

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092815\
 Data File : BF081844.D
 Acq On : 28 Sep 2015 15:30
 Operator : UM/IZ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Manual Integrations
 APPROVED

MMDadoda
 9/29/2015 12:10:14 PM

Quant Time: Sep 28 17:18:27 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 16:48:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	116286	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	445017	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	218547	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	398909	20.00	ng	0.00
75) Chrysene-d12	14.12	240	354855	20.00	ng	0.00
86) Perylene-d12	15.58	264	292867	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	318003	46.26	ng	0.00
7) Phenol-d6	6.56	99	397868	45.76	ng	0.00
23) Nitrobenzene-d5	7.50	82	337174	49.99	ng	0.00
41) 2,4,6-Tribromophenol	10.77	330	105865	55.80	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	685141	51.46	ng	0.00
78) Terphenyl-d14	13.05	244	634623	40.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	66155	19.44	ng	88
3) Pyridine	3.30	79	172620	17.99	ng	85
4) n-Nitrosodimethylamine	3.25	42	82165	18.14	ng	97
6) Aniline	6.59	93	268602	20.64	ng	# 88
8) 2-Chlorophenol	6.71	128	170443	22.50	ng	84
9) Benzaldehyde	6.48	77	131702	25.62	ng	# 82
10) Phenol	6.57	94	220829	21.87	ng	79
11) bis(2-Chloroethyl)ether	6.66	93	168886	22.80	ng	98
12) 1,3-Dichlorobenzene	6.87	146	211029	23.55	ng	# 93
13) 1,4-Dichlorobenzene	6.95	146	216496	23.87	ng	# 95
14) 1,2-Dichlorobenzene	7.10	146	188973m	22.40	ng	
15) Benzyl Alcohol	7.07	79	146918	21.43	ng	# 79
16) 2,2'-oxybis(1-Chloropropan	7.21	45	246784	19.48	ng	79
17) 2-Methylphenol	7.19	107	139004	21.73	ng	# 88
18) Hexachloroethane	7.44	117	66654	22.57	ng	90
19) n-Nitroso-di-n-propylamine	7.34	70	116844	20.16	ng	# 79
20) 3+4-Methylphenols	7.34	107	181584	22.59	ng	# 57
22) Acetophenone	7.35	105	231456	23.71	ng	# 85
24) Nitrobenzene	7.52	77	181118	24.07	ng	# 78
25) Isophorone	7.75	82	314531	21.05	ng	# 87
26) 2-Nitrophenol	7.84	139	87129	31.88	ng	# 84
27) 2,4-Dimethylphenol	7.87	122	151458	22.35	ng	# 86
28) bis(2-Chloroethoxy)methane	7.97	93	198933	22.79	ng	# 92
29) 2,4-Dichlorophenol	8.08	162	149265	23.66	ng	97
30) 1,2,4-Trichlorobenzene	8.16	180	172983	24.43	ng	99
31) Naphthalene	8.24	128	501217	24.41	ng	97
32) Benzoic acid	7.97	122	70208	53.21	ng	# 68
33) 4-Chloroaniline	8.30	127	214242	23.78	ng	# 95
34) Hexachlorobutadiene	8.35	225	100312	24.02	ng	99
35) Caprolactam	8.65	113	42212	25.05	ng	92
36) 4-Chloro-3-methylphenol	8.77	107	146174	23.12	ng	# 80
37) 2-Methylnaphthalene	8.94	142	344397	23.54	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	168714	24.19	ng	98
40) Hexachlorocyclopentadiene	9.09	237	83493	27.93	ng	97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092815\
 Data File : BF081844.D
 Acq On : 28 Sep 2015 15:30
 Operator : UM/IZ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

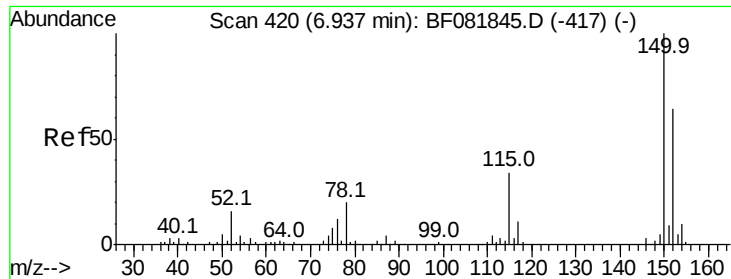
Manual Integrations
 APPROVED

MMDadoda
 9/29/2015 12:10:14 PM

Quant Time: Sep 28 17:18:27 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 16:48:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	115123	25.05	nq	100
43) 2,4,5-Trichlorophenol	9.25	196	114247	25.27	nq	# 91
45) 1,1'-Biphenyl	9.39	154	402979	23.58	nq	95
46) 2-Chloronaphthalene	9.43	162	321407	23.38	nq	96
47) 2-Nitroaniline	9.52	65	92151	25.21	nq	# 70
48) Acenaphthylene	9.84	152	544882	23.42	nq	97
49) Dimethylphthalate	9.70	163	355711	21.39	nq	# 97
50) 2,6-Dinitrotoluene	9.76	165	78800	24.55	nq	# 69
51) Acenaphthene	10.01	154	312643	23.32	nq	89
52) 3-Nitroaniline	9.93	138	88341	25.38	nq	# 63
53) 2,4-Dinitrophenol	10.03	184	23395	70.98	nq	# 58
54) Dibenzofuran	10.18	168	452635	23.02	nq	# 90
55) 4-Nitrophenol	10.09	139	69007	28.74	nq	# 75
56) 2,4-Dinitrotoluene	10.16	165	97780	25.44	nq	# 75
57) Fluorene	10.53	166	357519	23.69	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.30	232	92354	26.76	nq	96
59) Diethylphthalate	10.40	149	348960	21.66	nq	97
60) 4-Chlorophenyl-phenylether	10.51	204	151339	21.84	nq	# 80
61) 4-Nitroaniline	10.55	138	98069	29.00	nq	# 59
62) Azobenzene	10.67	77	333098	20.23	nq	89
64) 4,6-Dinitro-2-methylphenol	10.57	198	40150	50.93	nq	# 64
65) n-Nitrosodiphenylamine	10.64	169	313829	23.33	nq	92
66) 4-Bromophenyl-phenylether	11.01	248	98050	22.08	nq	# 88
67) Hexachlorobenzene	11.07	284	110958	23.94	nq	# 77
68) Atrazine	11.17	200	99311	24.69	nq	84
69) Pentachlorophenol	11.27	266	61905	32.68	nq	99
70) Phenanthrene	11.49	178	502351	22.03	nq	97
71) Anthracene	11.54	178	529129	24.08	nq	98
72) Carbazole	11.70	167	466884	22.88	nq	98
73) Di-n-butylphthalate	12.02	149	498084	20.06	nq	# 98
74) Fluoranthene	12.67	202	510081	22.20	nq	93
76) Benzidine	12.81	184	271042	22.51	nq	98
77) Pyrene	12.90	202	526822	19.69	nq	96
79) Butylbenzylphthalate	13.53	149	203786	19.11	nq	# 91
80) Benzo(a)anthracene	14.10	228	469972	21.84	nq	97
81) 3,3'-Dichlorobenzidine	14.07	252	164825	24.12	nq	# 92
82) Chrysene	14.14	228	493104	23.89	nq	95
83) Bis(2-ethylhexyl)phthalate	14.08	149	251464	19.45	nq	# 90
84) Di-n-octyl phthalate	14.70	149	400418	21.06	nq	# 92
85) Indeno(1,2,3-cd)pyrene	17.04	276	370995	19.64	nq	# 87
87) Benzo(b)fluoranthene	15.14	252	472915	27.23	nq	# 89
88) Benzo(k)fluoranthene	15.18	252	319457m	19.10	nq	
89) Benzo(a)pyrene	15.51	252	356081	22.71	nq	# 89
90) Dibenzo(a,h)anthracene	17.06	278	299906	18.35	nq	# 80
91) Benzo(g,h,i)perylene	17.49	276	303322	18.00	nq	# 74

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF081844.D

Acq: 28 Sep 2015 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:152 Resp: 116286

Ion Ratio Lower Upper

152 100

150 155.2 124.7 187.1

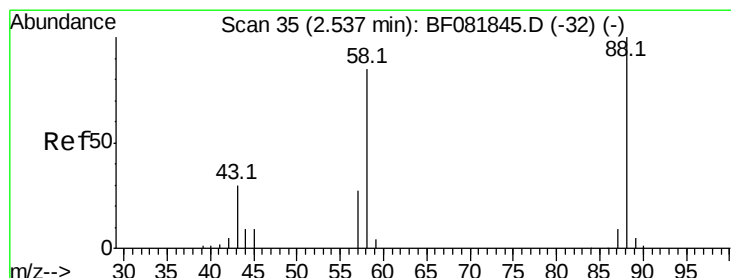
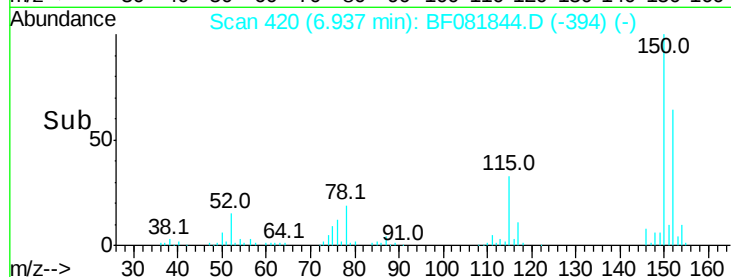
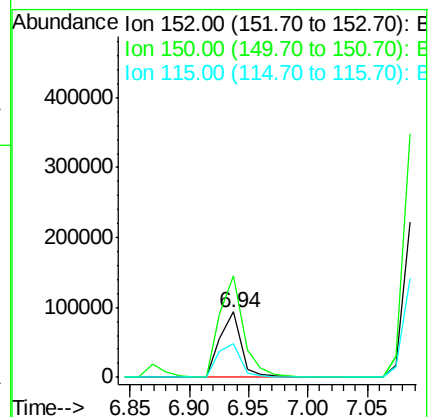
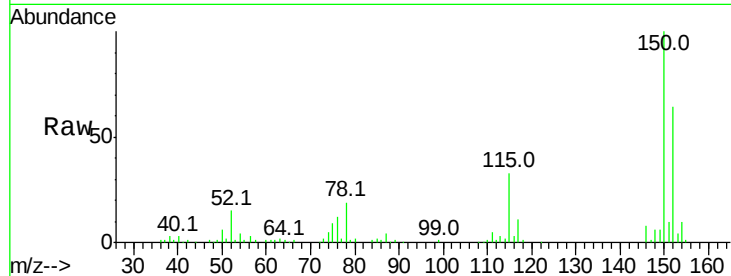
115 50.6 39.0 58.4

Manual Integrations

APPROVED

MMDadoda

9/29/2015 12:10:14 PM



#2

1,4-Dioxane

Concen: 19.44 ng

RT: 2.54 min Scan# 35

Delta R.T. 0.00 min

Lab File: BF081844.D

Acq: 28 Sep 2015 15:30

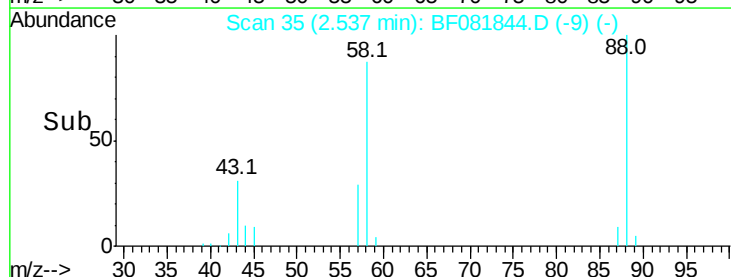
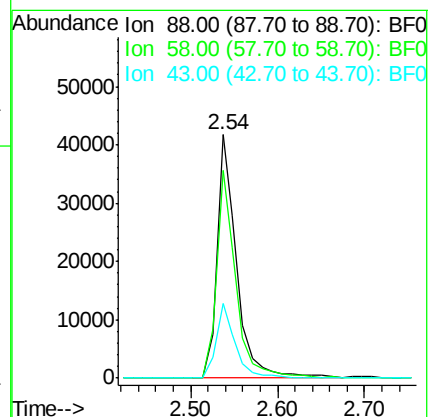
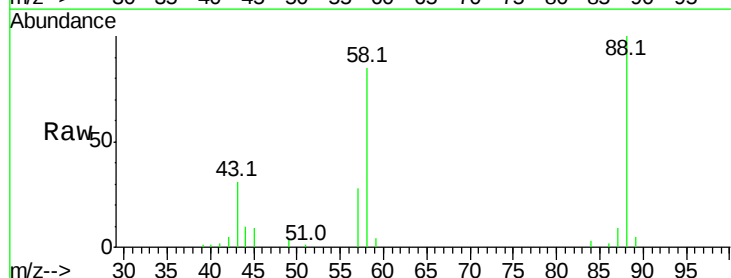
Tgt Ion: 88 Resp: 66155

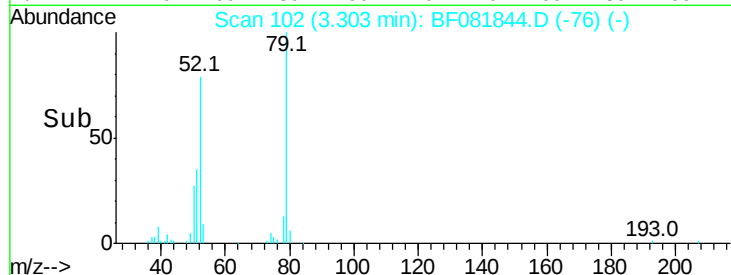
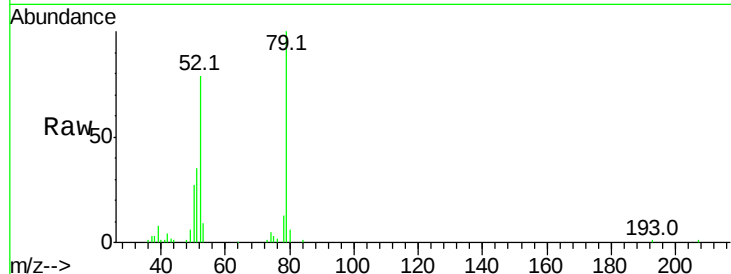
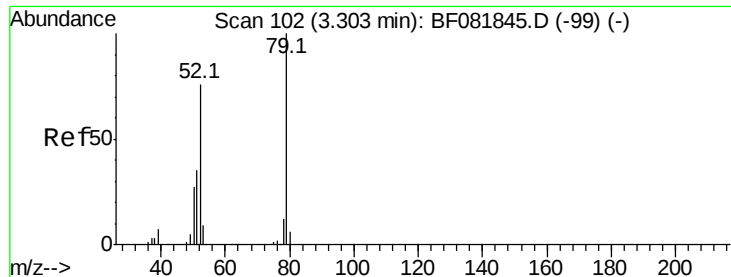
Ion Ratio Lower Upper

88 100

58 83.6 77.7 116.5

43 30.0 26.6 40.0





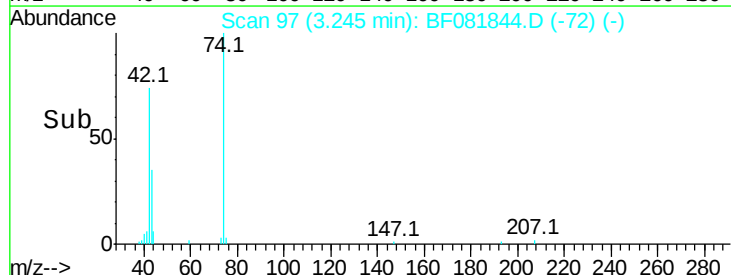
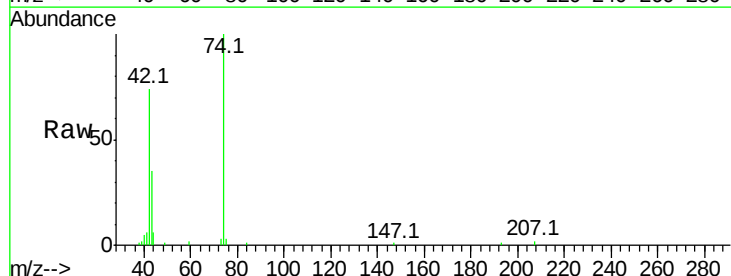
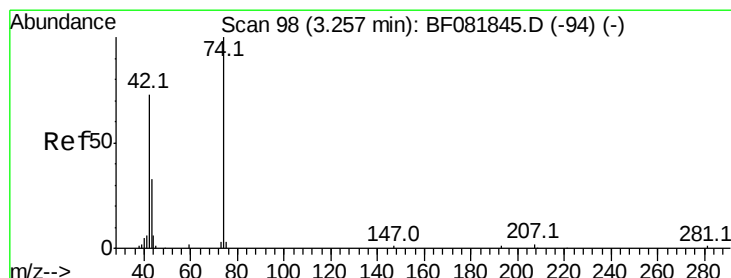
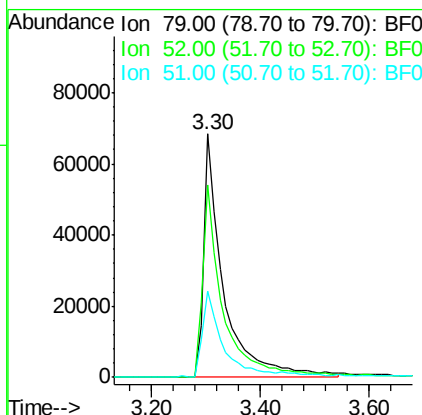
#3
Pvridine
Concen: 17.99 ng
RT: 3.30 min Scan# 102
Delta R.T. 0.00 min
Lab File: BF081844.D
Acq: 28 Sep 2015 15:30

Tot Ion	Ratio	Lower	Upper
79	100		
52	79.1	76.8	115.2
51	35.4	32.2	48.4

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

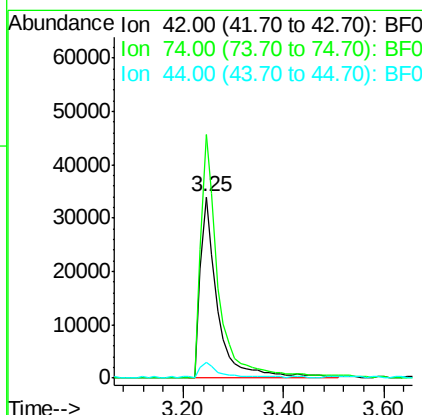
Manual Integrations
APPROVED

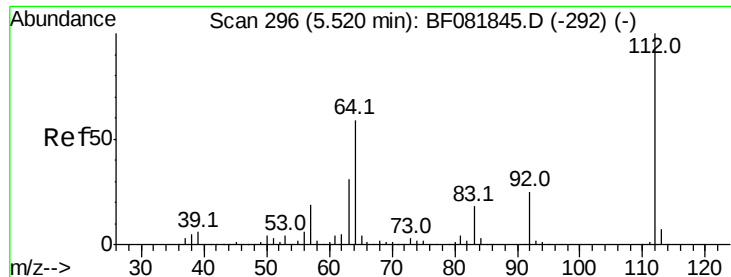
MMDadoda
9/29/2015 12:10:14 PM



#4
n-Nitrosodimethylamine
Concen: 18.14 ng
RT: 3.25 min Scan# 97
Delta R.T. -0.01 min
Lab File: BF081844.D
Acq: 28 Sep 2015 15:30

Tgt Ion	Ratio	Lower	Upper
42	100		
74	134.6	105.0	157.6
44	8.6	6.6	10.0





#5

2-Fluorophenol

Concen: 46.26 ng

RT: 5.52 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF081844.D

Acq: 28 Sep 2015 15:30

Instrument :

BNA_F

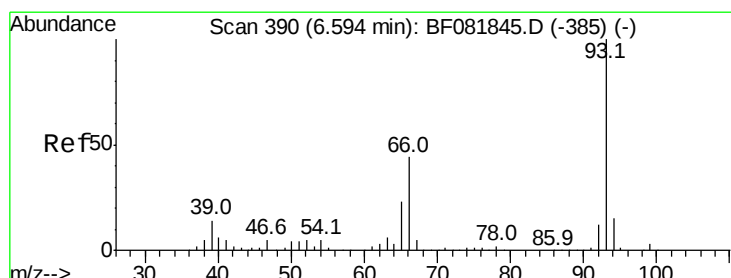
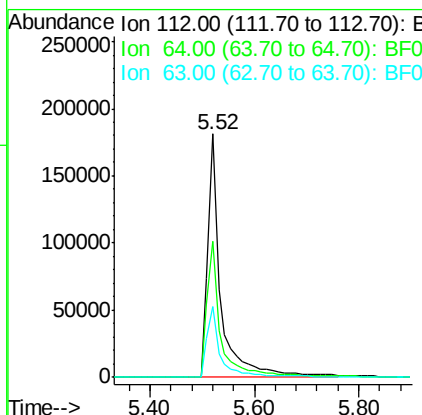
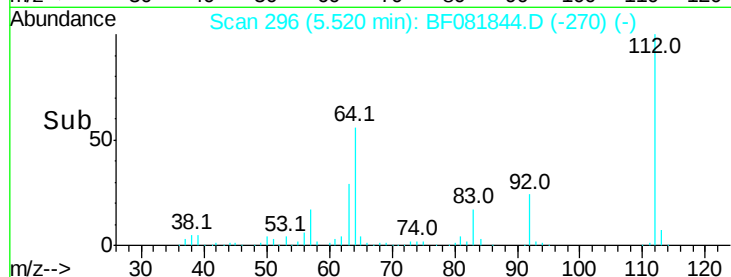
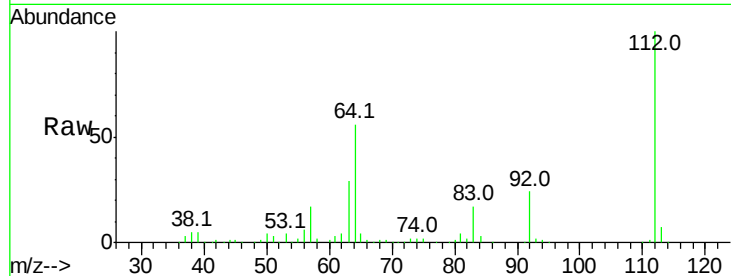
ClientSampleId :

