

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
 Data File : BF081523.D
 Acq On : 8 Sep 2015 15:31
 Operator : UM/IZ
 Sample : PB85437BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85437BSD

Manual Integrations
 APPROVED

MMDadoda
 9/9/2015 2:57:41 PM

Quant Time: Sep 09 00:27:08 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 08 23:43:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.34	152	47990	20.00	ng	0.00
21) Naphthalene-d8	7.63	136	184424	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	93015	20.00	ng	0.00
63) Phenanthrene-d10	10.84	188	194870	20.00	ng	0.00
75) Chrysene-d12	13.45	240	161303	20.00	ng	0.00
86) Perylene-d12	14.75	264	99166	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.90	112	224321	72.52	ng	0.02
7) Phenol-d6	6.02	99	322342	78.73	ng	0.00
23) Nitrobenzene-d5	6.92	82	266755	69.79	ng	0.00
41) 2,4,6-Tribromophenol	10.16	330	57001	68.82	ng	0.00
44) 2-Fluorobiphenyl	8.72	172	469502	64.68	ng	0.00
78) Terphenyl-d14	12.42	244	441832	63.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.75	88	40841	29.40	ng	# 79
3) Pyridine	2.27	79	130065	33.95	ng	# 75
4) n-Nitrosodimethylamine	2.24	42	80539	37.85	ng	# 67
6) Aniline	6.01	93	139648	24.15	ng	# 81
8) 2-Chlorophenol	6.14	128	123770	36.31	ng	# 96
9) Benzaldehyde	5.88	77	71472	27.86	ng	# 83
10) Phenol	6.03	94	191331	40.30	ng	# 60
11) bis(2-Chloroethyl)ether	6.10	93	133692	39.03	ng	# 94
12) 1,3-Dichlorobenzene	6.28	146	131451	36.10	ng	# 93
13) 1,4-Dichlorobenzene	6.36	146	137194	37.00	ng	# 89
14) 1,2-Dichlorobenzene	6.51	146	115236m	34.52	ng	#
15) Benzyl Alcohol	6.51	79	119243	35.50	ng	# 71
16) 2,2'-oxybis(1-Chloropropan	6.65	45	260406	39.66	ng	# 12
17) 2-Methylphenol	6.65	107	103731	38.14	ng	# 76
18) Hexachloroethane	6.86	117	52370	36.30	ng	# 90
19) n-Nitroso-di-n-propylamine	6.79	70	95811	34.38	ng	# 89
20) 3+4-Methylphenols	6.81	107	138815	37.86	ng	# 88
22) Acetophenone	6.78	105	185706	36.87	ng	# 76
24) Nitrobenzene	6.95	77	160524	40.44	ng	# 68
25) Isophorone	7.19	82	260838	36.69	ng	# 82
26) 2-Nitrophenol	7.27	139	66307	38.32	ng	# 55
27) 2,4-Dimethylphenol	7.34	122	107540	35.99	ng	# 85
28) bis(2-Chloroethoxy)methane	7.42	93	150931	36.75	ng	# 90
29) 2,4-Dichlorophenol	7.52	162	99680	38.47	ng	# 98
30) 1,2,4-Trichlorobenzene	7.59	180	108272	38.46	ng	# 98
31) Naphthalene	7.66	128	346523	35.23	ng	# 98
32) Benzoic acid	7.47	122	47354	23.56	ng	# 61
33) 4-Chloroaniline	7.72	127	76603	19.09	ng	# 83
34) Hexachlorobutadiene	7.78	225	63762	37.22	ng	# 97
35) Caprolactam	8.10	113	31024m	39.04	ng	#
36) 4-Chloro-3-methylphenol	8.24	107	121036	41.73	ng	# 84
37) 2-Methylnaphthalene	8.35	142	256520	40.08	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	8.51	216	95779	32.56	ng	# 98
40) Hexachlorocyclopentadiene	8.50	237	99678	69.05	ng	# 95

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
 Data File : BF081523.D
 Acq On : 8 Sep 2015 15:31
 Operator : UM/IZ
 Sample : PB85437BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85437BSD

Manual Integrations
 APPROVED

MMDadoda
 9/9/2015 2:57:41 PM

Quant Time: Sep 09 00:27:08 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 08 23:43:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.64	196	68553	33.77	ng	99
43) 2,4,5-Trichlorophenol	8.68	196	78765	38.03	ng #	91
45) 1,1'-Biphenyl	8.82	154	277132	32.38	ng	95
46) 2-Chloronaphthalene	8.83	162	225538	36.50	ng #	91
47) 2-Nitroaniline	8.95	65	93294	37.04	ng #	78
48) Acenaphthylene	9.23	152	358521	32.70	ng	97
49) Dimethylphthalate	9.13	163	251166	34.75	ng #	97
50) 2,6-Dinitrotoluene	9.19	165	50005	30.49	ng #	5
51) Acenaphthene	9.42	154	213329	34.20	ng	92
52) 3-Nitroaniline	9.35	138	37941	20.32	ng #	29
53) 2,4-Dinitrophenol	9.47	184	50935	73.73	ng #	76
54) Dibenzofuran	9.59	168	322447	35.41	ng	92
55) 4-Nitrophenol	9.55	139	92595	78.93	ng #	33
56) 2,4-Dinitrotoluene	9.59	165	69087	33.08	ng #	18
57) Fluorene	9.92	166	247933	35.87	ng	97
58) 2,3,4,6-Tetrachlorophenol	9.71	232	66142	41.83	ng	96
59) Diethylphthalate	9.83	149	281436	37.02	ng	96
60) 4-Chlorophenyl-phenylether	9.93	204	118387	36.75	ng	92
61) 4-Nitroaniline	9.96	138	65833	34.90	ng #	29
62) Azobenzene	10.08	77	312195	36.94	ng	81
64) 4,6-Dinitro-2-methylphenol	10.00	198	36962	33.91	ng	84
65) n-Nitrosodiphenylamine	10.04	169	215227	30.35	ng	91
66) 4-Bromophenyl-phenylether	10.41	248	71857	36.47	ng #	85
67) Hexachlorobenzene	10.47	284	69619	33.79	ng #	75
68) Atrazine	10.58	200	67718	33.00	ng	81
69) Pentachlorophenol	10.66	266	66274	67.60	ng	99
70) Phenanthrene	10.87	178	401398	37.05	ng	96
71) Anthracene	10.91	178	356799	32.06	ng	98
72) Carbazole	11.08	167	390125	37.35	ng	97
73) Di-n-butylphthalate	11.44	149	489127	39.66	ng #	99
74) Fluoranthene	12.03	202	387303	33.02	ng	92
76) Benzidine	12.18	184	199645	28.83	ng	97
77) Pyrene	12.26	202	456804	38.23	ng	98
79) Butylbenzylphthalate	12.91	149	194243	37.38	ng	93
80) Benzo(a)anthracene	13.44	228	354146	34.48	ng	98
81) 3,3'-Dichlorobenzidine	13.42	252	56378	16.27	ng #	96
82) Chrysene	13.47	228	262537	28.51	ng	94
83) Bis(2-ethylhexyl)phthalate	13.47	149	228030	33.25	ng #	89
84) Di-n-octyl phthalate	14.08	149	339048	30.03	ng #	94
85) Indeno(1,2,3-cd)pyrene	15.83	276	207204	30.67	ng #	85
87) Benzo(b)fluoranthene	14.43	252	307041m	43.37	ng	
88) Benzo(k)fluoranthene	14.46	252	214865m	36.58	ng	
89) Benzo(a)pyrene	14.71	252	219091	36.52	ng #	86
90) Dibenzo(a,h)anthracene	15.84	278	174903	37.73	ng #	78
91) Benzo(g,h,i)perylene	16.14	276	173246	39.16	ng #	76

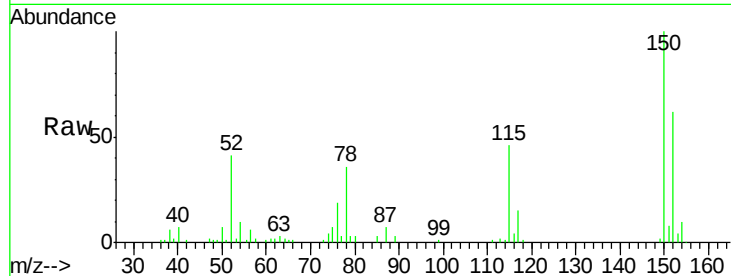
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.34 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

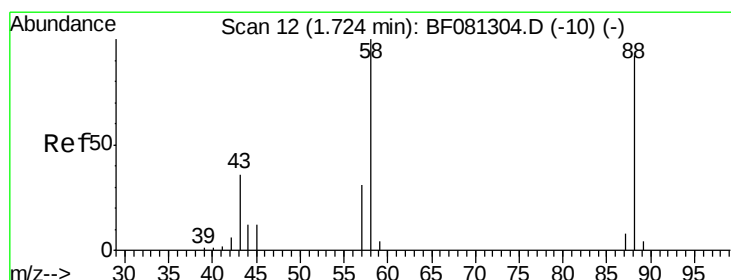
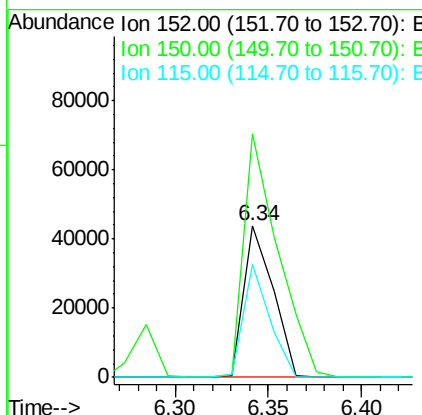
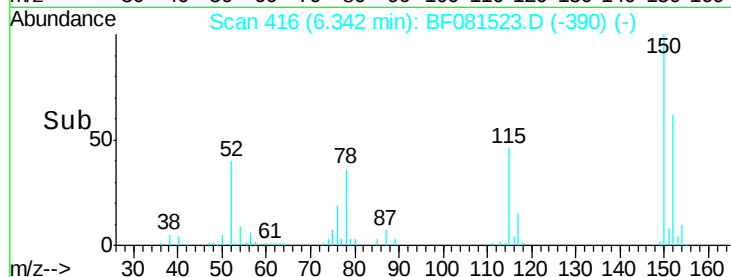
Instrument :
BNA_F
ClientSampleId :
PB85437BSD



Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.4	124.7	187.1
115	74.6	39.0	58.4#

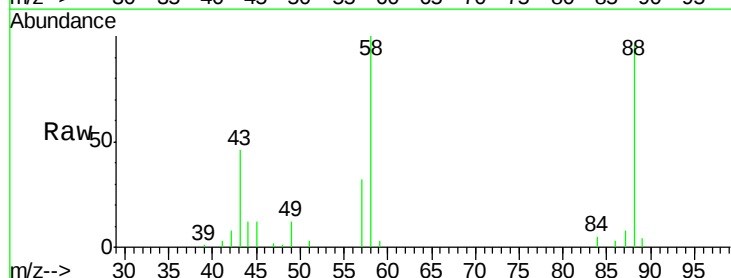
Manual Integrations
APPROVED

MMDadoda
9/9/2015 2:57:41 PM

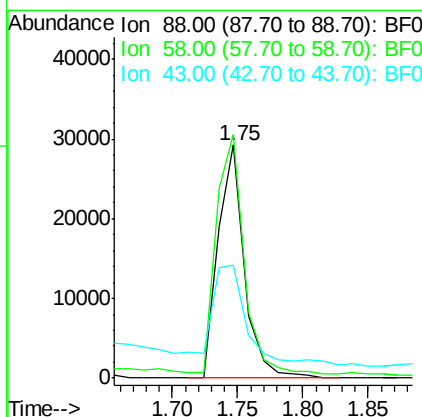
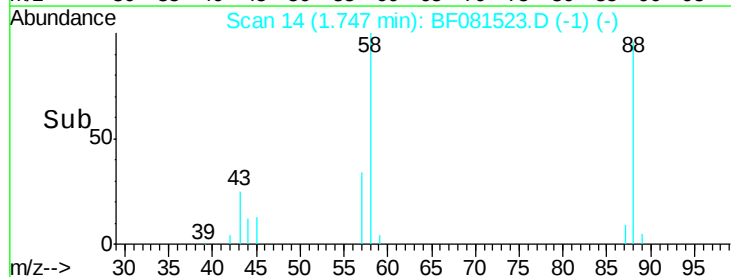


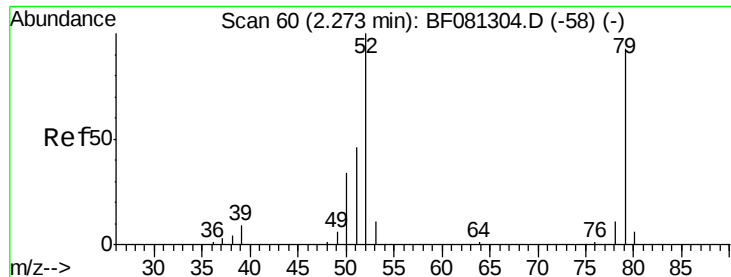
#2

1,4-Dioxane
Concen: 29.40 ng
RT: 1.75 min Scan# 14
Delta R.T. 0.10 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31



Tgt Ion	Ratio	Lower	Upper
88	100		
58	107.4	77.7	116.5
43	63.2	26.6	40.0#





#3

Pyridine

Concen: 33.95 ng

RT: 2.27 min Scan# 60

Delta R.T. 0.08 min

Lab File: BF081523.D

Acq: 8 Sep 2015 15:31

Instrument :

BNA_F

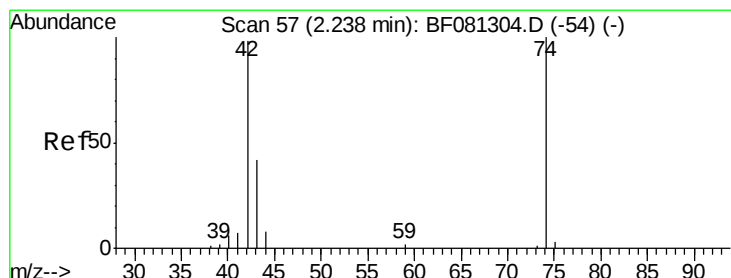
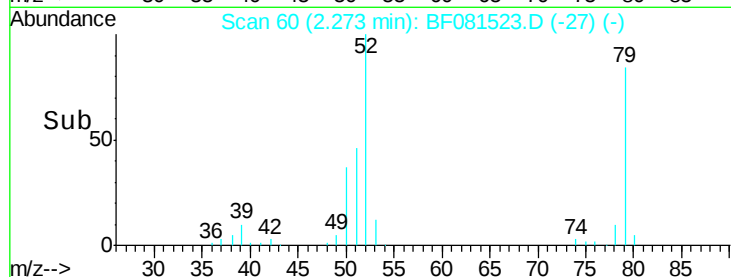
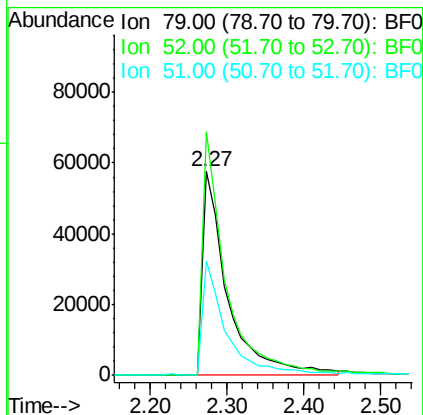
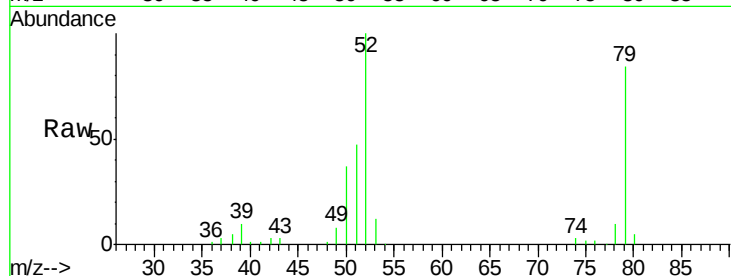
ClientSampleId :

PB85437BSD

Tgt Ion:	79	Resp:	130065
Ion Ratio	Lower	Upper	
79	100		
52	119.7	76.8	115.2#
51	56.2	32.2	48.4#

Manual Integrations
APPROVED

MMDadoda
9/9/2015 2:57:41 PM



#4

n-Nitrosodimethylamine

Concen: 37.85 ng

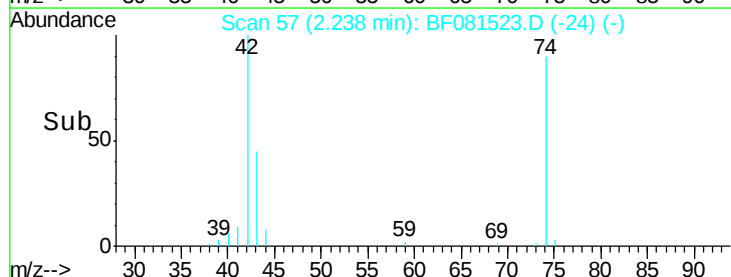
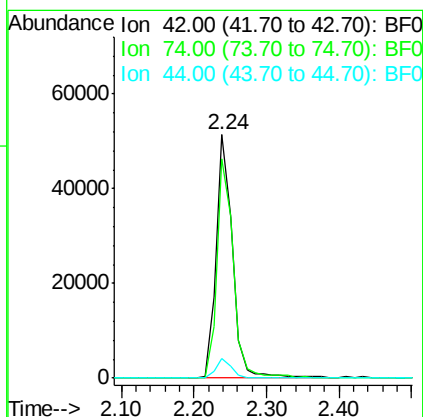
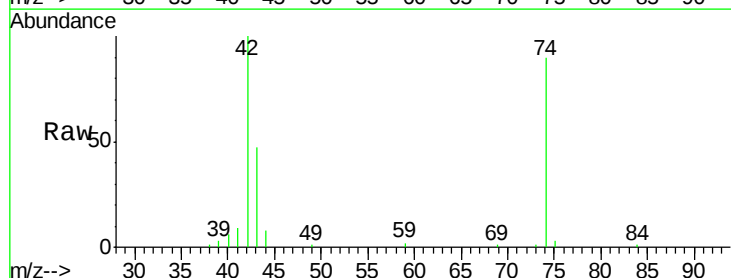
RT: 2.24 min Scan# 57

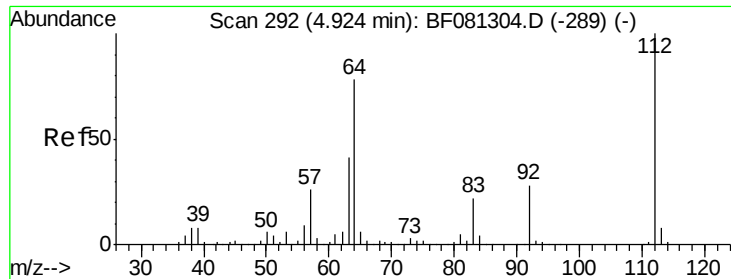
Delta R.T. 0.08 min

Lab File: BF081523.D

Acq: 8 Sep 2015 15:31

Tgt Ion:	42	Resp:	80539
Ion Ratio	Lower	Upper	
42	100		
74	90.1	105.0	157.6#
44	8.1	6.6	10.0





#5

2-Fluorophenol

Concen: 72.52 ng

RT: 4.90 min Scan# 290

Delta R.T. 0.02 min

Lab File: BF081523.D

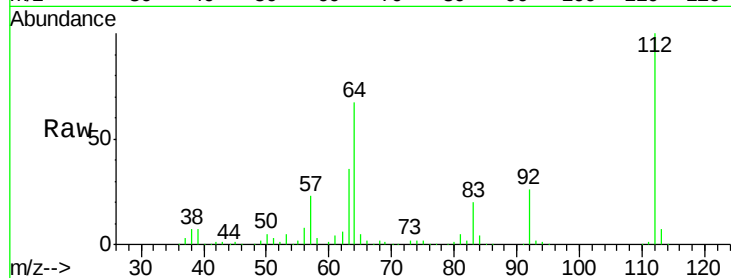
Acq: 8 Sep 2015 15:31

Instrument :

BNA_F

ClientSampleId :

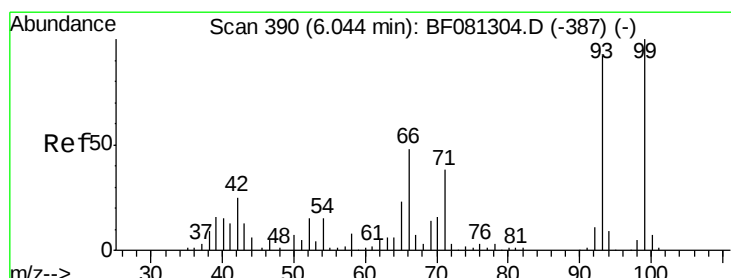
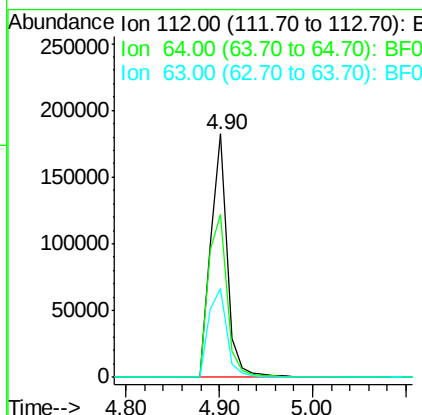
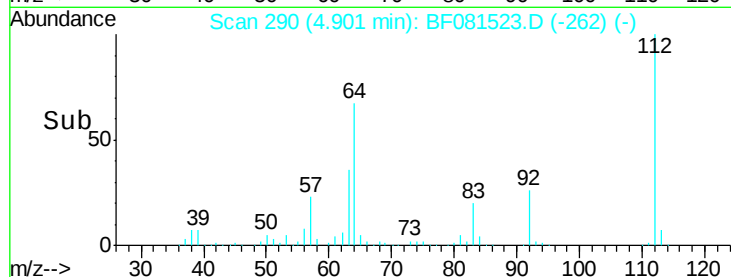
PB85437BSD



Tgt Ion:	112	Resp:	224321
Ion Ratio	Lower	Upper	
112	100		
64	67.0	39.7	59.5#
63	36.4	17.4	26.0#

Manual Integrations
APPROVED

MMDadoda
9/9/2015 2:57:41 PM



#6

Aniline

Concen: 24.15 ng

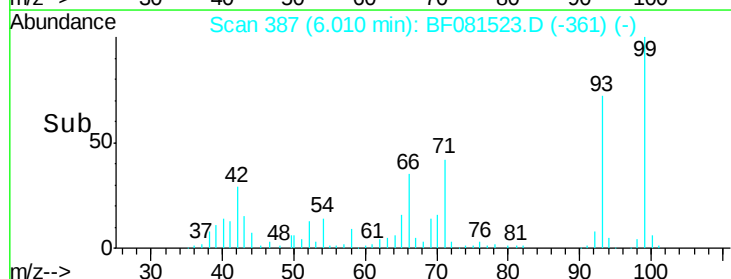
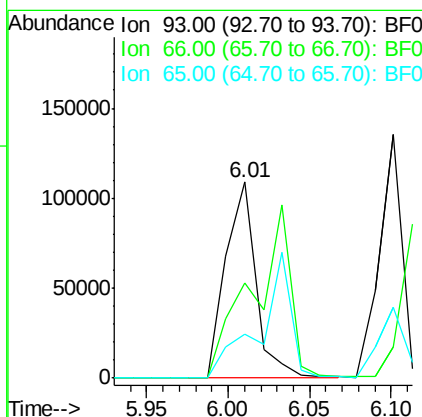
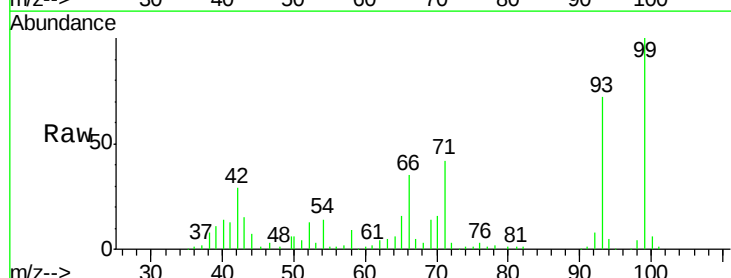
RT: 6.01 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF081523.D

Acq: 8 Sep 2015 15:31

Tgt Ion:	93	Resp:	139648
Ion Ratio	Lower	Upper	
93	100		
66	48.3	27.2	40.8#
65	22.5	14.7	22.1#





#7

Phenol-d6

Concen: 78.73 ng

RT: 6.02 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081523.D

Acq: 8 Sep 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB85437BSD

Tgt Ion: 99 Resp: 322342
Ion Ratio Lower Upper

99 100

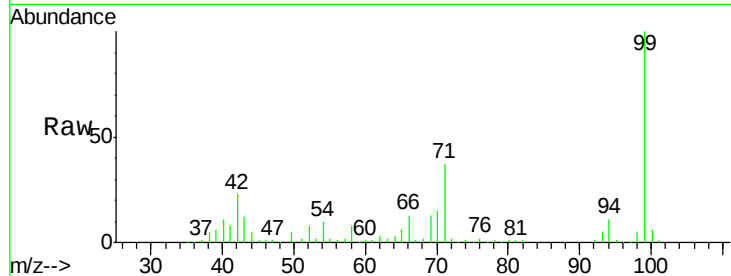
42 22.6 13.7 20.5#

71 37.2 14.2 21.2#

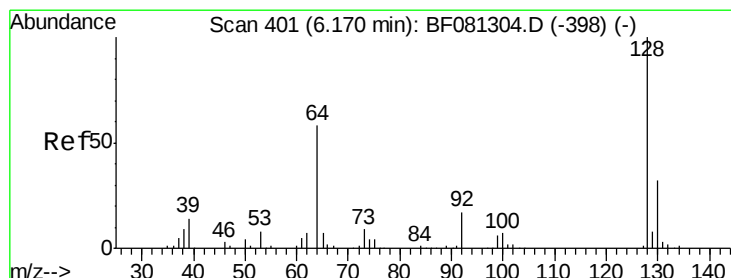
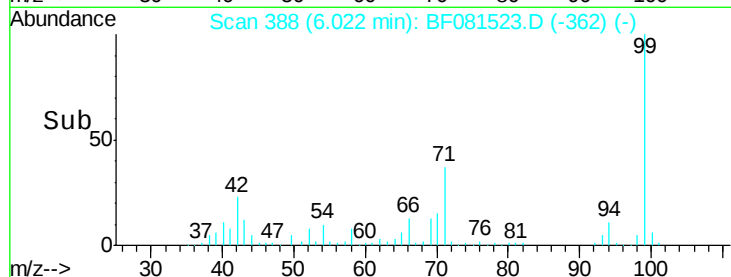
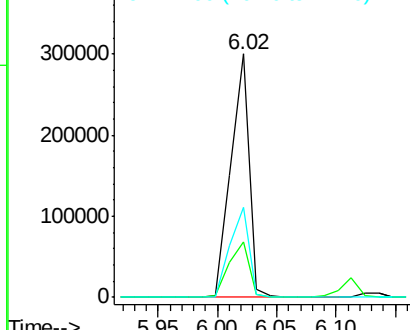
Manual Integrations
APPROVED

MMDadoda

9/9/2015 2:57:41 PM



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



#8

2-Chlorophenol

Concen: 36.31 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF081523.D

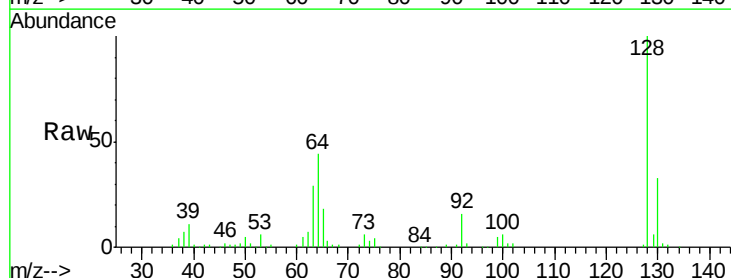
Acq: 8 Sep 2015 15:31

Tgt Ion: 128 Resp: 123770
Ion Ratio Lower Upper

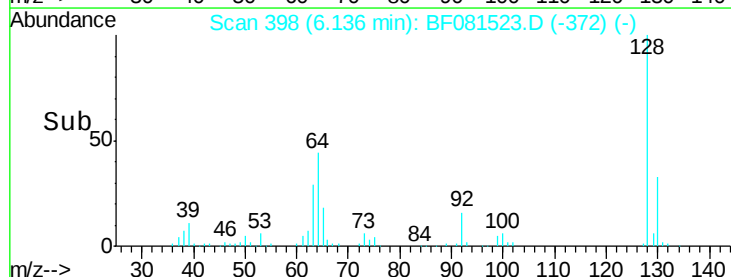
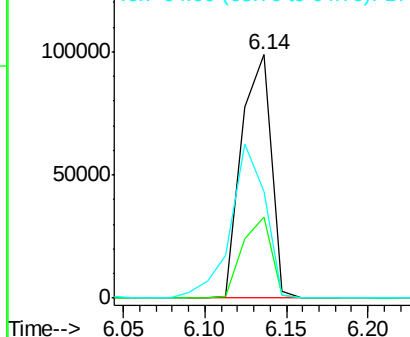
128 100

130 33.3 12.2 52.2

64 44.1 20.5 60.5



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





#9

Benzaldehyde

Concen: 27.86 ng

RT: 5.88 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF081523.D

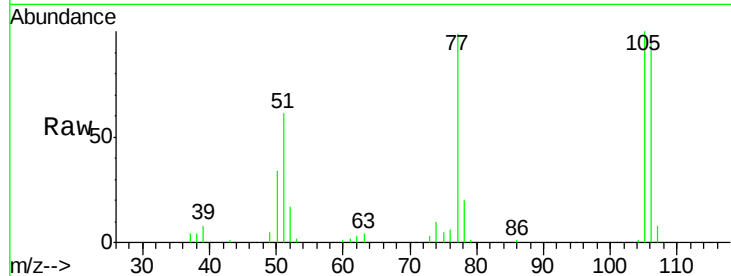
Acq: 8 Sep 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB85437BSD



