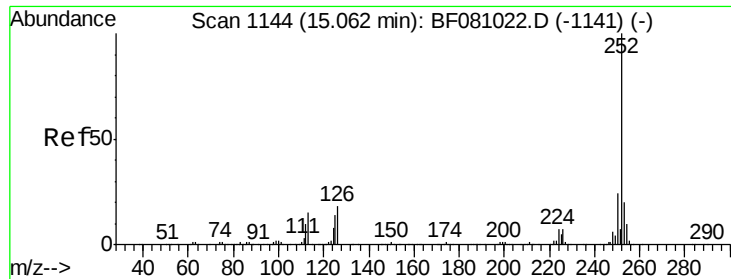
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 14.4 10.3 15.5





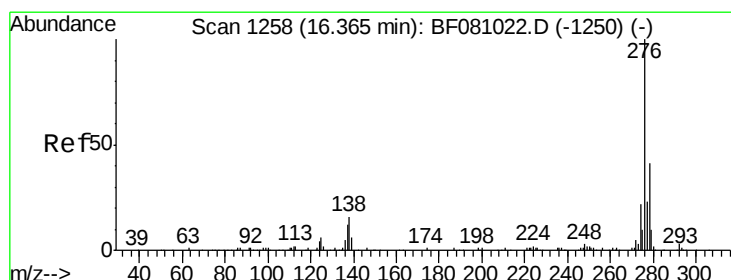
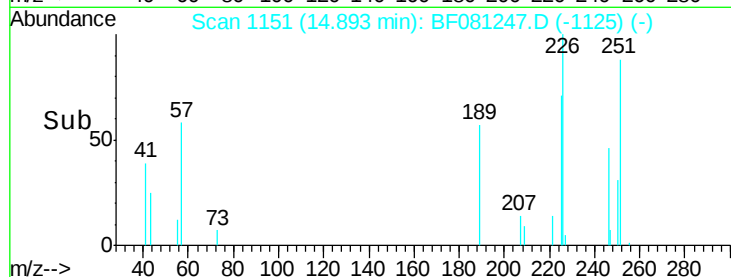
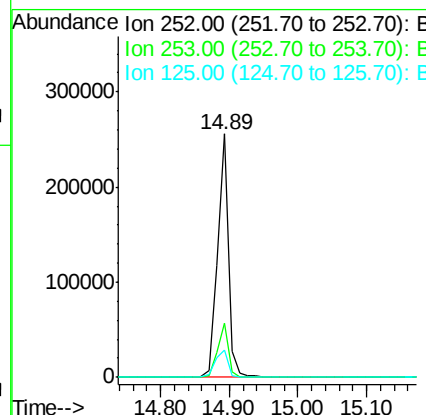
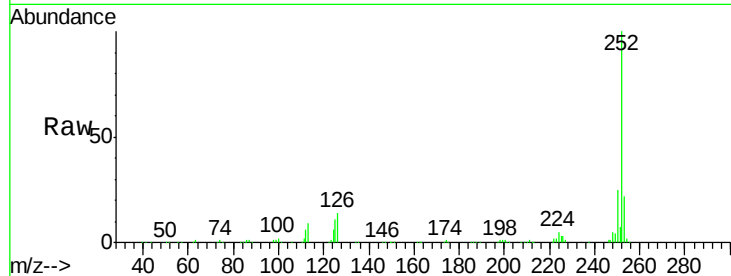
#89
Benzo(a)pyrene
Concen: 41.53 ng
RT: 14.89 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	289791		
253	22.2	16.6	25.0	
125	11.0	7.8	11.8	

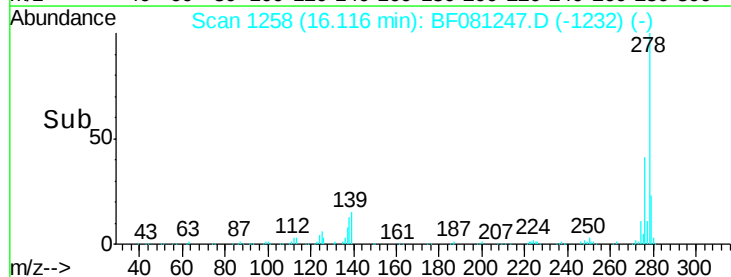
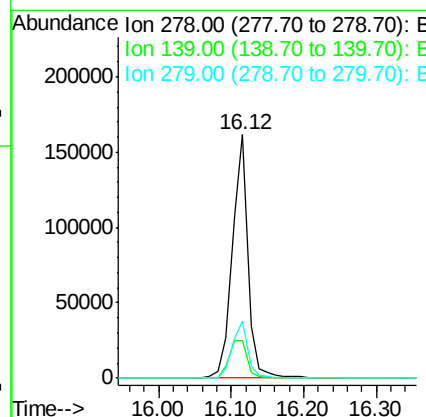
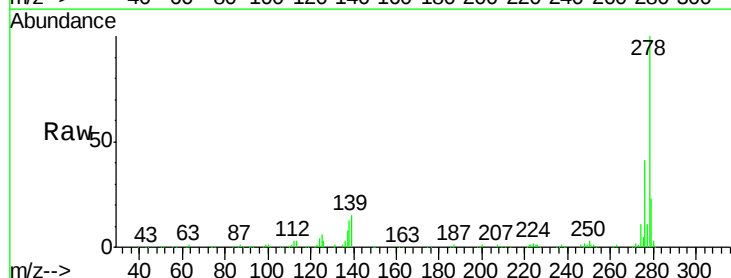
Manual Integrations
APPROVED

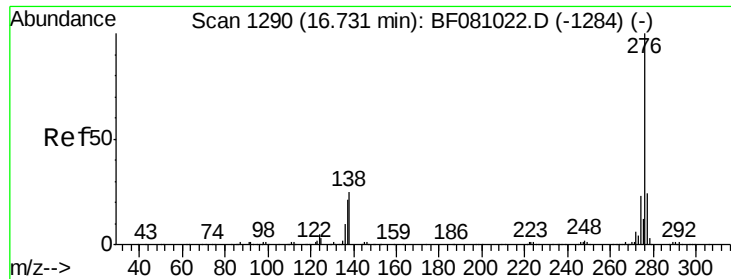
MMDadoda
8/28/2015 2:22:43 PM



#90
Dibenzo(a,h)anthracene
Concen: 44.52 ng
RT: 16.12 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BF081247.D
Acq: 27 Aug 2015 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	242071		
139	15.3	10.8	16.2	
279	23.3	19.0	28.6	





#91
 Benzo(g,h,i)perylene
 Concen: 43.13 ng
 RT: 16.45 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: BF081247.D
 Acq: 27 Aug 2015 15:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.2	27.2
138	21.7	13.7	20.5

Manual Integrations
 APPROVED

MMDadoda
 8/28/2015 2:22:43 PM