SSTDIC025

Tot Ion:	112	Resp:	318003
Ion Ratio	Lower	Upper	
112	100		
64	55.9	39.7	59.5
63	28.9	17.4	26.0#

Manual Integrations
APPROVED

MMDadoda
9/29/2015 12:10:14 PM



#6

Aniline

Concen: 20.64 ng

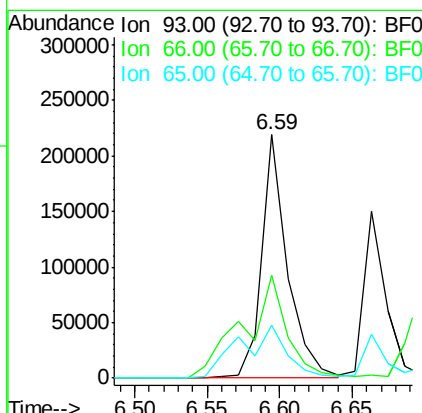
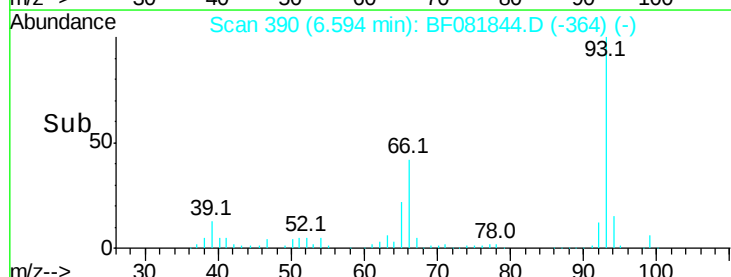
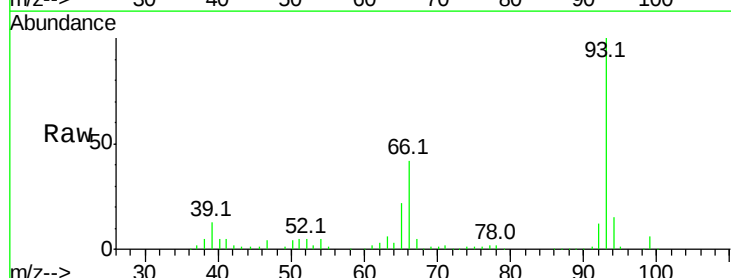
RT: 6.59 min Scan# 390

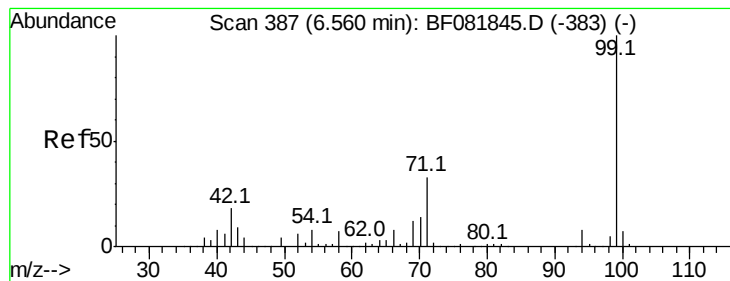
Delta R.T. 0.00 min

Lab File: BF081844.D

Acq: 28 Sep 2015 15:30

Tgt Ion:	93	Resp:	268602
Ion Ratio	Lower	Upper	
93	100		
66	42.1	27.2	40.8#
65	21.9	14.7	22.1





#7

Phenol-d6

Concen: 45.76 ng

RT: 6.56 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF081844.D

Acq: 28 Sep 2015 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion: 99 Resp: 397868

Ion Ratio Lower Upper

99 100

42 15.3 13.7 20.5

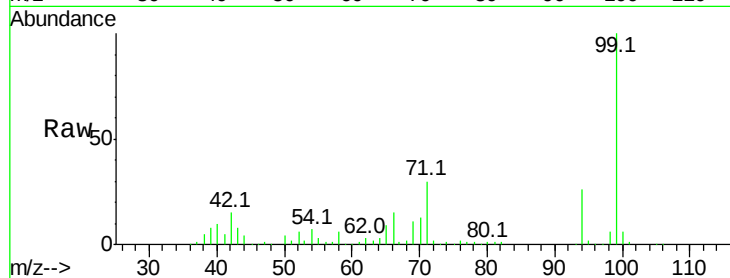
71 29.5 14.2 21.2#

Manual Integrations

APPROVED

MMDadoda

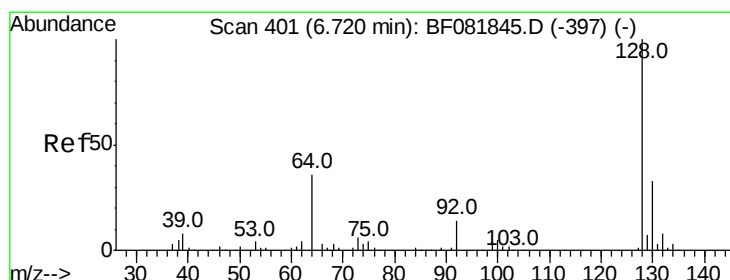
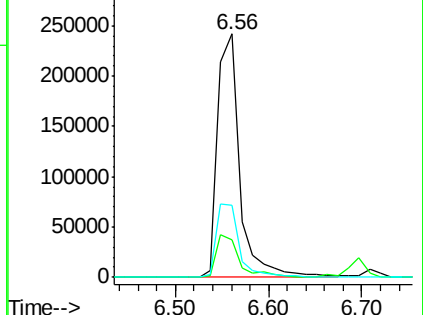
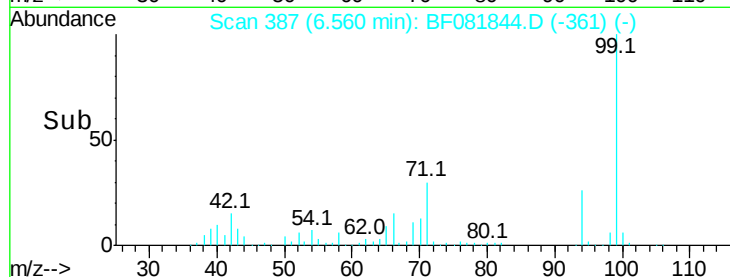
9/29/2015 12:10:14 PM



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: 22.50 ng

RT: 6.71 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF081844.D

Acq: 28 Sep 2015 15:30

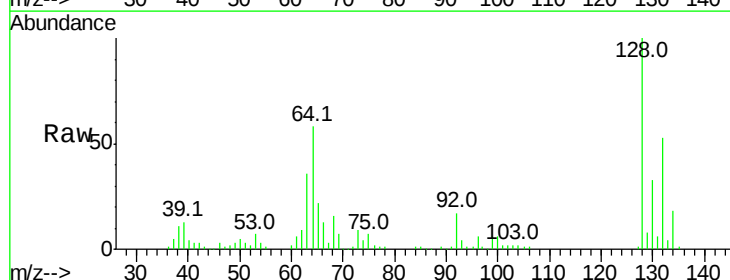
Tgt Ion: 128 Resp: 170443

Ion Ratio Lower Upper

128 100

130 32.7 12.2 52.2

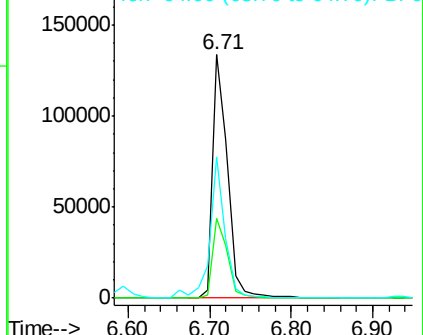
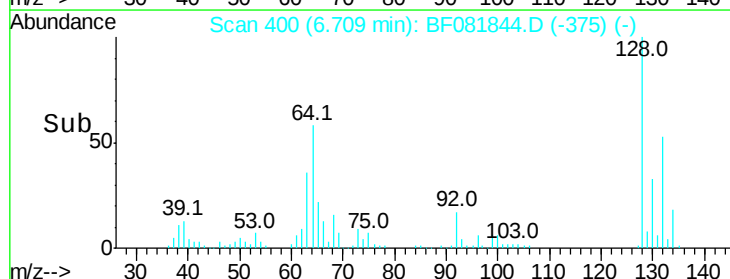
64 58.0 20.5 60.5

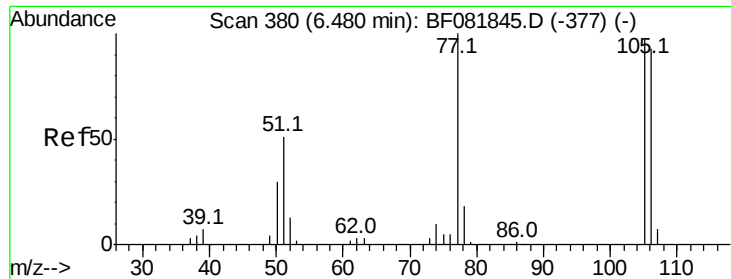


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 25.62 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF081844.D

Acq: 28 Sep 2015 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion: 77 Resp: 131702

Ion Ratio Lower Upper

77 100

105 99.4 91.6 131.6

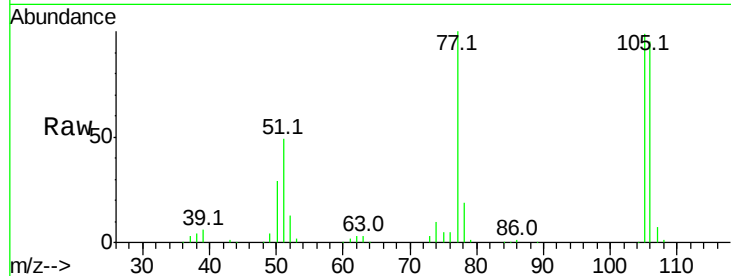
106 95.0 102.6 142.6#

Manual Integrations

APPROVED

MMDadoda

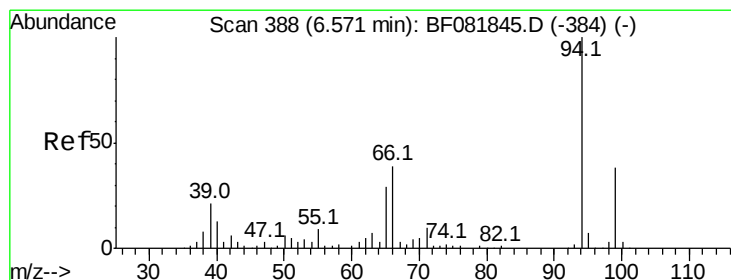
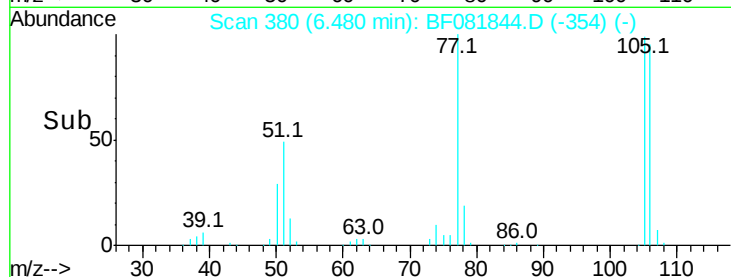
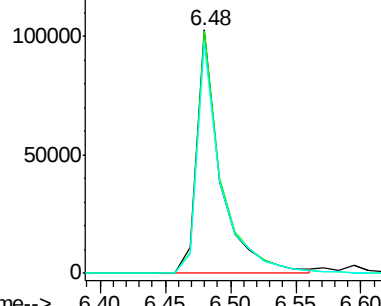
9/29/2015 12:10:14 PM



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 21.87 ng

RT: 6.57 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081844.D

Acq: 28 Sep 2015 15:30

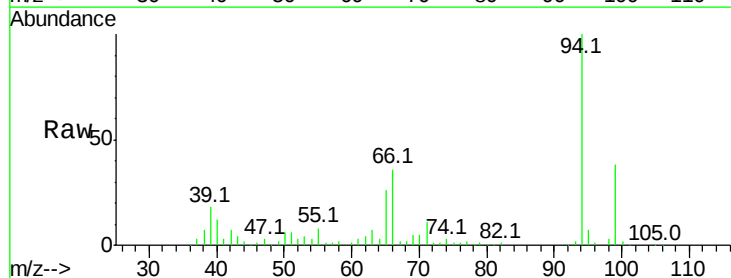
Tgt Ion: 94 Resp: 220829

Ion Ratio Lower Upper

94 100

65 25.9 0.7 40.7

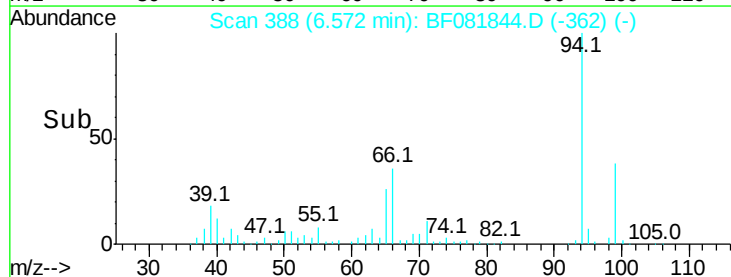
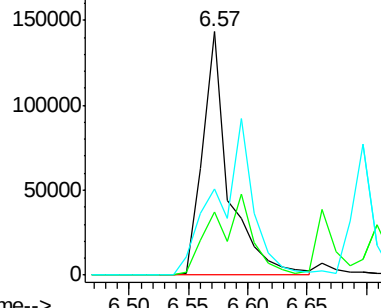
66 35.5 0.8 40.8

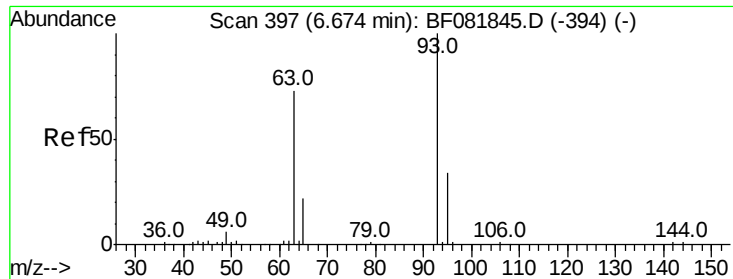


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 22.80 ng

RT: 6.66 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF081844.D

Acq: 28 Sep 2015 15:30

Instrument :

BNA_F

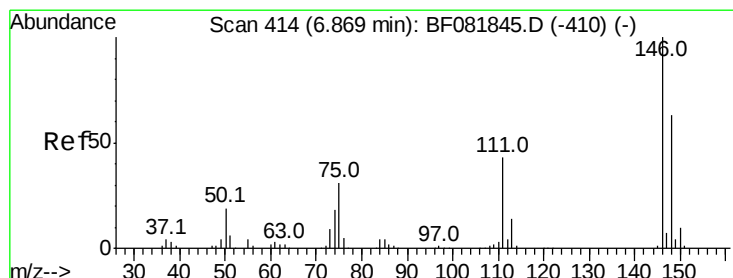
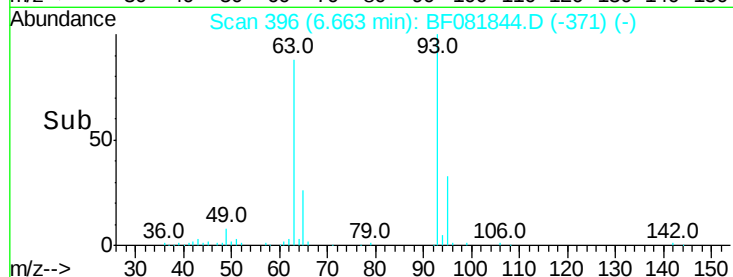
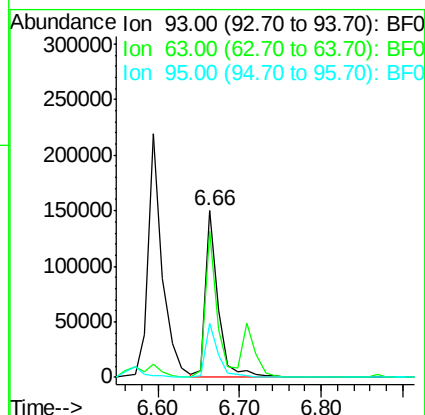
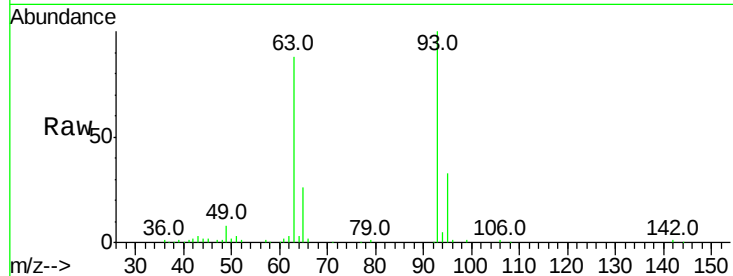
ClientSampleId :

SSTDICC025

Tot Ion:	93	Resp:	168886
Ion Ratio	Lower	Upper	
93	100		
63	87.5	65.6	105.6
95	32.7	13.6	53.6

Manual Integrations
APPROVED

MMDadoda
9/29/2015 12:10:14 PM



#12

1,3-Dichlorobenzene

Concen: 23.55 ng

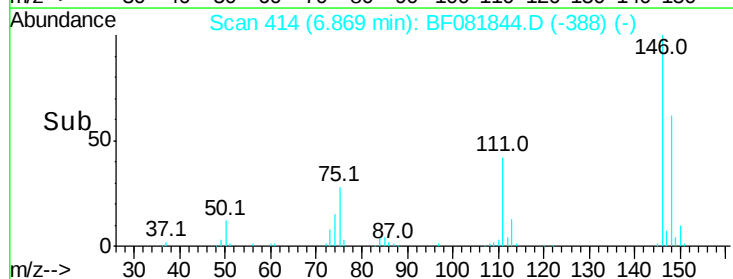
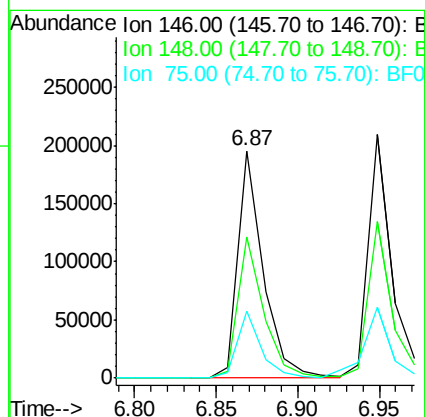
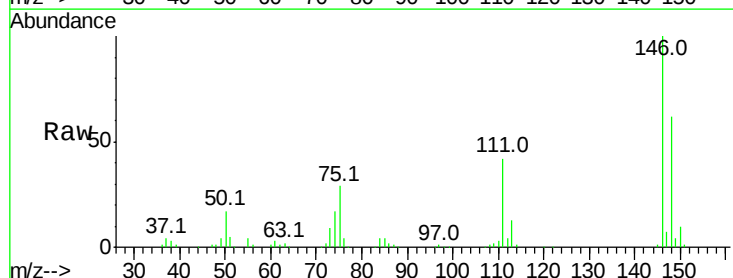
RT: 6.87 min Scan# 414

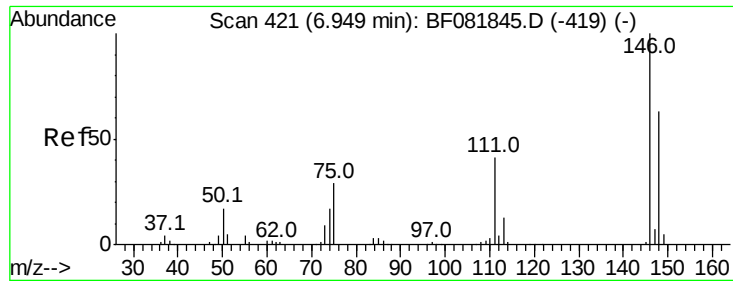
Delta R.T. 0.00 min

Lab File: BF081844.D

Acq: 28 Sep 2015 15:30

Tgt Ion:	146	Resp:	211029
Ion Ratio	Lower	Upper	
146	100		
148	62.1	51.0	76.4
75	29.2	15.0	22.6#





#13

1,4-Dichlorobenzene

Concen: 23.87 ng

RT: 6.95 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF081844.D

Acq: 28 Sep 2015 15:30

Instrument :