Tgt Ion: 77 Resp: 71472

Ion Ratio Lower Upper

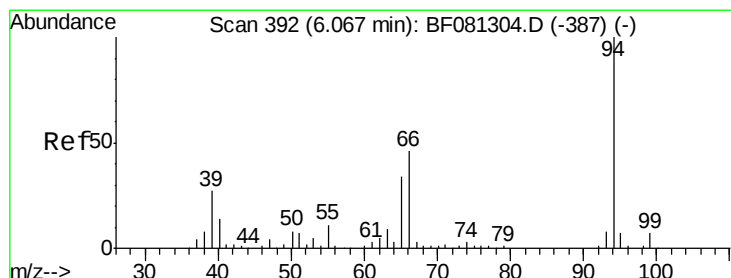
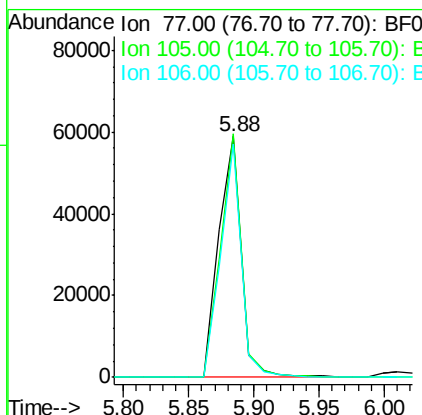
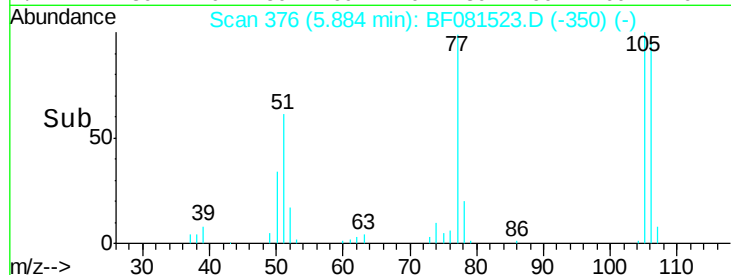
77 100

105 101.1 91.6 131.6

106 96.8 102.6 142.6#

Manual Integrations
APPROVED

MMDadoda
9/9/2015 2:57:41 PM



#10

Phenol

Concen: 40.30 ng

RT: 6.03 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF081523.D

Acq: 8 Sep 2015 15:31

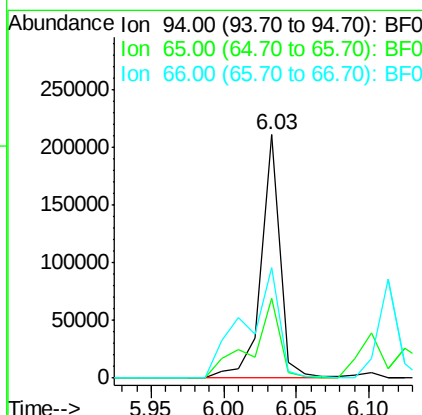
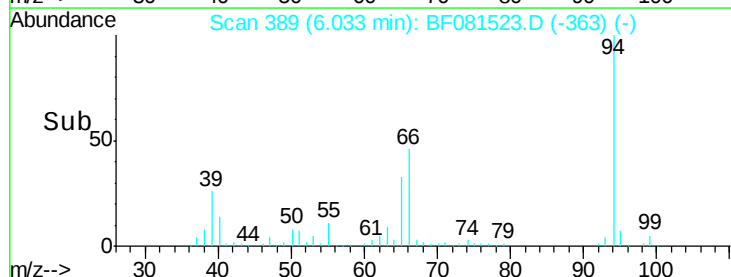
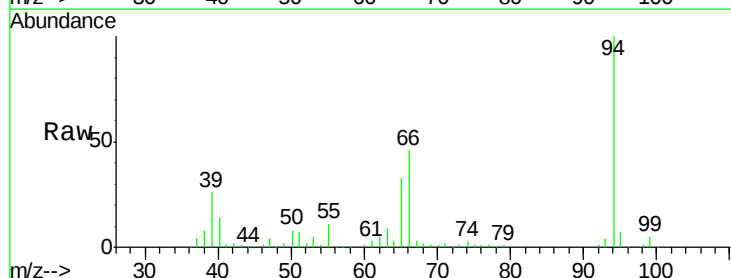
Tgt Ion: 94 Resp: 191331

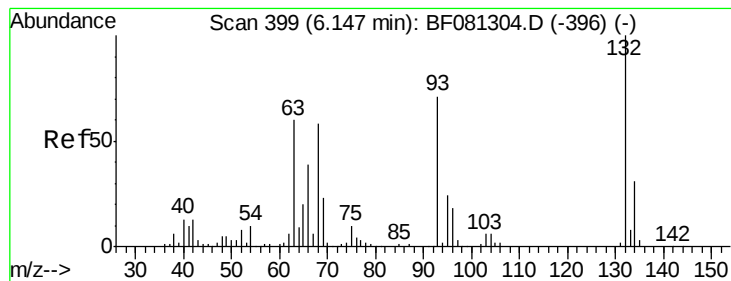
Ion Ratio Lower Upper

94 100

65 33.0 0.7 40.7

66 45.5 0.8 40.8#





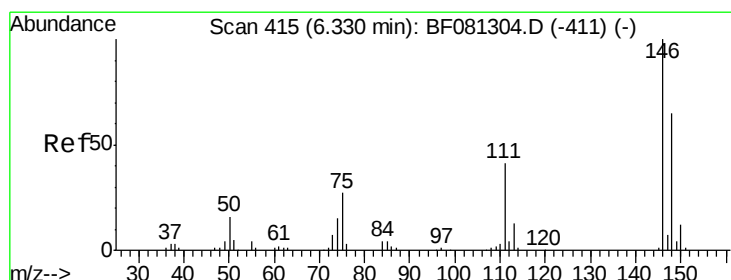
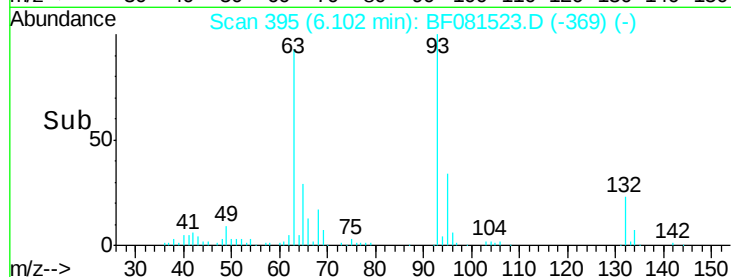
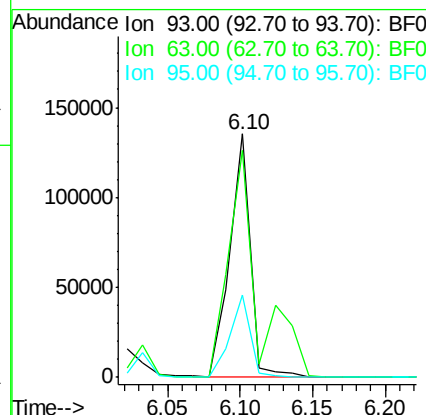
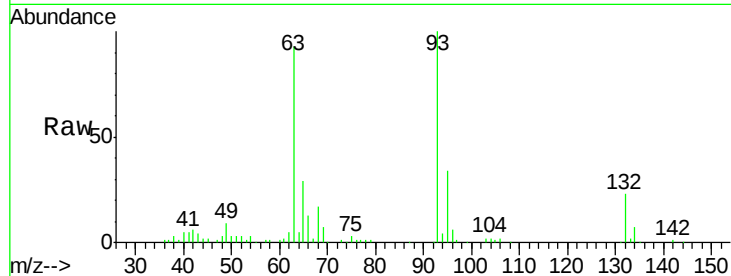
#11
bis(2-Chloroethyl)ether
Concen: 39.03 ng
RT: 6.10 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB85437BSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	133692		
63	93.4	65.6	105.6	
95	33.6	13.6	53.6	

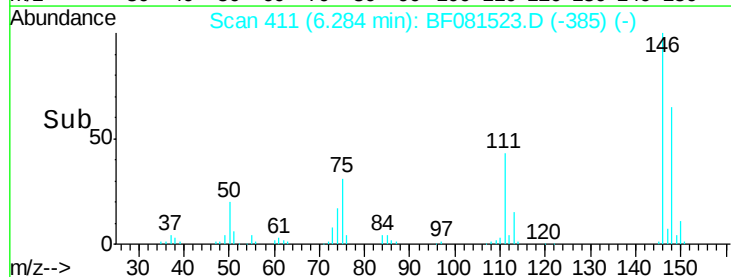
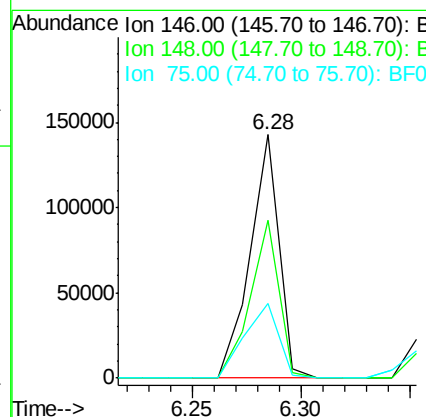
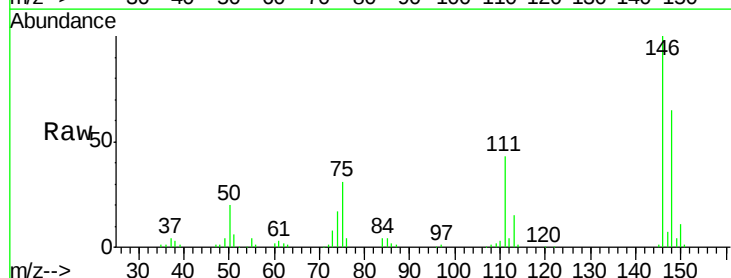
Manual Integrations
APPROVED

MMDadoda
9/9/2015 2:57:41 PM



#12
1,3-Dichlorobenzene
Concen: 36.10 ng
RT: 6.28 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	131451		
148	64.7	51.0	76.4	
75	30.6	15.0	22.6	





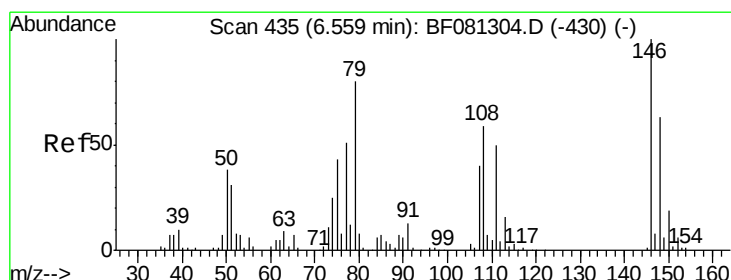
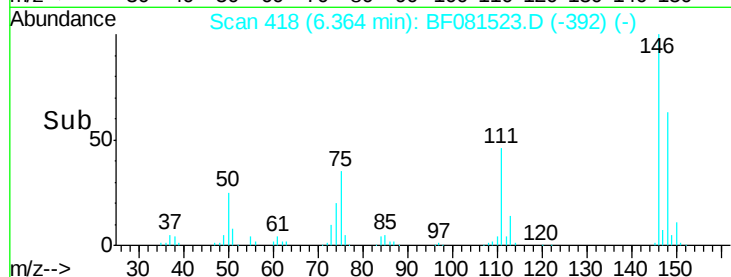
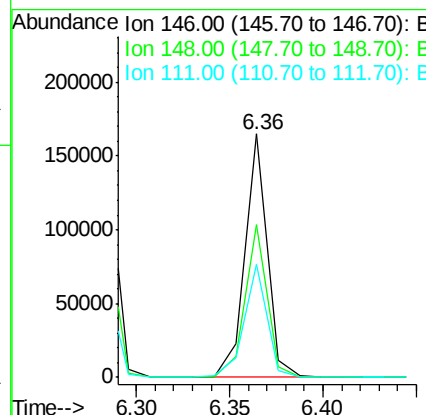
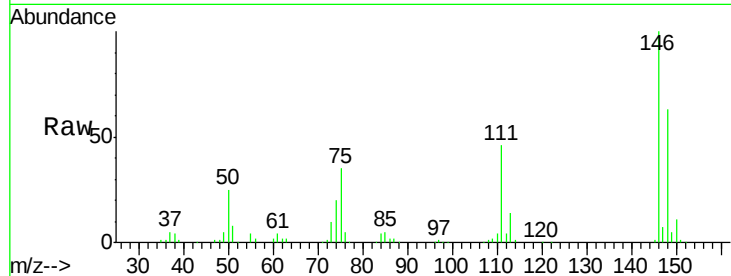
#13
 1,4-Dichlorobenzene
 Concen: 37.00 ng
 RT: 6.36 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85437BSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.8	77.6
111	46.4	24.9	37.3#

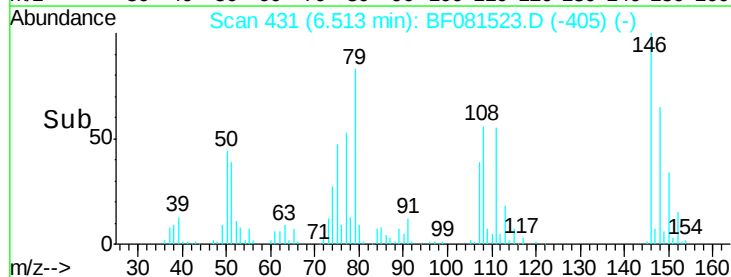
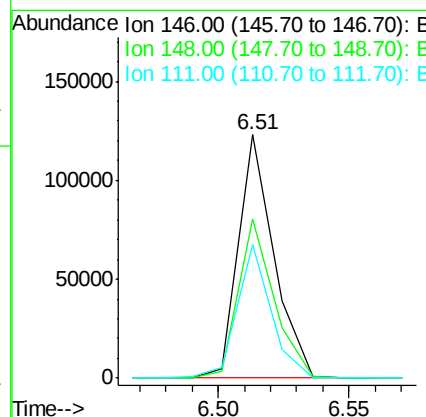
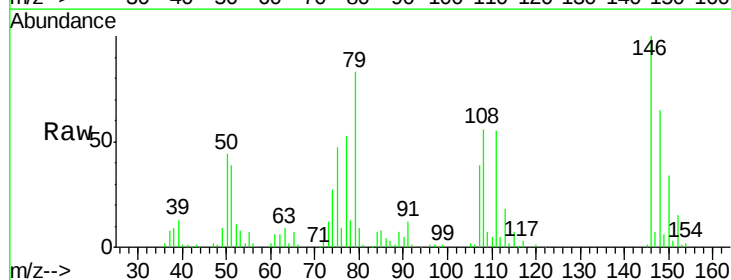
Manual Integrations
 APPROVED

MMDadoda
 9/9/2015 2:57:41 PM



#14
 1,2-Dichlorobenzene
 Concen: 34.52 ng m
 RT: 6.51 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.7	79.1
111	54.7	28.8	43.2#





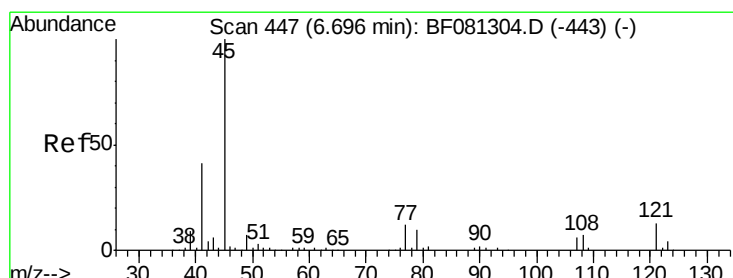
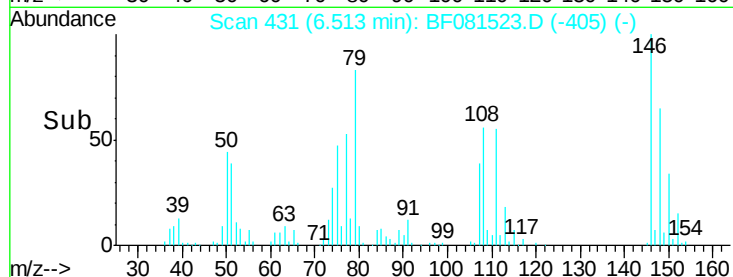
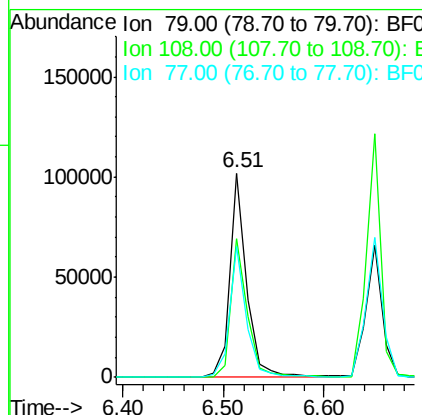
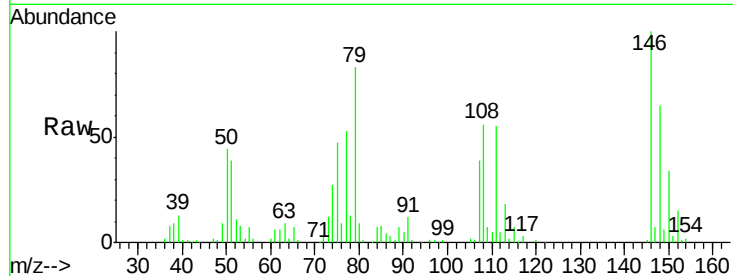
#15
Benzyl Alcohol
Concen: 35.50 ng
RT: 6.51 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB85437BSD

Tgt Ion: 79 Resp: 119243
Ion Ratio Lower Upper
79 100
108 67.7 88.6 132.8#
77 64.3 47.0 70.4

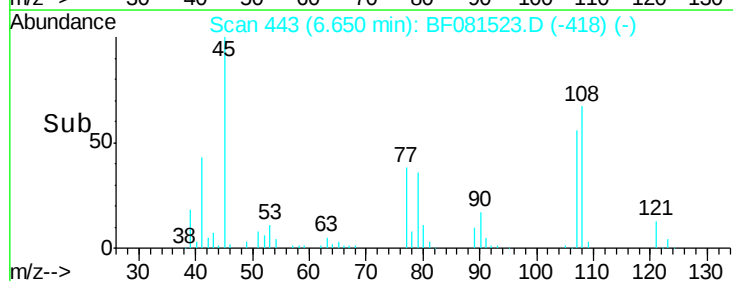
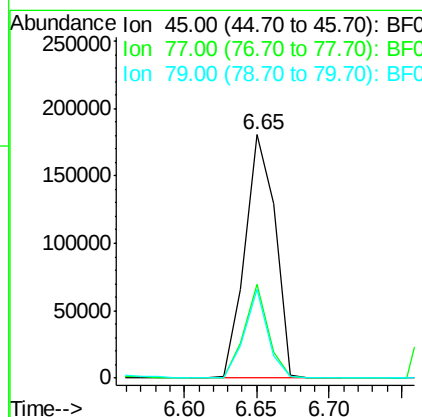
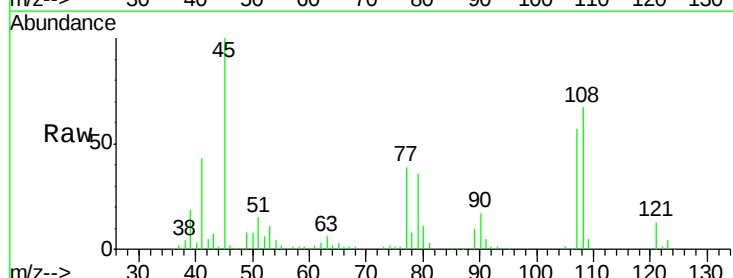
Manual Integrations
APPROVED

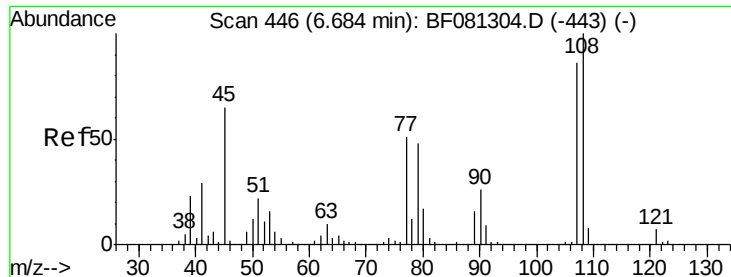
MMDadoda
9/9/2015 2:57:41 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.66 ng
RT: 6.65 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Tgt Ion: 45 Resp: 260406
Ion Ratio Lower Upper
45 100
77 38.5 0.0 28.1#
79 36.4 0.0 26.0#





#17

2-Methylphenol

Concen: 38.14 ng

RT: 6.65 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF081523.D

Acq: 8 Sep 2015 15:31

Instrument :

BNA_F

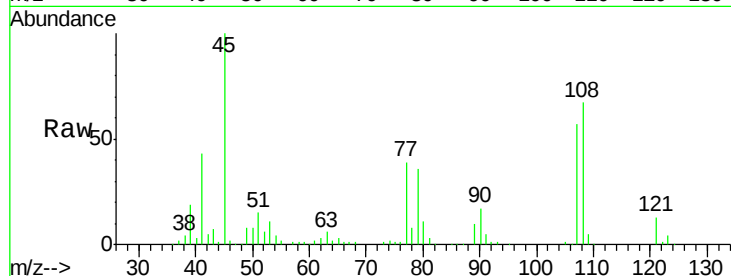
ClientSampleId :

PB85437BSD

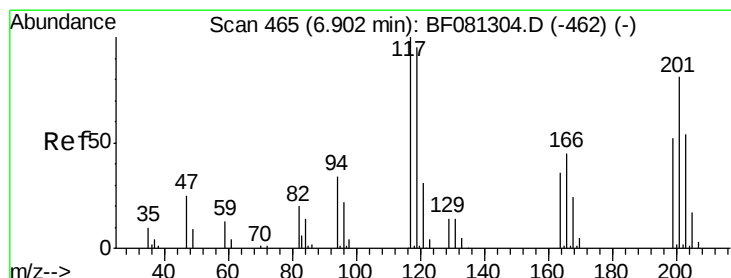
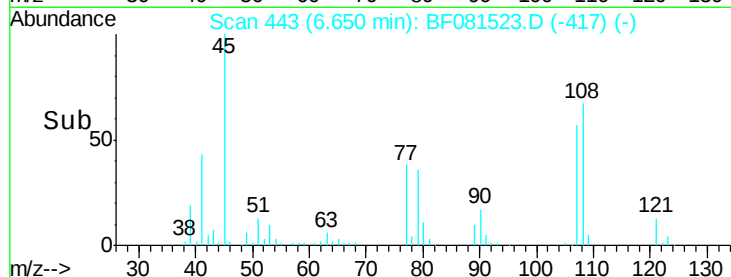
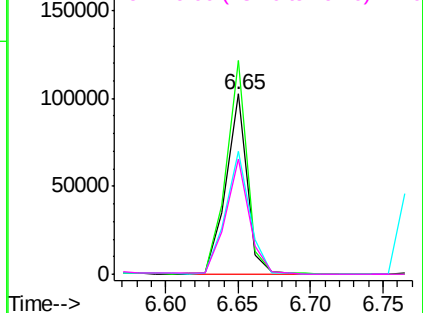
Manual Integrations
APPROVED

MMDadoda
9/9/2015 2:57:41 PM

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	118.7	96.6	145.0	
77	68.0	23.3	34.9	
79	64.3	22.0	33.0	



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 36.30 ng

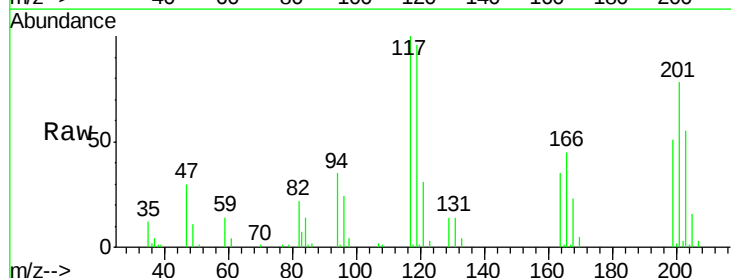
RT: 6.86 min Scan# 461

Delta R.T. 0.00 min

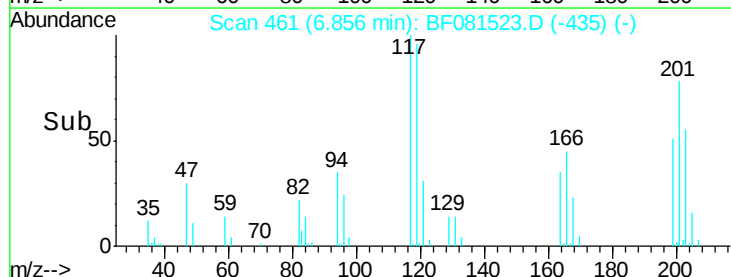
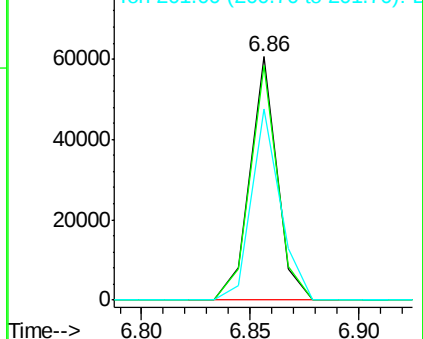
Lab File: BF081523.D

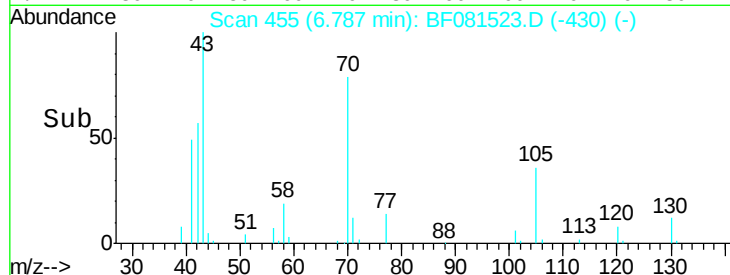
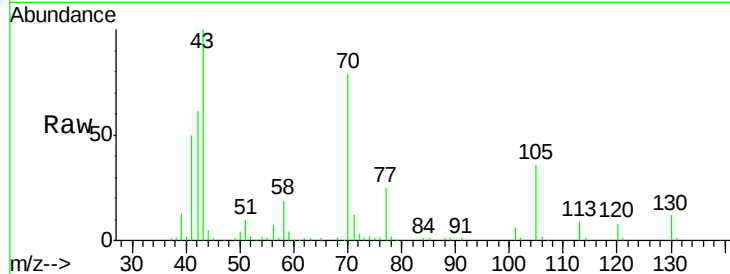
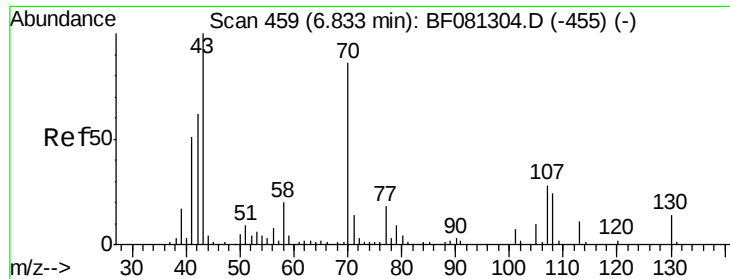
Acq: 8 Sep 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.4	83.8	125.6	
201	78.5	55.1	82.7	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





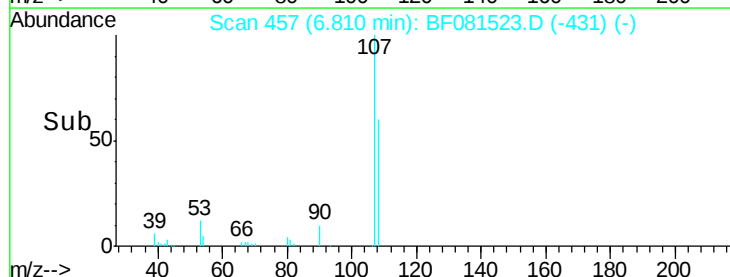
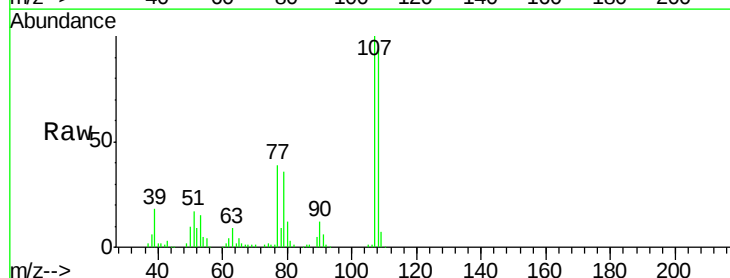
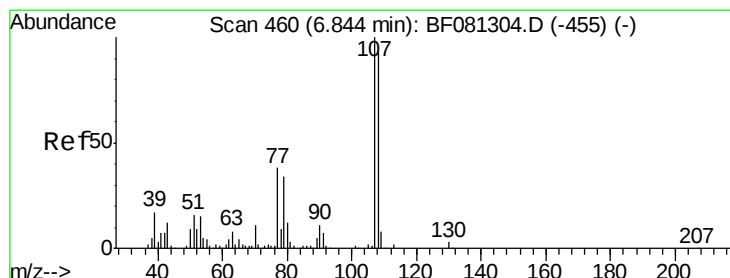
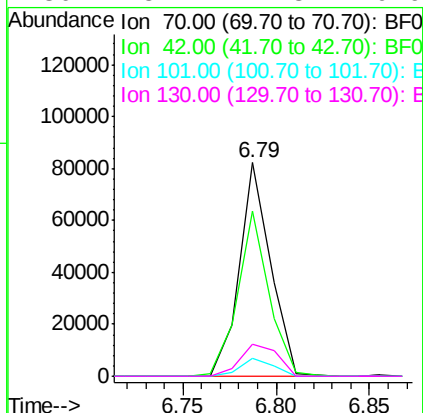
#19
n-Nitroso-di-n-propylamine
Concen: 34.38 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB85437BSD

Manual Integrations
APPROVED

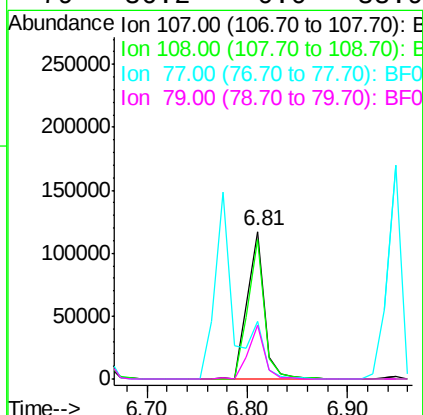
MMDadoda
9/9/2015 2:57:41 PM

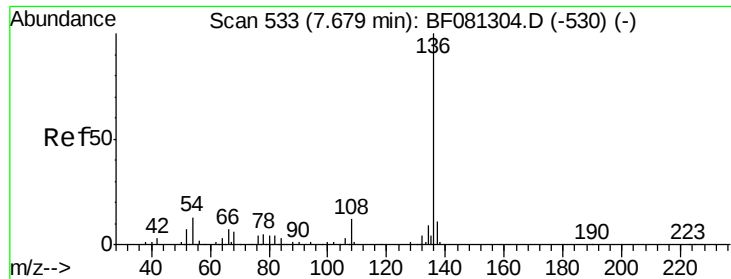
Tgt Ion	Ratio	Lower	Upper
70	100		
42	77.6	63.8	95.6
101	8.1	9.2	13.8#
130	15.2	27.3	40.9#



#20
3+4-Methylphenols
Concen: 37.86 ng
RT: 6.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.3	74.6	114.6
77	39.0	0.7	40.7
79	36.2	0.0	38.9





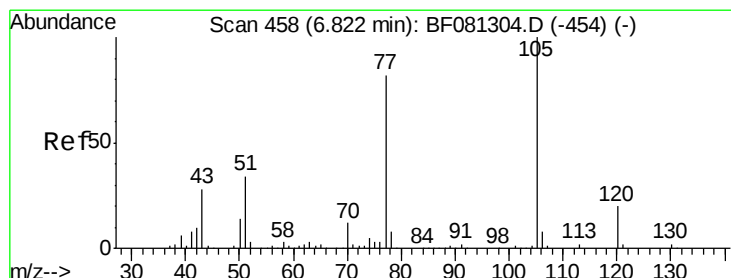
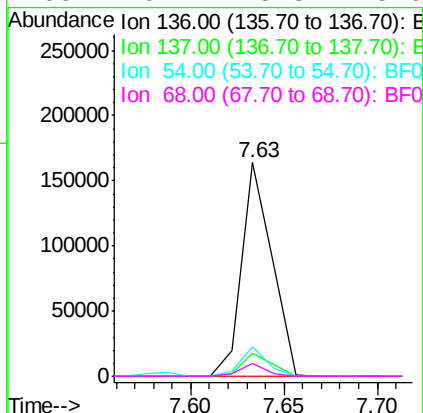
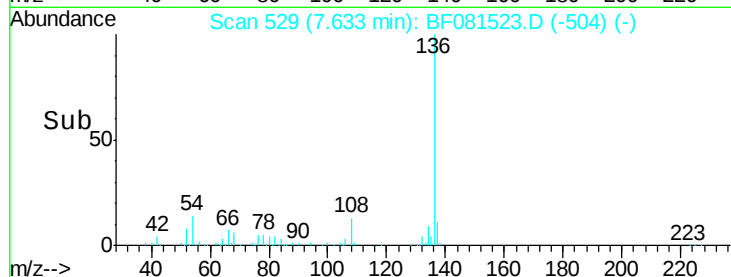
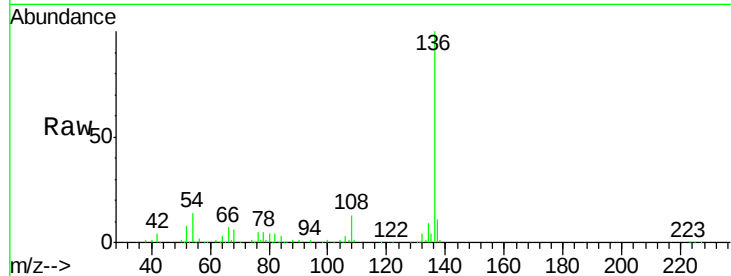
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.63 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB85437BSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	184424		
137	10.9	9.0	13.6	
54	13.9	8.2	12.2#	
68	6.1	5.8	8.6	

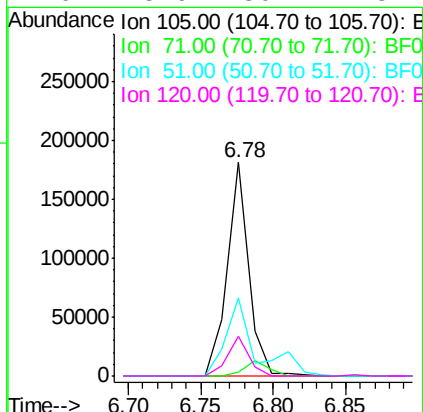
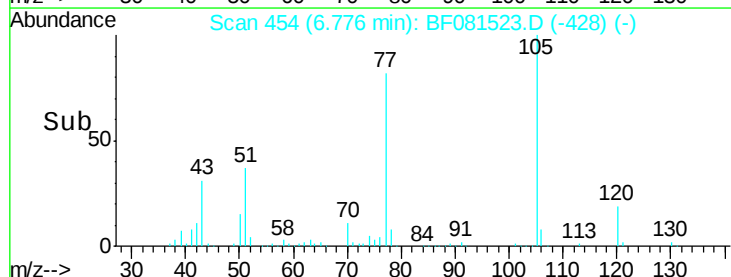
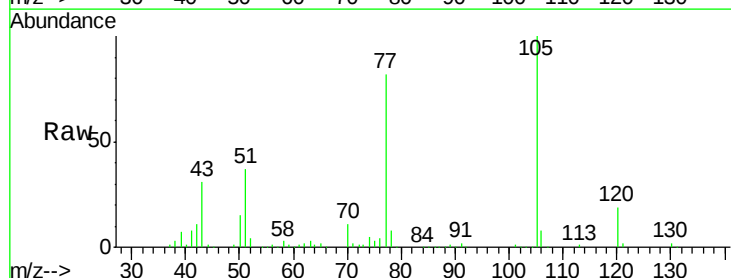
Manual Integrations
APPROVED

MMDadoda
9/9/2015 2:57:41 PM



#22
Acetophenone
Concen: 36.87 ng
RT: 6.78 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	185706		
71	1.9	4.7	7.1#	
51	36.7	22.0	33.0#	
120	18.9	30.1	45.1#	





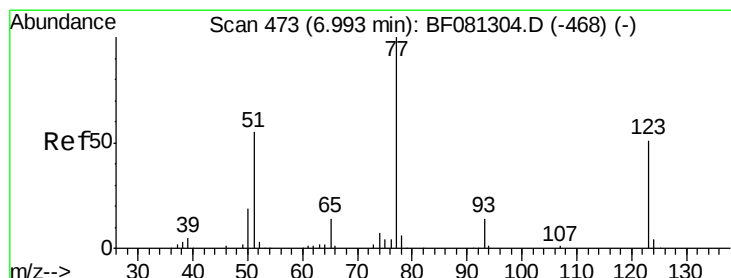
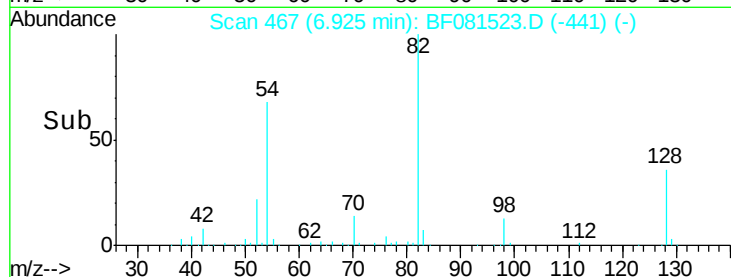
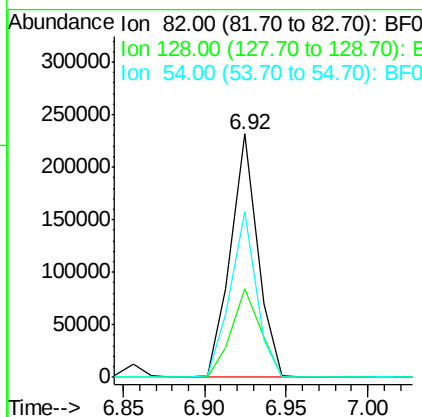
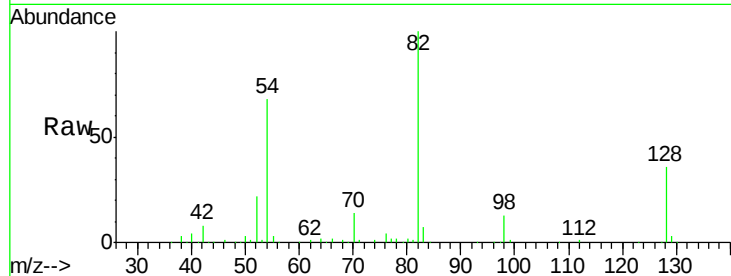
#23
 Nitrobenzene-d5
 Concen: 69.79 ng
 RT: 6.92 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85437BSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	266755		
128	36.3	51.0	76.6#	
54	68.1	47.5	71.3	

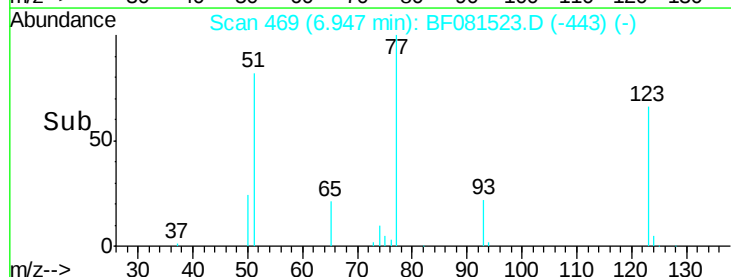
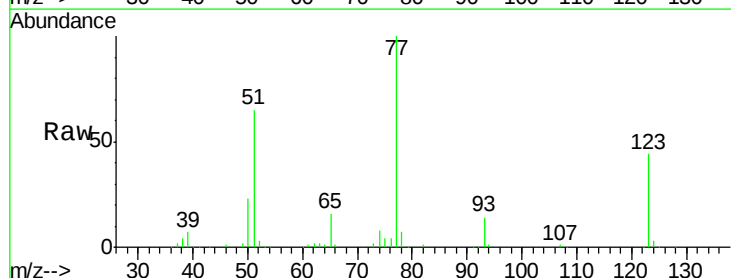
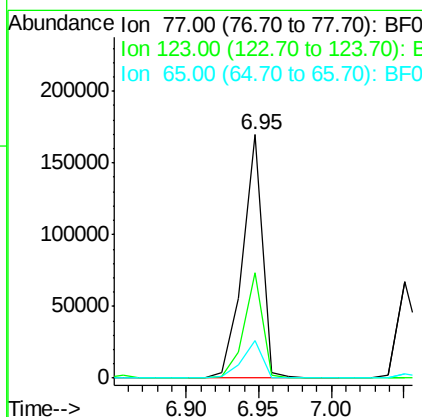
Manual Integrations
 APPROVED

MMDadoda
 9/9/2015 2:57:41 PM



#24
 Nitrobenzene
 Concen: 40.44 ng
 RT: 6.95 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	160524		
123	43.5	59.8	89.8#	
65	15.6	10.2	15.4#	





#25

Isophorone

Concen: 36.69 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF081523.D

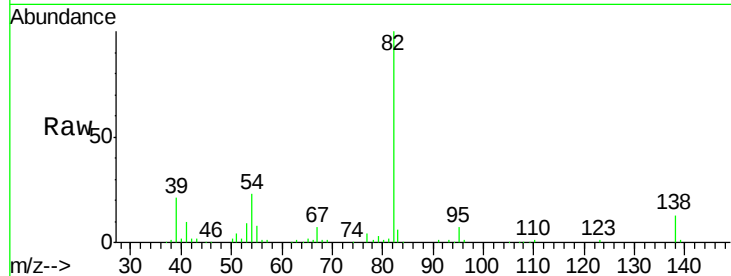
Acq: 8 Sep 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB85437BSD



Tgt Ion: 82 Resp: 260838

Ion Ratio Lower Upper

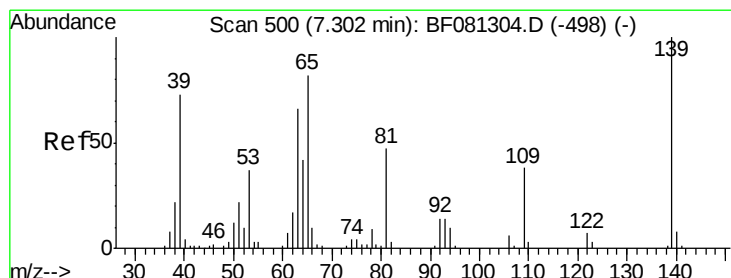
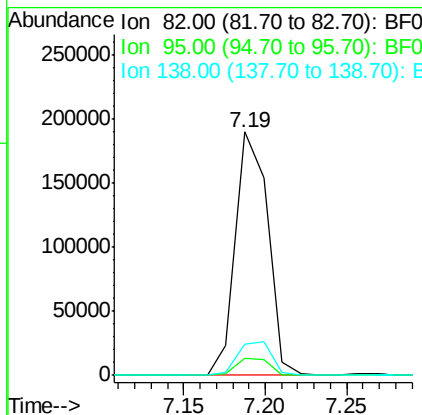
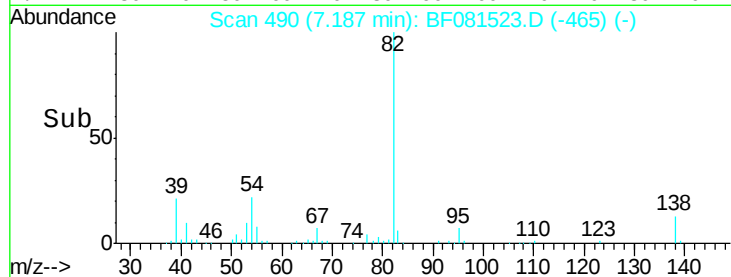
82 100

95 7.2 4.0 6.0#

138 13.0 18.3 27.5#

Manual Integrations
APPROVED

MMDadoda
9/9/2015 2:57:41 PM



#26

2-Nitrophenol

Concen: 38.32 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF081523.D

Acq: 8 Sep 2015 15:31

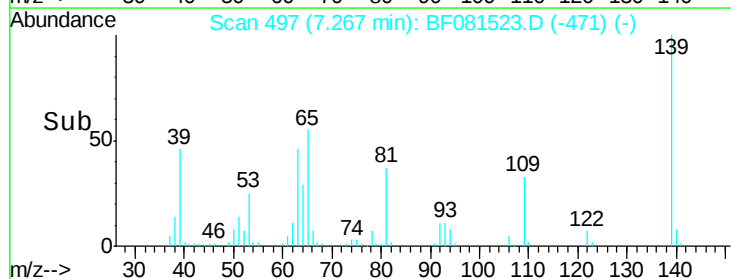
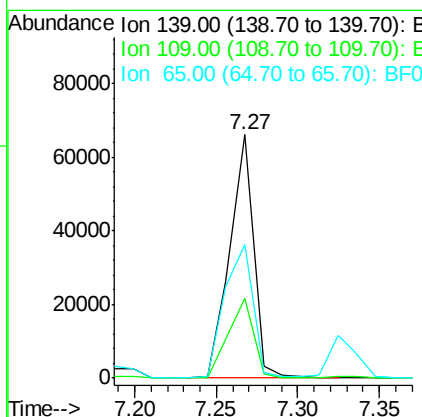
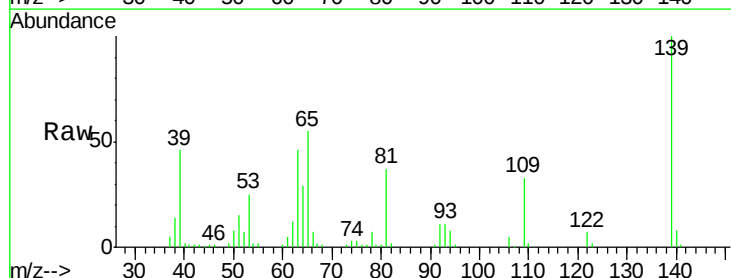
Tgt Ion: 139 Resp: 66307

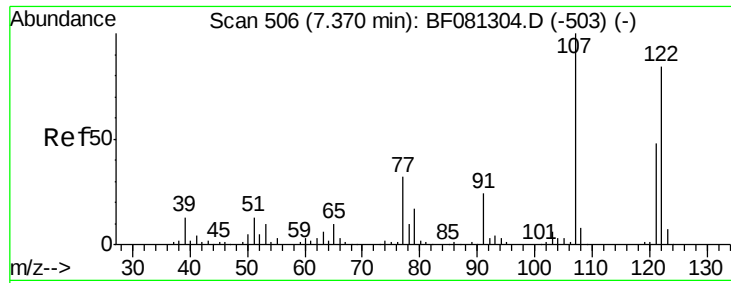
Ion Ratio Lower Upper

139 100

109 32.8 11.0 16.4#

65 55.0 24.7 37.1#





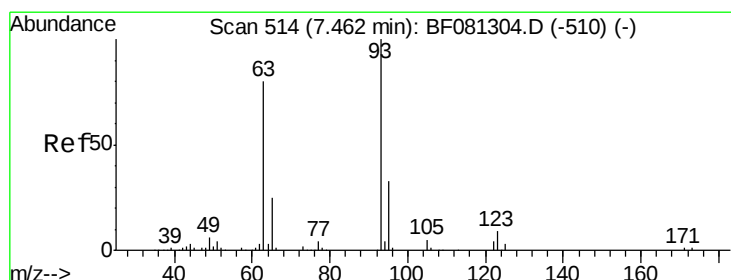
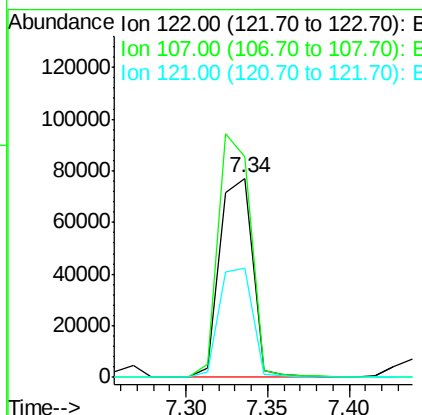
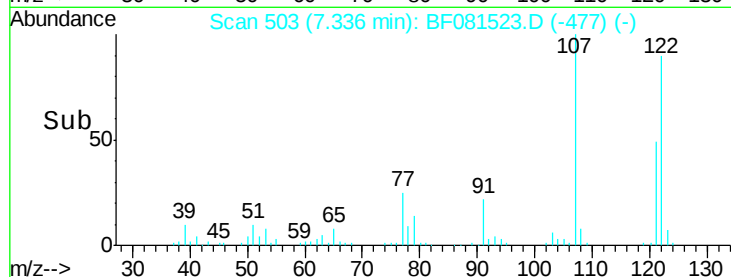
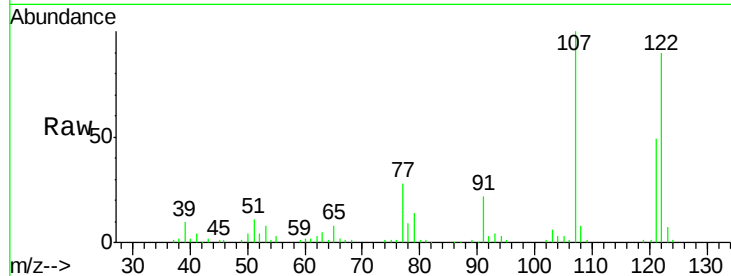
#27
 2,4-Dimethylphenol
 Concen: 35.99 ng
 RT: 7.34 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85437BSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	107540		
107	110.9	71.8	107.6#	
121	54.7	42.3	63.5	

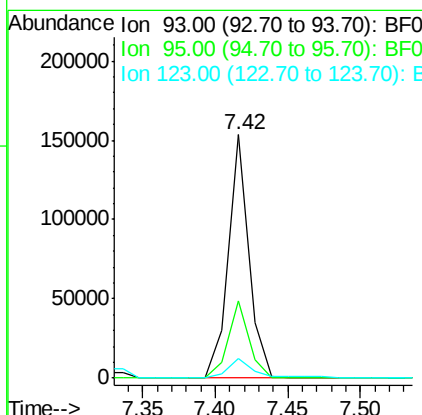
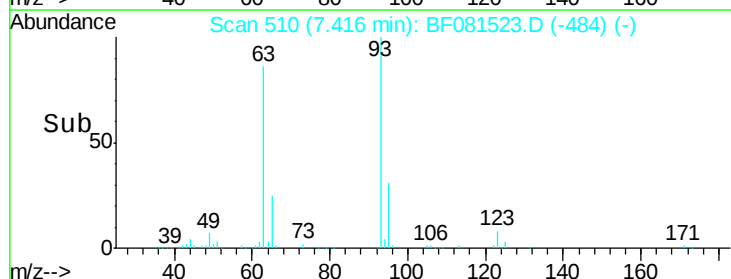
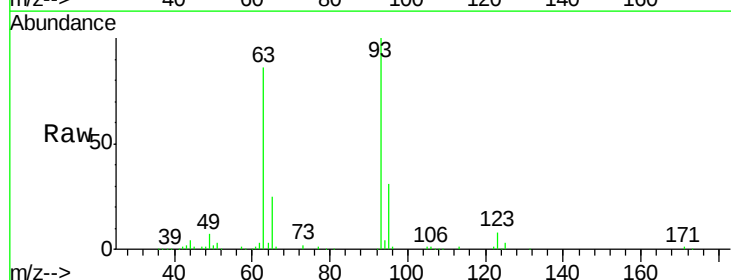
Manual Integrations
 APPROVED

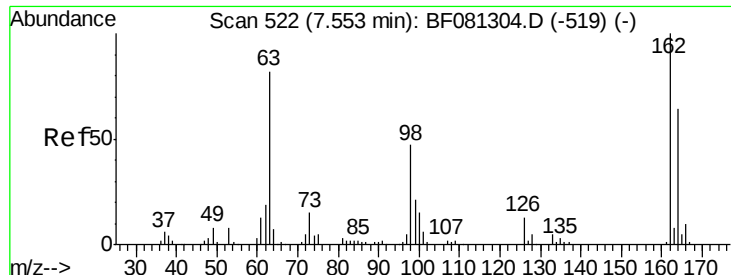
MMDadoda
 9/9/2015 2:57:41 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.75 ng
 RT: 7.42 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	150931		
95	31.5	27.5	41.3	
123	8.3	13.7	20.5#	





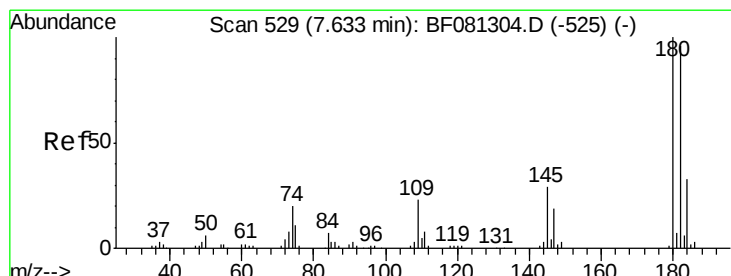
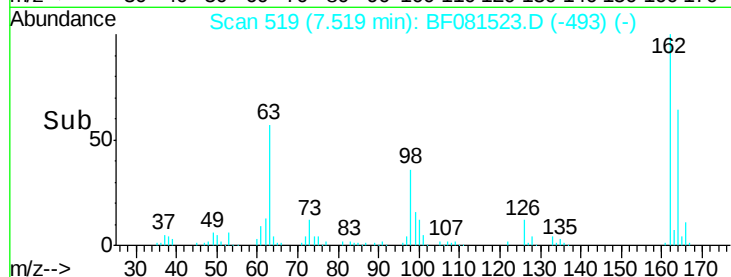
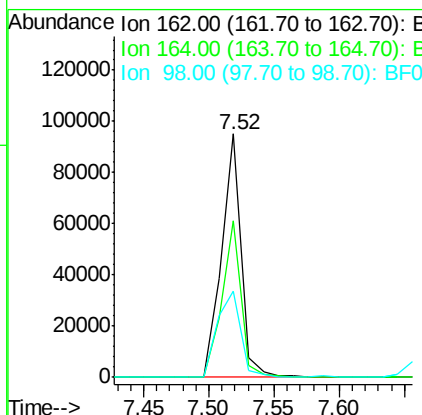
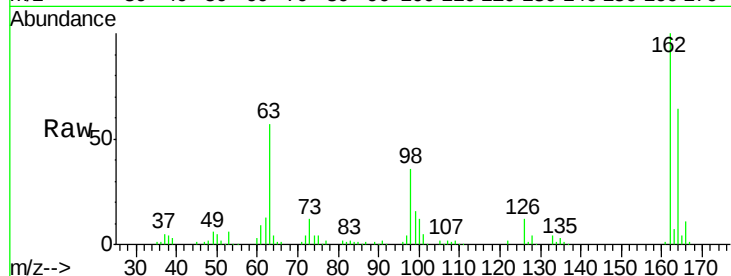
#29
2,4-Dichlorophenol
Concen: 38.47 ng
RT: 7.52 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB85437BSD

Tgt Ion:	162	Resp:	99680
Ion Ratio	Lower	Upper	
162	100		
164	64.4	44.9	84.9
98	35.6	13.0	53.0

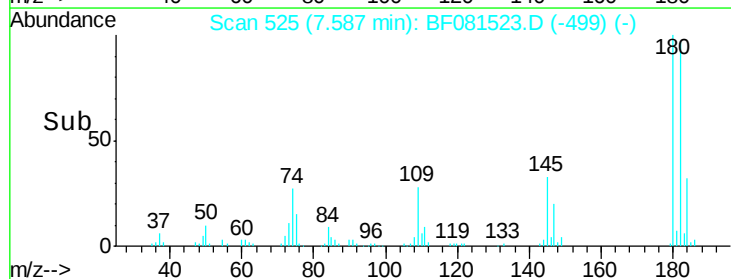
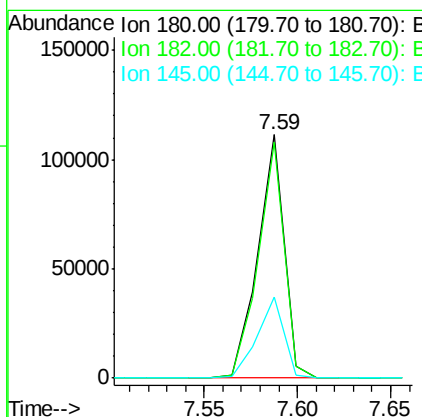
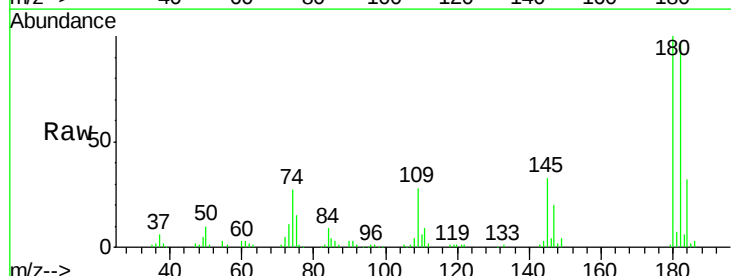
Manual Integrations
APPROVED

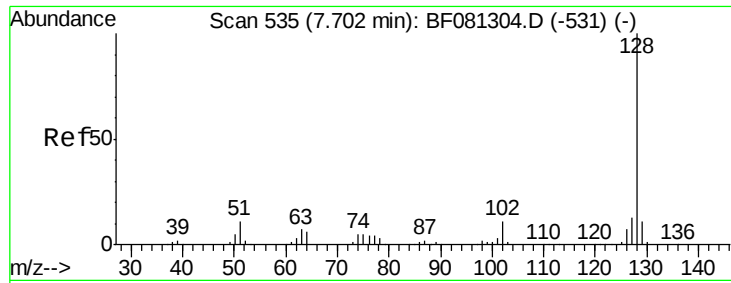
MMDadoda
9/9/2015 2:57:41 PM



#30
1,2,4-Trichlorobenzene
Concen: 38.46 ng
RT: 7.59 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Tgt Ion:	180	Resp:	108272
Ion Ratio	Lower	Upper	
180	100		
182	97.1	77.1	115.7
145	33.2	23.3	34.9





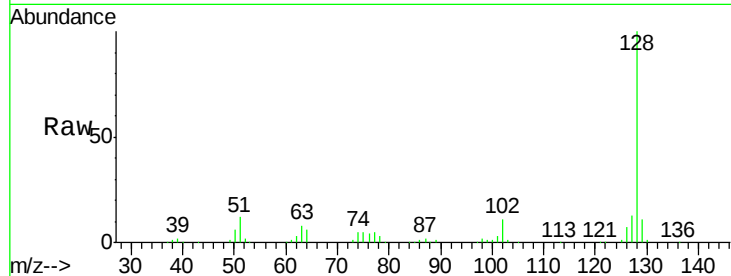
#31
Naphthalene
Concen: 35.23 ng
RT: 7.66 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB85437BSD

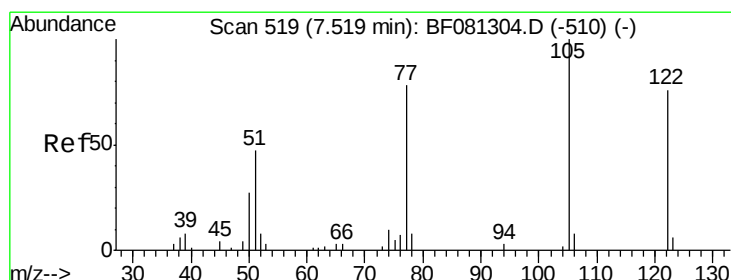
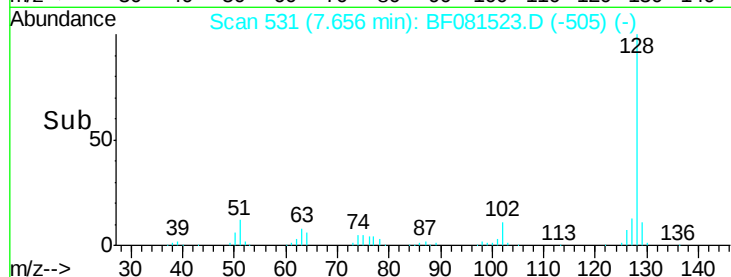
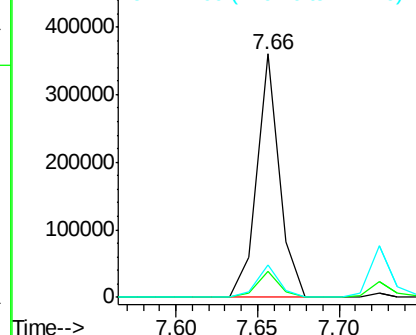
Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	10.9	8.4	12.6
127	13.4	9.9	14.9

Manual Integrations
APPROVED

MMDadoda
9/9/2015 2:57:41 PM

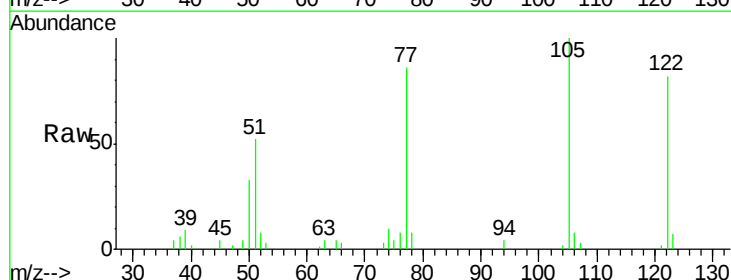


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

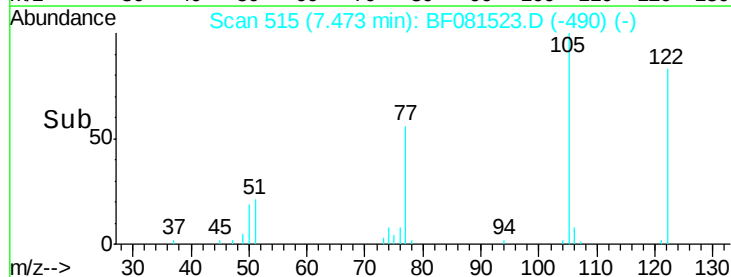
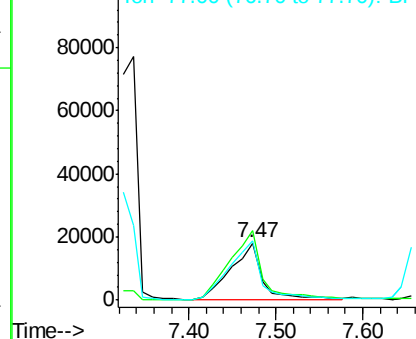