BNA_F

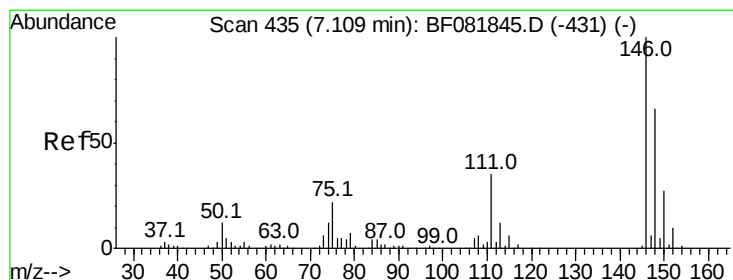
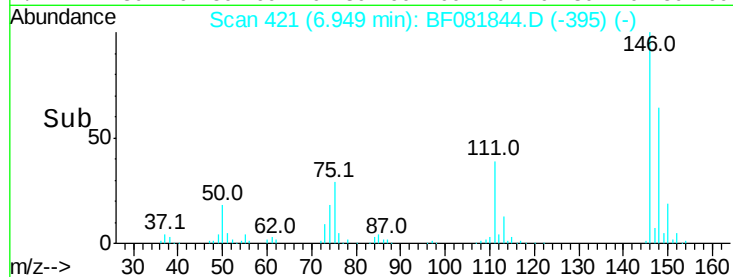
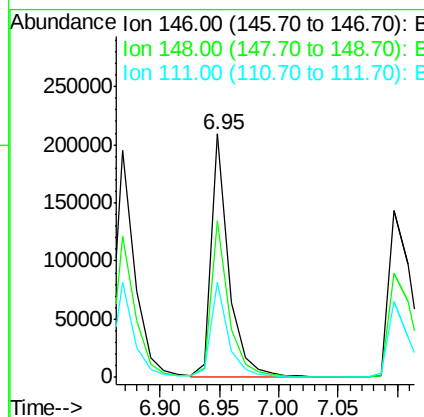
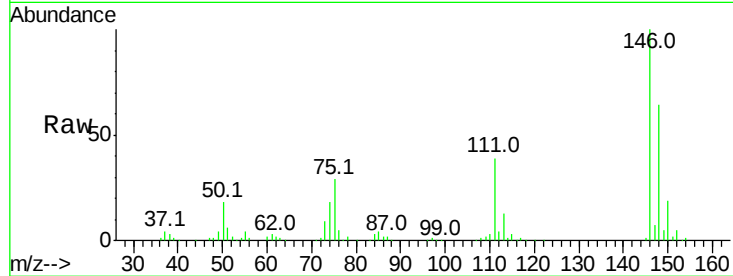
ClientSampleId :

SSTDIC025

Tot Ion:	146	Resp:	216496
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.8	77.6
111	39.3	24.9	37.3#

Manual Integrations
APPROVED

MMDadoda
9/29/2015 12:10:14 PM



#14

1,2-Dichlorobenzene

Concen: 22.40 ng m

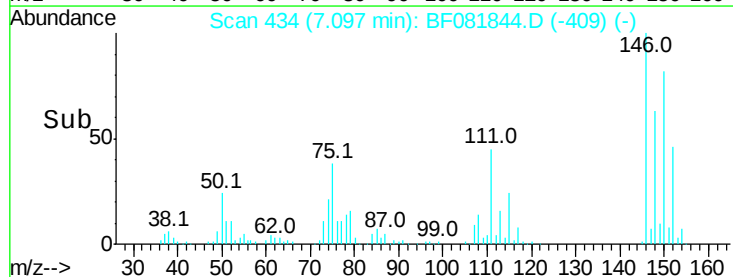
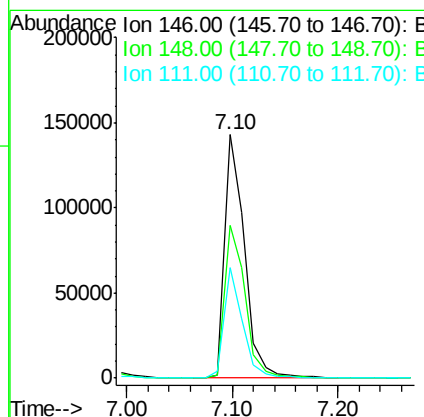
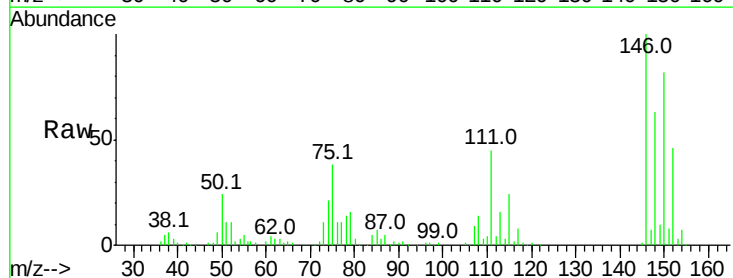
RT: 7.10 min Scan# 434

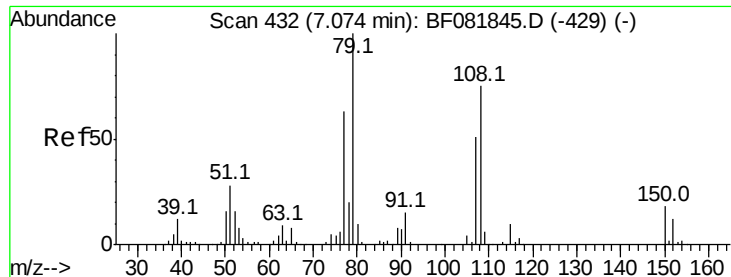
Delta R.T. -0.01 min

Lab File: BF081844.D

Acq: 28 Sep 2015 15:30

Tgt Ion:	146	Resp:	188973
Ion Ratio	Lower	Upper	
146	100		
148	62.7	52.7	79.1
111	45.5	28.8	43.2#





#15

Benzyl Alcohol

Concen: 21.43 ng

RT: 7.07 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF081844.D

Acq: 28 Sep 2015 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion: 79 Resp: 146918
Ion Ratio Lower Upper

79 100

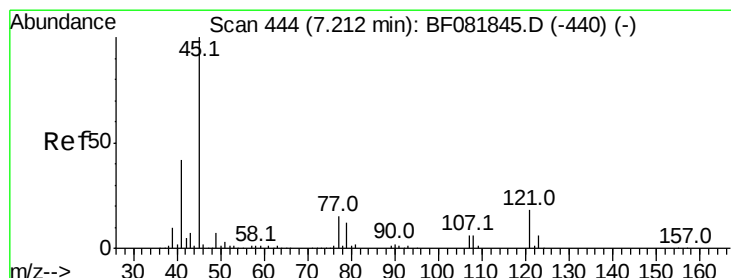
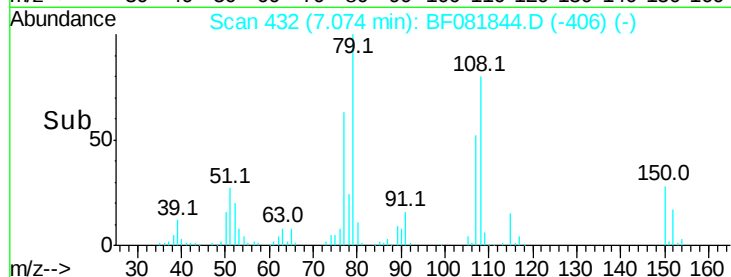
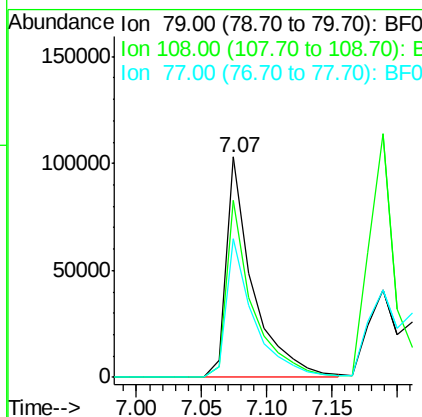
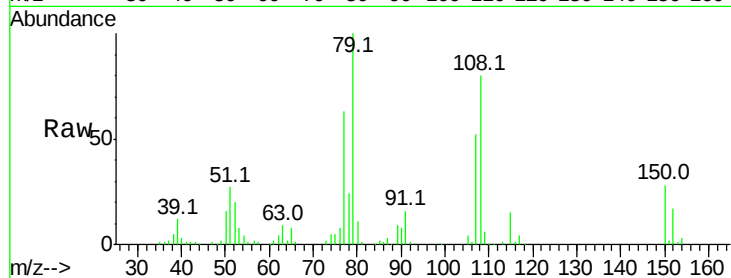
108 80.1 88.6 132.8#

77 63.1 47.0 70.4

Manual Integrations
APPROVED

MMDadoda

9/29/2015 12:10:14 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 19.48 ng

RT: 7.21 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF081844.D

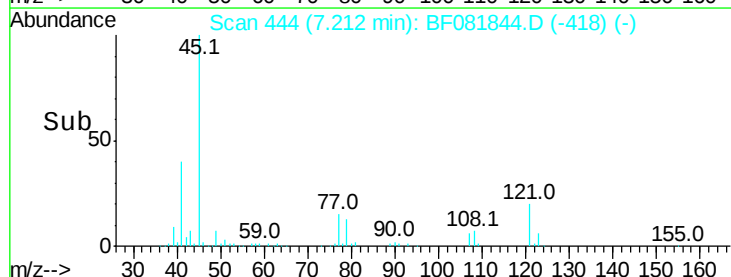
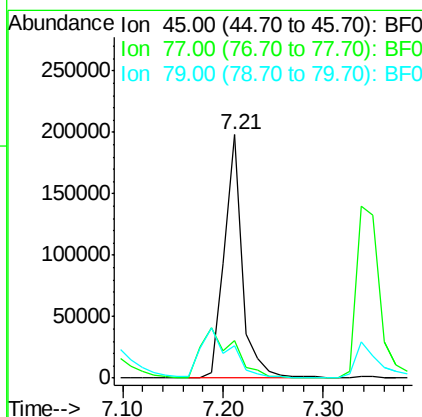
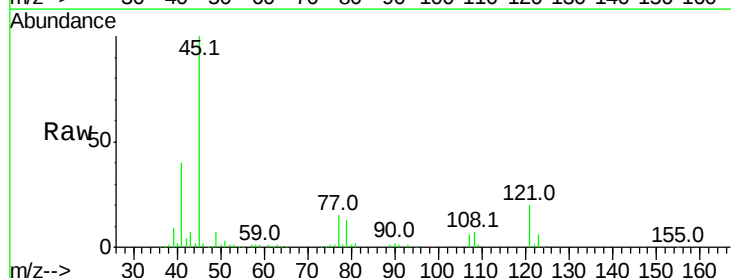
Acq: 28 Sep 2015 15:30

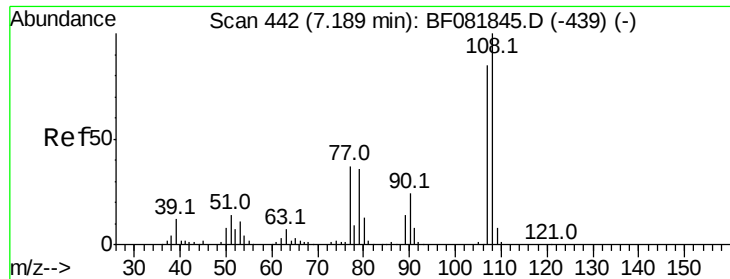
Tgt Ion: 45 Resp: 246784
Ion Ratio Lower Upper

45 100

77 15.3 0.0 28.1

79 13.1 0.0 26.0





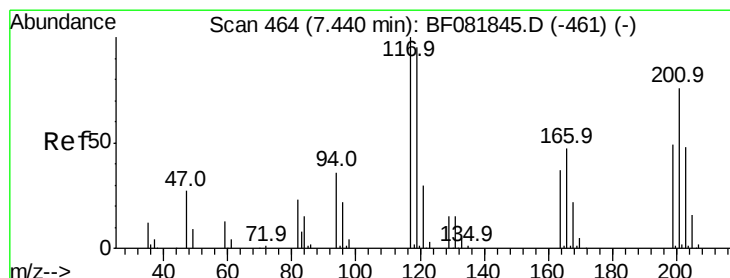
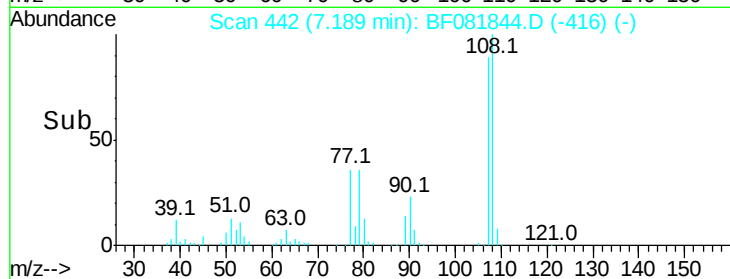
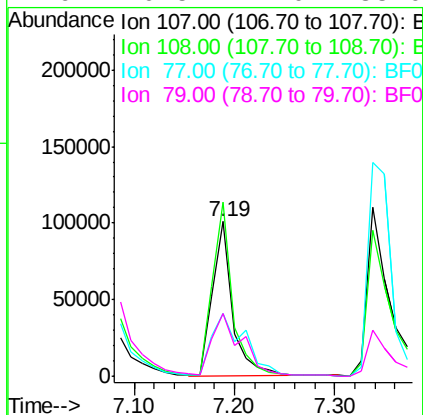
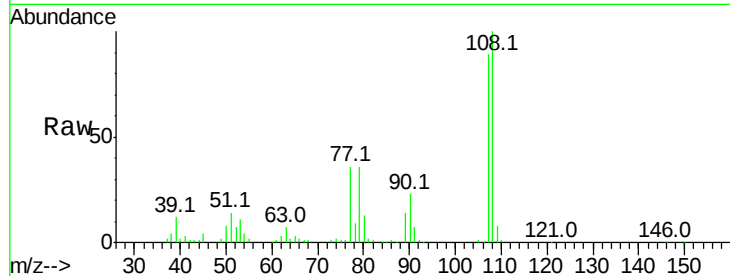
#17
2-Methylphenol
Concen: 21.73 ng
RT: 7.19 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF081844.D
Acq: 28 Sep 2015 15:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
107	100	139004		
108	112.7	96.6	145.0	
77	40.4	23.3	34.9#	
79	40.5	22.0	33.0#	

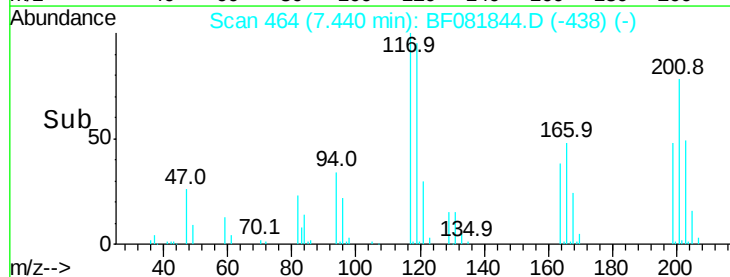
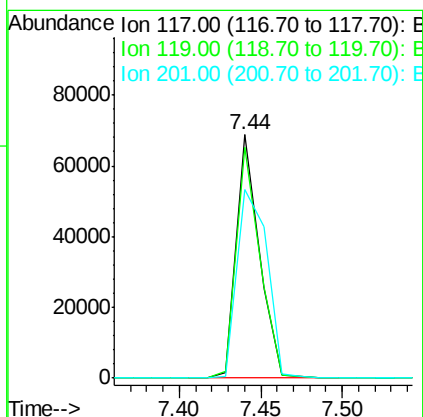
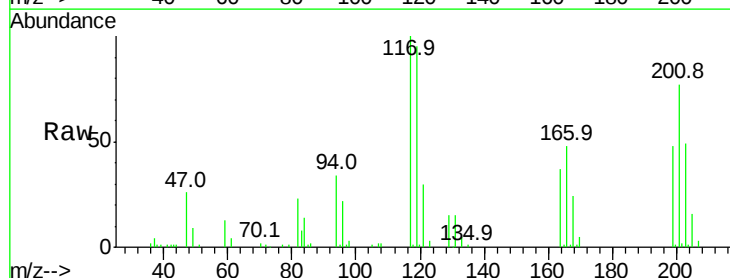
Manual Integrations
APPROVED

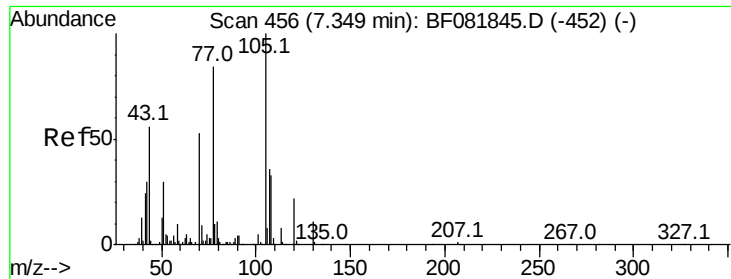
MMDadoda
9/29/2015 12:10:14 PM



#18
Hexachloroethane
Concen: 22.57 ng
RT: 7.44 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF081844.D
Acq: 28 Sep 2015 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	66654		
119	94.6	83.8	125.6	
201	77.4	55.1	82.7	





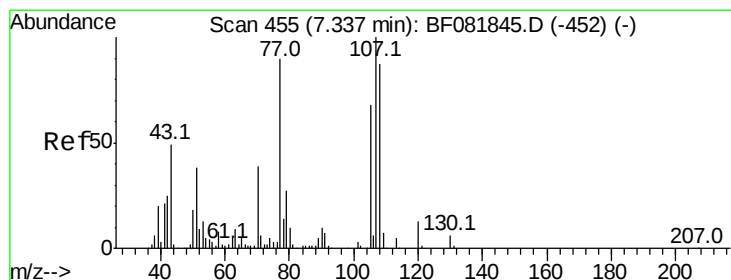
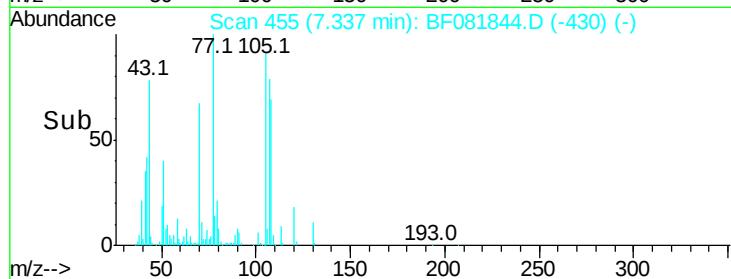
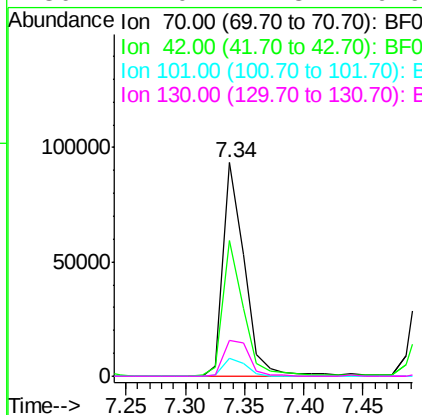
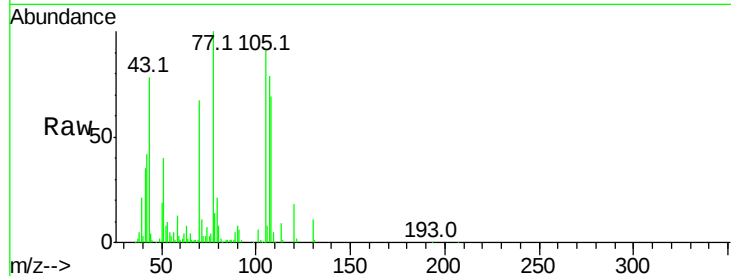
#19
n-Nitroso-di-n-propylamine
Concen: 20.16 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF081844.D
Acq: 28 Sep 2015 15:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.3	63.8	95.6#
101	8.7	9.2	13.8#
130	17.0	27.3	40.9#

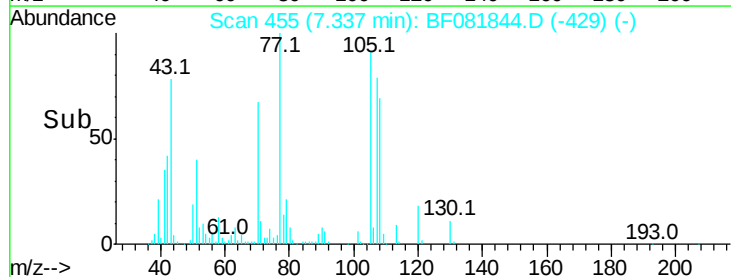
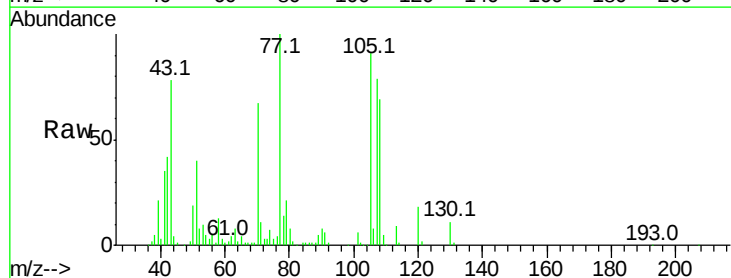
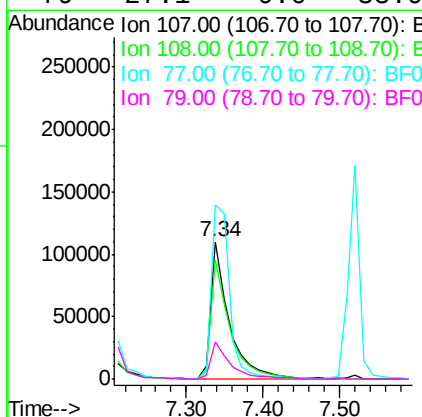
Manual Integrations
APPROVED

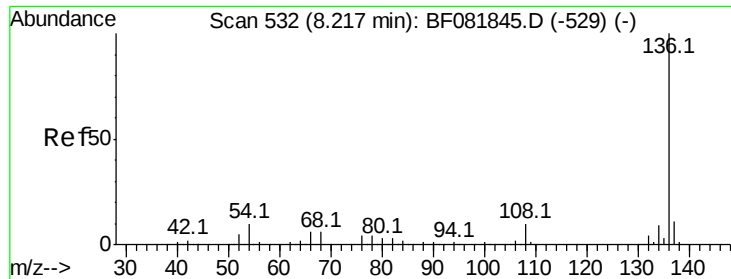
MMDadoda
9/29/2015 12:10:14 PM



#20
3+4-Methylphenols
Concen: 22.59 ng
RT: 7.34 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF081844.D
Acq: 28 Sep 2015 15:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.9	74.6	114.6
77	126.7	0.7	40.7#
79	27.1	0.0	38.9