#32
Benzoic acid
Concen: 23.56 ng
RT: 7.47 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	122.2	76.1	116.1#
77	104.9	40.5	80.5#



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





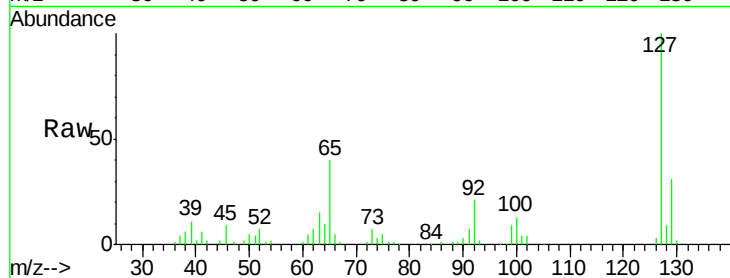
#33
4-Chloroaniline
Concen: 19.09 ng
RT: 7.72 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB85437BSD

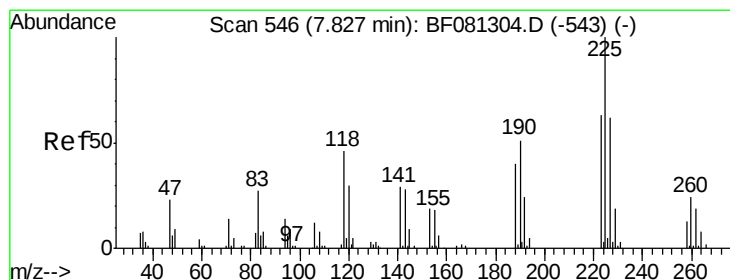
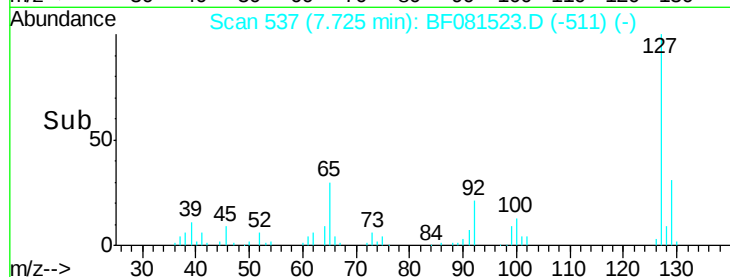
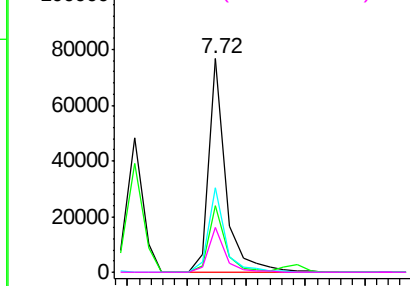
Tgt Ion:	127	Resp:	76603
Ion Ratio	Lower	Upper	
127	100		
129	31.5	25.8	38.6
65	39.8	17.9	26.9#
92	21.1	10.5	15.7#

Manual Integrations
APPROVED

MMDadoda
9/9/2015 2:57:41 PM



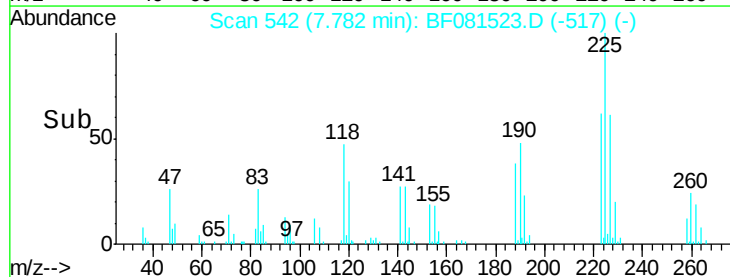
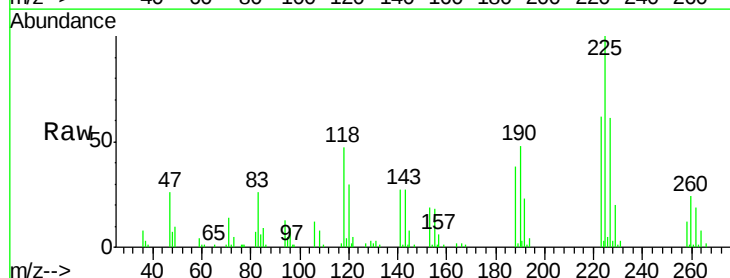
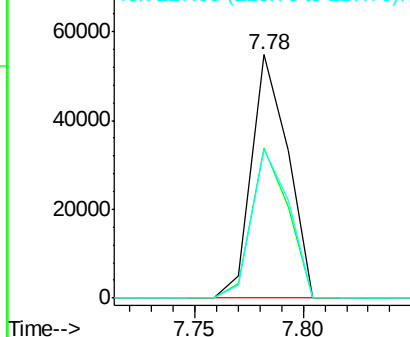
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 37.22 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Tgt Ion:	225	Resp:	63762
Ion Ratio	Lower	Upper	
225	100		
223	61.5	50.2	75.2
227	60.9	52.2	78.2

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





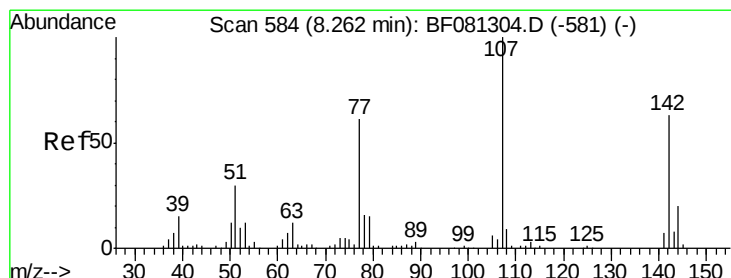
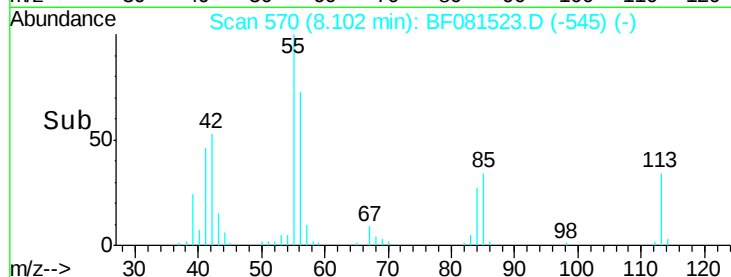
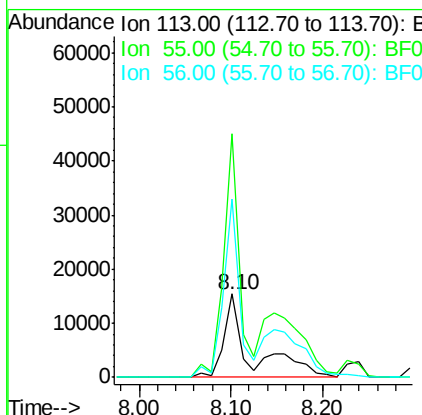
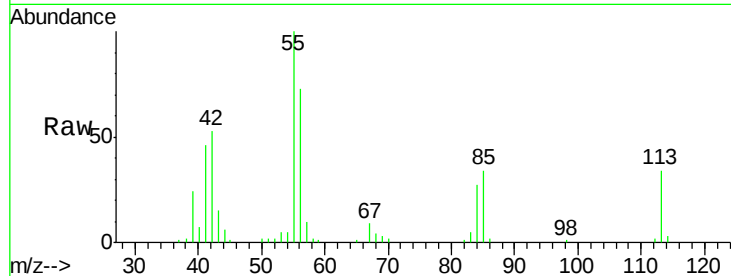
#35
 Caprolactam
 Concen: 39.04 ng m
 RT: 8.10 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85437BSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	293.0	152.4	192.4#
56	214.0	104.6	144.6#

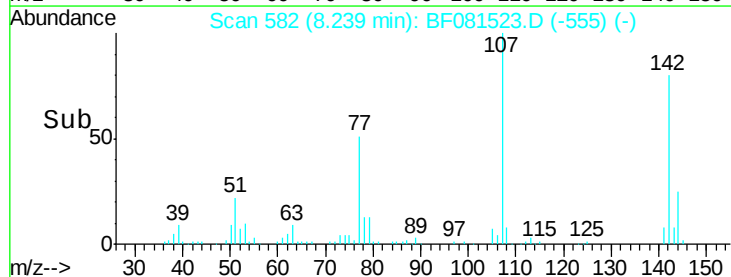
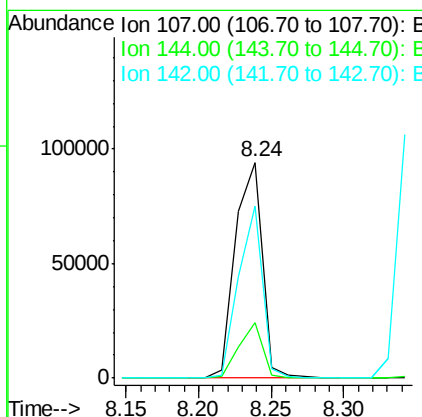
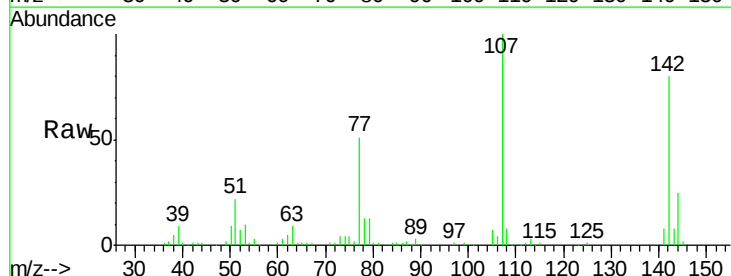
Manual Integrations
 APPROVED

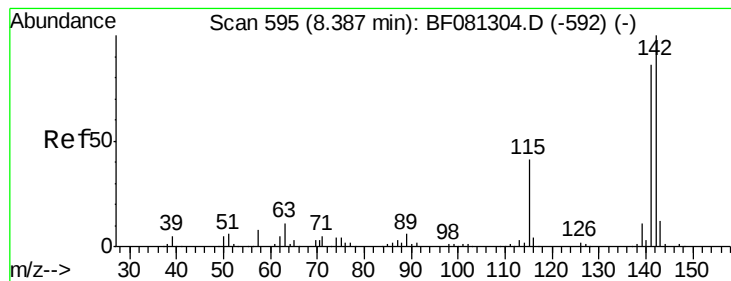
MMDadoda
 9/9/2015 2:57:41 PM



#36
 4-Chloro-3-methylphenol
 Concen: 41.73 ng
 RT: 8.24 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

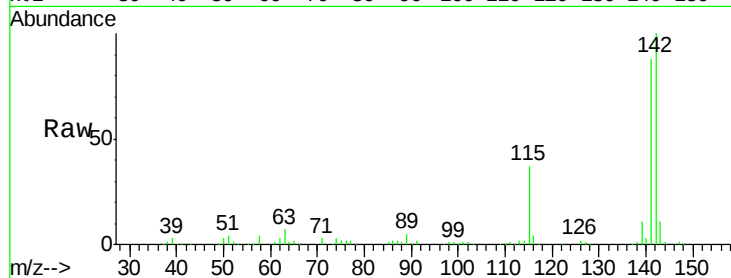
Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	25.4	38.0
142	79.7	77.3	115.9





#37
 2-Methylnaphthalene
 Concen: 40.08 ng
 RT: 8.35 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

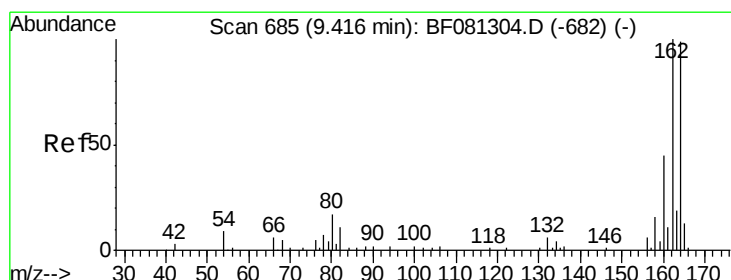
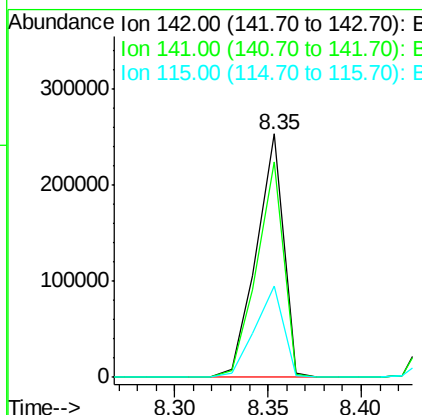
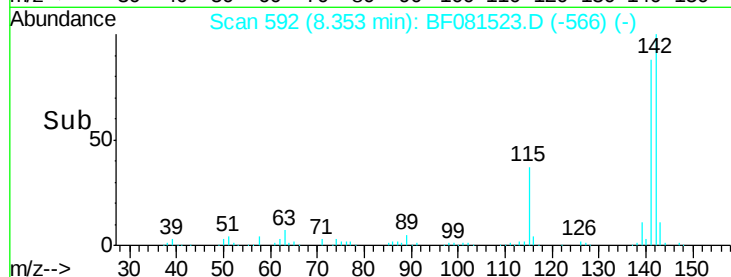
Instrument :
 BNA_F
 ClientSampleId :
 PB85437BSD



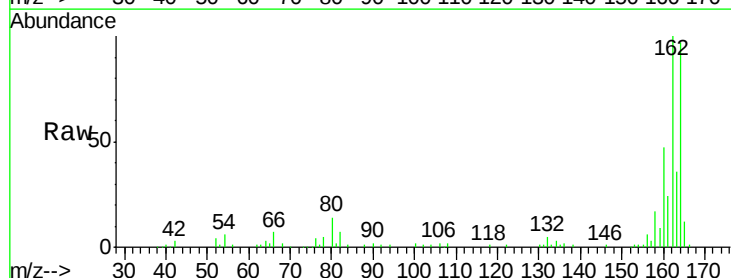
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	256520		
141	88.3	67.5	101.3	
115	37.3	18.2	27.2	

Manual Integrations
 APPROVED

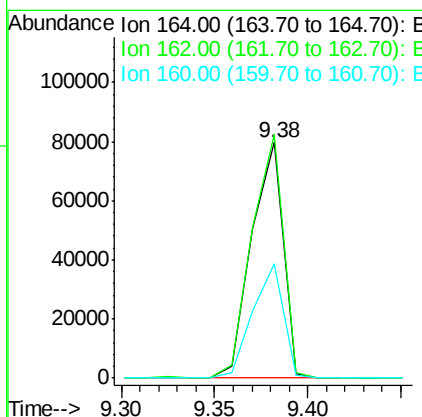
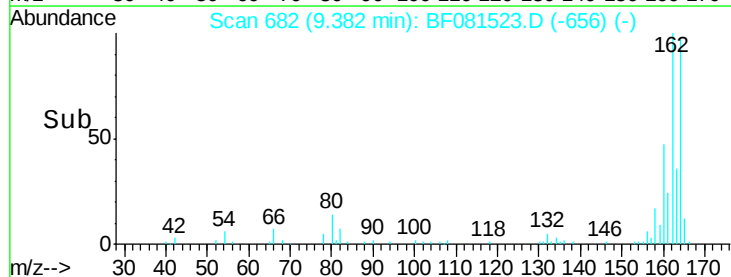
MMDadoda
 9/9/2015 2:57:41 PM

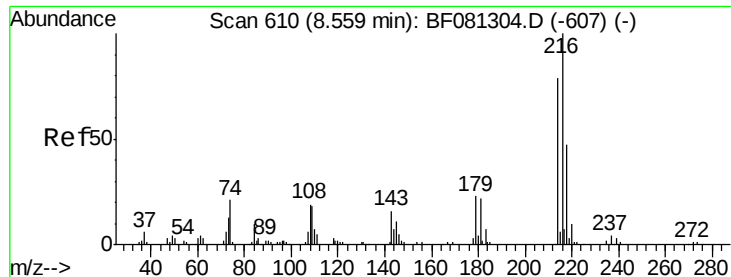


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31



Tgt Ion	Ratio	Resp	Lower	Upper
164	100	93015		
162	103.3	75.2	112.8	
160	48.5	31.5	47.3	





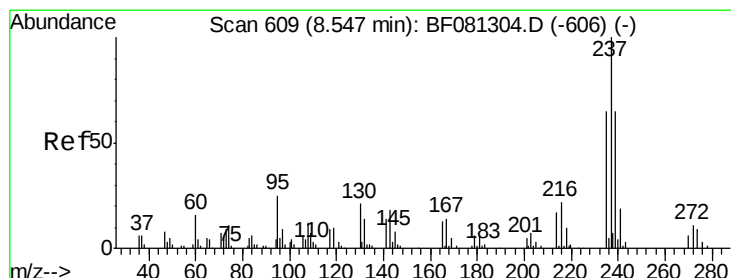
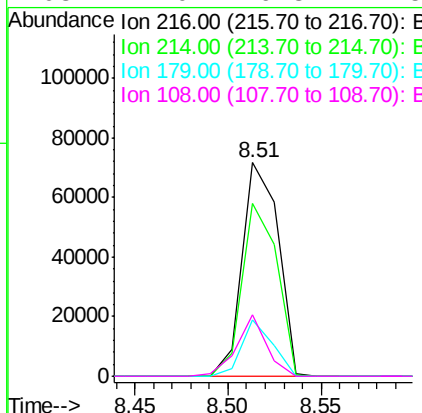
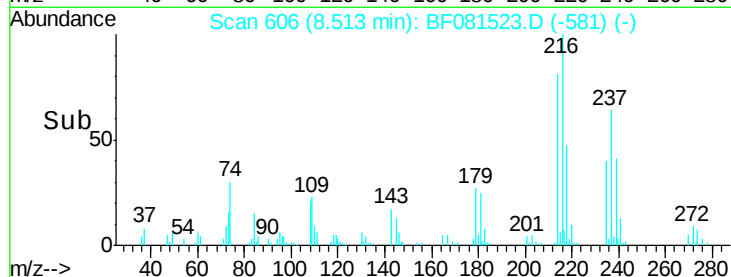
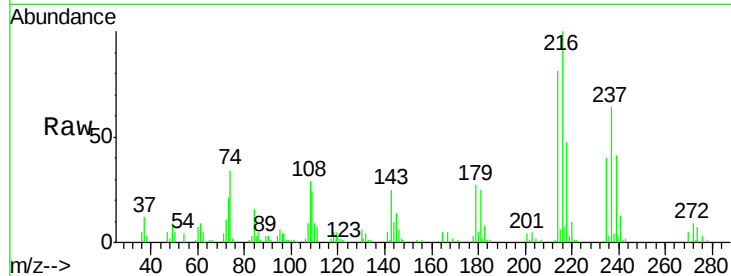
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.56 ng
 RT: 8.51 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85437BSD

Manual Integrations
 APPROVED

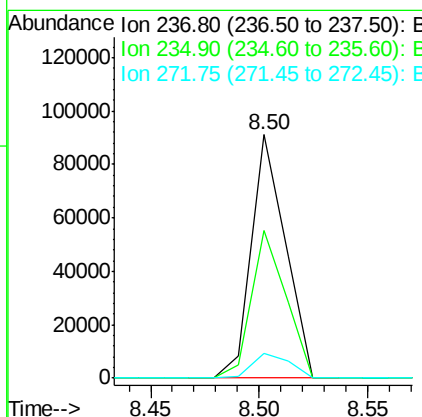
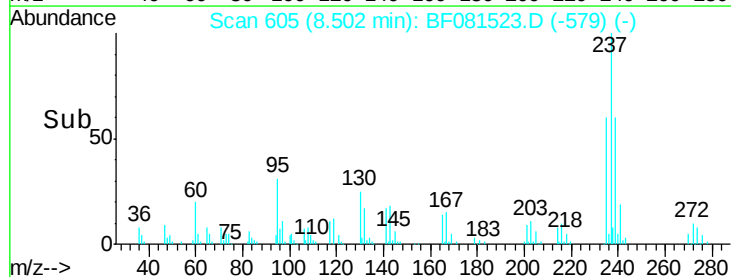
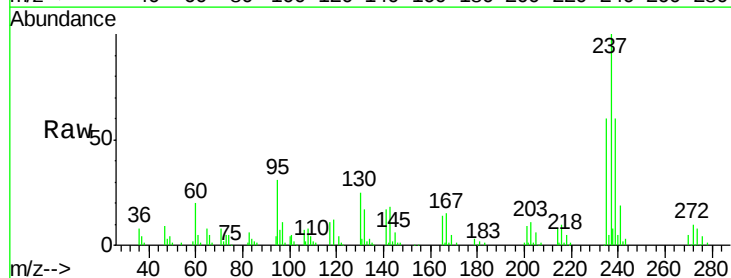
MMDadoda
 9/9/2015 2:57:41 PM

Tgt Ion:	216	Resp:	95779
Ion Ratio	Lower	Upper	
216	100		
214	79.2	63.5	95.3
179	22.9	16.6	24.8
108	24.0	16.3	24.5



#40
 Hexachlorocyclopentadiene
 Concen: 69.05 ng
 RT: 8.50 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Tgt Ion:	237	Resp:	99678
Ion Ratio	Lower	Upper	
237	100		
235	60.4	42.0	82.0
272	10.1	0.0	36.1





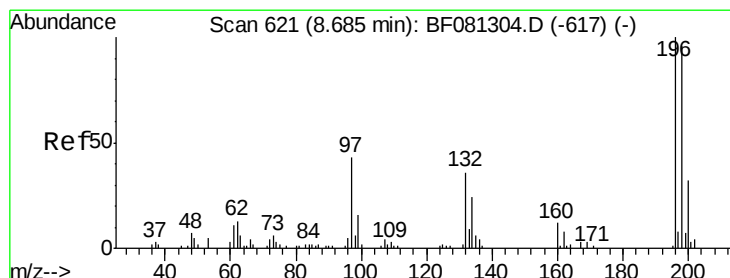
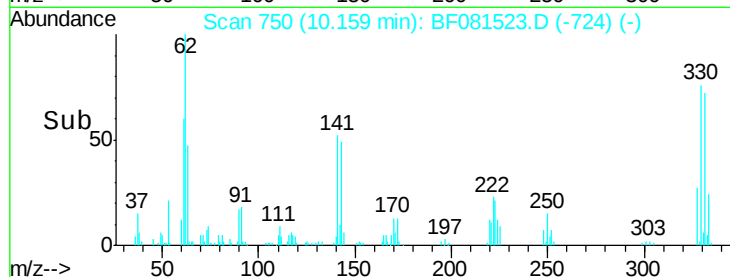
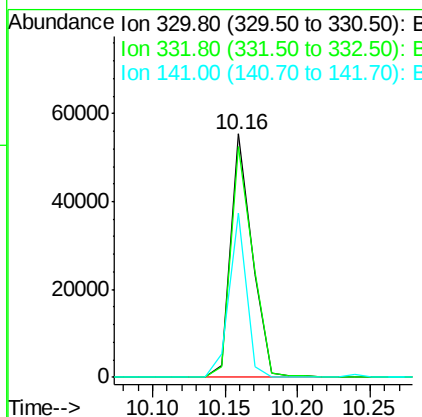
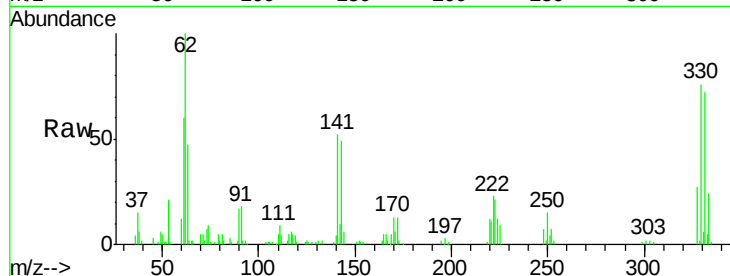
#41
 2,4,6-Tribromophenol
 Concen: 68.82 ng
 RT: 10.16 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85437BSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	57001		
332	97.3	76.6	114.8	
141	54.6	29.7	44.5#	

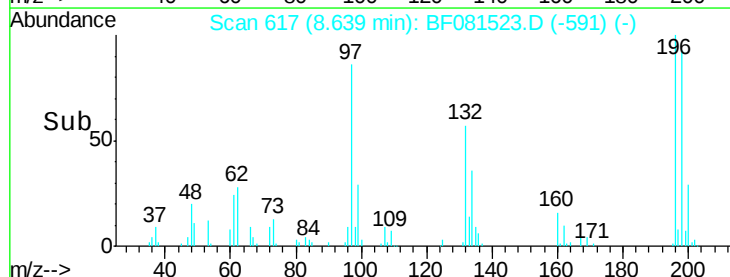
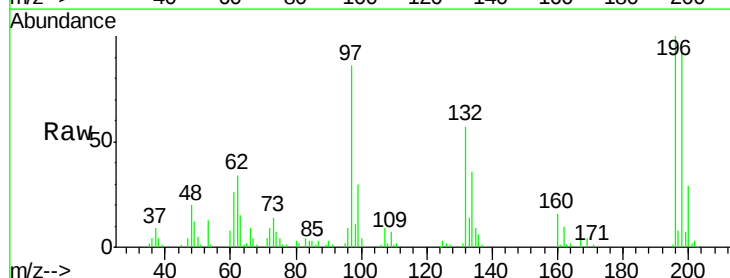
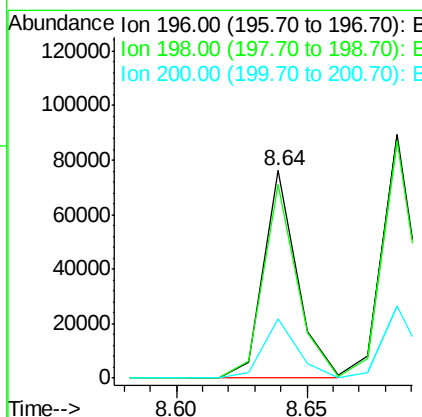
Manual Integrations
 APPROVED

MMDadoda
 9/9/2015 2:57:41 PM



#42
 2,4,6-Trichlorophenol
 Concen: 33.77 ng
 RT: 8.64 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

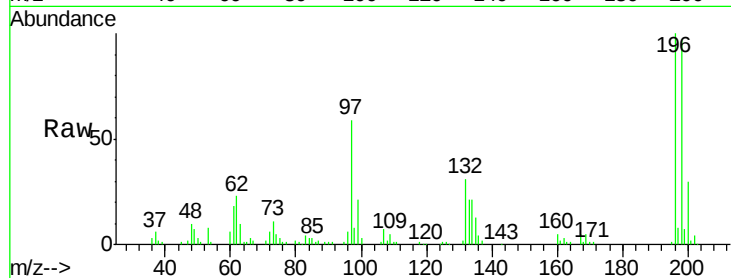
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	68553		
198	93.5	75.7	113.5	
200	28.7	23.9	35.9	





#43
 2,4,5-Trichlorophenol
 Concen: 38.03 ng
 RT: 8.68 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

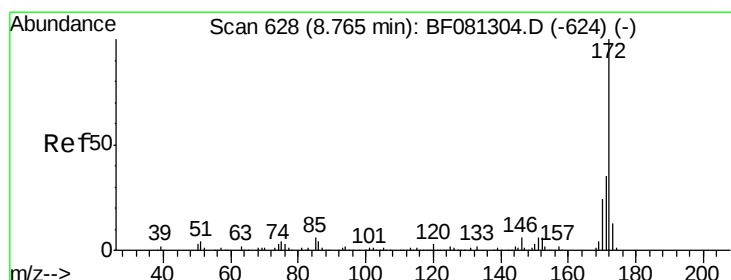
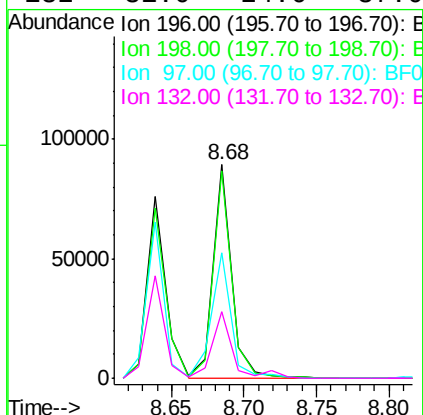
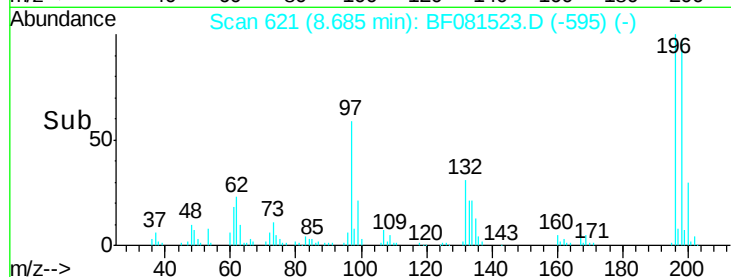
Instrument :
 BNA_F
 ClientSampleId :
 PB85437BSD



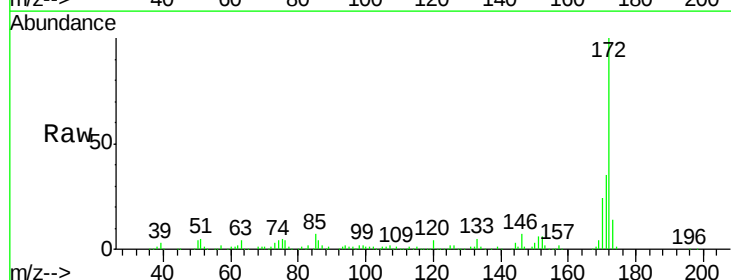
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	78765		
198	97.2	75.4	113.0	
97	58.7	33.3	49.9	
132	31.0	24.6	37.0	

Manual Integrations
 APPROVED

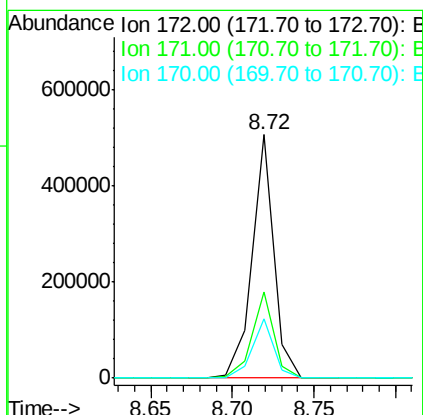
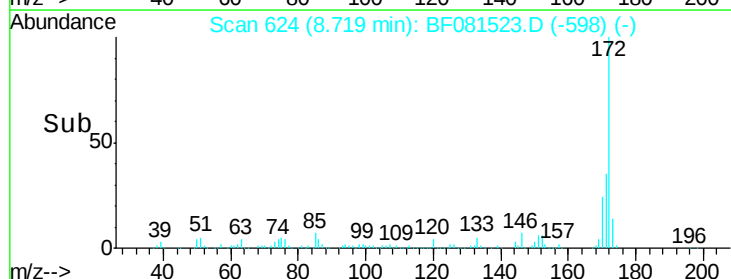
MMDadoda
 9/9/2015 2:57:41 PM