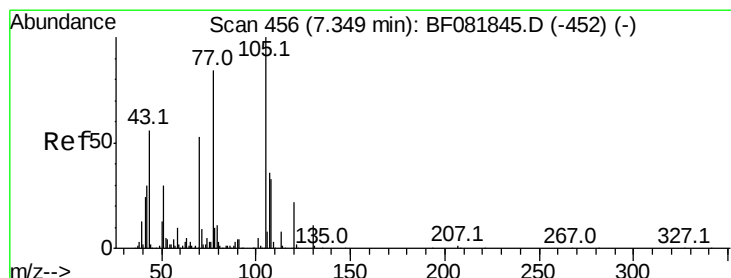
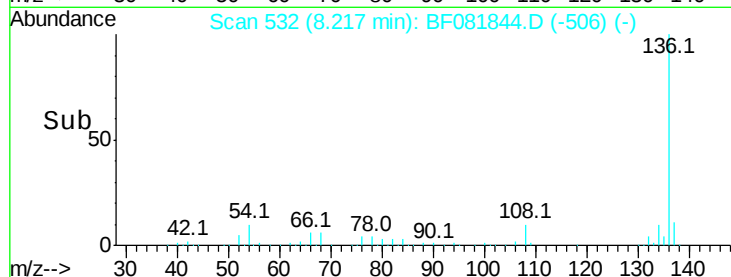
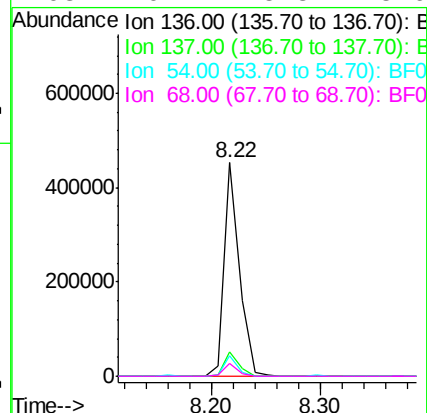
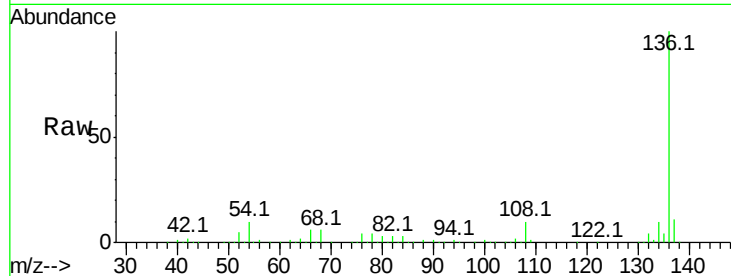
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF081844.D
Acq: 28 Sep 2015 15:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
136	100	445017		
137	11.1	9.0	13.6	
54	9.6	8.2	12.2	
68	6.2	5.8	8.6	

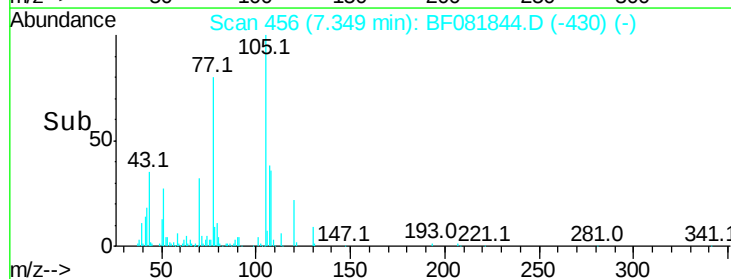
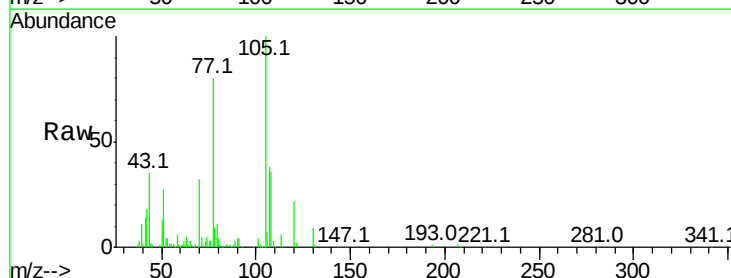
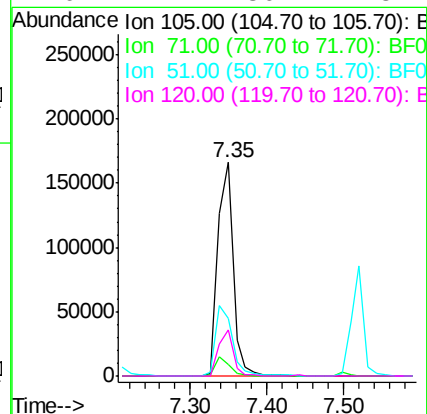
Manual Integrations
APPROVED

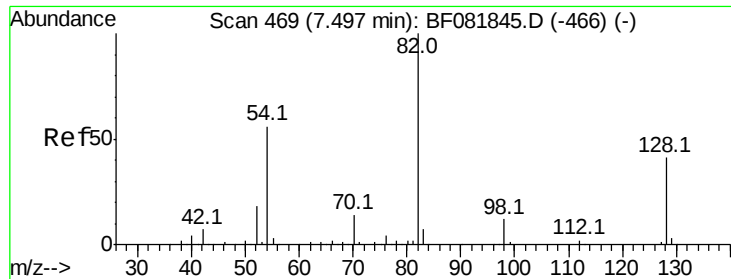
MMDadoda
9/29/2015 12:10:14 PM



#22
Acetophenone
Concen: 23.71 ng
RT: 7.35 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF081844.D
Acq: 28 Sep 2015 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	231456		
71	5.3	4.7	7.1	
51	27.0	22.0	33.0	
120	21.7	30.1	45.1	#





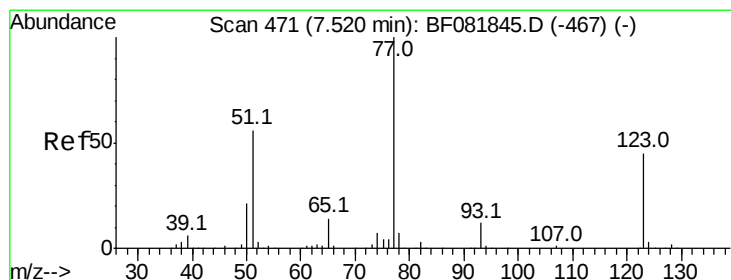
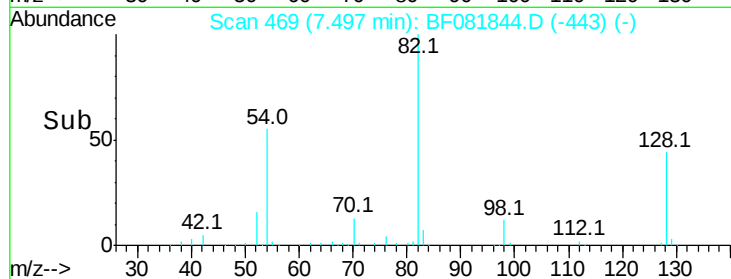
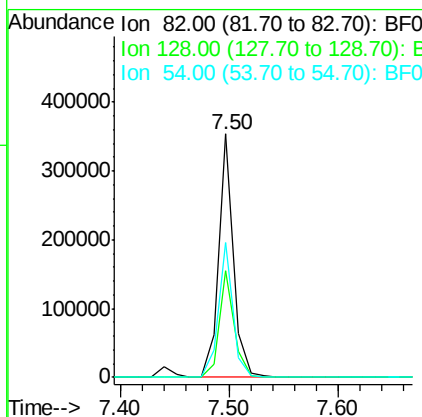
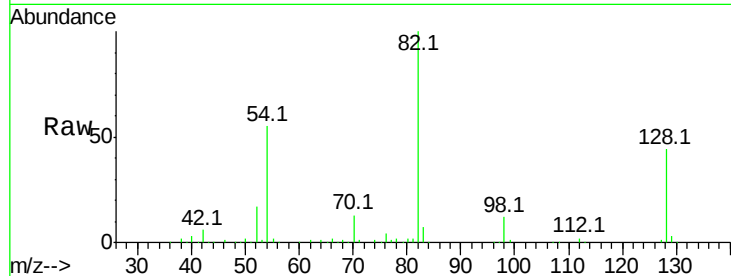
#23
 Nitrobenzene-d5
 Concen: 49.99 ng
 RT: 7.50 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081844.D
 Acq: 28 Sep 2015 15:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.9	51.0	76.6#	
54	55.1	47.5	71.3	

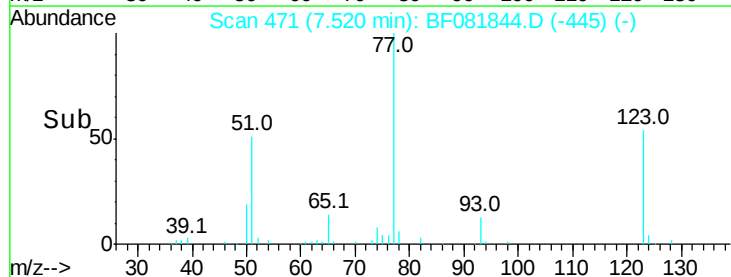
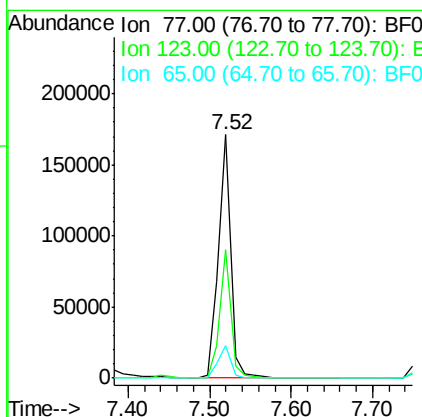
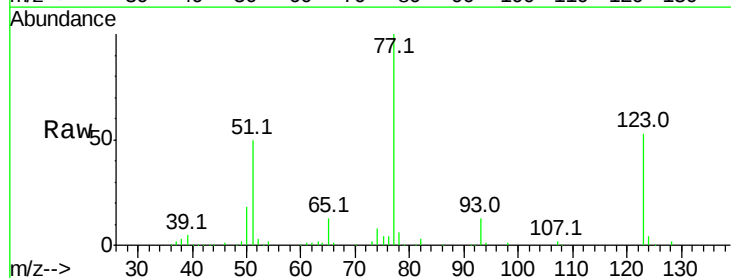
Manual Integrations
 APPROVED

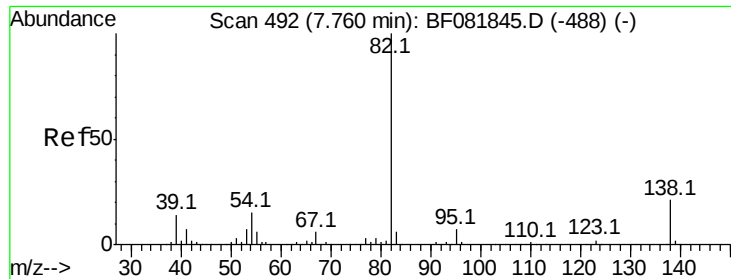
MMDadoda
 9/29/2015 12:10:14 PM



#24
 Nitrobenzene
 Concen: 24.07 ng
 RT: 7.52 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF081844.D
 Acq: 28 Sep 2015 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	52.9	59.8	89.8#	
65	13.2	10.2	15.4	





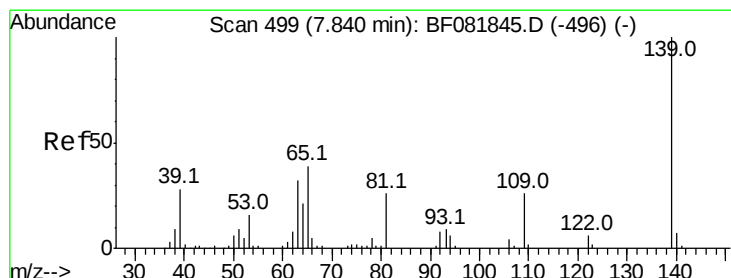
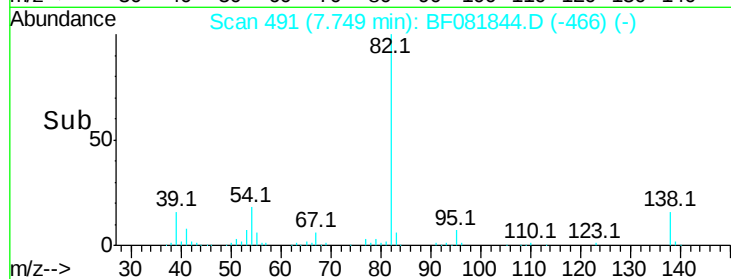
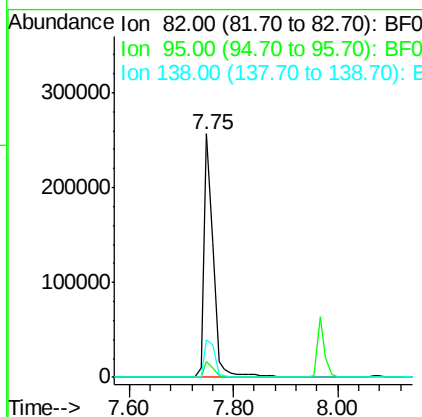
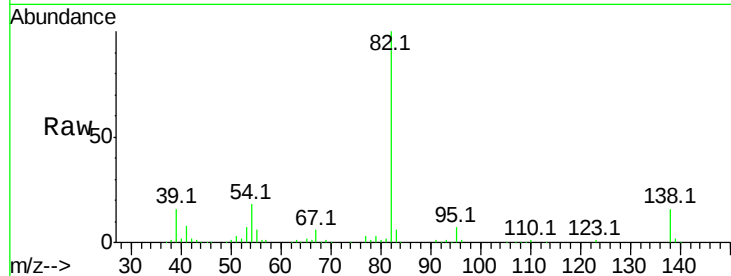
#25
Isophorone
Concen: 21.05 ng
RT: 7.75 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF081844.D
Acq: 28 Sep 2015 15:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.7	4.0	6.0#	
138	15.6	18.3	27.5#	

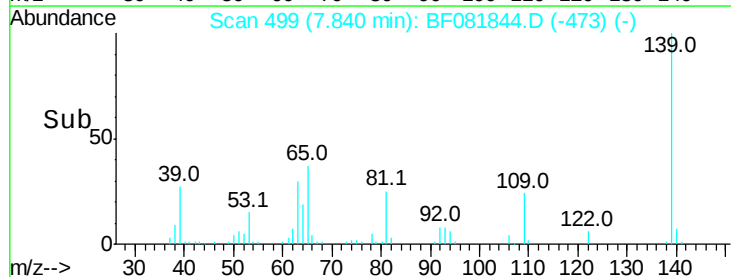
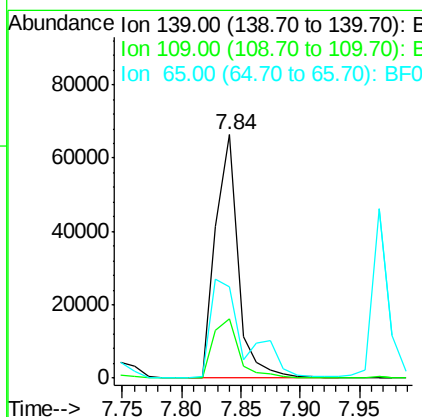
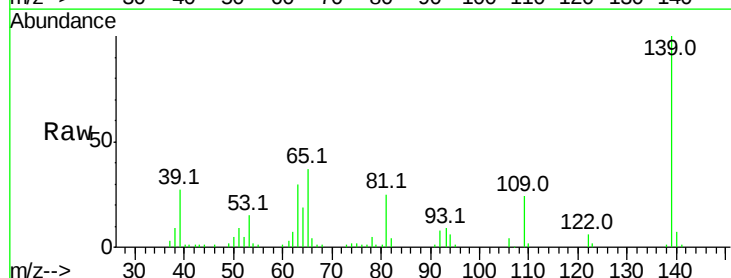
Manual Integrations
APPROVED

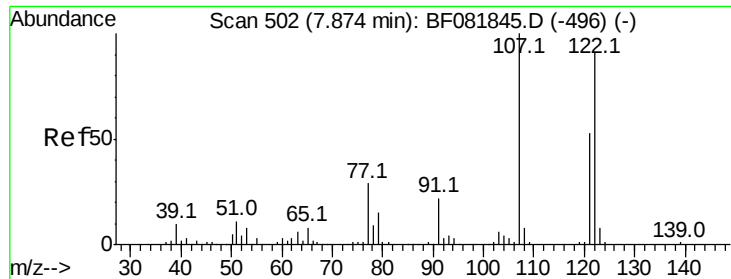
MMDadoda
9/29/2015 12:10:14 PM



#26
2-Nitrophenol
Concen: 31.88 ng
RT: 7.84 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF081844.D
Acq: 28 Sep 2015 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	24.2	11.0	16.4#	
65	37.3	24.7	37.1#	





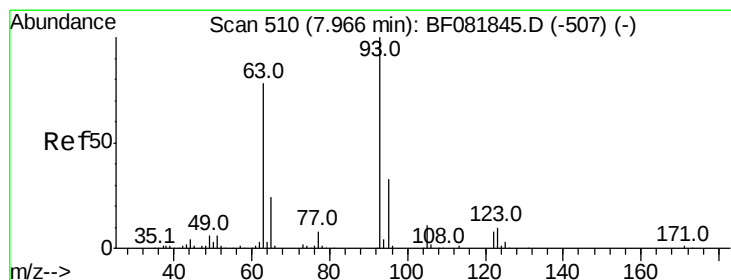
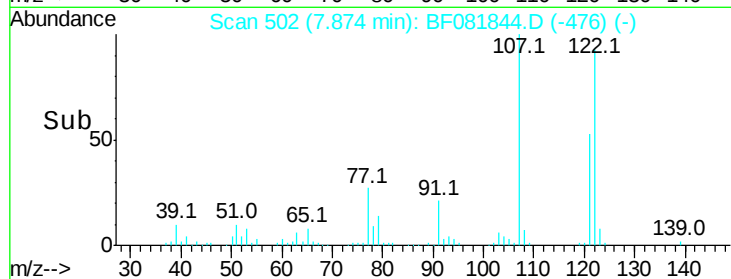
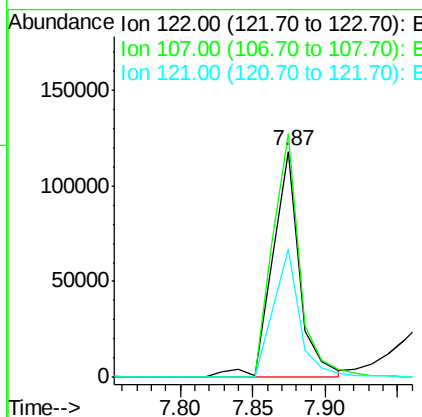
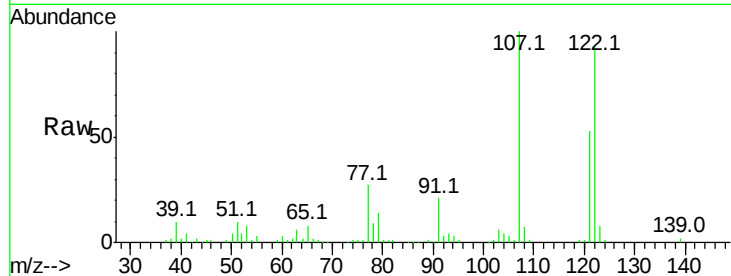
#27
 2,4-Dimethylphenol
 Concen: 22.35 ng
 RT: 7.87 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: BF081844.D
 Acq: 28 Sep 2015 15:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
122	100		
107	107.9	71.8	107.6#
121	57.0	42.3	63.5

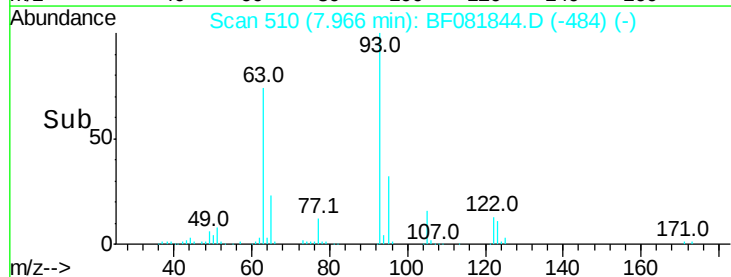
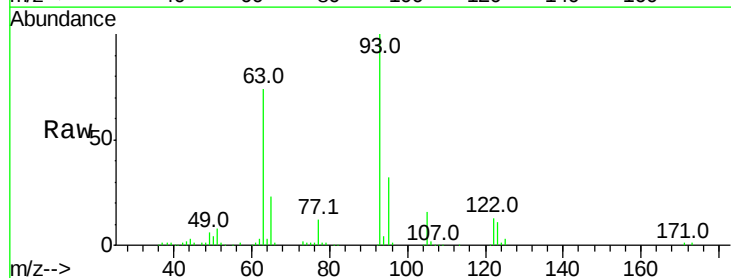
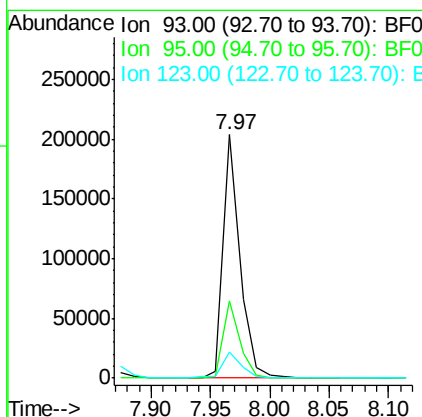
Manual Integrations
 APPROVED

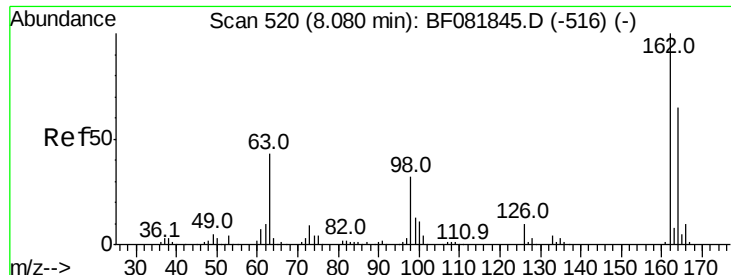
MMDadoda
 9/29/2015 12:10:14 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 22.79 ng
 RT: 7.97 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF081844.D
 Acq: 28 Sep 2015 15:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	27.5	41.3
123	10.9	13.7	20.5#





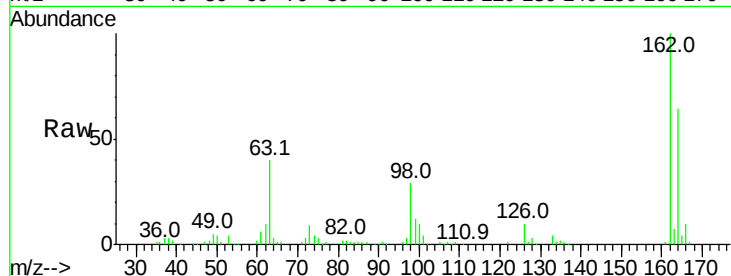
#29
 2,4-Dichlorophenol
 Concen: 23.66 ng
 RT: 8.08 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF081844.D
 Acq: 28 Sep 2015 15:30

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC025

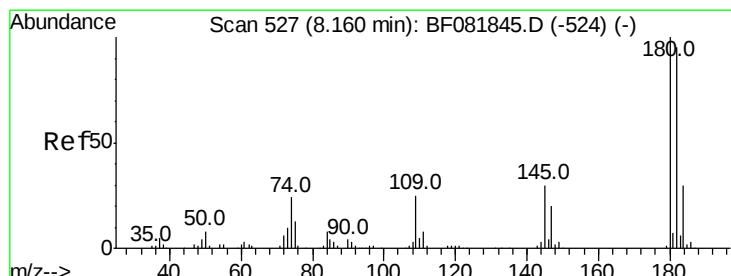
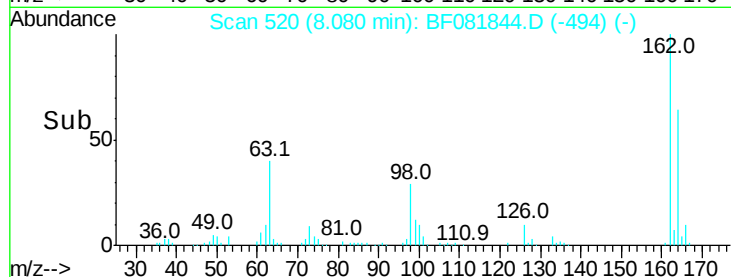
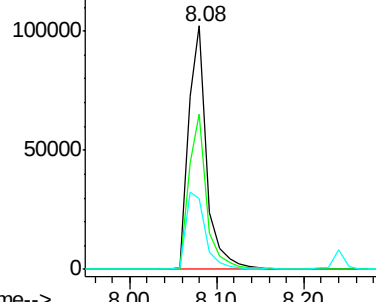
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.8	44.9	84.9
98	29.3	13.0	53.0

Manual Integrations
 APPROVED

MMDadoda
 9/29/2015 12:10:14 PM

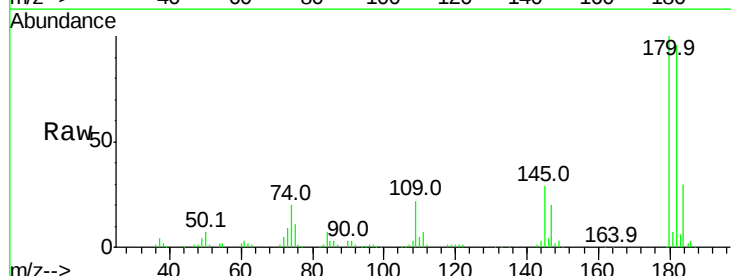


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

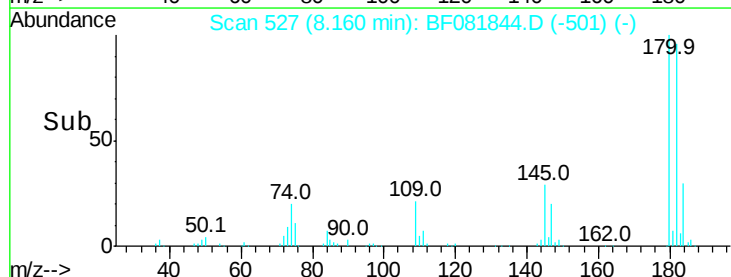
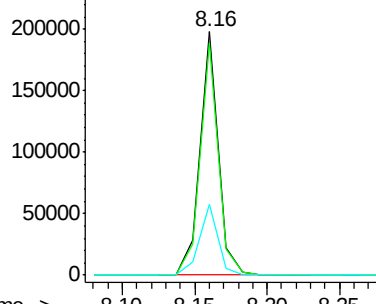


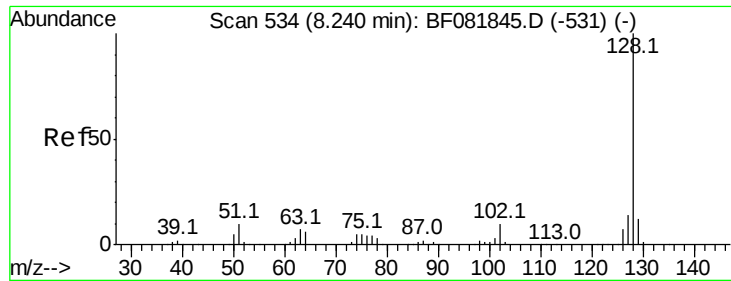
#30
 1,2,4-Trichlorobenzene
 Concen: 24.43 ng
 RT: 8.16 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF081844.D
 Acq: 28 Sep 2015 15:30

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.5	77.1	115.7
145	28.9	23.3	34.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





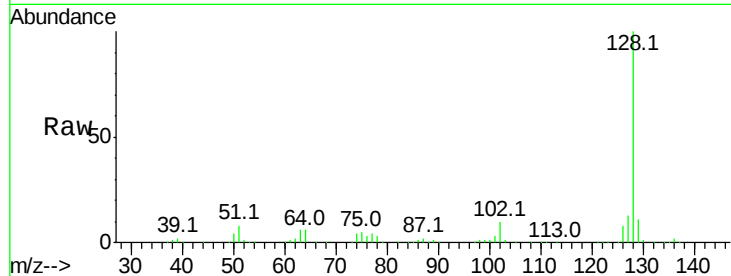
#31
Naphthalene
Concen: 24.41 ng
RT: 8.24 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF081844.D
Acq: 28 Sep 2015 15:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

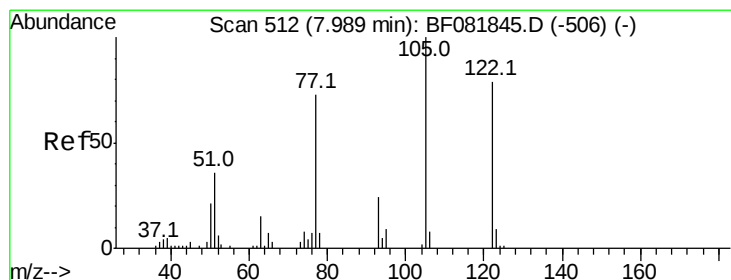
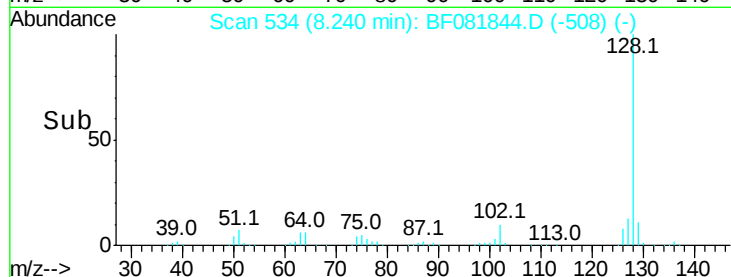
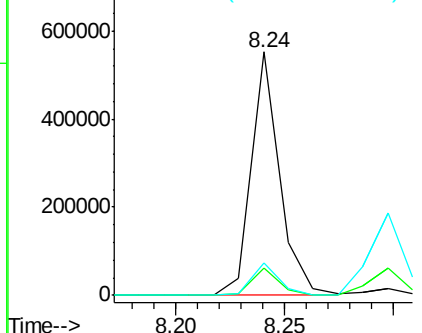
Tot Ion	Ratio	Resp	Lower	Upper
128	100	501217		
129	11.5		8.4	12.6
127	13.4		9.9	14.9

Manual Integrations
APPROVED

MMDadoda
9/29/2015 12:10:14 PM

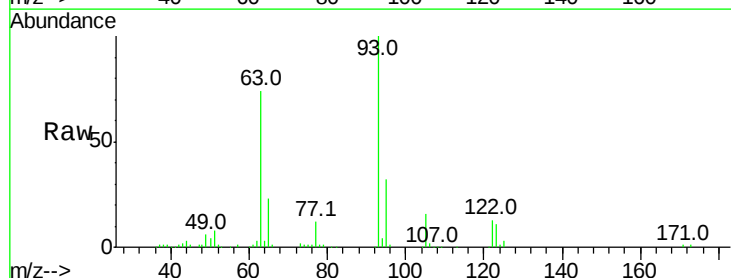


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

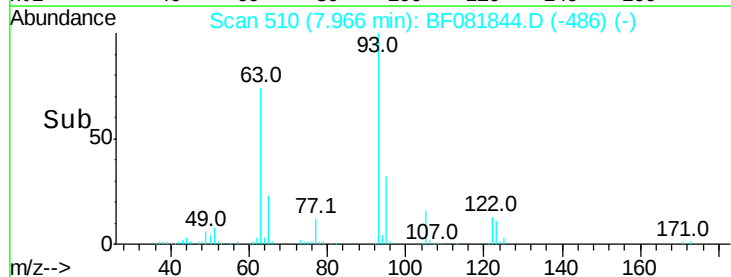
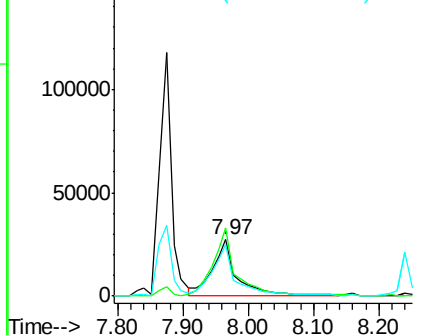


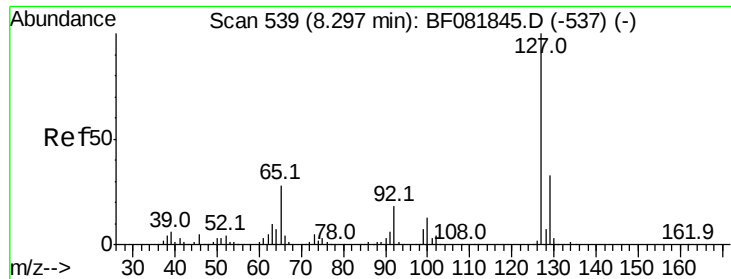
#32
Benzoic acid
Concen: 53.21 ng
RT: 7.97 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF081844.D
Acq: 28 Sep 2015 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	70208		
105	121.0		76.1	116.1#
77	91.9		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





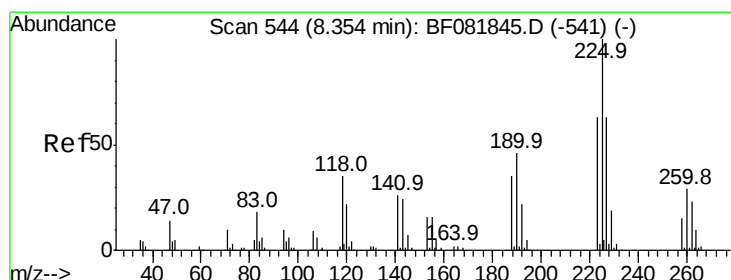
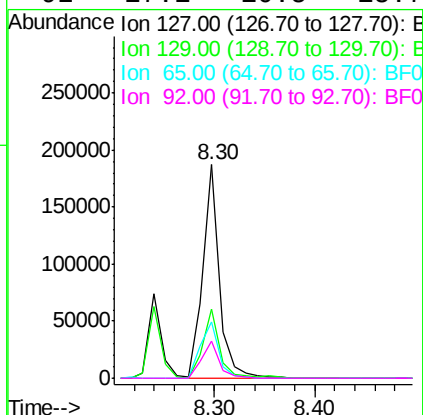
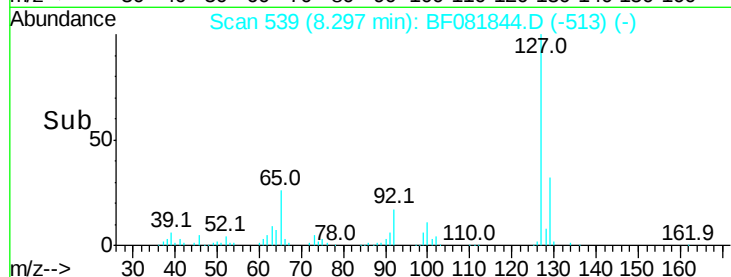
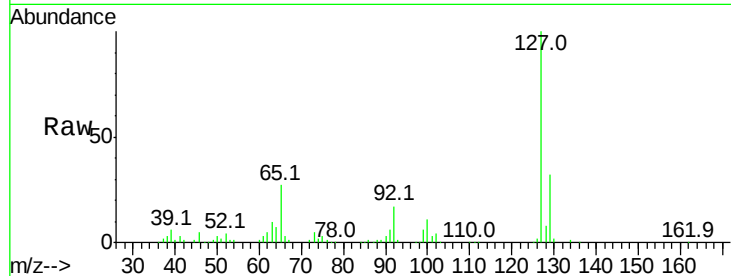
#33
4-Chloroaniline
Concen: 23.78 ng
RT: 8.30 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF081844.D
Acq: 28 Sep 2015 15:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.6
65	26.5	17.9	26.9
92	17.1	10.5	15.7

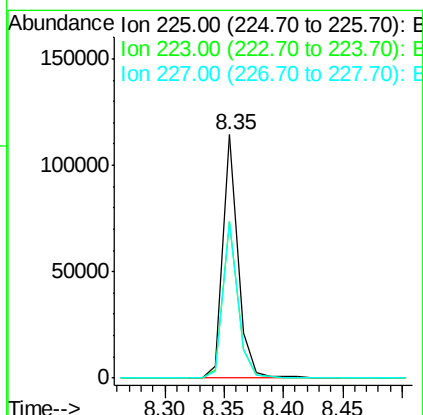
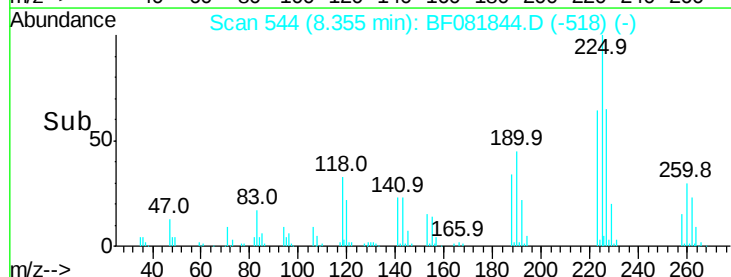
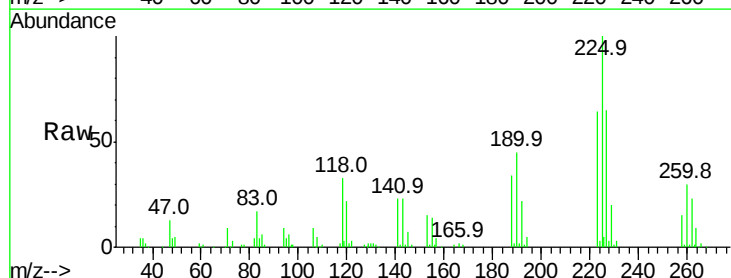
Manual Integrations
APPROVED

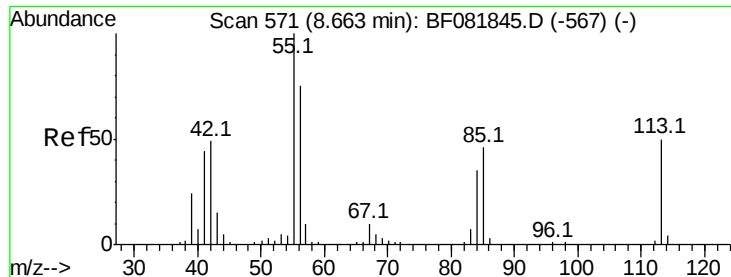
MMDadoda
9/29/2015 12:10:14 PM



#34
Hexachlorobutadiene
Concen: 24.02 ng
RT: 8.35 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF081844.D
Acq: 28 Sep 2015 15:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.2	75.2
227	64.5	52.2	78.2





#35

Caprolactam

Concen: 25.05 ng

RT: 8.65 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF081844.D

Acq: 28 Sep 2015 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:113 Resp: 42212

Ion Ratio Lower Upper

113 100

55 184.7 152.4 192.4

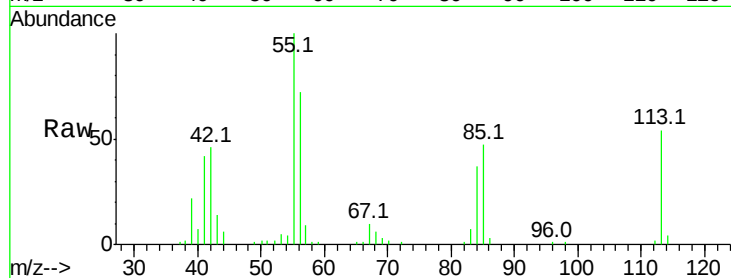
56 133.0 104.6 144.6

Manual Integrations

APPROVED

MMDadoda

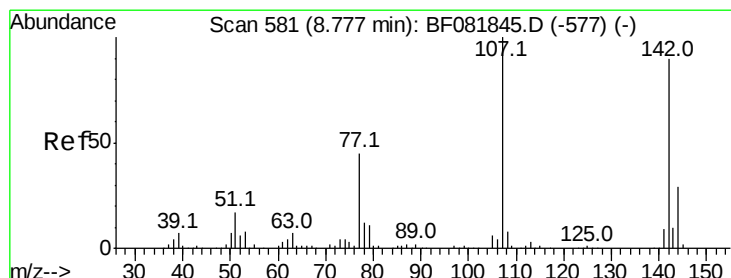
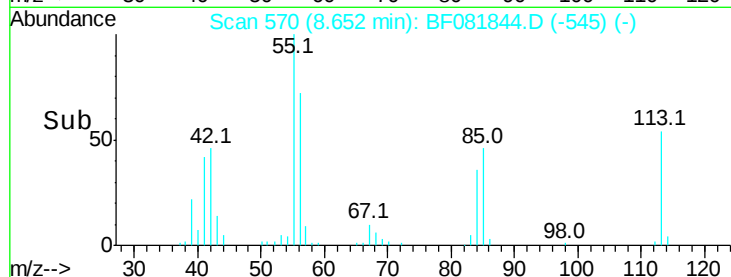
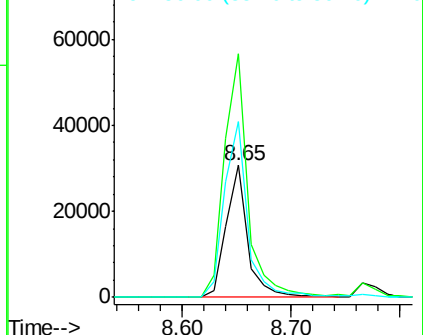
9/29/2015 12:10:14 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 23.12 ng

RT: 8.77 min Scan# 580

Delta R.T. -0.01 min

Lab File: BF081844.D

Acq: 28 Sep 2015 15:30

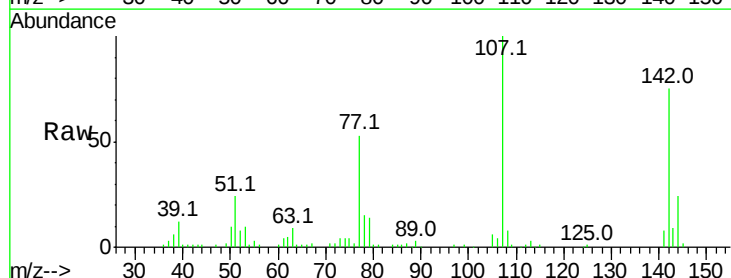
Tgt Ion:107 Resp: 146174

Ion Ratio Lower Upper

107 100

144 23.6 25.4 38.0#

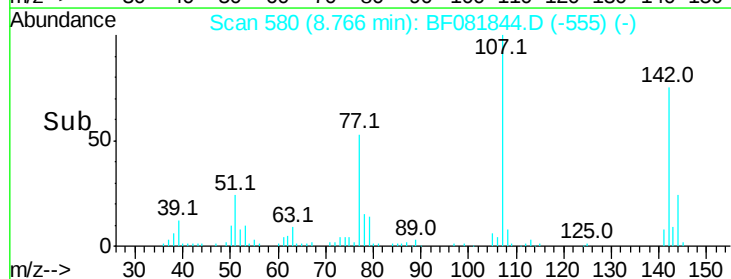
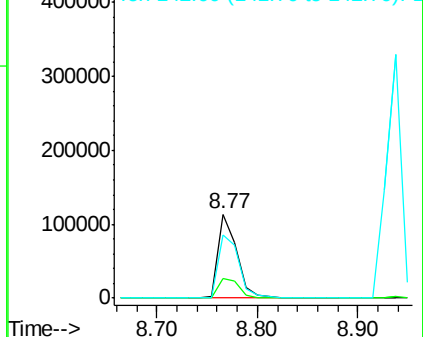
142 75.0 77.3 115.9#