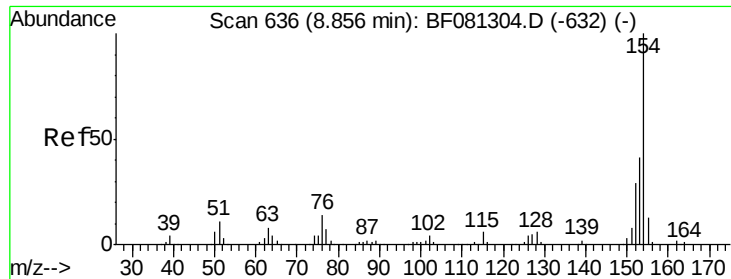


#44
 2-Fluorobiphenyl
 Concen: 64.68 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	469502		
171	35.5	26.1	39.1	
170	24.4	17.4	26.2	





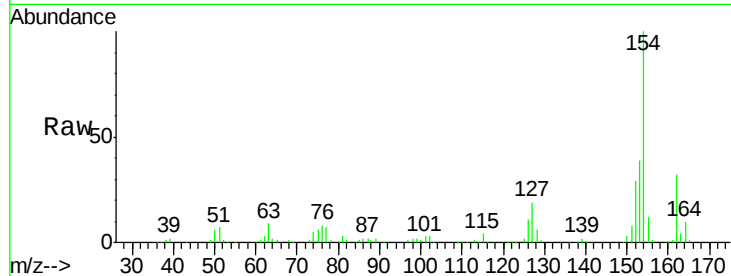
#45
 1,1'-Biphenyl
 Concen: 32.38 ng
 RT: 8.82 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85437BSD

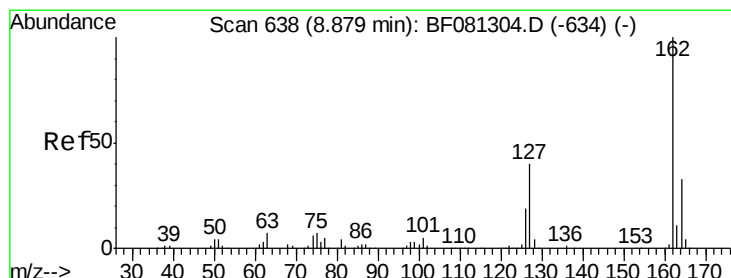
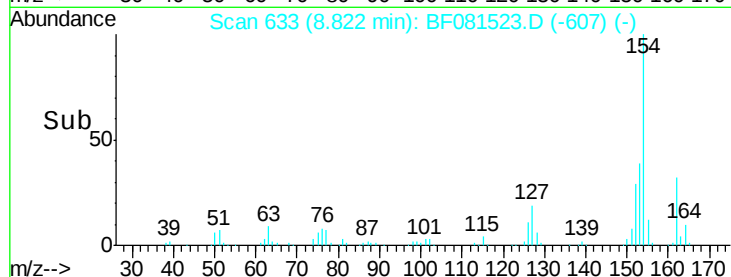
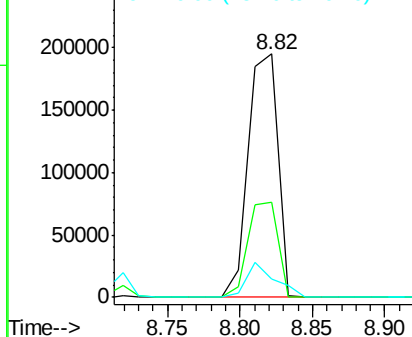
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	277132		
153	39.1	17.1	57.1	
76	7.5	0.0	31.6	

Manual Integrations
 APPROVED

MMDadoda
 9/9/2015 2:57:41 PM

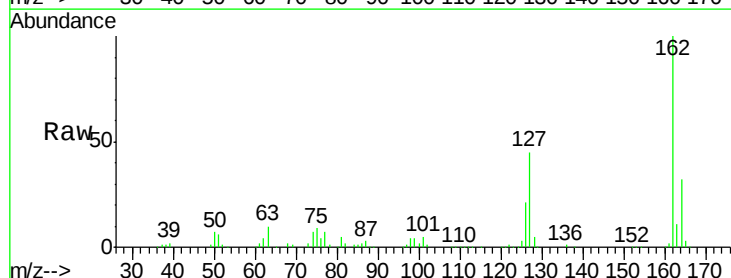


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

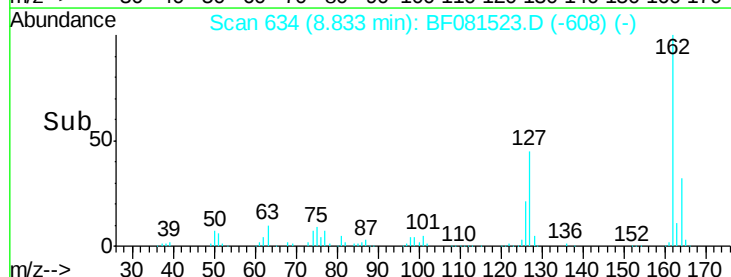
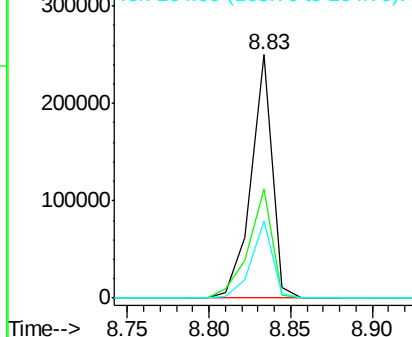


#46
 2-Chloronaphthalene
 Concen: 36.50 ng
 RT: 8.83 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	225538		
127	44.7	27.6	41.4#	
164	31.7	25.4	38.2	



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





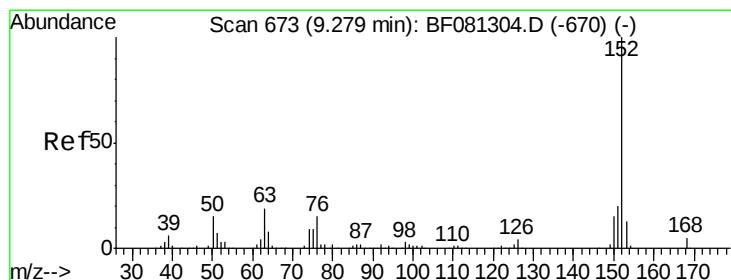
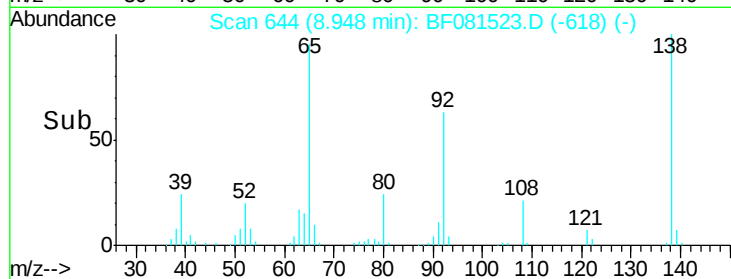
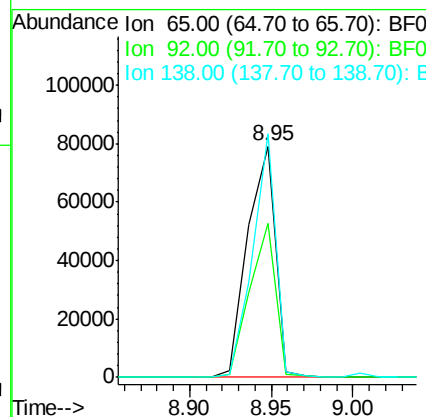
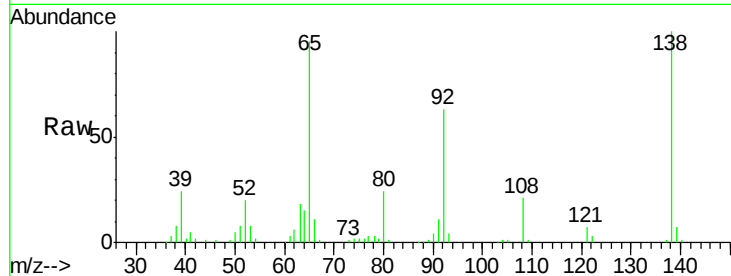
#47
2-Nitroaniline
Concen: 37.04 ng
RT: 8.95 min Scan# 644
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB85437BSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.8	55.4	83.0
138	105.3	115.5	173.3#

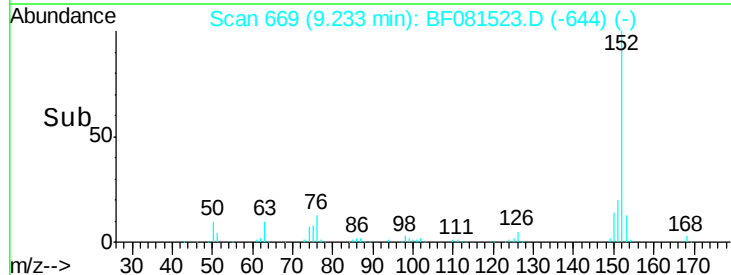
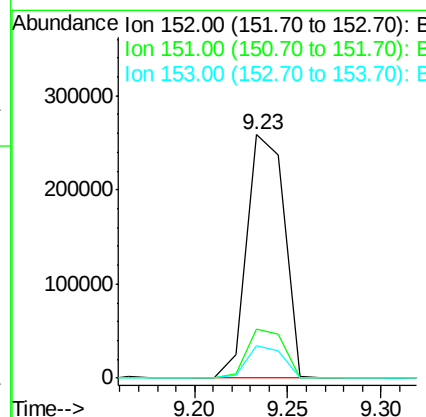
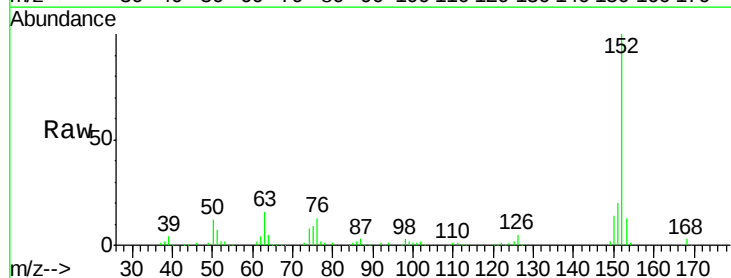
Manual Integrations
APPROVED

MMDadoda
9/9/2015 2:57:41 PM



#48
Acenaphthylene
Concen: 32.70 ng
RT: 9.23 min Scan# 669
Delta R.T. -0.01 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	14.6	22.0
153	13.2	10.3	15.5





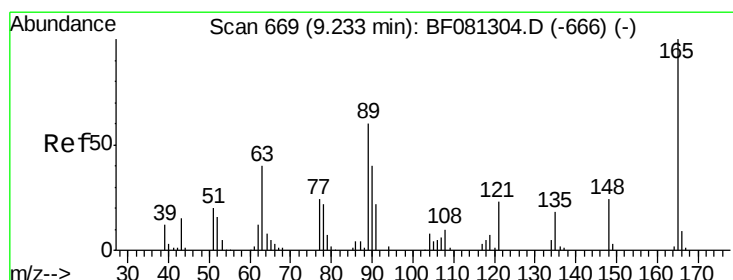
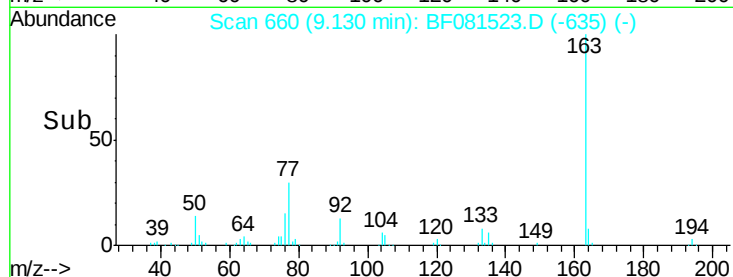
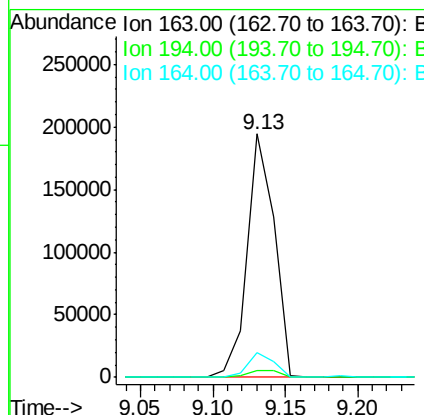
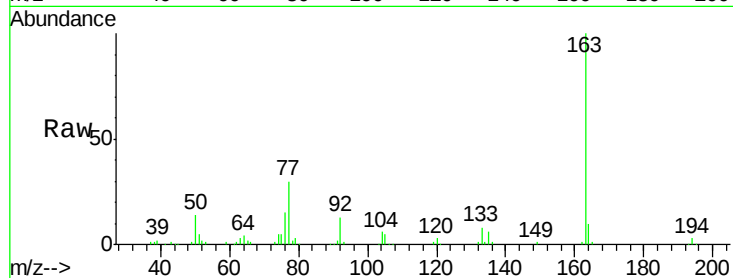
#49
Dimethylphthalate
Concen: 34.75 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB85437BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.0	4.4	6.6#
164	10.3	8.3	12.5

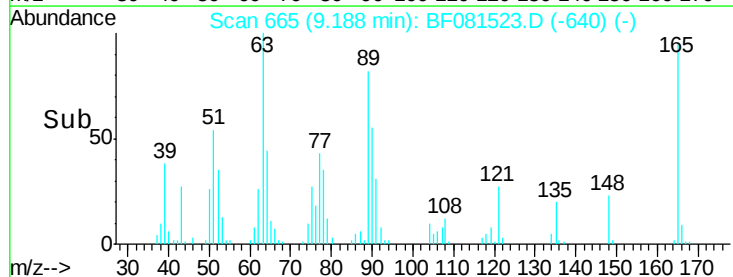
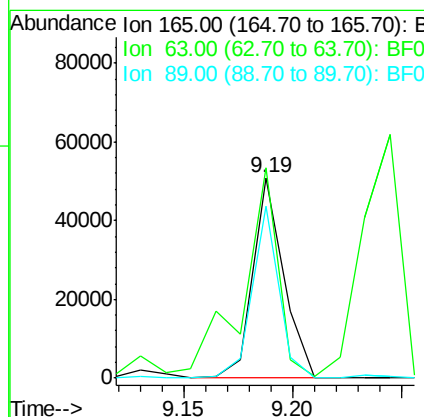
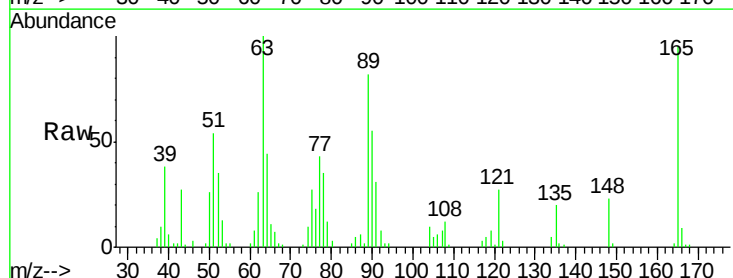
Manual Integrations
APPROVED

MMDadoda
9/9/2015 2:57:41 PM



#50
2,6-Dinitrotoluene
Concen: 30.49 ng
RT: 9.19 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	105.0	32.3	48.5#
89	86.1	28.6	43.0#





#51

Acenaphthene

Concen: 34.20 ng

RT: 9.42 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF081523.D

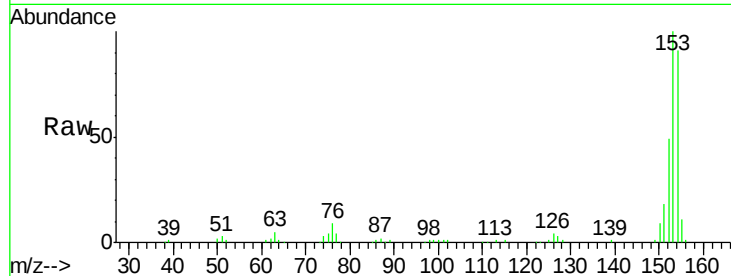
Acq: 8 Sep 2015 15:31

Instrument :

BNA_F

ClientSampleId :

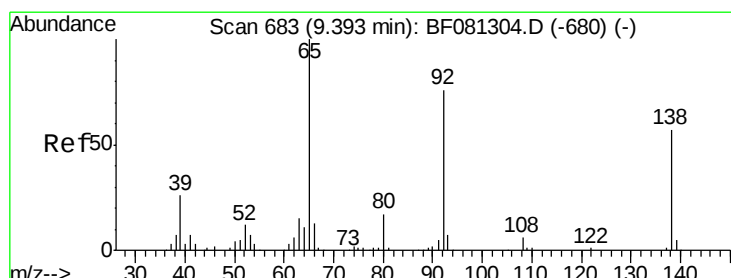
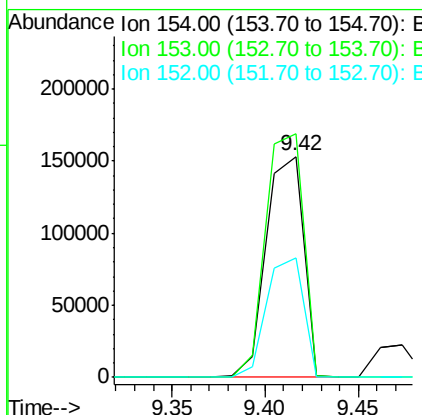
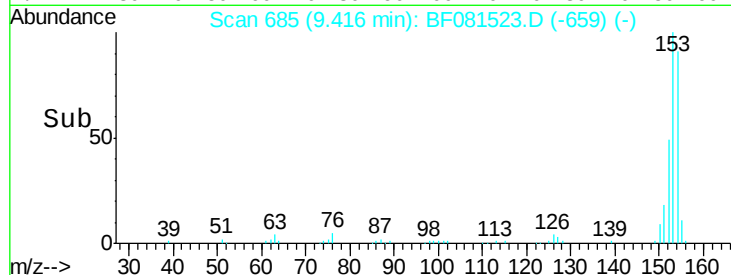
PB85437BSD



Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	110.2	82.1	123.1	
152	53.8	37.9	56.9	

Manual Integrations
APPROVED

MMDadoda
9/9/2015 2:57:41 PM



#52

3-Nitroaniline

Concen: 20.32 ng

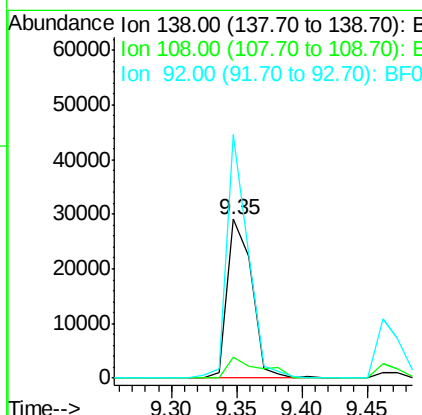
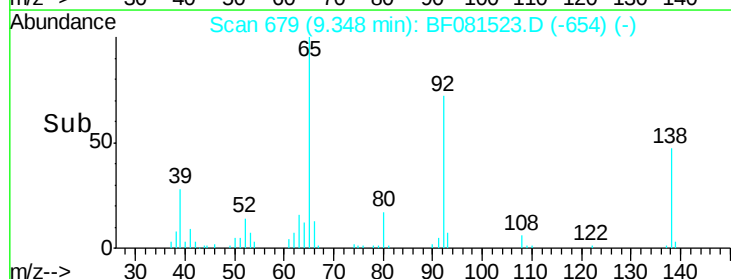
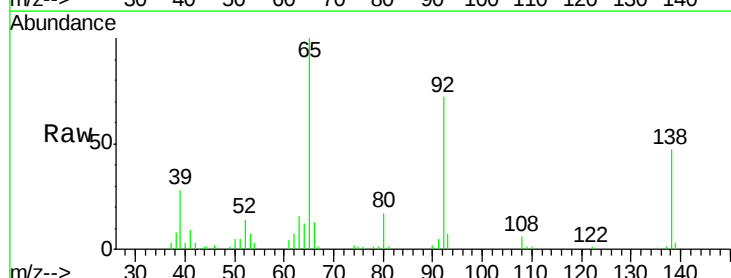
RT: 9.35 min Scan# 679

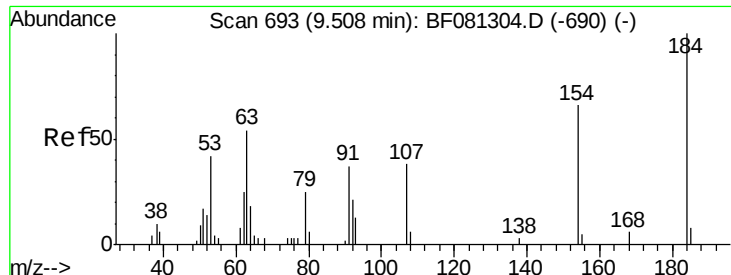
Delta R.T. -0.01 min

Lab File: BF081523.D

Acq: 8 Sep 2015 15:31

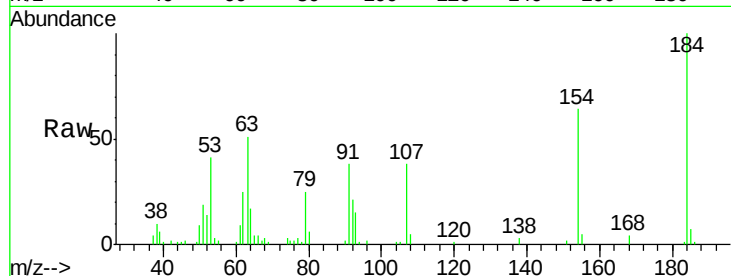
Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
108	13.2	5.7	8.5#	
92	153.2	67.7	101.5#	





#53
2,4-Dinitrophenol
Concen: 73.73 ng
RT: 9.47 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

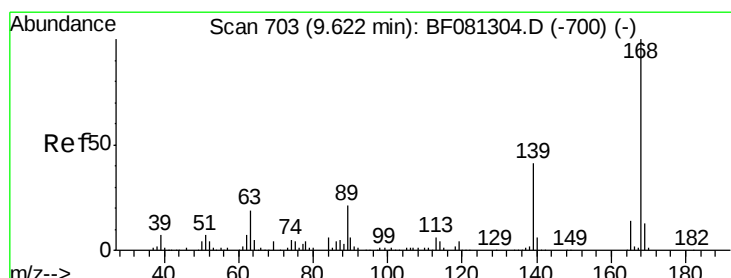
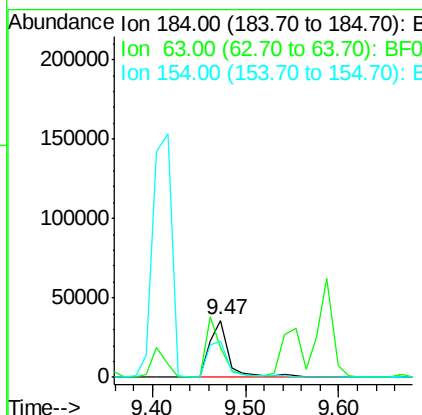
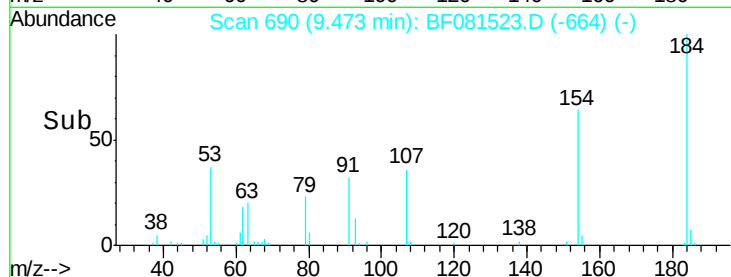
Instrument :
BNA_F
ClientSampleId :
PB85437BSD



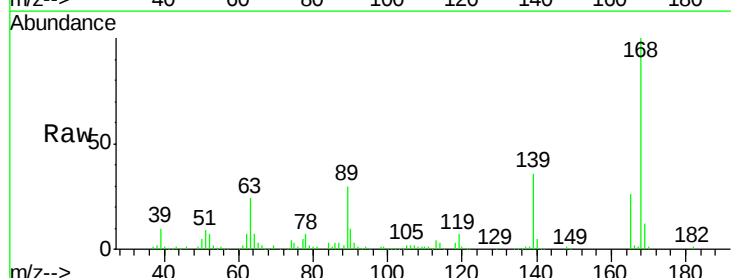
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	50935		
63	51.3	35.4	53.2	
154	63.6	32.2	48.4	

Manual Integrations
APPROVED

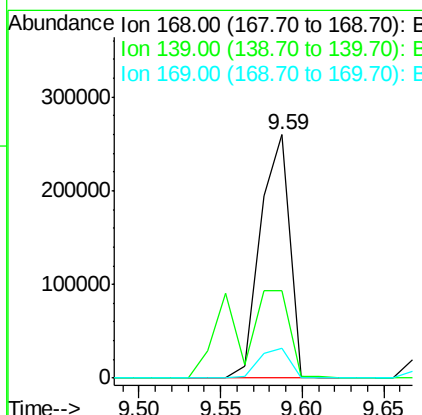
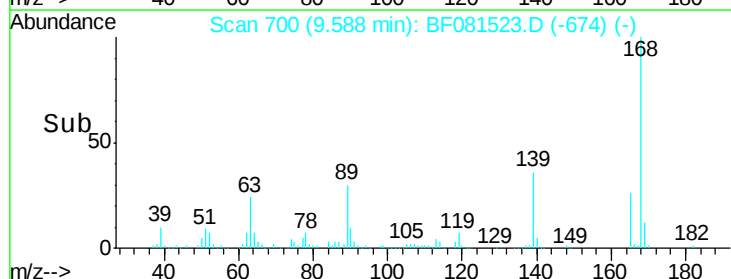
MMDadoda
9/9/2015 2:57:41 PM



#54
Dibenzofuran
Concen: 35.41 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31



Tgt Ion	Ratio	Resp	Lower	Upper
168	100	322447		
139	35.8	24.2	36.2	
169	12.4	10.6	15.8	





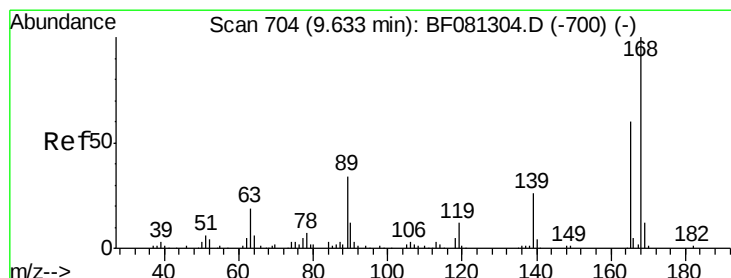
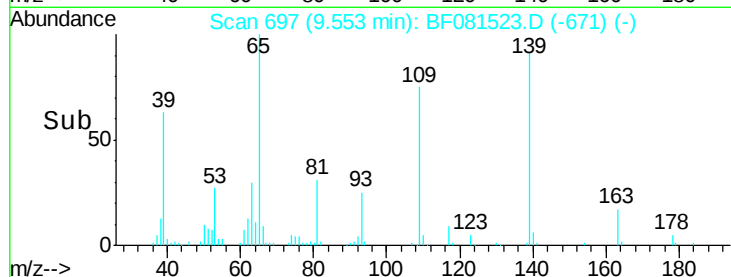
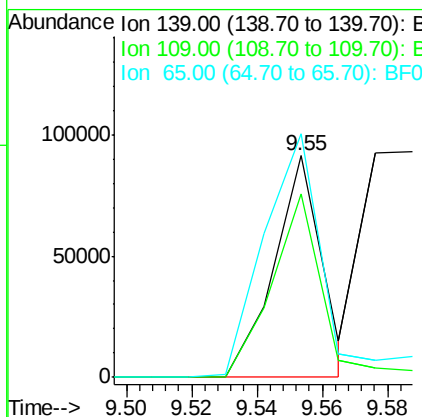
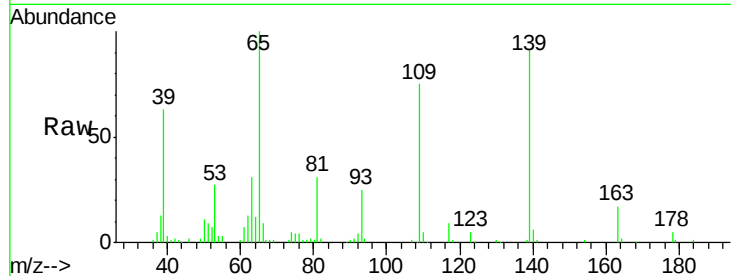
#55
4-Nitrophenol
Concen: 78.93 ng
RT: 9.55 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB85437BSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	92595		
109	83.0	12.7	52.7#	
65	110.0	45.9	85.9#	

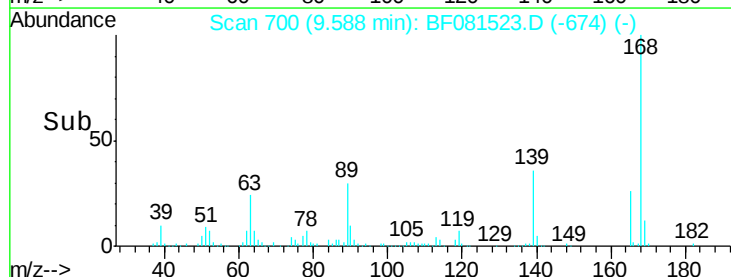
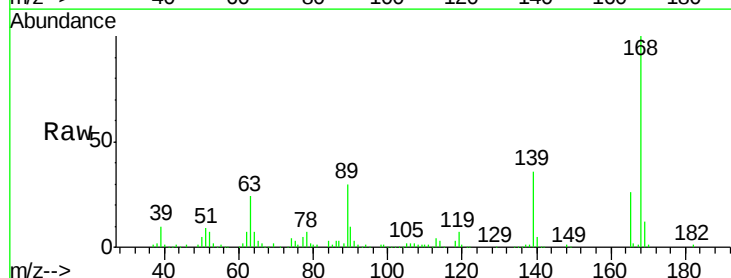
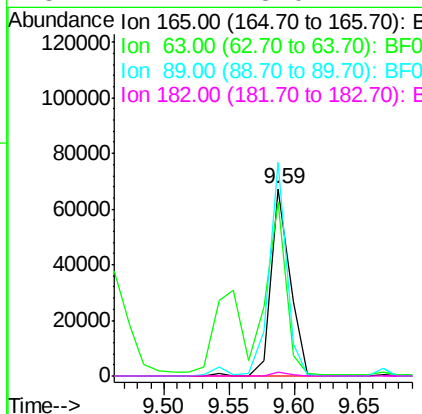
Manual Integrations
APPROVED