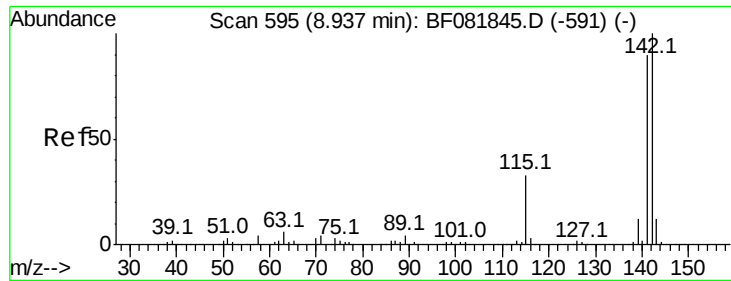


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





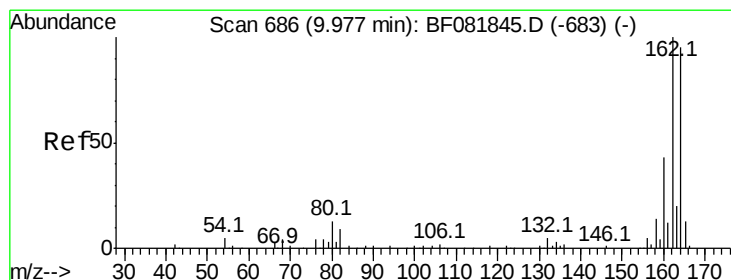
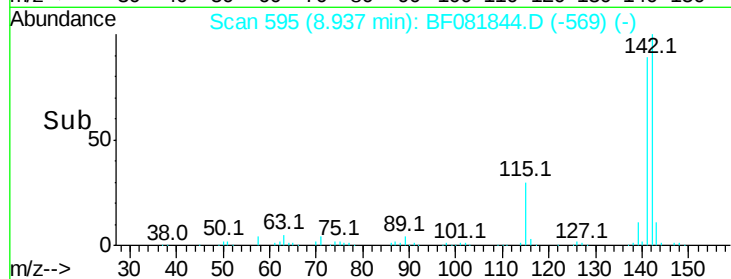
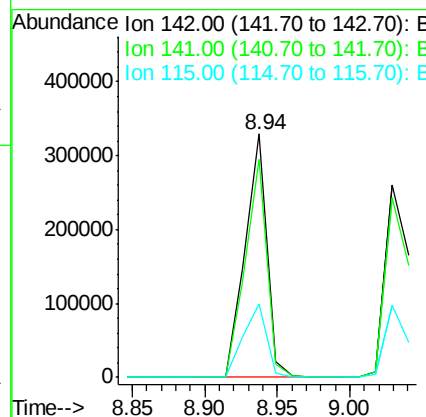
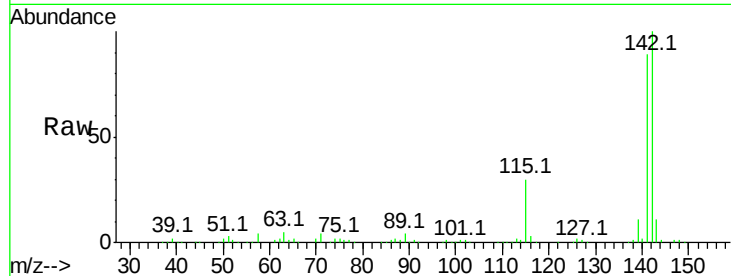
#37
2-Methylnaphthalene
Concen: 23.54 ng
RT: 8.94 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF081844.D
Acq: 28 Sep 2015 15:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	67.5	101.3
115	30.3	18.2	27.2

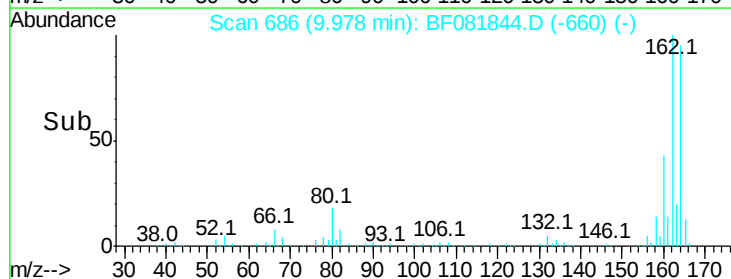
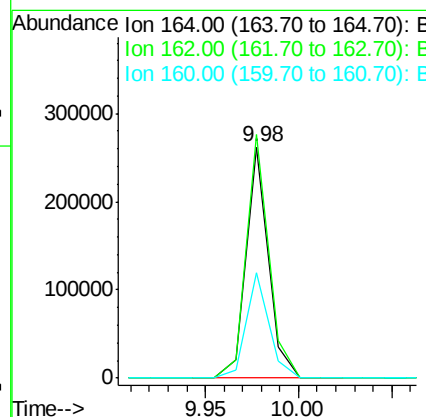
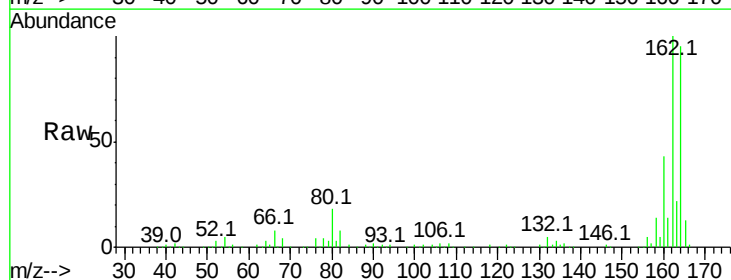
Manual Integrations
APPROVED

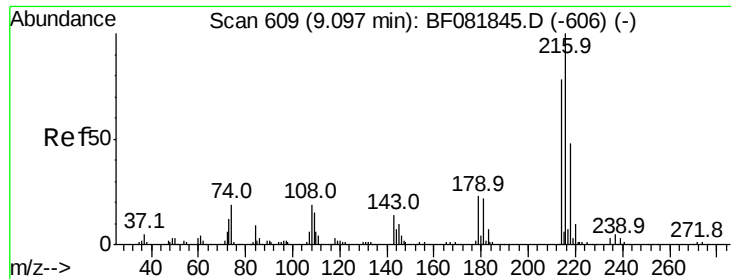
MMDadoda
9/29/2015 12:10:14 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF081844.D
Acq: 28 Sep 2015 15:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	75.2	112.8
160	45.3	31.5	47.3





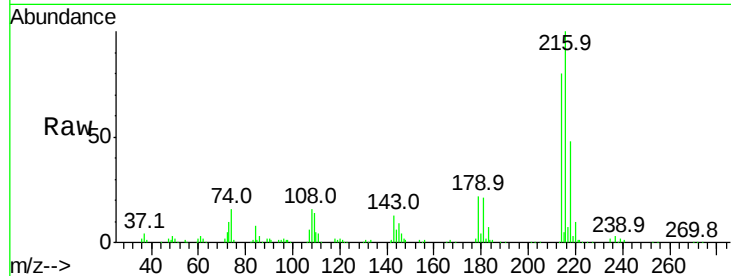
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 24.19 ng
 RT: 9.10 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF081844.D
 Acq: 28 Sep 2015 15:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

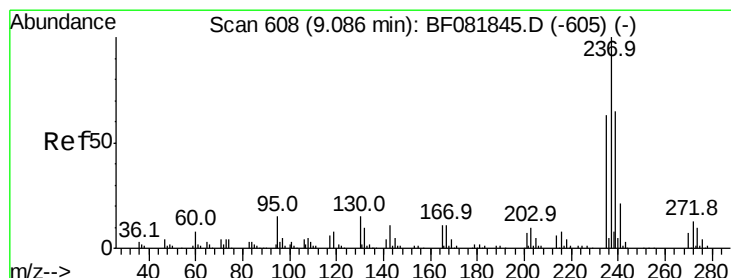
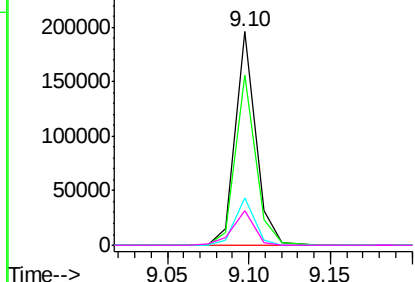
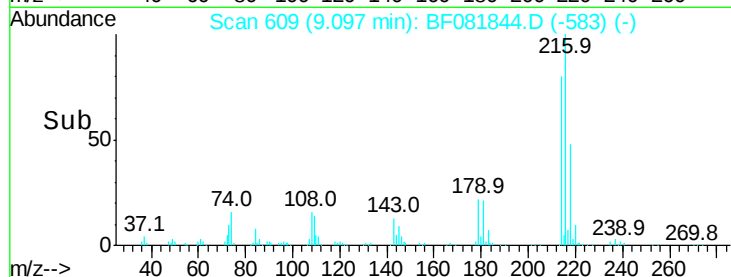
Tot Ion	Ratio	Resp	Lower	Upper
216	100	168714		
214	79.2	63.5	95.3	
179	21.4	16.6	24.8	
108	17.4	16.3	24.5	

Manual Integrations
 APPROVED

MMDadoda
 9/29/2015 12:10:14 PM

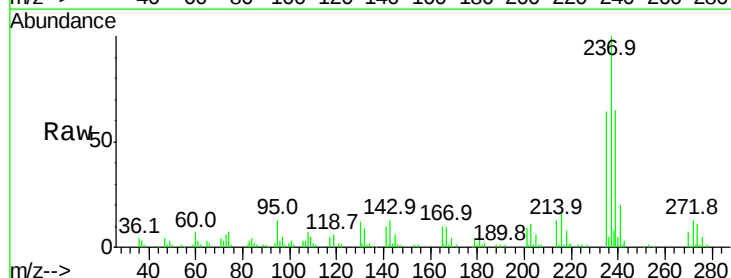


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

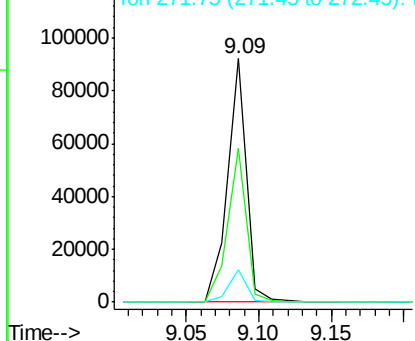
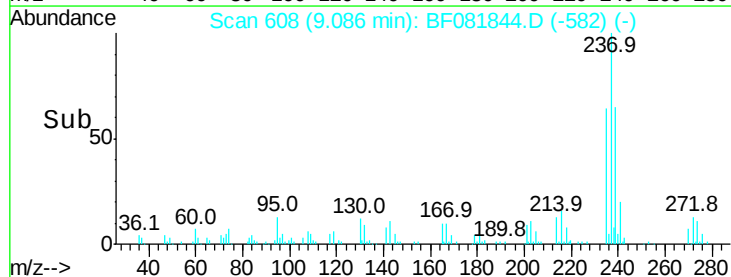


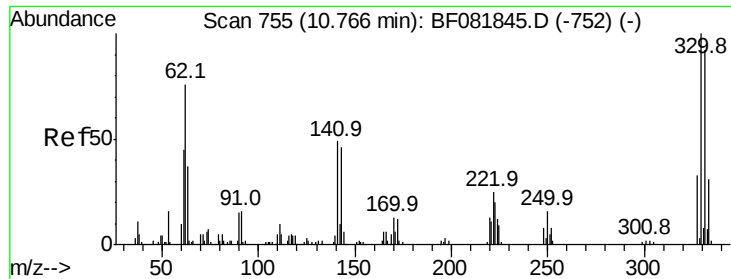
#40
 Hexachlorocyclopentadiene
 Concen: 27.93 ng
 RT: 9.09 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF081844.D
 Acq: 28 Sep 2015 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	83493		
235	63.5	42.0	82.0	
272	13.3	0.0	36.1	



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





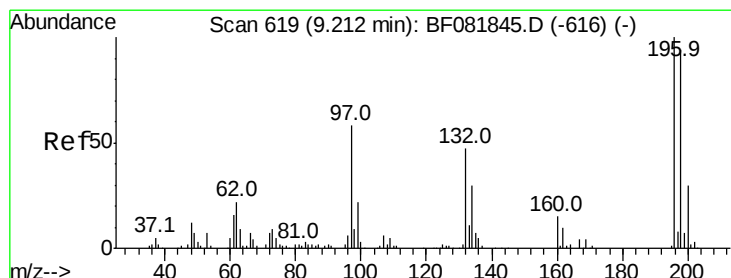
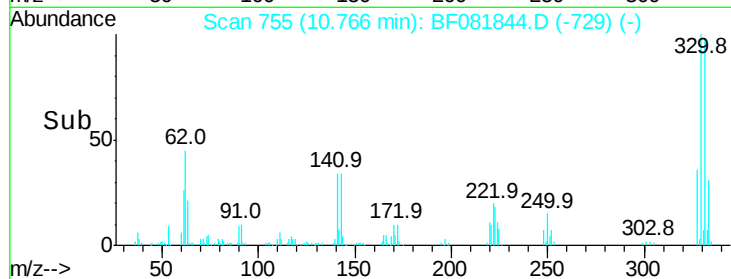
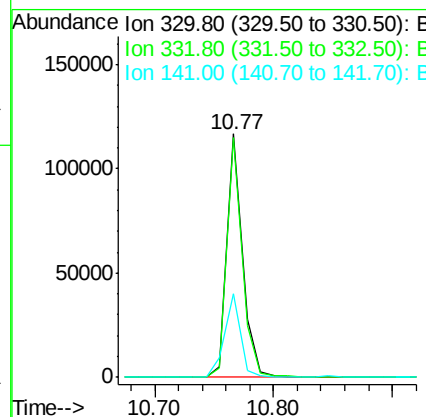
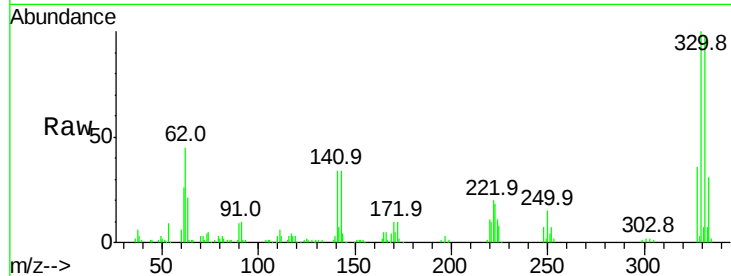
#41
 2,4,6-Tribromophenol
 Concen: 55.80 ng
 RT: 10.77 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF081844.D
 Acq: 28 Sep 2015 15:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.3	76.6	114.8	
141	34.6	29.7	44.5	

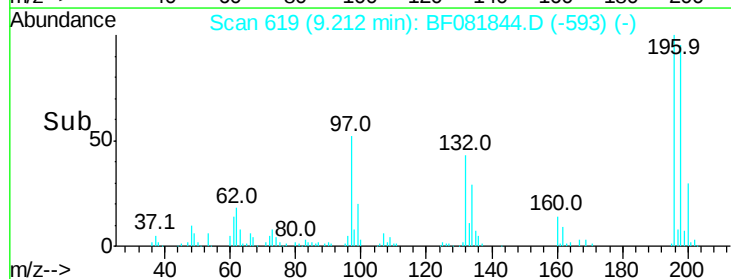
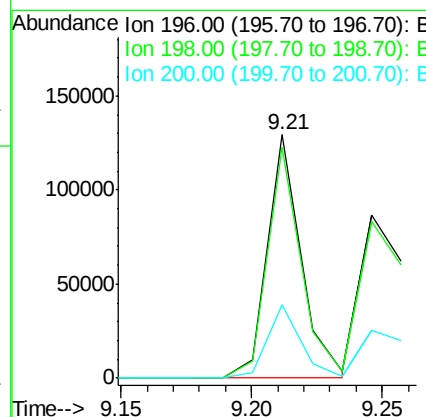
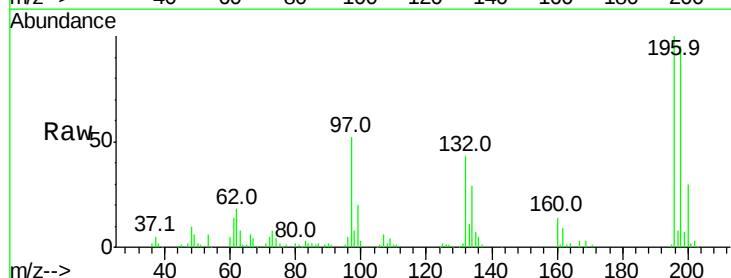
Manual Integrations
 APPROVED

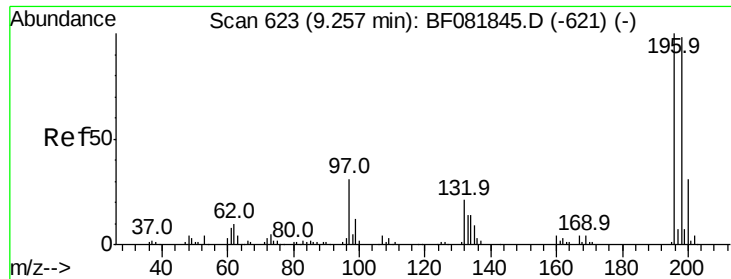
MMDadoda
 9/29/2015 12:10:14 PM



#42
 2,4,6-Trichlorophenol
 Concen: 25.05 ng
 RT: 9.21 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF081844.D
 Acq: 28 Sep 2015 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.8	75.7	113.5	
200	30.2	23.9	35.9	





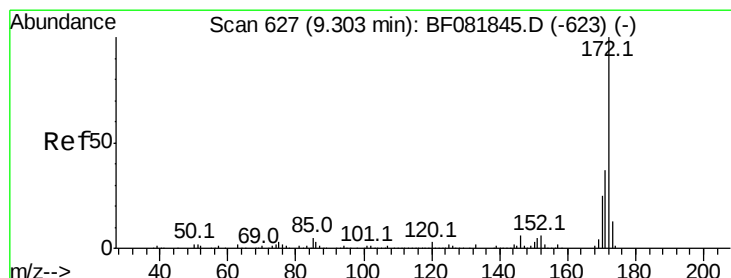
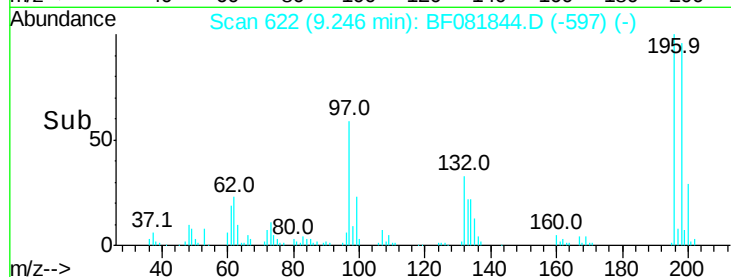
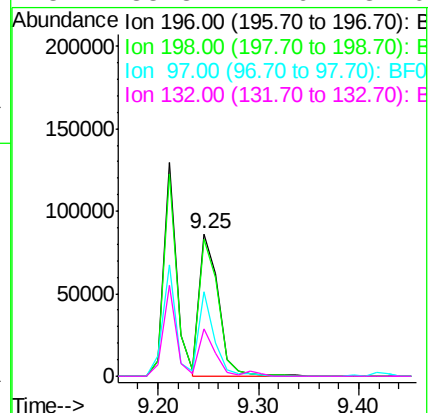
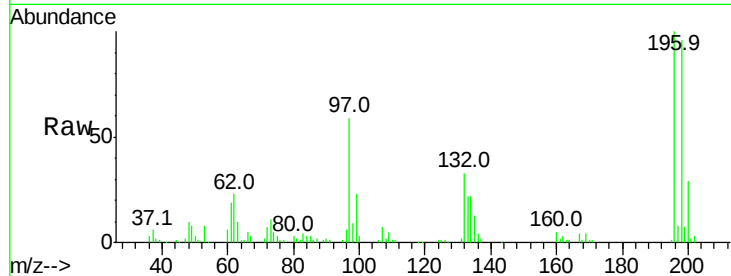
#43
 2,4,5-Trichlorophenol
 Concen: 25.27 ng
 RT: 9.25 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF081844.D
 Acq: 28 Sep 2015 15:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Resp	Lower	Upper
196	100	114247		
198	96.0	75.4	113.0	
97	59.3	33.3	49.9	
132	33.3	24.6	37.0	

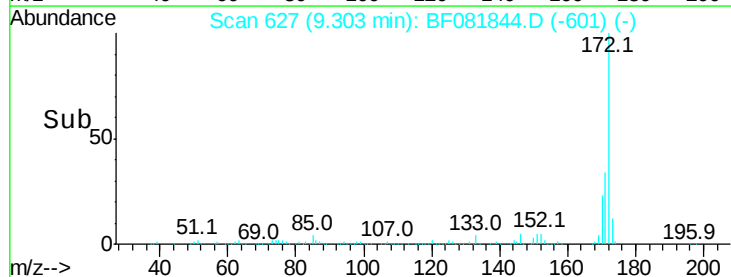
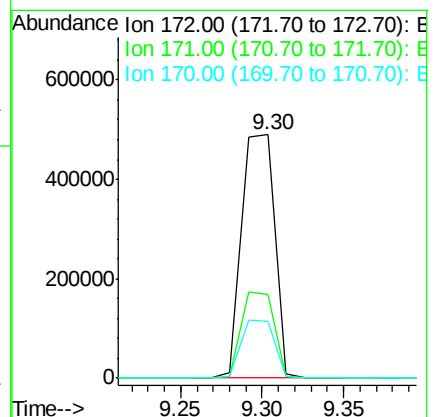
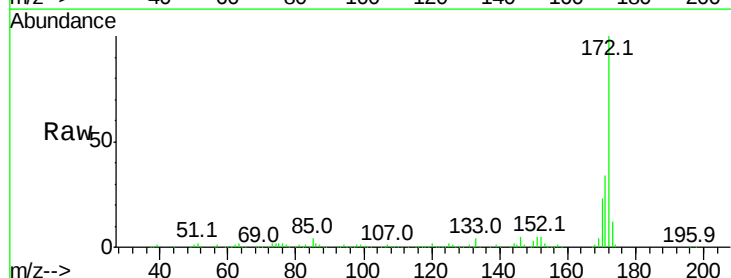
Manual Integrations
 APPROVED