MMDadoda
9/9/2015 2:57:41 PM



#56
2,4-Dinitrotoluene
Concen: 33.08 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	69087		
63	92.8	29.8	44.6#	
89	114.2	44.5	66.7#	
182	2.1	3.0	4.4#	





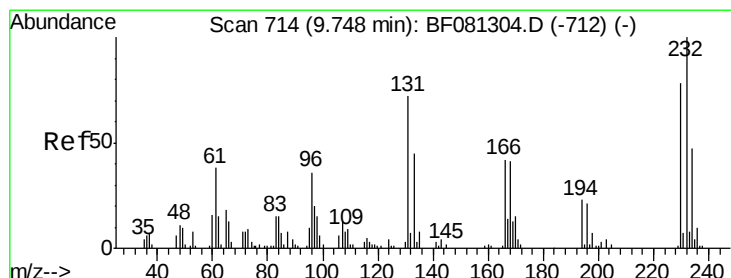
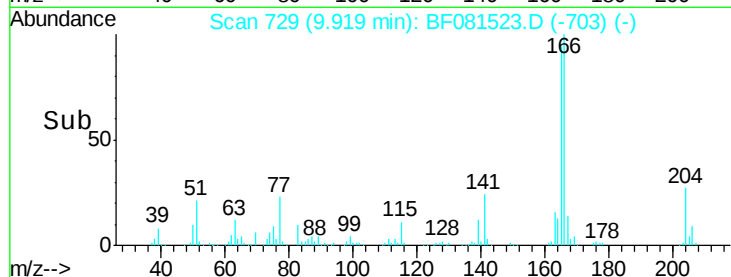
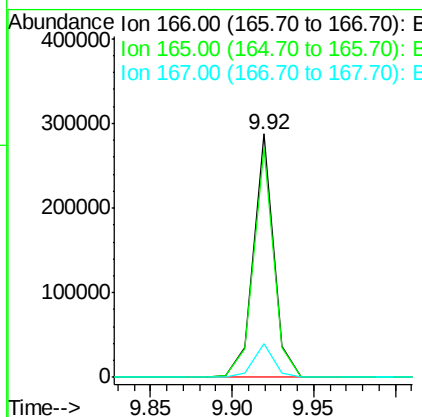
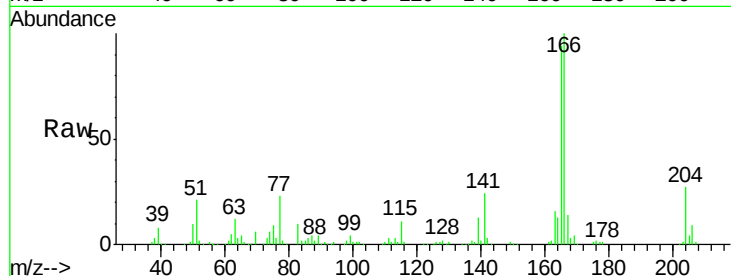
#57
 Fluorene
 Concen: 35.87 ng
 RT: 9.92 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85437BSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	247933		
165	94.2	72.6	109.0	
167	13.8	10.6	16.0	

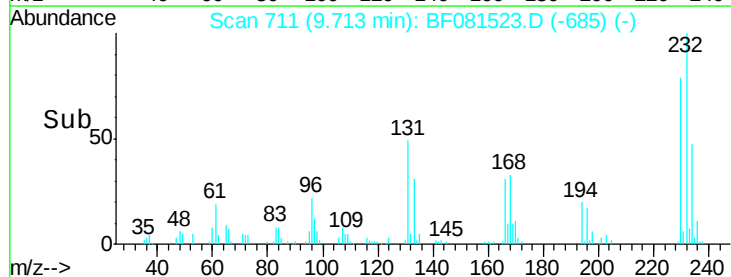
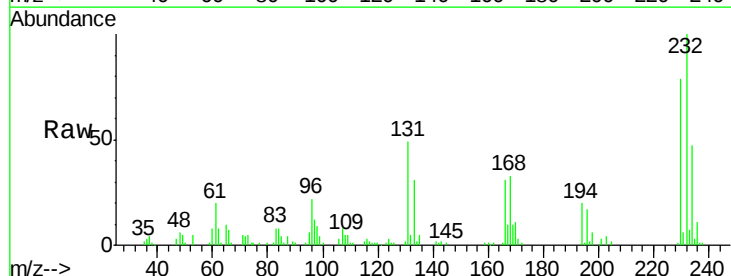
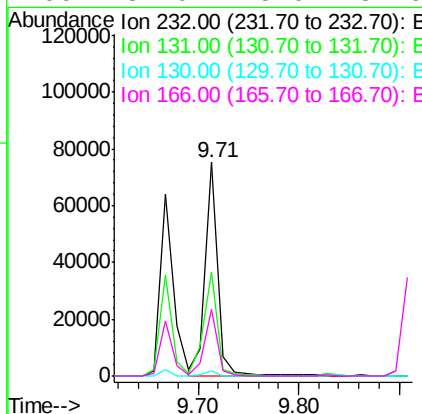
Manual Integrations
 APPROVED

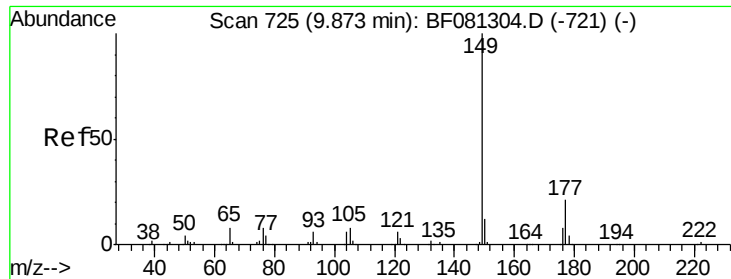
MMDadoda
 9/9/2015 2:57:41 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.83 ng
 RT: 9.71 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	66142		
131	52.9	38.5	57.7	
130	2.3	1.8	2.6	
166	31.0	25.0	37.6	





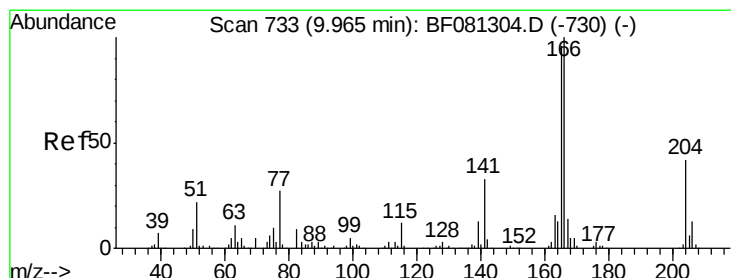
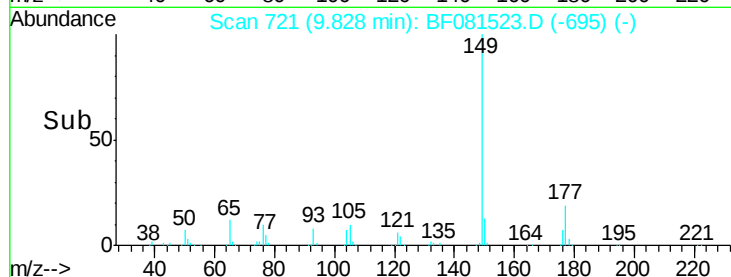
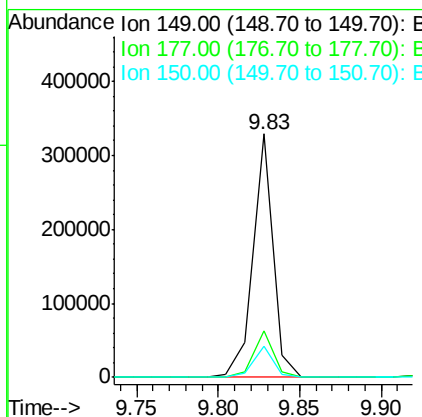
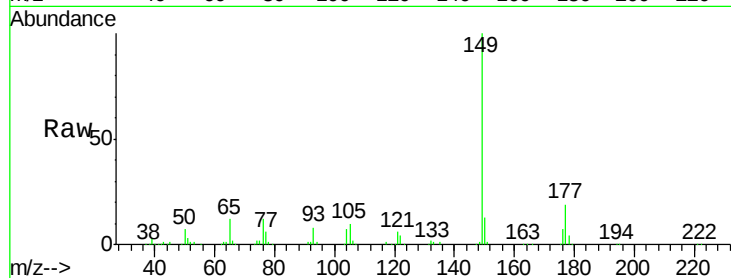
#59
Diethylphthalate
Concen: 37.02 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB85437BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	19.2	17.5	26.3
150	12.7	9.4	14.2

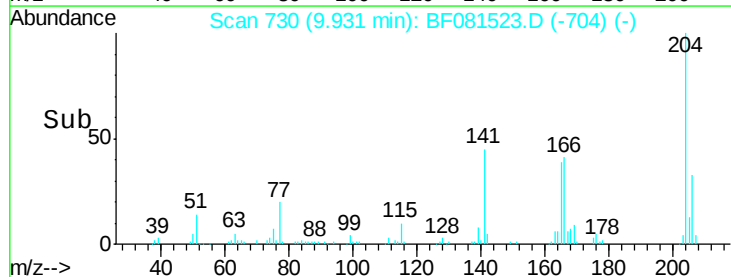
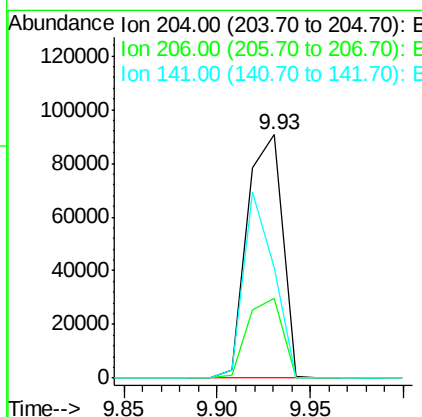
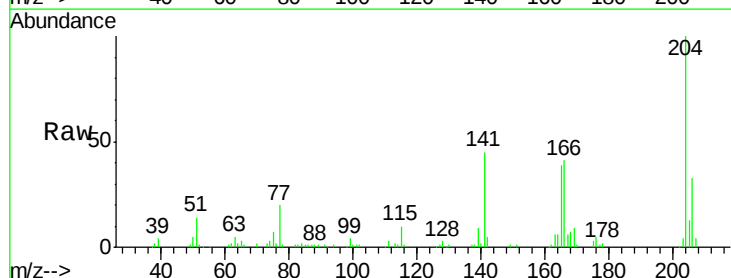
Manual Integrations
APPROVED

MMDadoda
9/9/2015 2:57:41 PM



#60
4-Chlorophenyl-phenylether
Concen: 36.75 ng
RT: 9.93 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	32.9	24.8	37.2
141	45.2	42.2	63.4





#61

4-Nitroaniline

Concen: 34.90 ng

RT: 9.96 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF081523.D

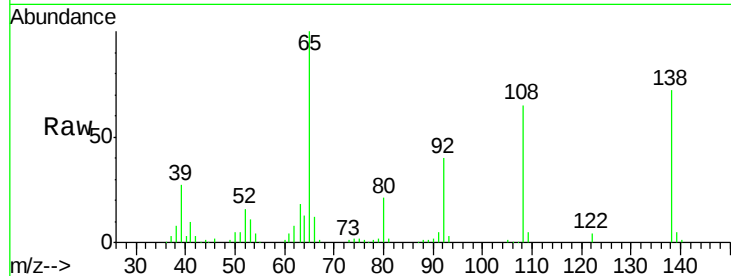
Acq: 8 Sep 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB85437BSD



Tgt Ion:138 Resp: 65833

Ion Ratio Lower Upper

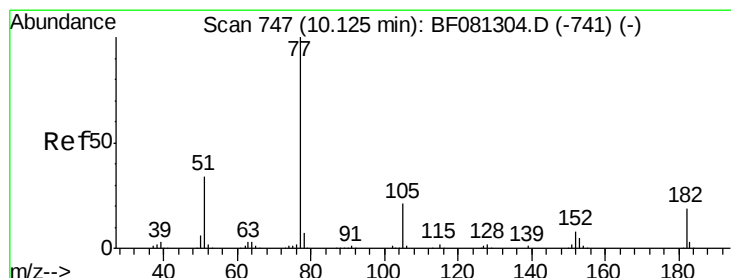
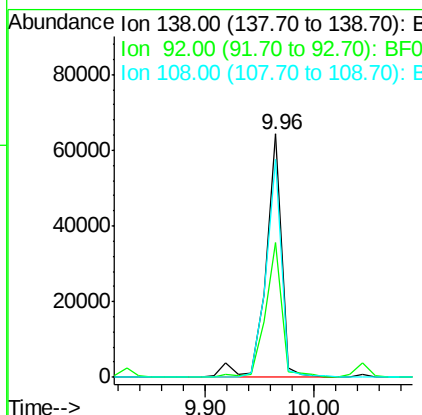
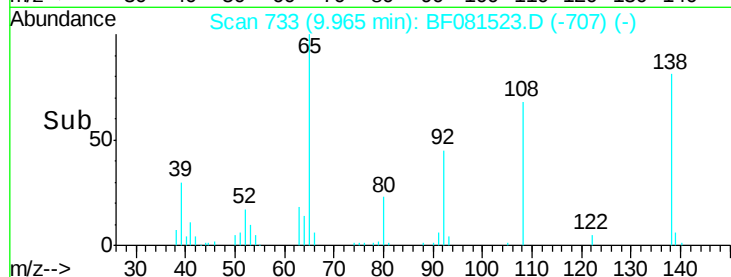
138 100

92 55.5 12.6 52.6#

108 89.6 12.4 52.4#

Manual Integrations
APPROVED

MMDadoda
9/9/2015 2:57:41 PM



#62

Azobenzene

Concen: 36.94 ng

RT: 10.08 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF081523.D

Acq: 8 Sep 2015 15:31

Tgt Ion: 77 Resp: 312195

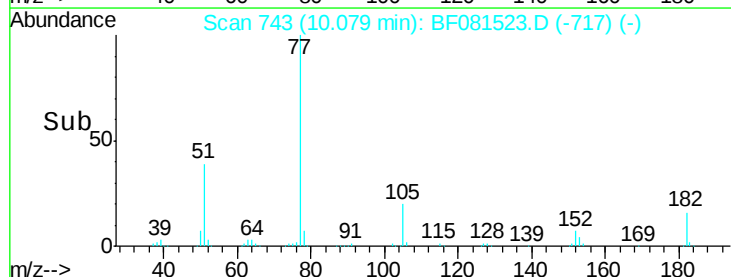
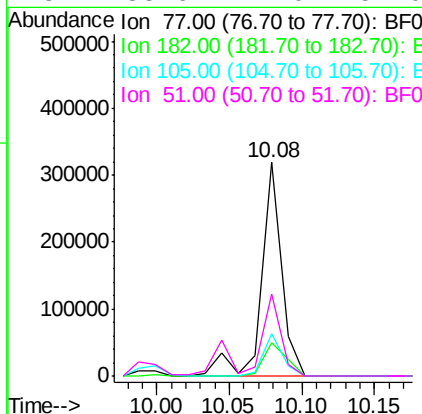
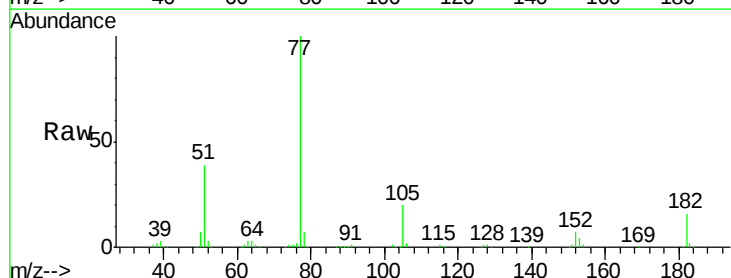
Ion Ratio Lower Upper

77 100

182 15.6 15.1 55.1

105 19.5 3.4 43.4

51 38.6 12.0 52.0





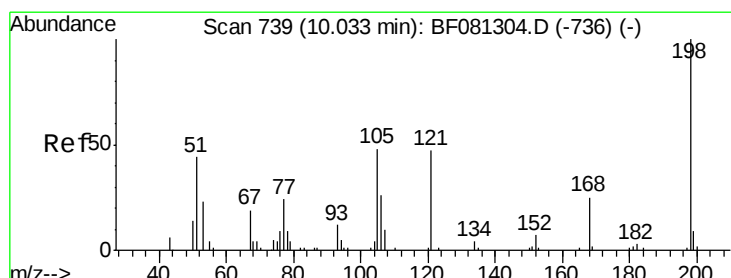
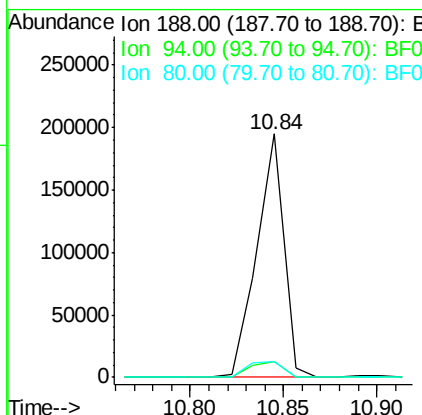
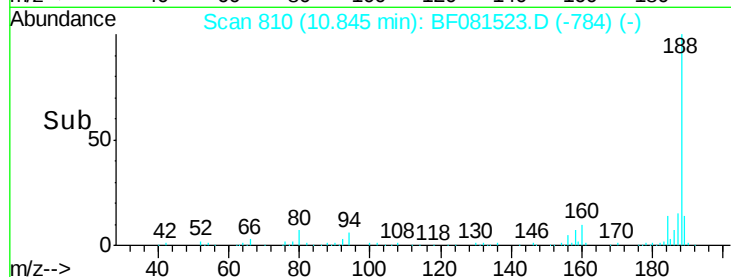
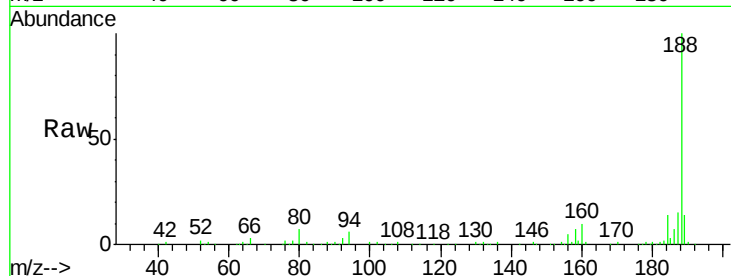
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85437BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.4	11.1	16.7#
80	6.5	11.0	16.4#

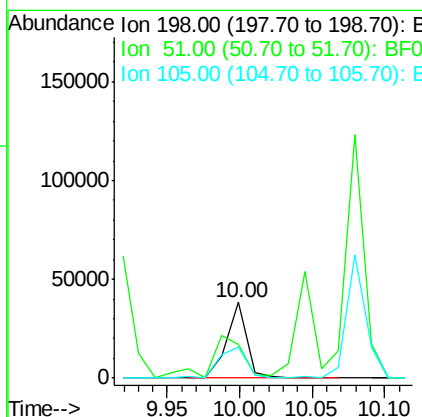
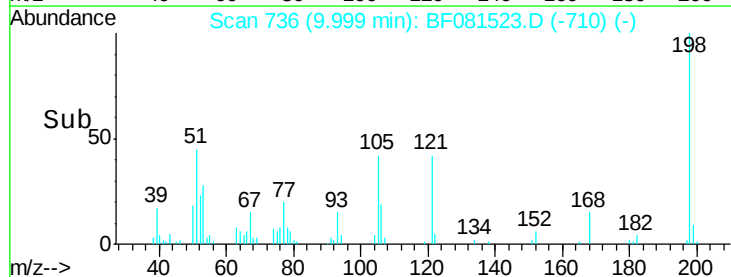
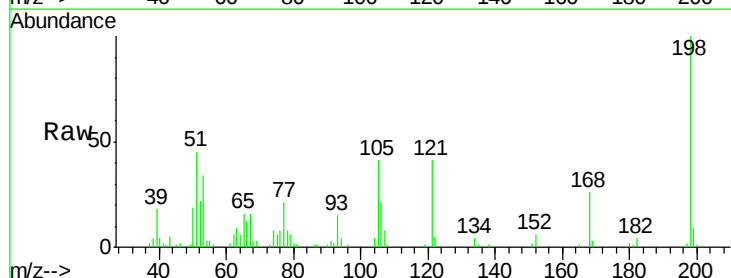
Manual Integrations
 APPROVED

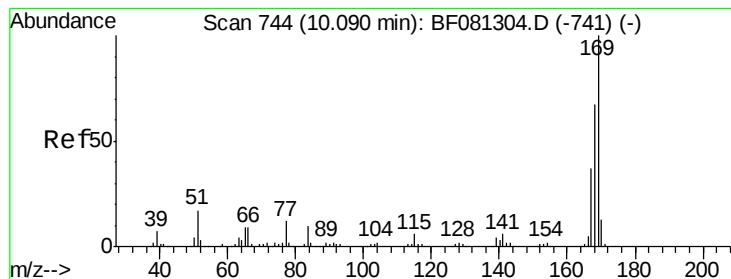
MMDadoda
 9/9/2015 2:57:41 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 33.91 ng
 RT: 10.00 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	44.5	39.6	79.6
105	41.2	28.5	68.5





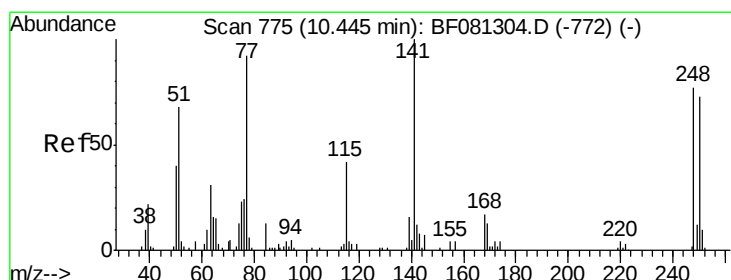
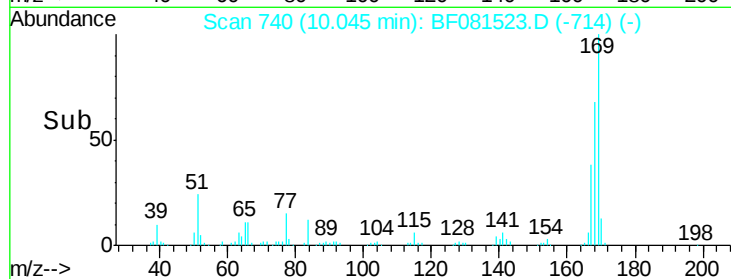
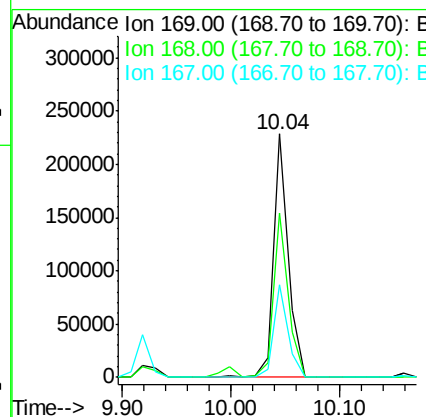
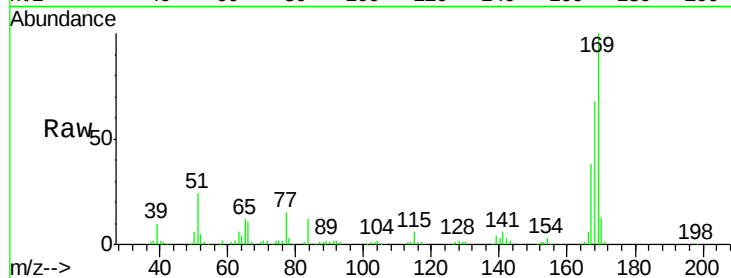
#65
 n-Nitrosodiphenylamine
 Concen: 30.35 ng
 RT: 10.04 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85437BSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	215227		
168	67.7	48.9	73.3	
167	37.8	26.2	39.4	

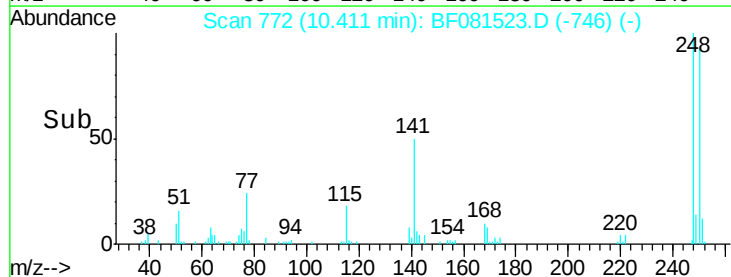
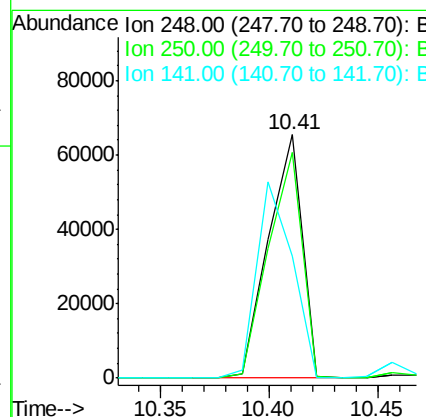
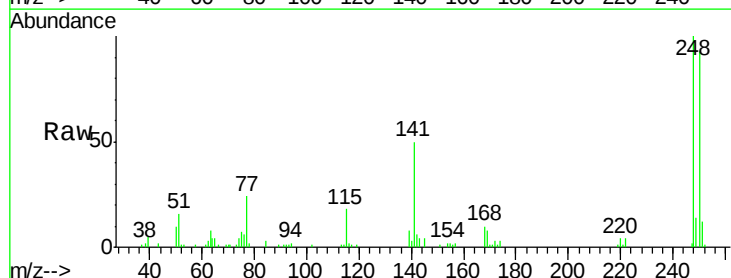
Manual Integrations
 APPROVED

MMDadoda
 9/9/2015 2:57:41 PM



#66
 4-Bromophenyl-phenylether
 Concen: 36.47 ng
 RT: 10.41 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	71857		
250	92.8	78.5	117.7	
141	50.1	59.0	88.6	





#67

Hexachlorobenzene

Concen: 33.79 ng

RT: 10.47 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF081523.D

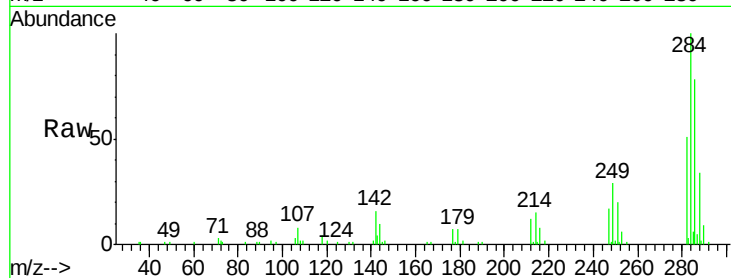
Acq: 8 Sep 2015 15:31

Instrument :

BNA_F

ClientSampleId :

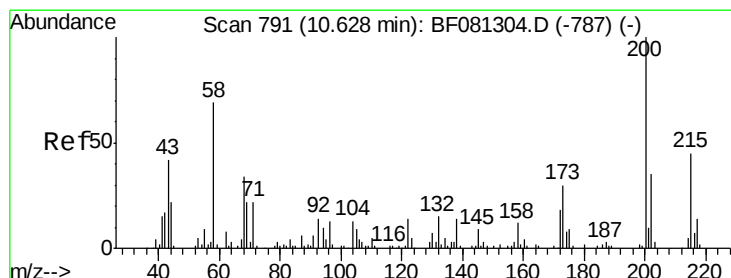
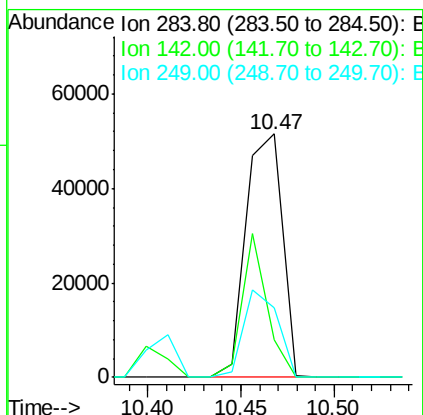
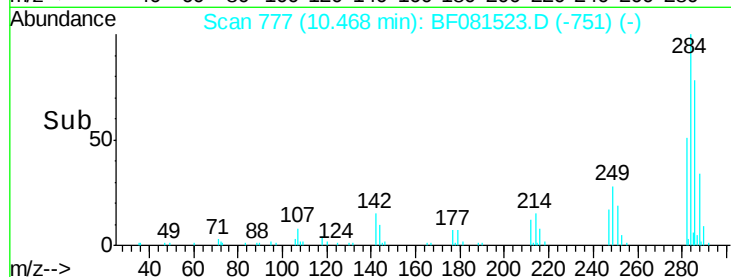
PB85437BSD



Tgt Ion:	284	Resp:	69619
Ion Ratio	Lower	Upper	
284	100		
142	15.6	29.5	44.3#
249	28.5	19.5	29.3

Manual Integrations
APPROVED

MMDadoda
9/9/2015 2:57:41 PM



#68

Atrazine

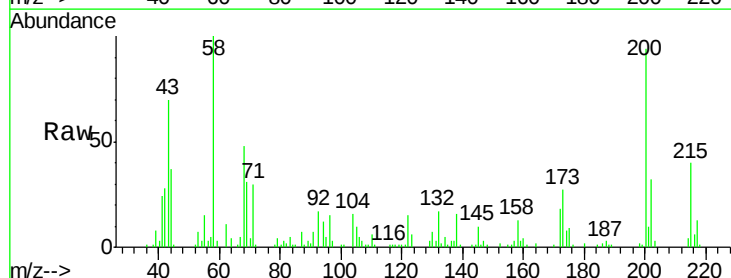
Concen: 33.00 ng

RT: 10.58 min Scan# 787

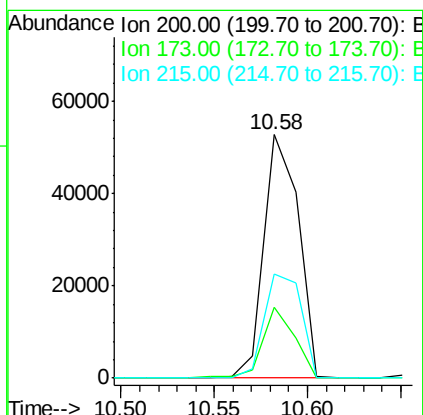
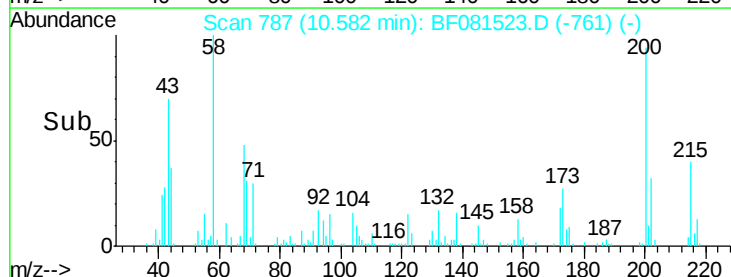
Delta R.T. 0.00 min

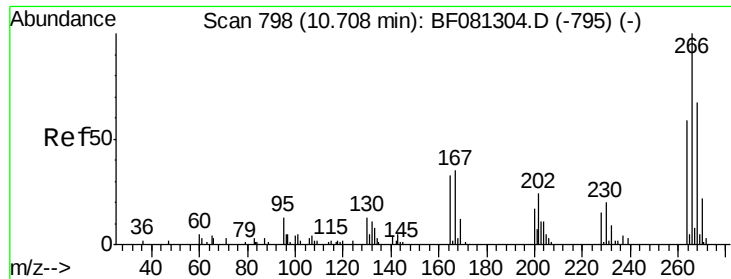
Lab File: BF081523.D

Acq: 8 Sep 2015 15:31



Tgt Ion:	200	Resp:	67718
Ion Ratio	Lower	Upper	
200	100		
173	29.0	13.2	53.2
215	42.8	41.8	81.8





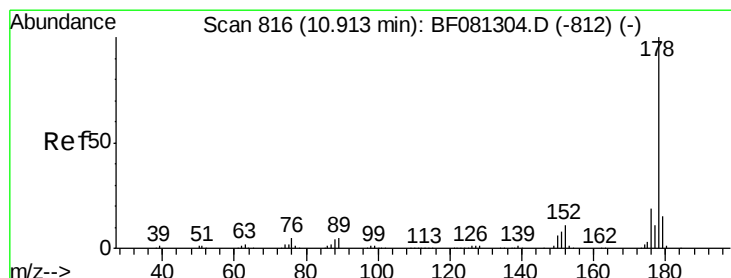
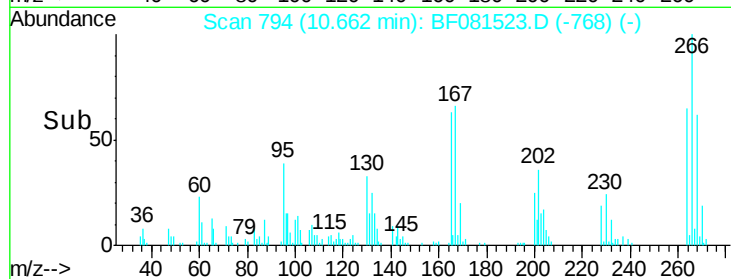
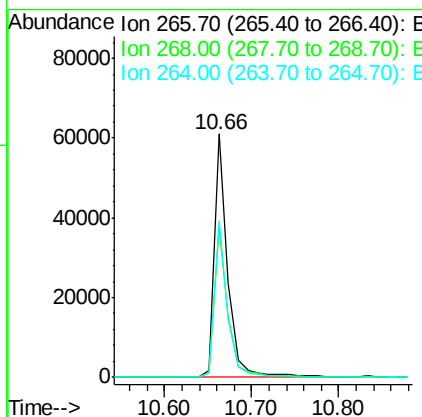
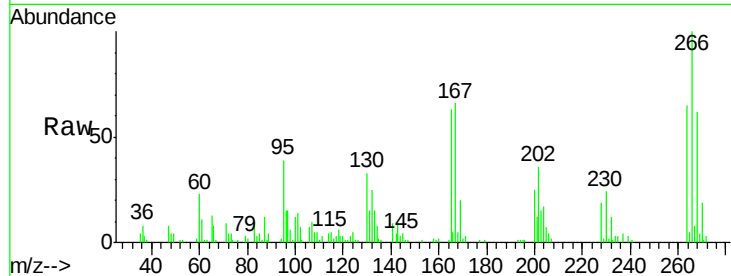
#69
 Pentachlorophenol
 Concen: 67.60 ng
 RT: 10.66 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85437BSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	66274		
268	61.7	49.8	74.6	
264	64.5	50.2	75.2	

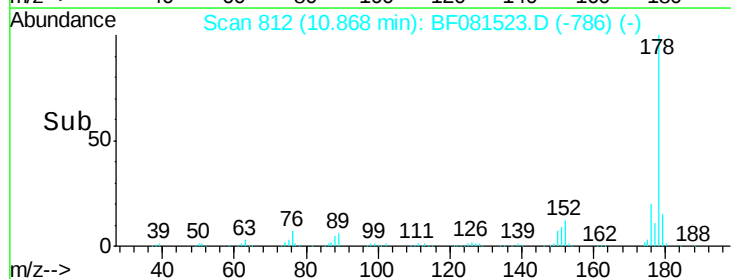
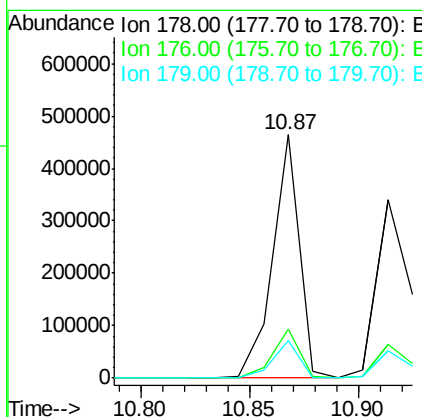
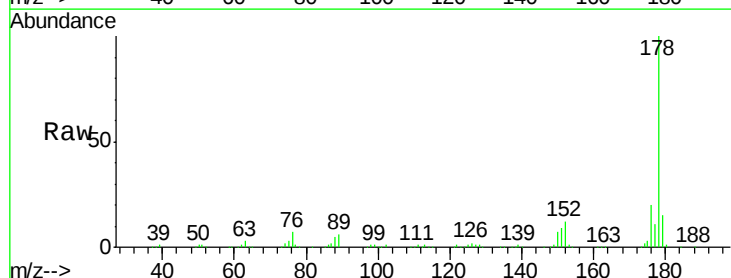
Manual Integrations
 APPROVED

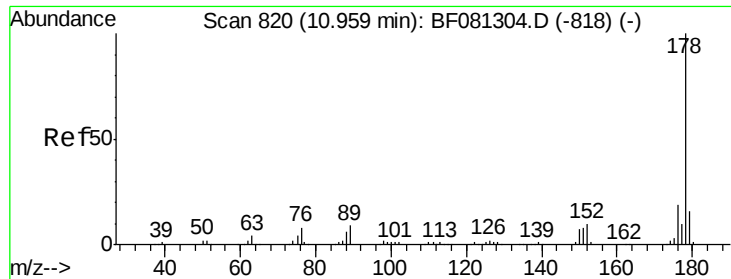
MMDadoda
 9/9/2015 2:57:41 PM



#70
 Phenanthrene
 Concen: 37.05 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	401398		
176	19.9	13.8	20.8	
179	15.5	12.2	18.2	





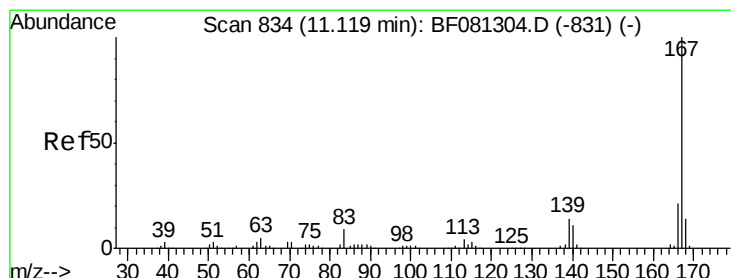
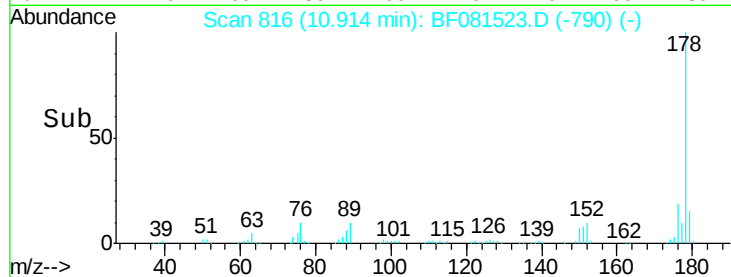
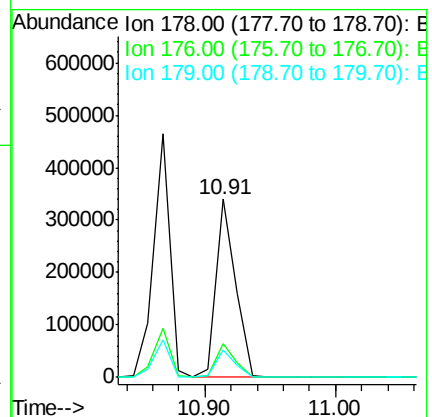
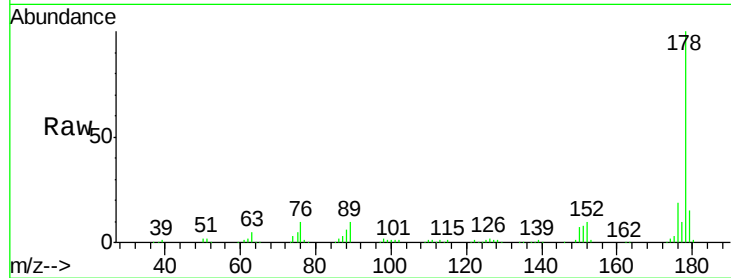
#71
 Anthracene
 Concen: 32.06 ng
 RT: 10.91 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85437BSD

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	356799		
176	18.6	14.1	21.1	
179	15.5	12.2	18.2	

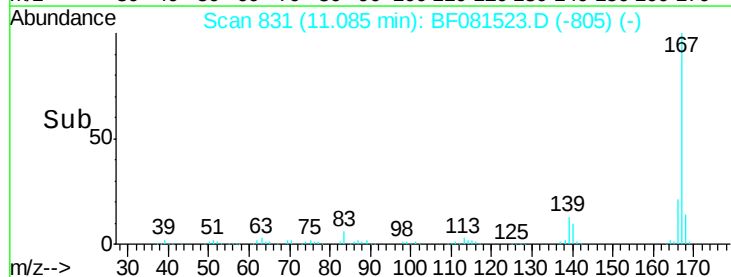
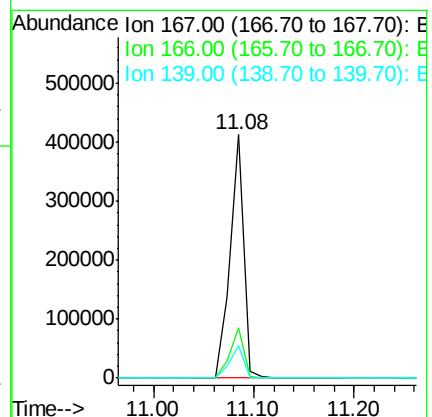
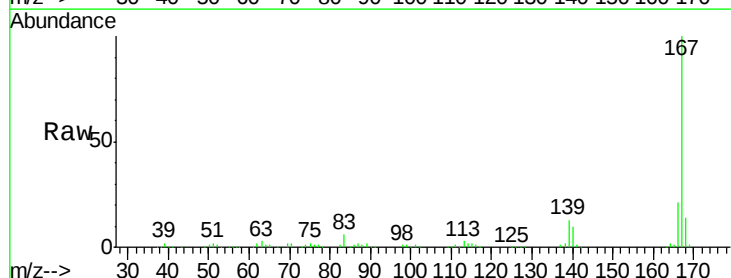
Manual Integrations
 APPROVED

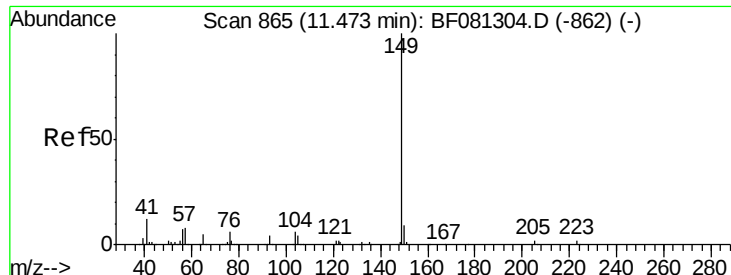
MMDadoda
 9/9/2015 2:57:41 PM



#72
 Carbazole
 Concen: 37.35 ng
 RT: 11.08 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	390125		
166	20.9	15.7	23.5	
139	13.2	9.5	14.3	





#73

Di-n-butylphthalate

Concen: 39.66 ng

RT: 11.44 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF081523.D

Acq: 8 Sep 2015 15:31

Instrument :

BNA_F

ClientSampleId :

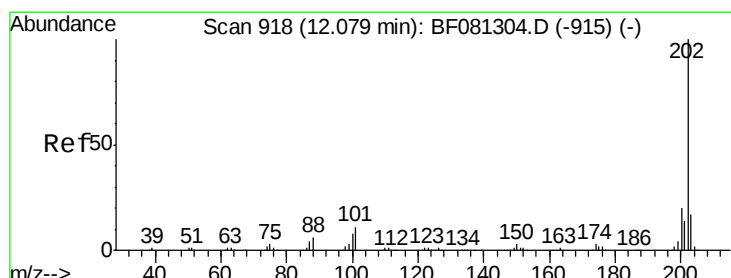
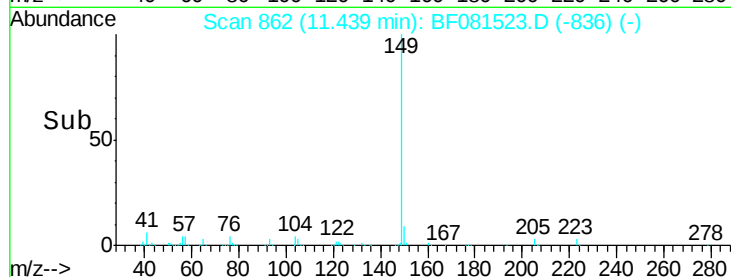
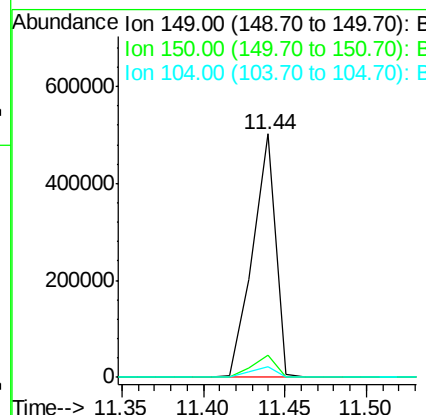
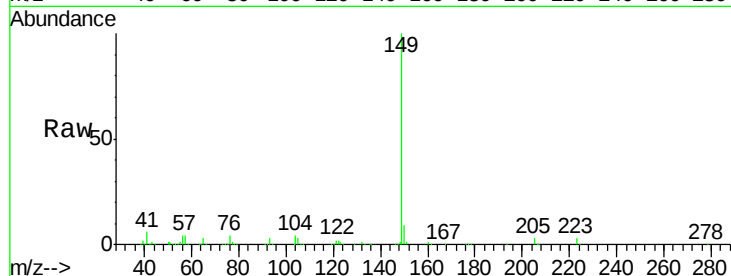
PB85437BSD

Manual Integrations
APPROVED

MMDadoda

9/9/2015 2:57:41 PM

Tgt Ion:	149	Resp:	489127
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.4	11.2
104	4.3	2.4	3.6#



#74

Fluoranthene

Concen: 33.02 ng

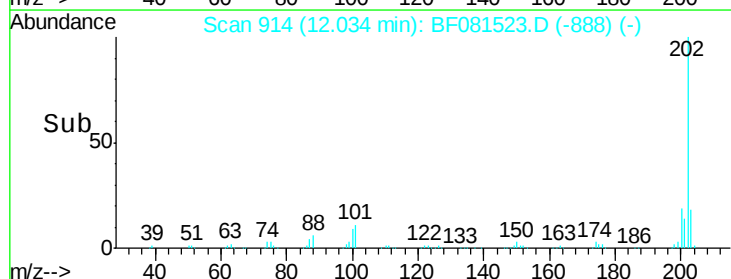
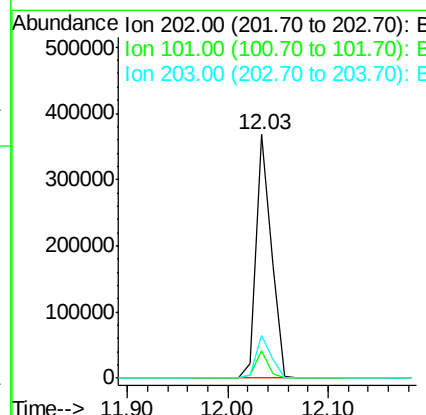
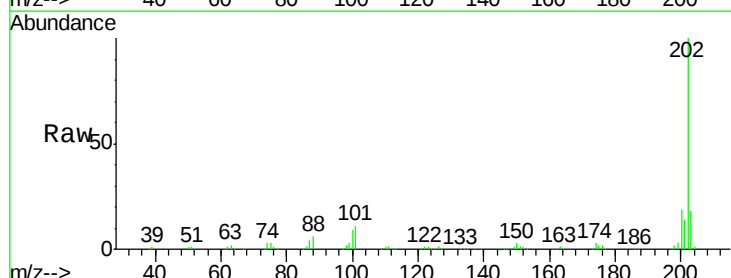
RT: 12.03 min Scan# 914

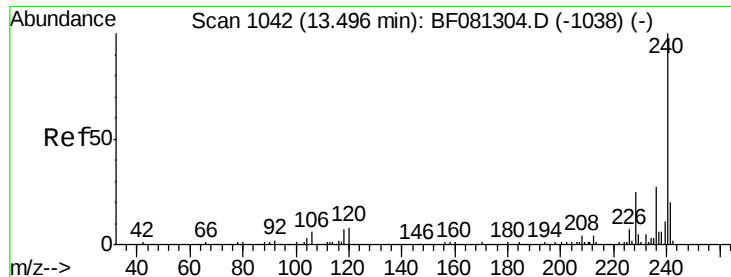
Delta R.T. 0.00 min

Lab File: BF081523.D

Acq: 8 Sep 2015 15:31

Tgt Ion:	202	Resp:	387303
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	38.3
203	17.6	0.0	37.3





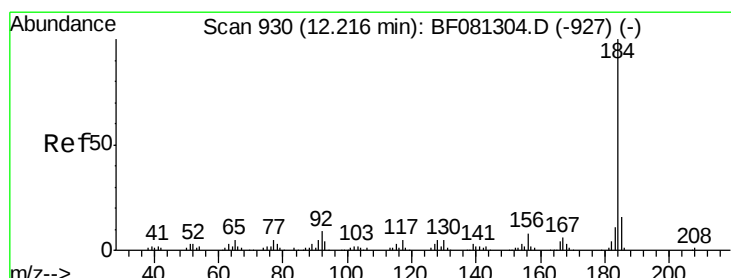
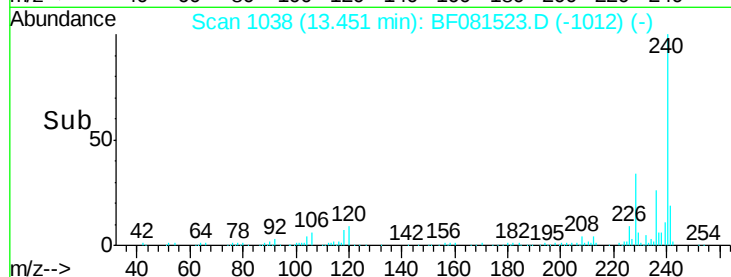
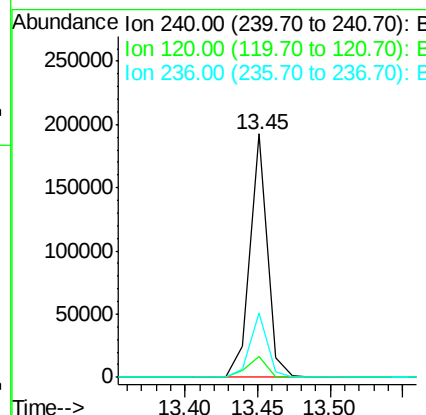
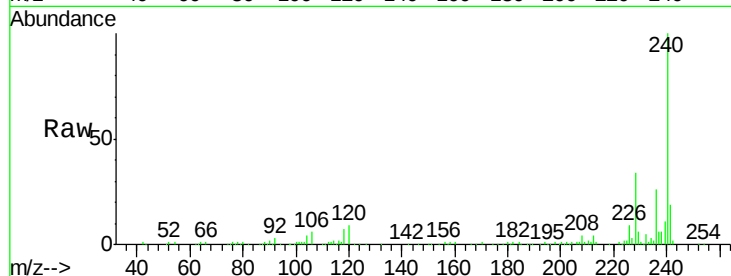
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.45 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB85437BSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	161303		
120	8.6	16.2	24.2#	
236	26.5	18.4	27.6	

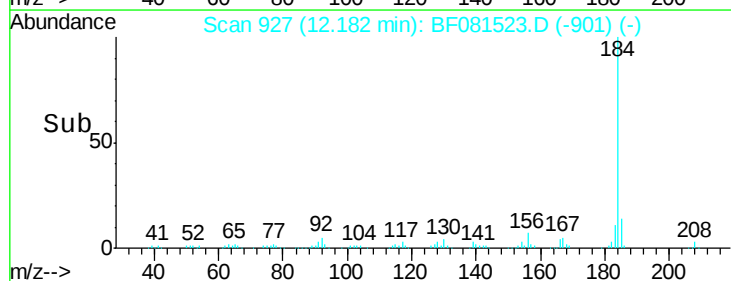
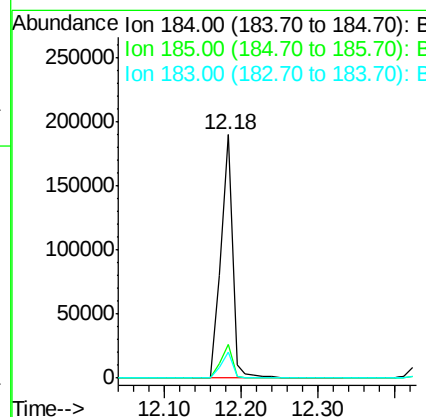
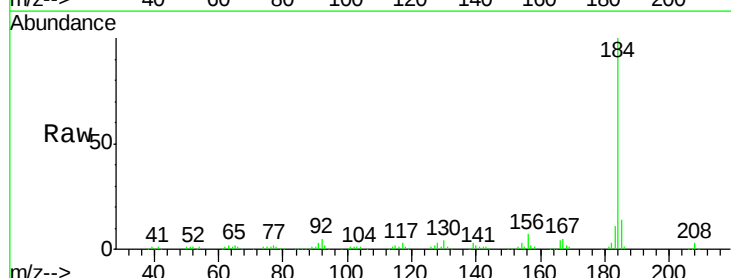
Manual Integrations
APPROVED

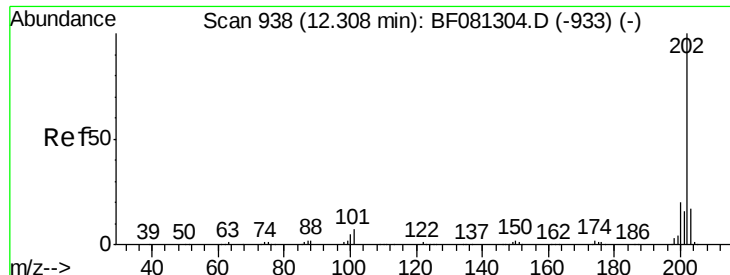
MMDadoda
9/9/2015 2:57:41 PM



#76
Benzidine
Concen: 28.83 ng
RT: 12.18 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	199645		
185	13.8	11.8	17.6	
183	10.8	7.6	11.4	





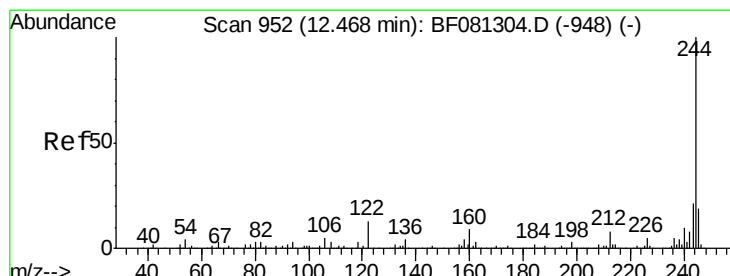
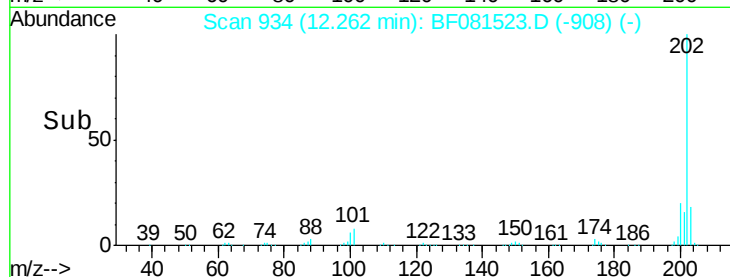
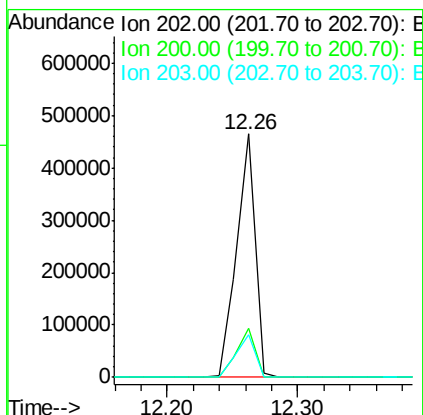
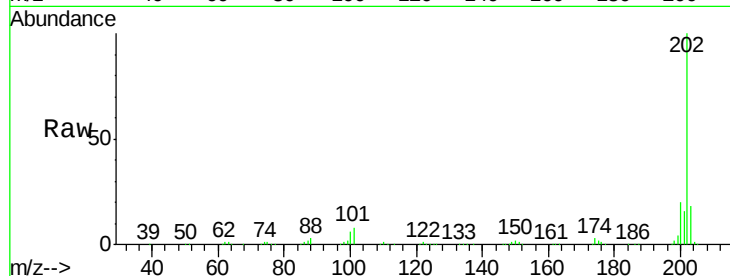
#77
 Pyrene
 Concen: 38.23 ng
 RT: 12.26 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85437BSD

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	20.3	15.0	22.4
203	17.8	14.1	21.1

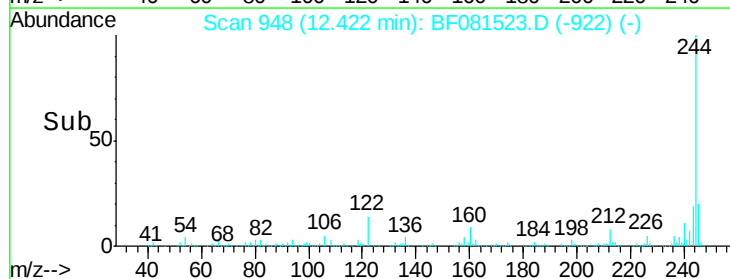
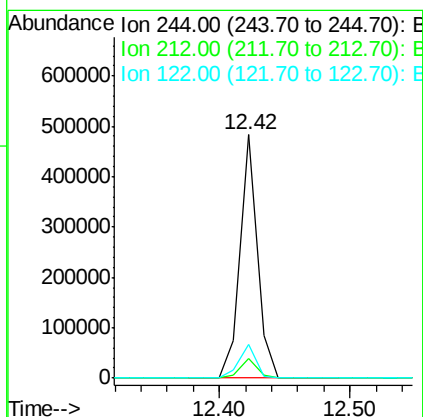
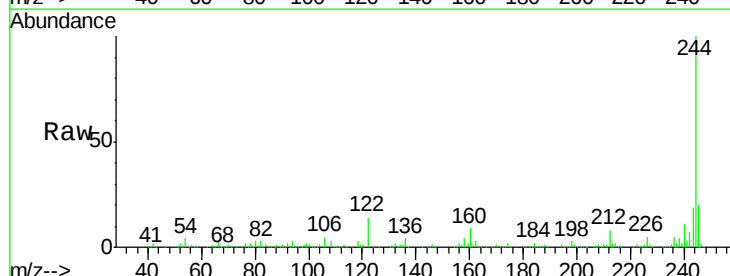
Manual Integrations
 APPROVED

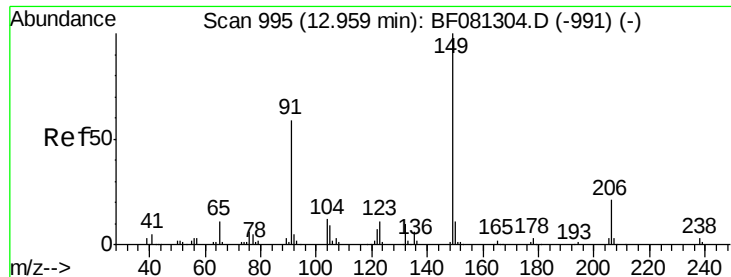
MMDadoda
 9/9/2015 2:57:41 PM



#78
 Terphenyl-d14
 Concen: 63.76 ng
 RT: 12.42 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.1	4.3	6.5#
122	13.8	17.4	26.2#





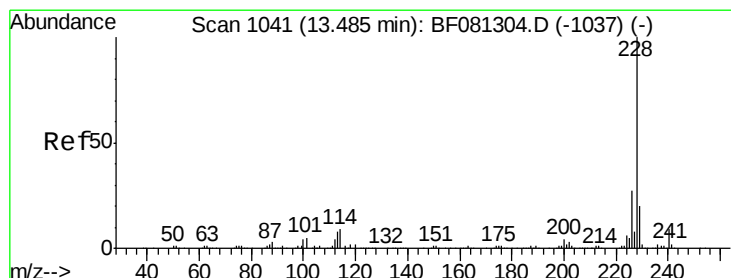
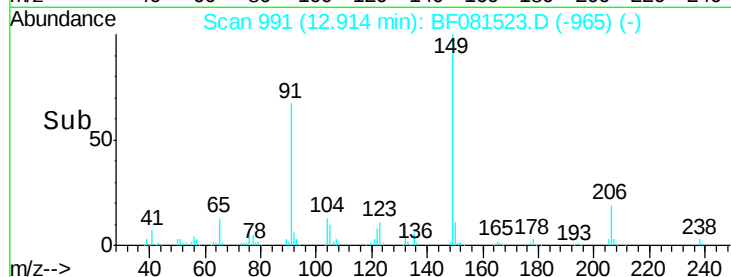
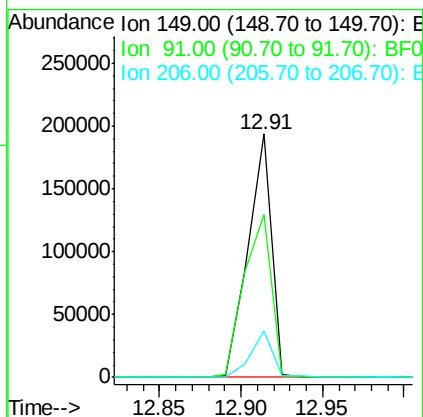
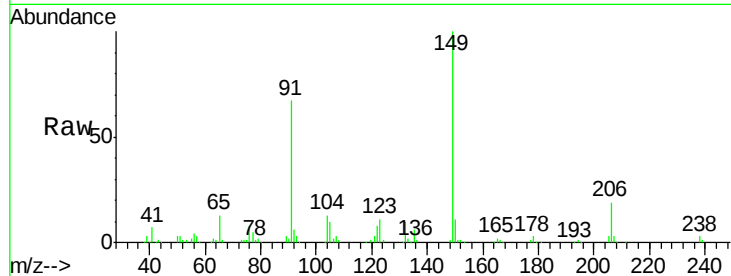
#79
Butylbenzylphthalate
Concen: 37.38 ng
RT: 12.91 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB85437BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	194243		
91	67.0	48.6	72.8	
206	18.9	14.9	22.3	