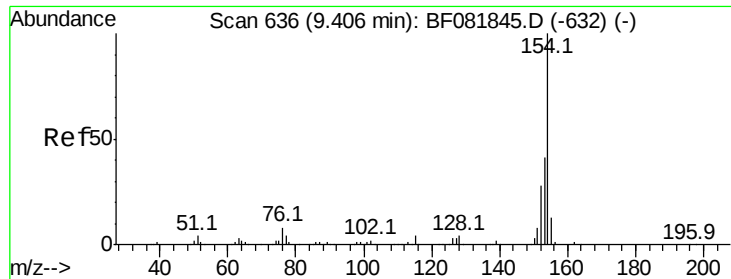
MMDadoda
 9/29/2015 12:10:14 PM



#44
 2-Fluorobiphenyl
 Concen: 51.46 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF081844.D
 Acq: 28 Sep 2015 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	685141		
171	34.2	26.1	39.1	
170	23.1	17.4	26.2	





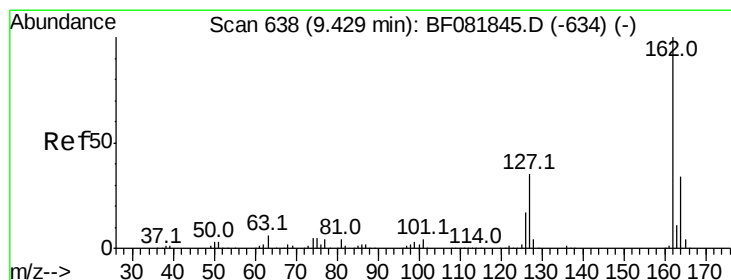
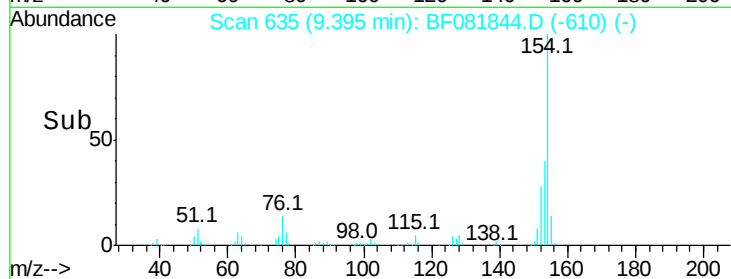
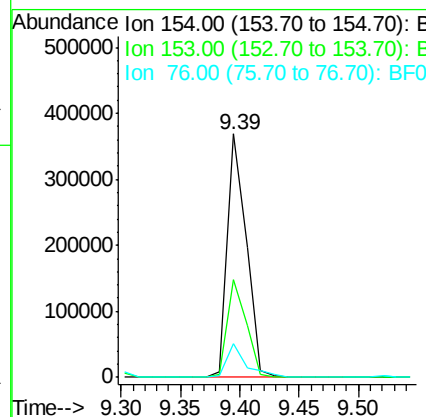
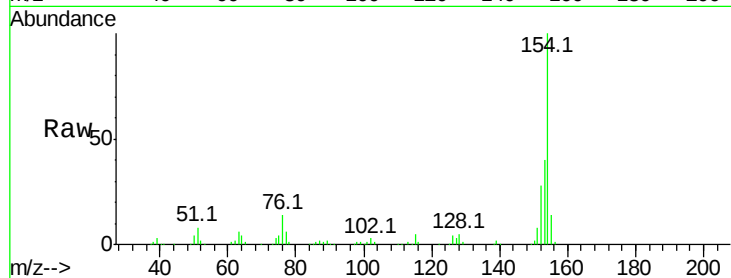
#45
 1,1'-Biphenyl
 Concen: 23.58 ng
 RT: 9.39 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF081844.D
 Acq: 28 Sep 2015 15:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.2	17.1	57.1	
76	13.8	0.0	31.6	

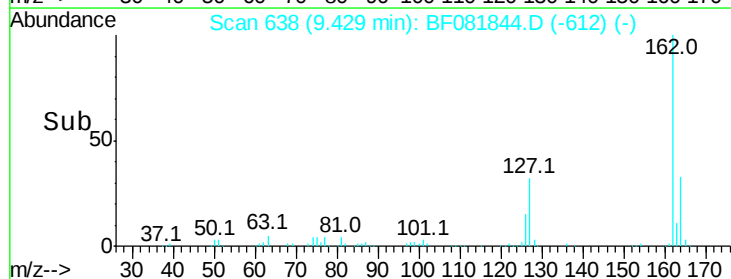
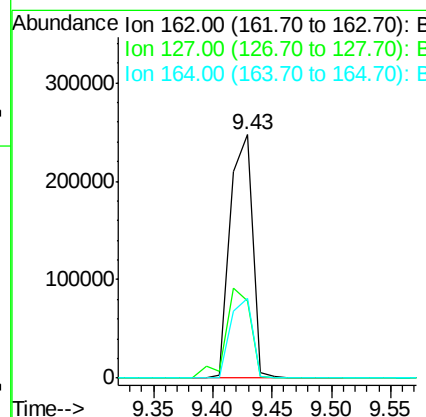
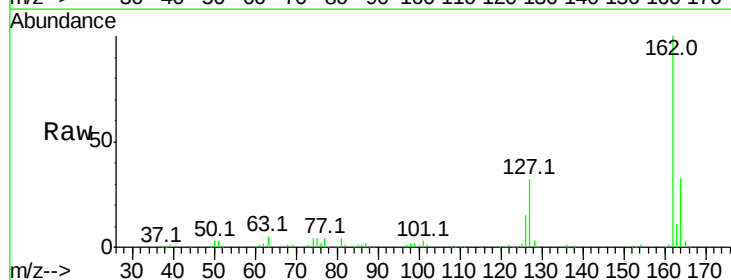
Manual Integrations
 APPROVED

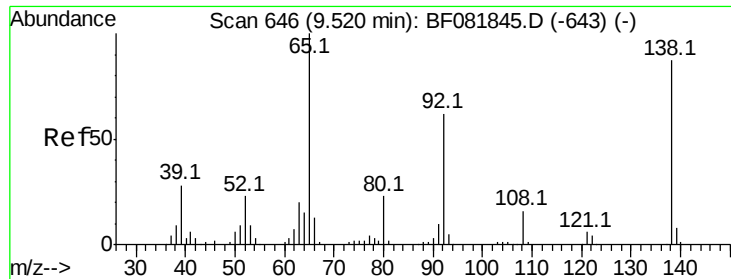
MMDadoda
 9/29/2015 12:10:14 PM



#46
 2-Chloronaphthalene
 Concen: 23.38 ng
 RT: 9.43 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF081844.D
 Acq: 28 Sep 2015 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	31.8	27.6	41.4	
164	33.0	25.4	38.2	





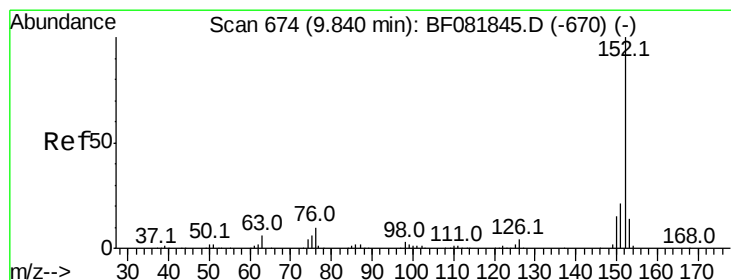
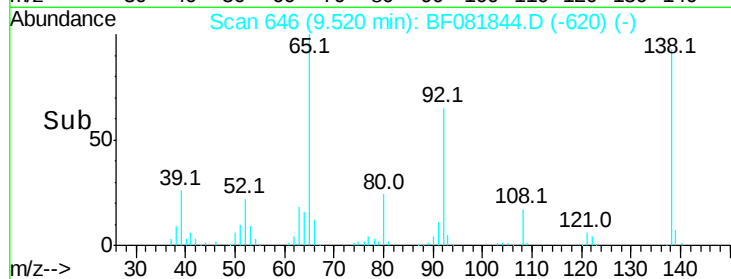
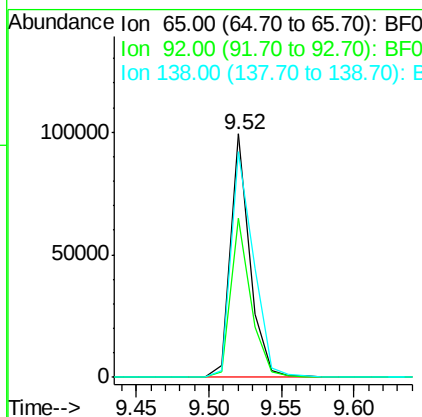
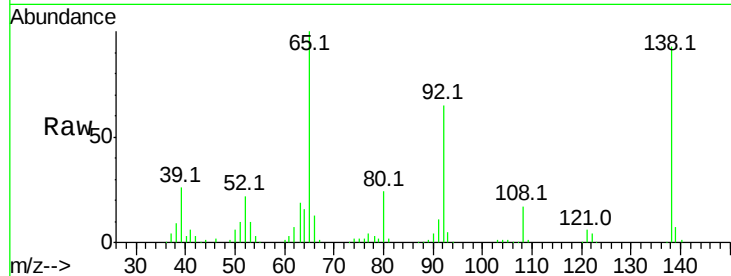
#47
2-Nitroaniline
Concen: 25.21 ng
RT: 9.52 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF081844.D
Acq: 28 Sep 2015 15:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.3	55.4	83.0
138	92.6	115.5	173.3

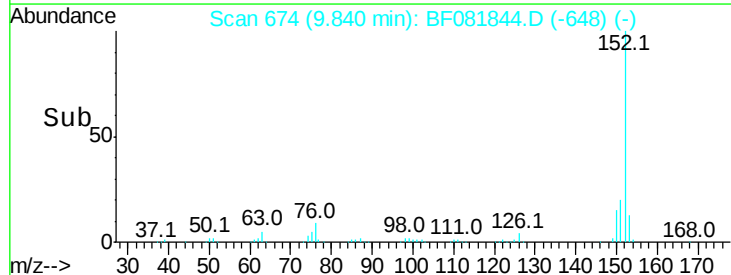
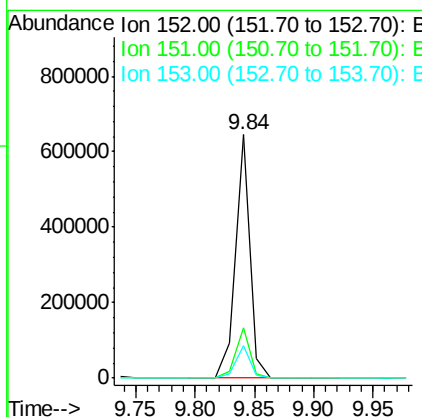
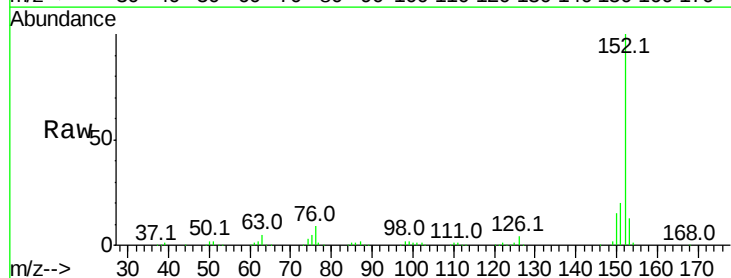
Manual Integrations
APPROVED

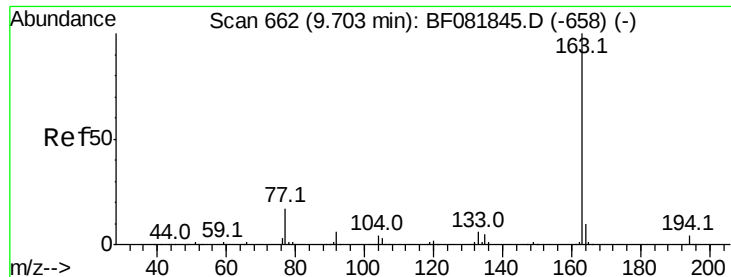
MMDadoda
9/29/2015 12:10:14 PM



#48
Acenaphthylene
Concen: 23.42 ng
RT: 9.84 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF081844.D
Acq: 28 Sep 2015 15:30

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	14.6	22.0
153	13.3	10.3	15.5





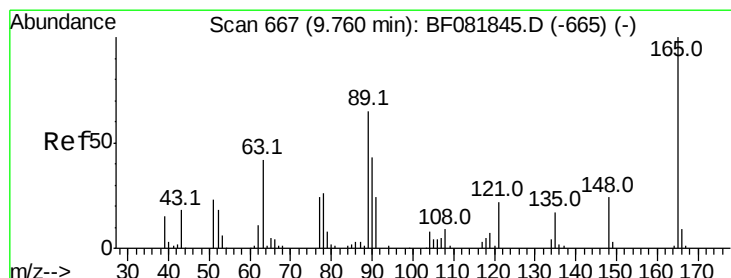
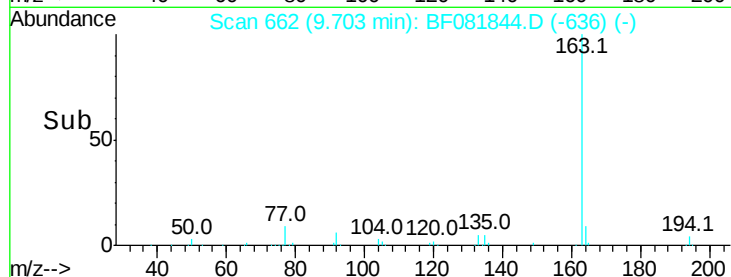
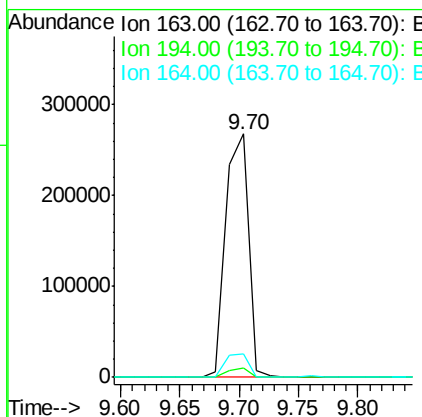
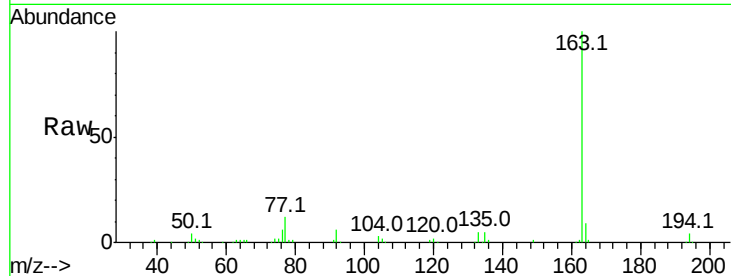
#49
Dimethylphthalate
Concen: 21.39 ng
RT: 9.70 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF081844.D
Acq: 28 Sep 2015 15:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
163	100	355711		
194	4.0		4.4	6.6#
164	9.4		8.3	12.5

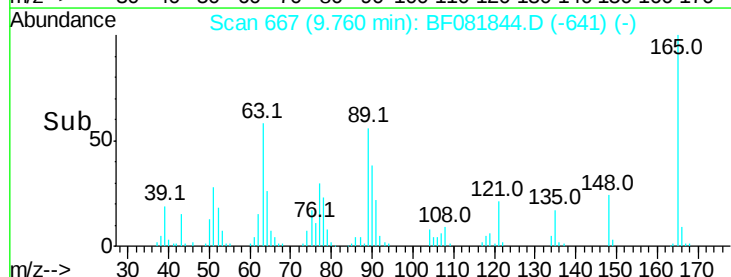
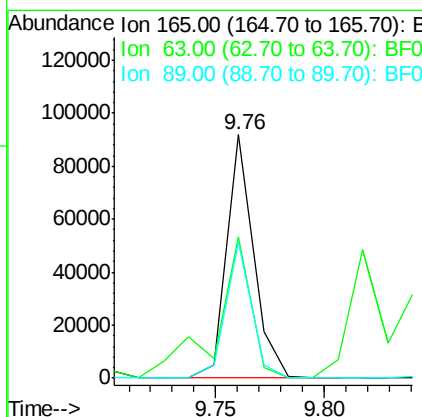
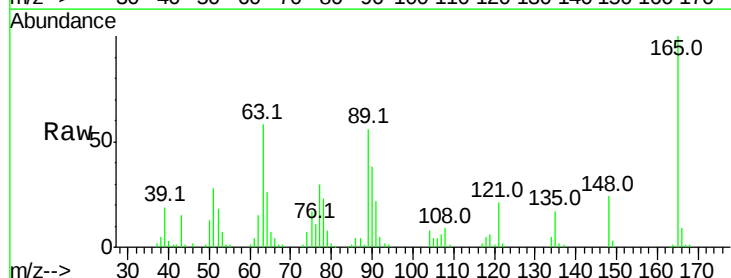
Manual Integrations
APPROVED

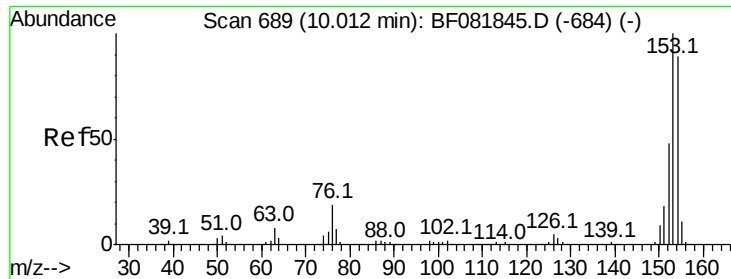
MMDadoda
9/29/2015 12:10:14 PM



#50
2,6-Dinitrotoluene
Concen: 24.55 ng
RT: 9.76 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF081844.D
Acq: 28 Sep 2015 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	78800		
63	57.8		32.3	48.5#
89	55.7		28.6	43.0#





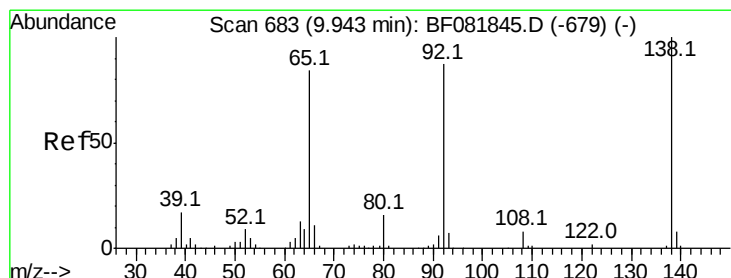
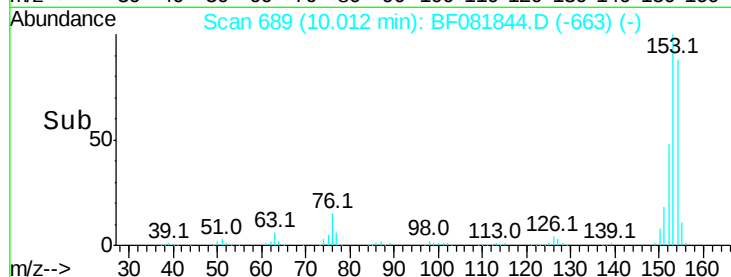
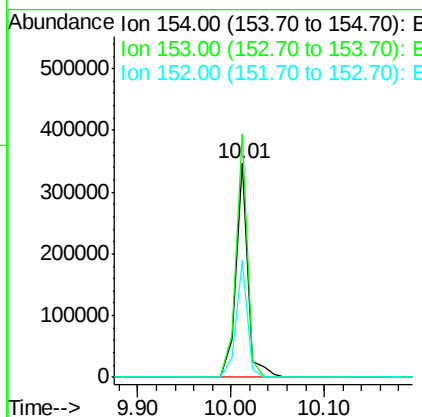
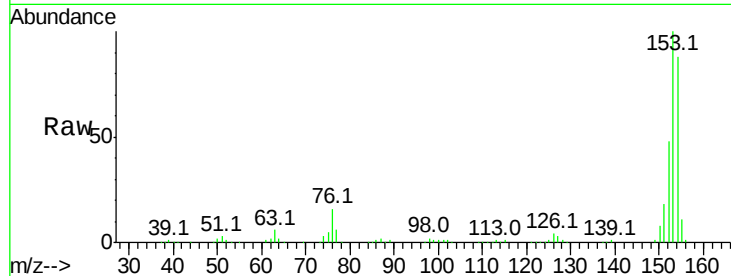
#51
Acenaphthene
Concen: 23.32 ng
RT: 10.01 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF081844.D
Acq: 28 Sep 2015 15:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.9	82.1	123.1
152	54.6	37.9	56.9