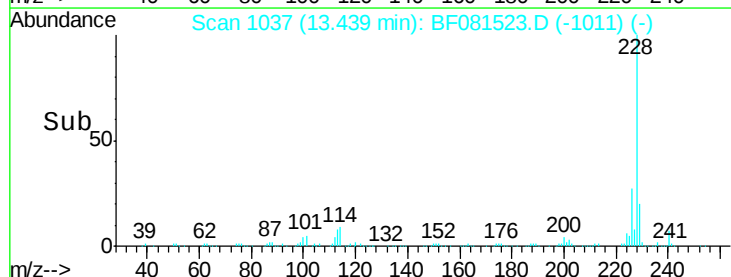
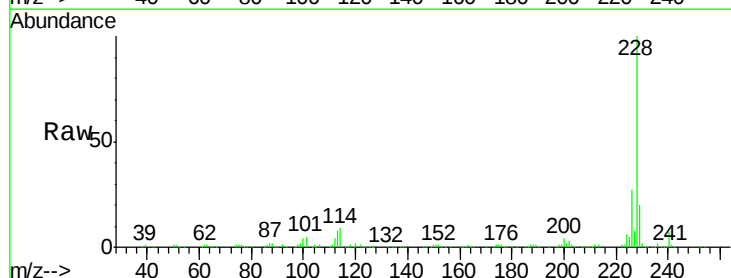
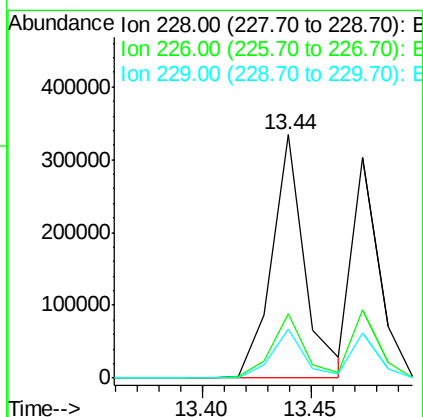
Manual Integrations
APPROVED

MMDadoda
9/9/2015 2:57:41 PM



#80
Benzo(a)anthracene
Concen: 34.48 ng
RT: 13.44 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	354146		
226	26.6	20.0	30.0	
229	20.0	15.4	23.2	





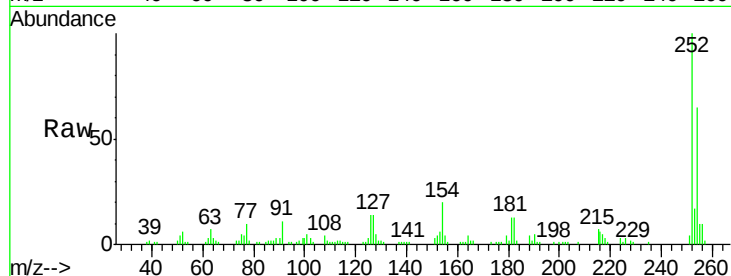
#81
 3,3'-Dichlorobenzidine
 Concen: 16.27 ng
 RT: 13.42 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85437BSD

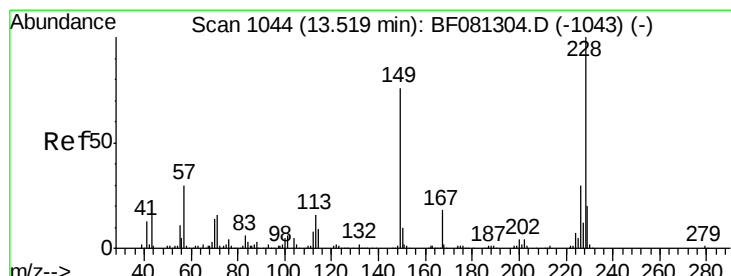
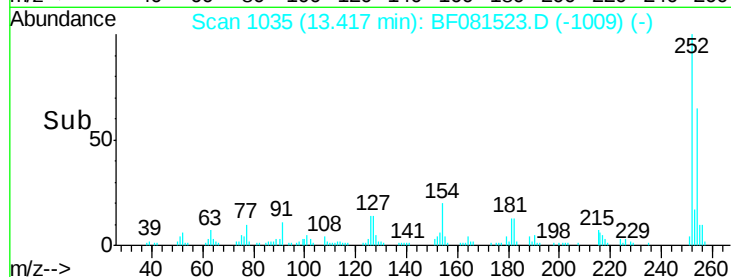
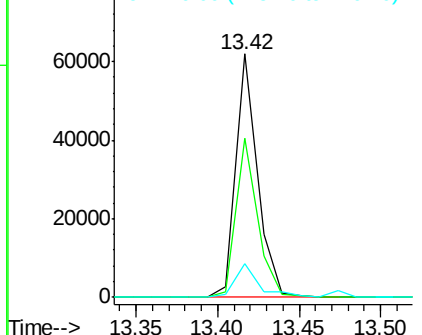
Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.1	51.4	77.2
126	13.7	16.4	24.6

Manual Integrations
 APPROVED

MMDadoda
 9/9/2015 2:57:41 PM

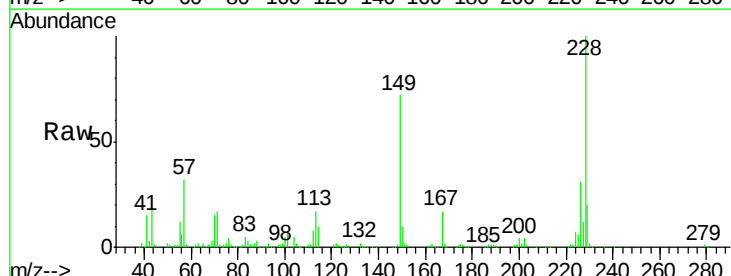


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

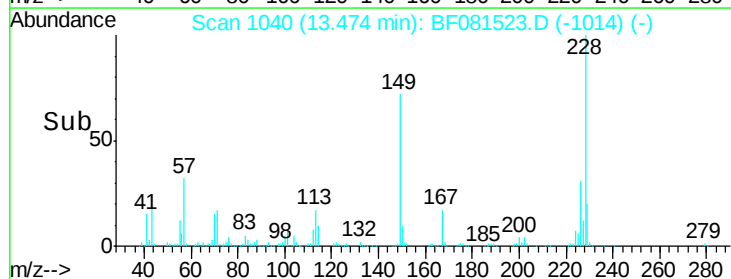
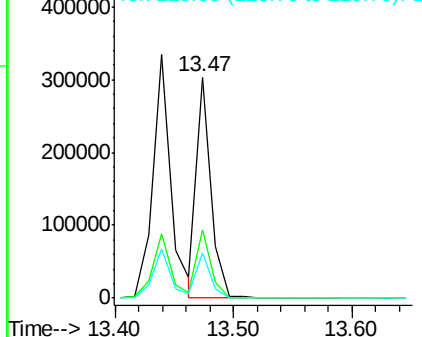


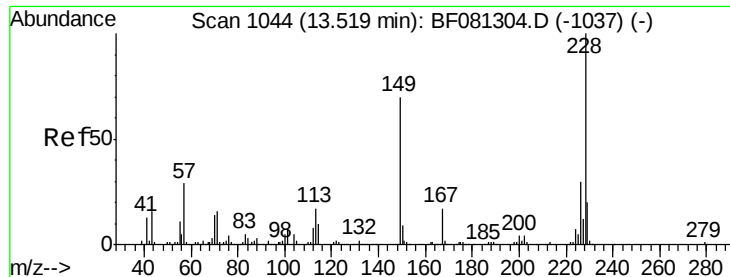
#82
 Chrysene
 Concen: 28.51 ng
 RT: 13.47 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.7	21.0	31.4
229	20.4	15.6	23.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.25 ng

RT: 13.47 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF081523.D

Acq: 8 Sep 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB85437BSD

Tgt Ion:149 Resp: 228030
Ion Ratio Lower Upper

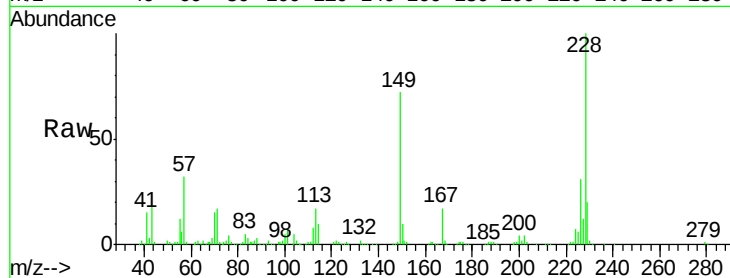
149 100

167 24.1 24.2 36.2#

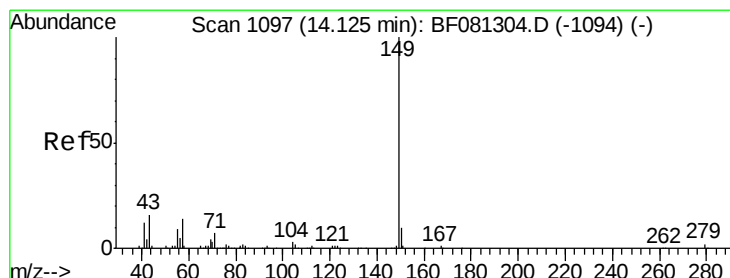
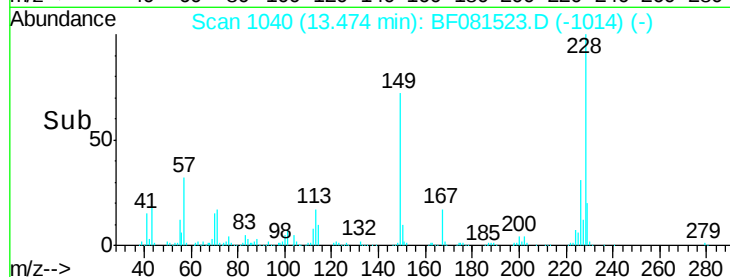
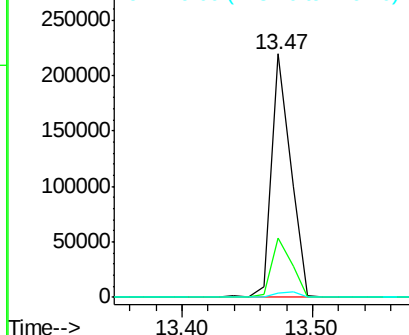
279 1.6 3.8 5.6#

Manual Integrations
APPROVED

MMDadoda
9/9/2015 2:57:41 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: 30.03 ng

RT: 14.08 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BF081523.D

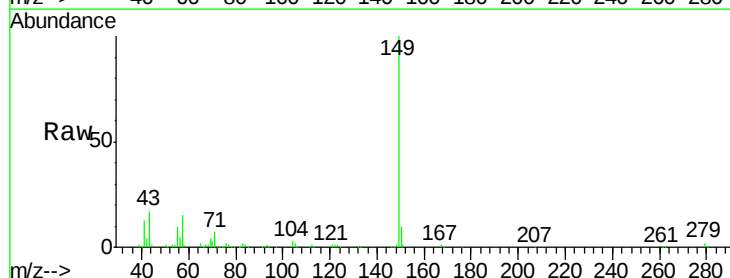
Acq: 8 Sep 2015 15:31

Tgt Ion:149 Resp: 339048
Ion Ratio Lower Upper

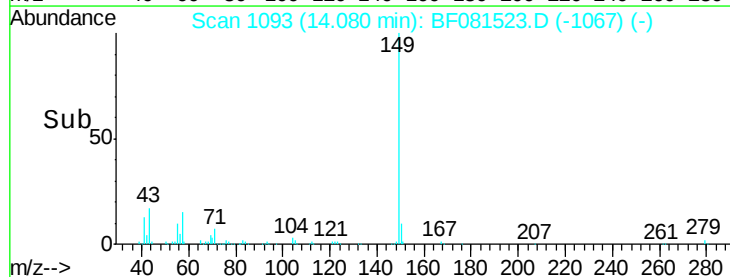
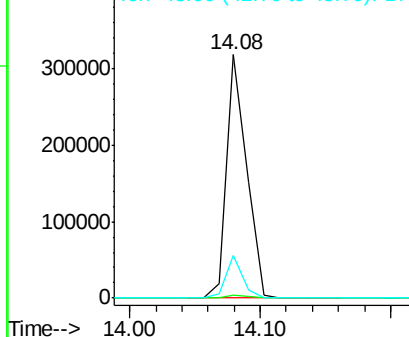
149 100

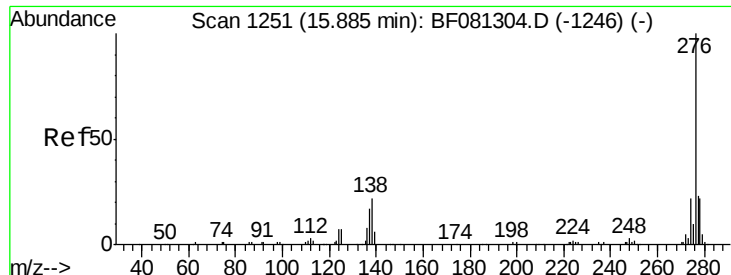
167 1.4 1.0 1.6

43 15.4 10.2 15.2#



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





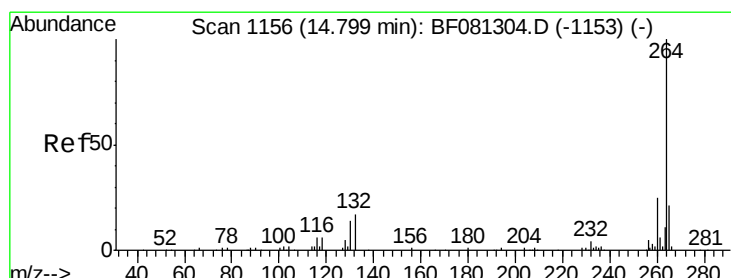
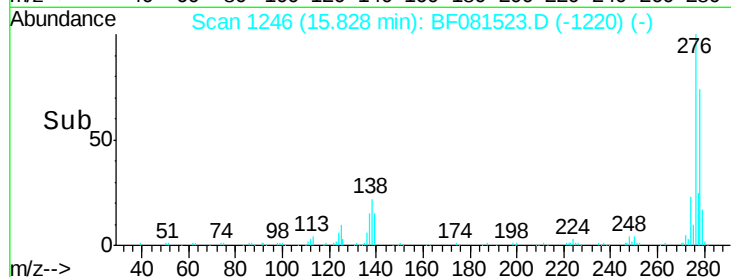
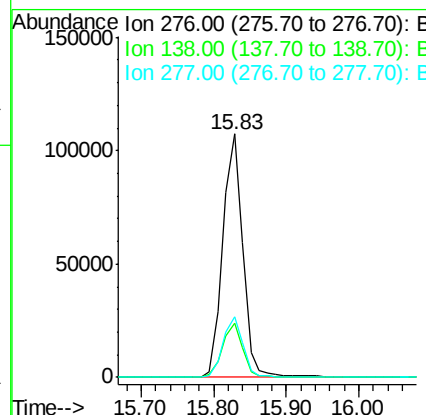
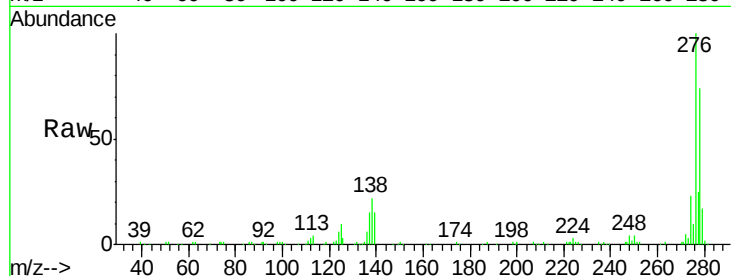
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.67 ng
 RT: 15.83 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85437BSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	207204		
138	22.2	25.7	38.5#	
277	24.7	15.6	23.4#	

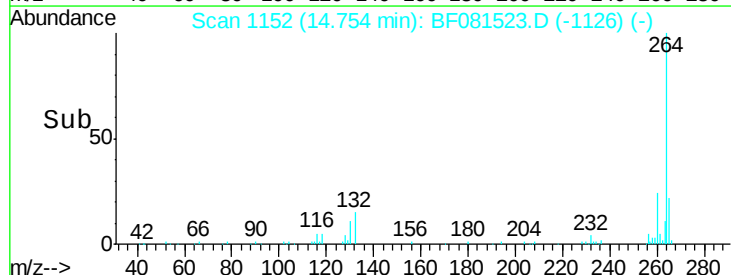
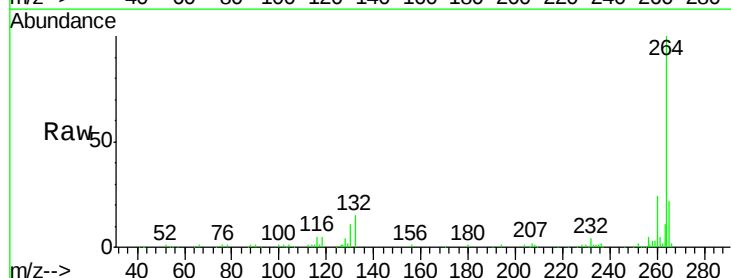
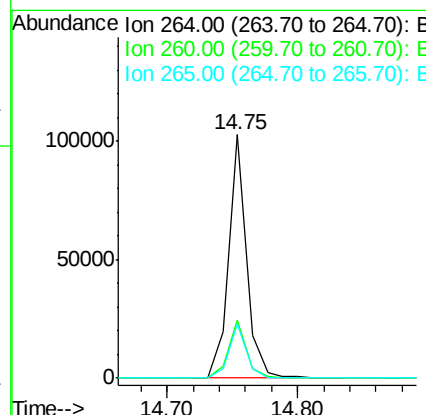
Manual Integrations
 APPROVED

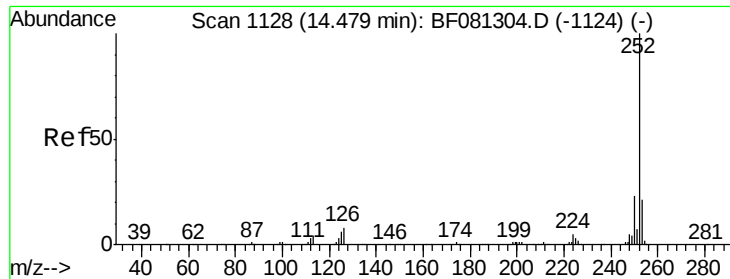
MMDadoda
 9/9/2015 2:57:41 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	99166		
260	23.6	16.7	25.1	
265	22.0	17.2	25.8	





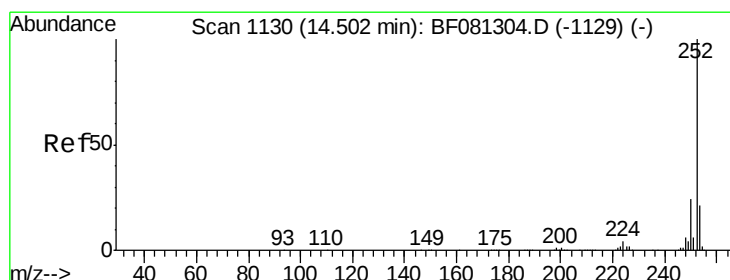
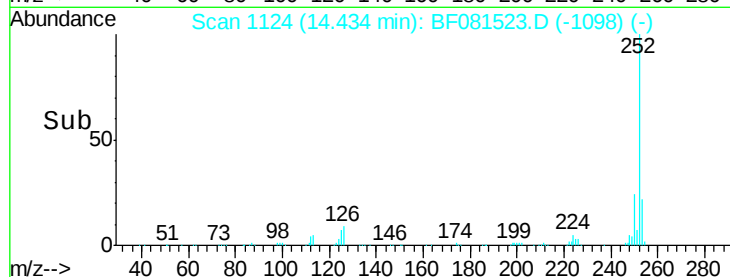
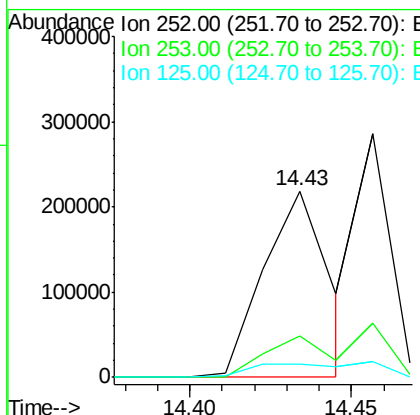
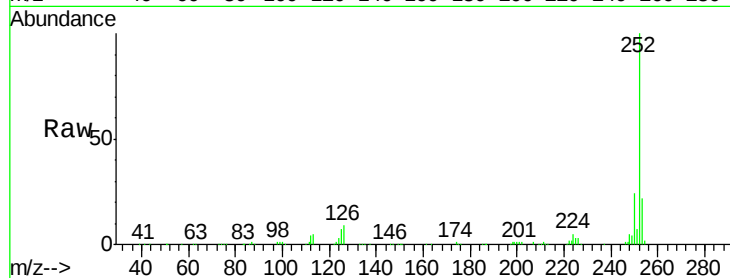
#87
Benzo(b)fluoranthene
Concen: 43.37 ng m
RT: 14.43 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB85437BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	6.8	17.1	25.7#

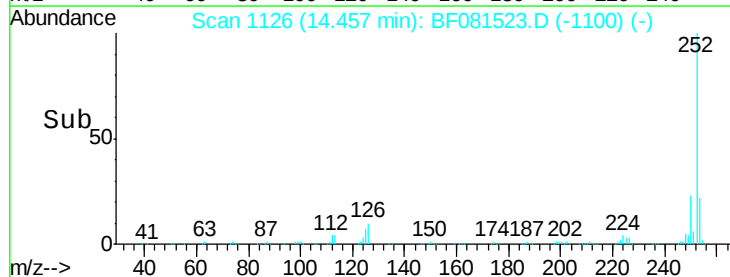
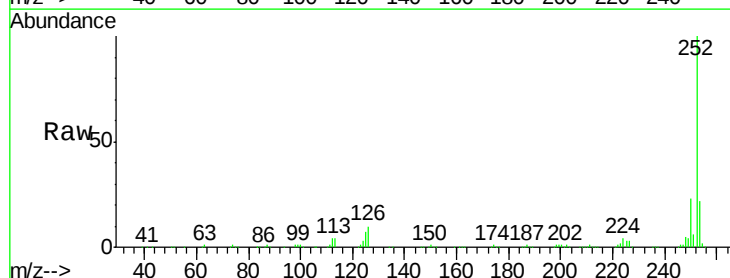
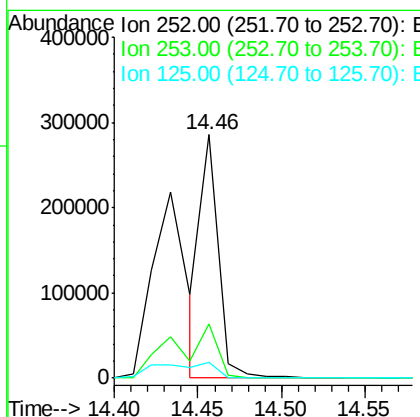
Manual Integrations
APPROVED

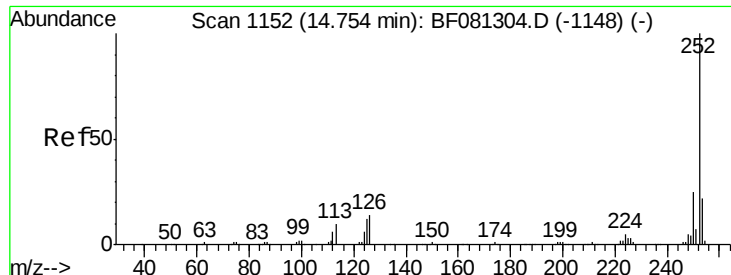
MMDadoda
9/9/2015 2:57:41 PM



#88
Benzo(k)fluoranthene
Concen: 36.58 ng m
RT: 14.46 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.4
125	6.7	16.0	24.0#





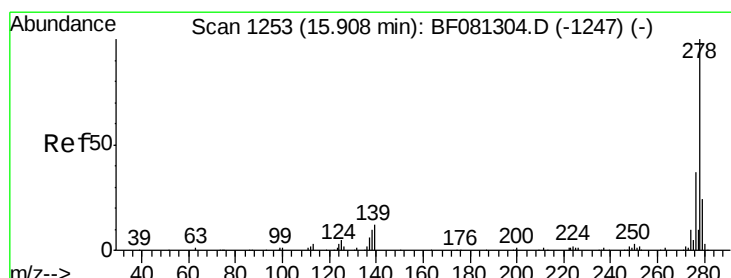
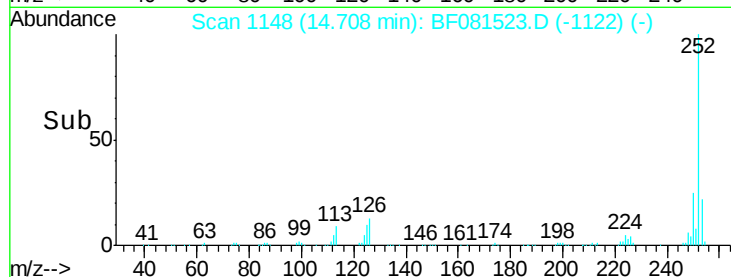
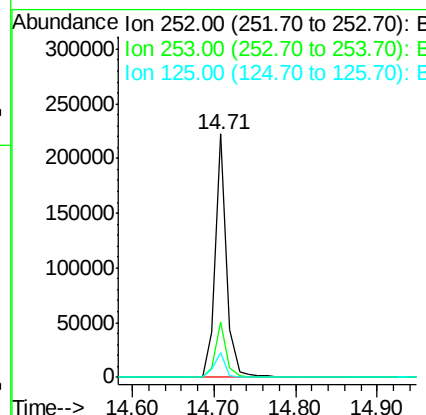
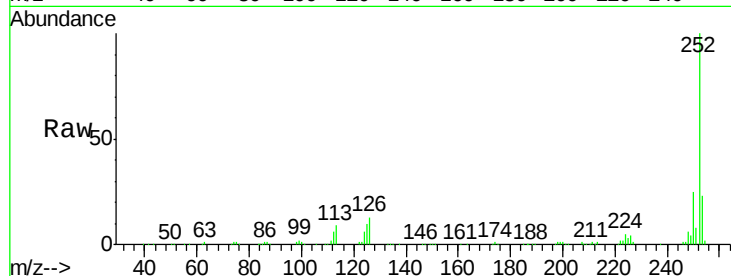
#89
Benzo(a)pyrene
Concen: 36.52 ng
RT: 14.71 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB85437BSD

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.5	17.2	25.8
125	10.3	18.0	27.0

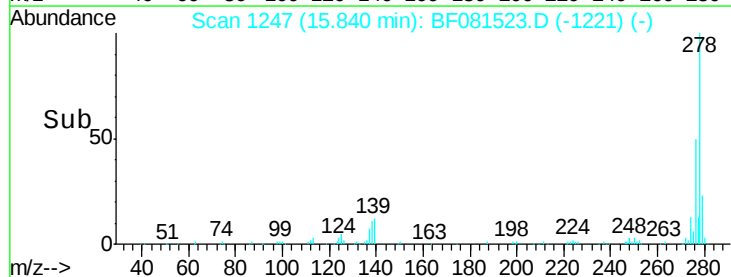
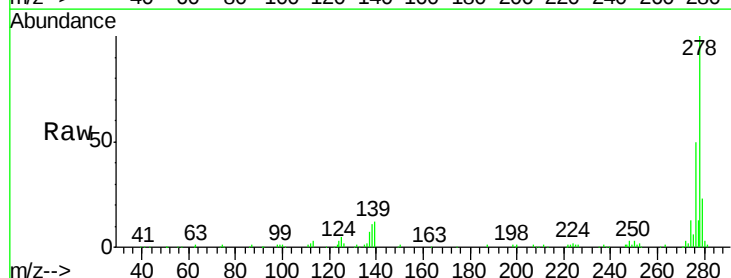
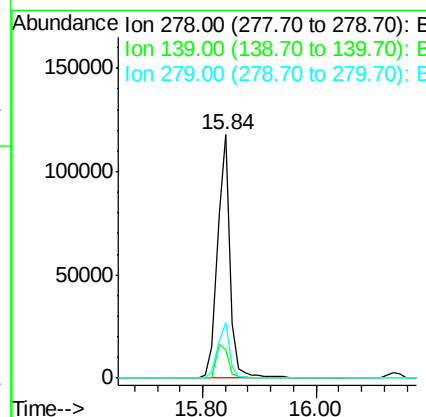
Manual Integrations
APPROVED

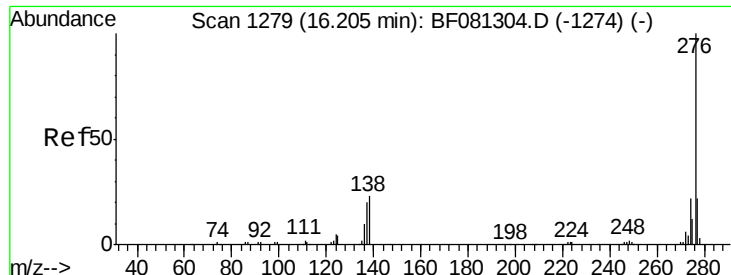
MMDadoda
9/9/2015 2:57:41 PM



#90
Dibenzo(a,h)anthracene
Concen: 37.73 ng
RT: 15.84 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	11.6	26.3	39.5
279	23.0	18.2	27.4





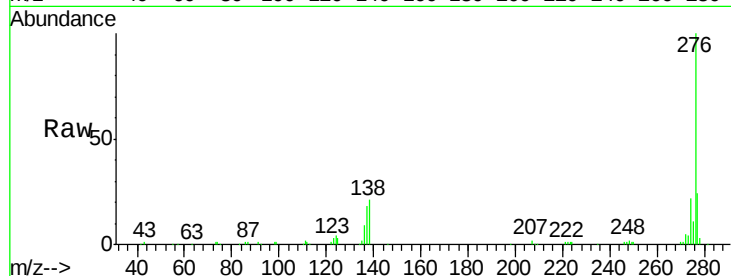
#91
 Benzo(g,h,i)perylene
 Concen: 39.16 ng
 RT: 16.14 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85437BSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.8	26.6
138	21.3	34.6	51.8#

Manual Integrations
 APPROVED

MMDadoda
 9/9/2015 2:57:41 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