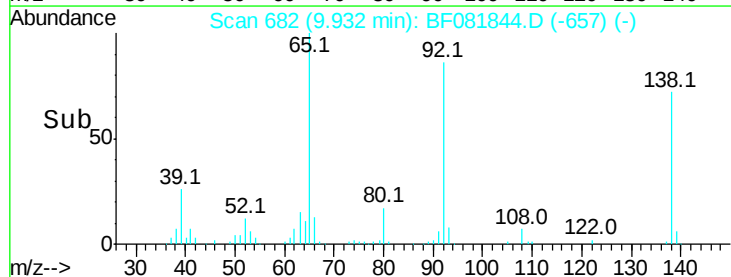
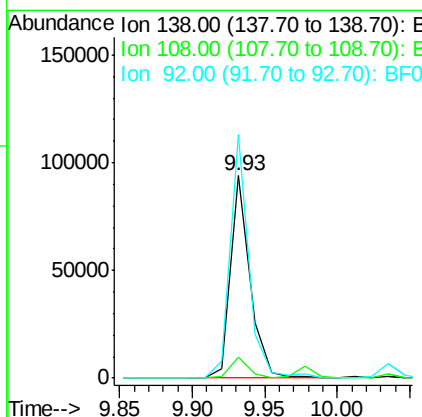
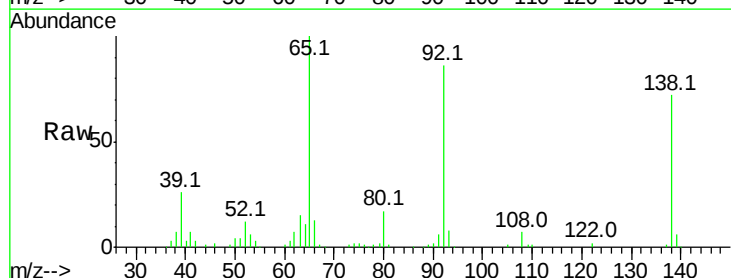
Manual Integrations
APPROVED

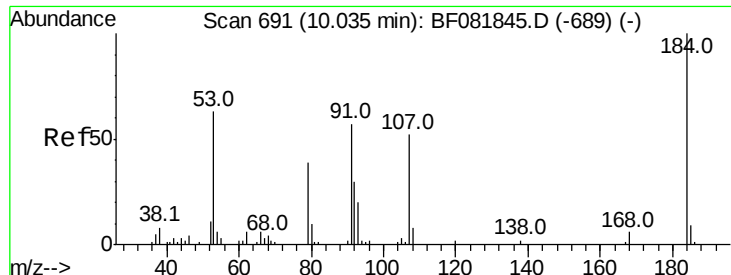
MMDadoda
9/29/2015 12:10:14 PM



#52
3-Nitroaniline
Concen: 25.38 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF081844.D
Acq: 28 Sep 2015 15:30

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.3	5.7	8.5#
92	120.2	67.7	101.5#





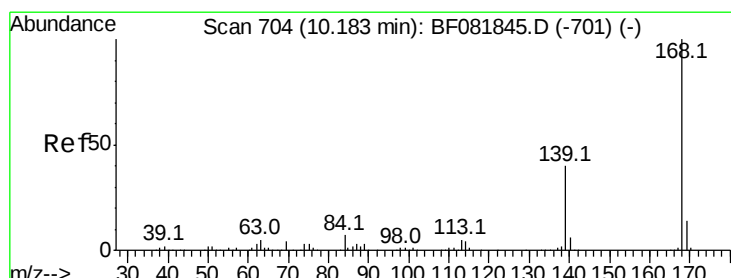
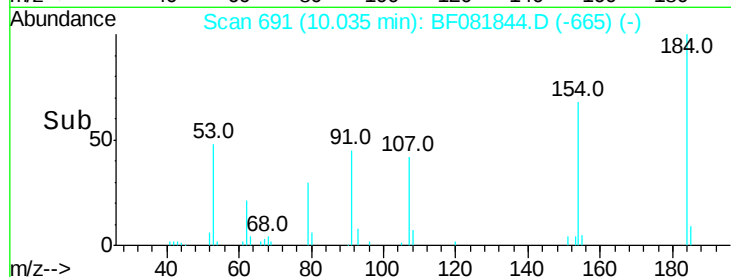
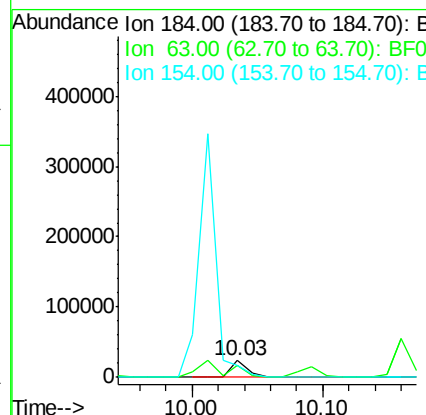
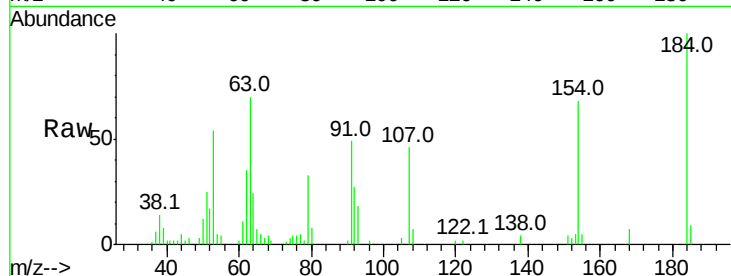
#53
 2,4-Dinitrophenol
 Concen: 70.98 ng
 RT: 10.03 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF081844.D
 Acq: 28 Sep 2015 15:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	69.5	35.4	53.2#	
154	68.4	32.2	48.4#	

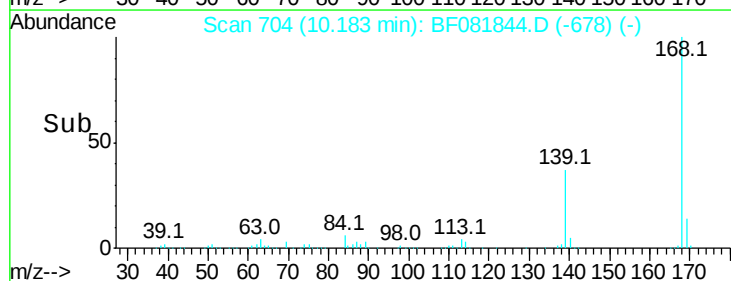
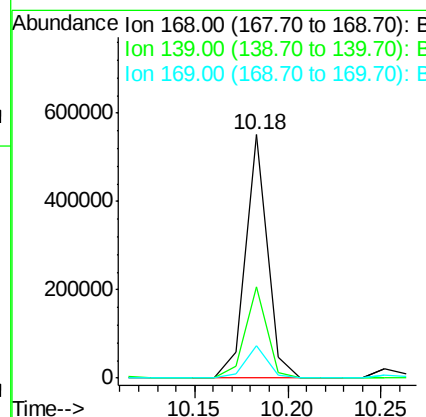
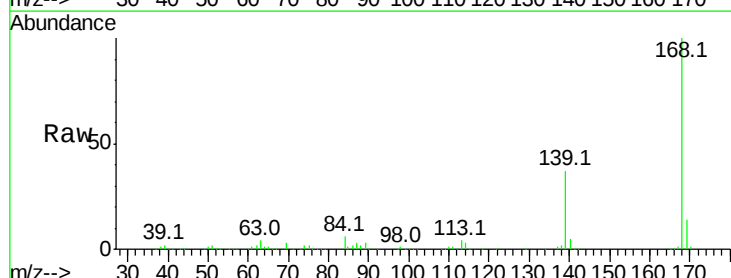
Manual Integrations
 APPROVED

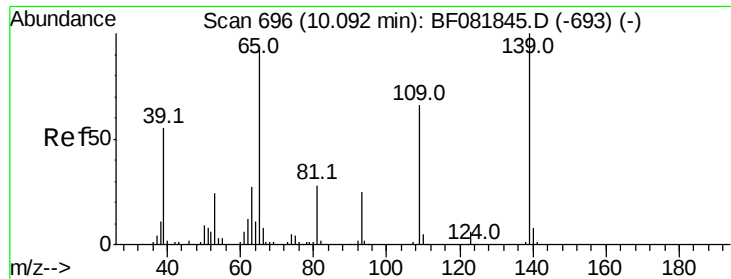
MMDadoda
 9/29/2015 12:10:14 PM



#54
 Dibenzofuran
 Concen: 23.02 ng
 RT: 10.18 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF081844.D
 Acq: 28 Sep 2015 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.5	24.2	36.2#	
169	13.5	10.6	15.8	





#55

4-Nitrophenol

Concen: 28.74 ng

RT: 10.09 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF081844.D

Acq: 28 Sep 2015 15:30

Instrument :

BNA_F

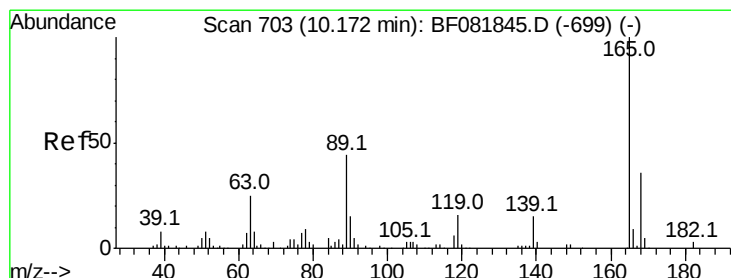
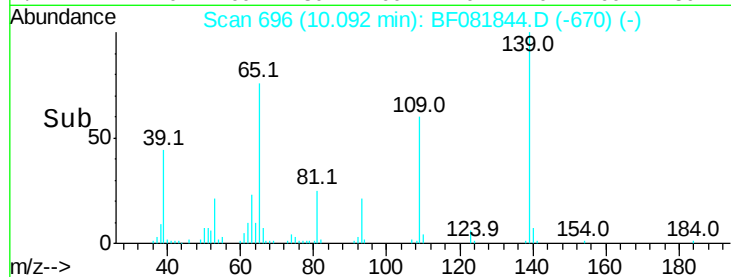
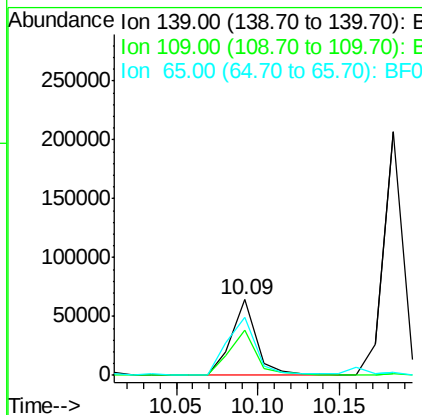
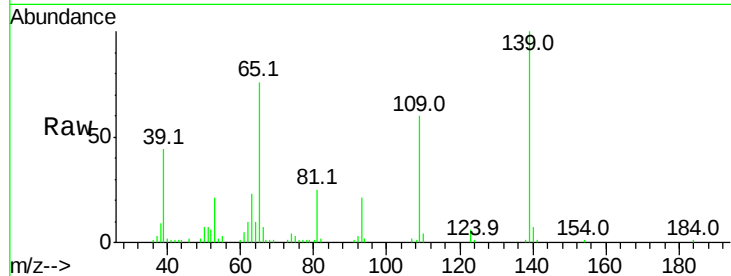
ClientSampleId :

SSTDIC025

Tot Ion	Ratio	Lower	Upper
139	100		
109	60.5	12.7	52.7#
65	76.0	45.9	85.9

Manual Integrations
APPROVED

MMDadoda
9/29/2015 12:10:14 PM



#56

2,4-Dinitrotoluene

Concen: 25.44 ng

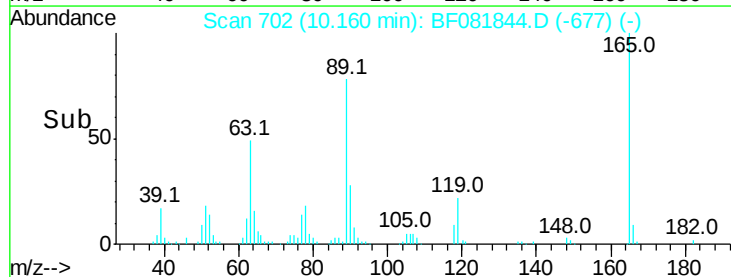
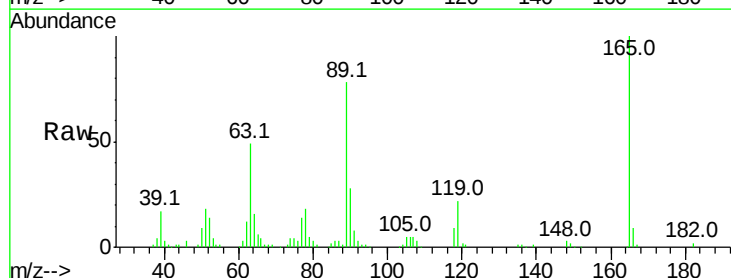
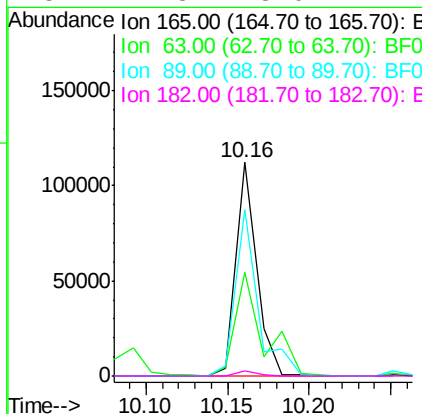
RT: 10.16 min Scan# 702

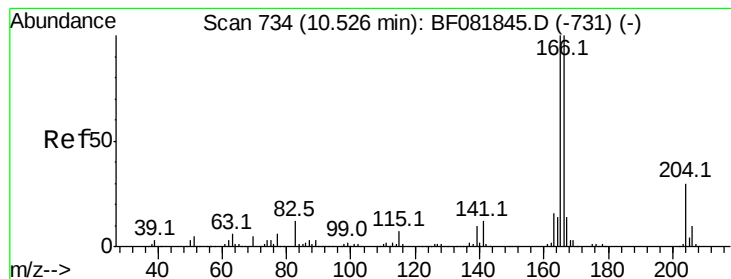
Delta R.T. -0.01 min

Lab File: BF081844.D

Acq: 28 Sep 2015 15:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.6	29.8	44.6#
89	77.7	44.5	66.7#
182	2.3	3.0	4.4#





#57

Fluorene

Concen: 23.69 ng

RT: 10.53 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF081844.D

Acq: 28 Sep 2015 15:30

Instrument :

BNA_F

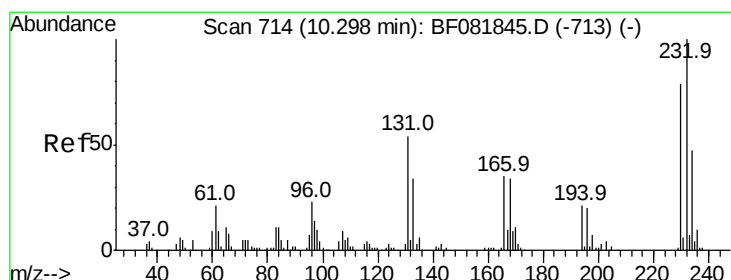
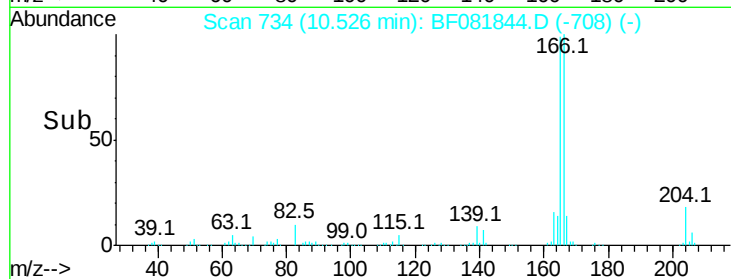
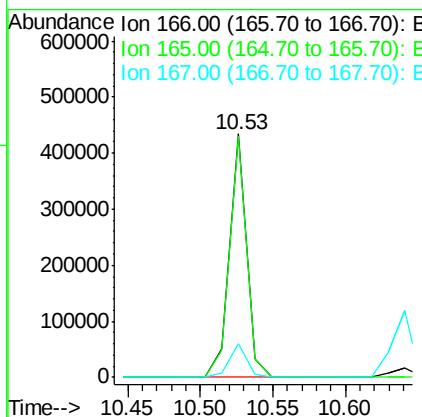
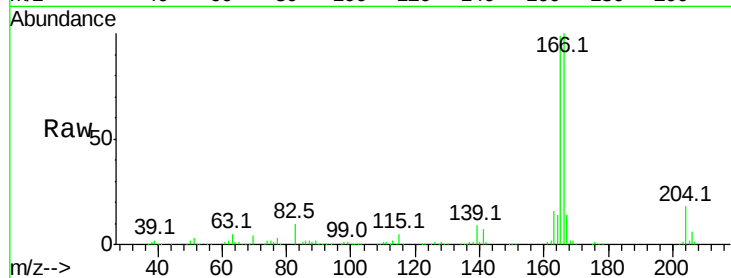
ClientSampleId :

SSTDICC025

Tot Ion:	166	Resp:	357519
Ion Ratio	Lower	Upper	
166	100		
165	99.0	72.6	109.0
167	13.6	10.6	16.0

Manual Integrations
APPROVED

MMDadoda
9/29/2015 12:10:14 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 26.76 ng

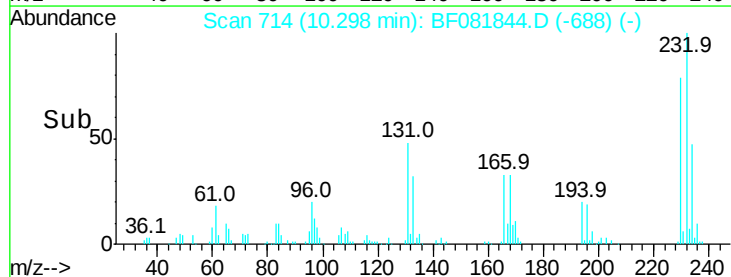
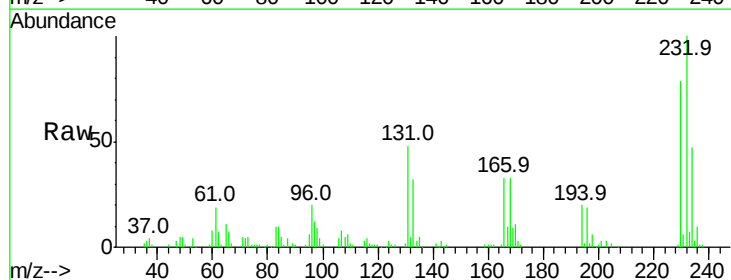
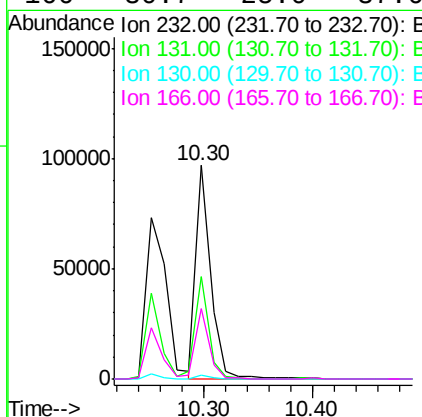
RT: 10.30 min Scan# 714

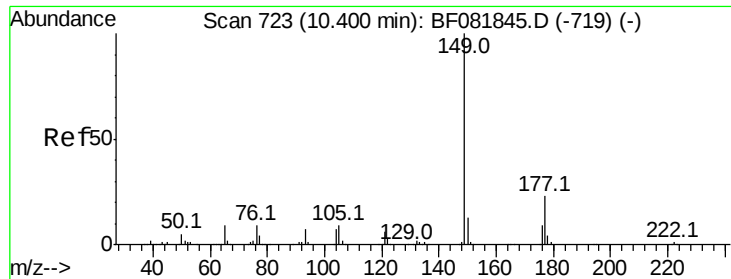
Delta R.T. 0.00 min

Lab File: BF081844.D

Acq: 28 Sep 2015 15:30

Tgt Ion:	232	Resp:	92354
Ion Ratio	Lower	Upper	
232	100		
131	43.9	38.5	57.7
130	1.8	1.8	2.6
166	30.7	25.0	37.6





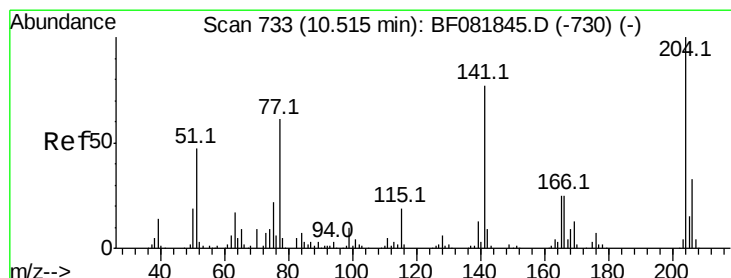
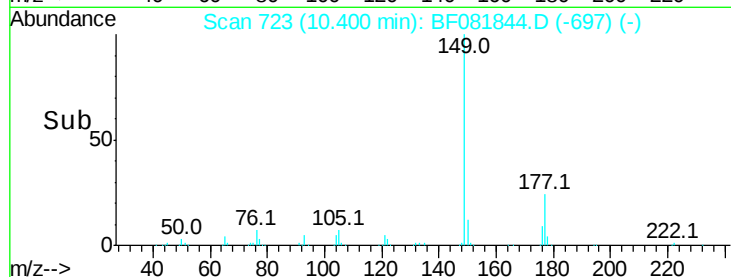
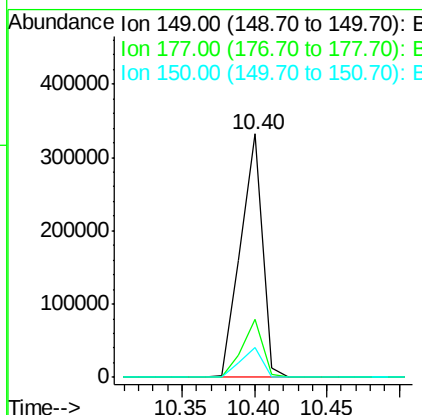
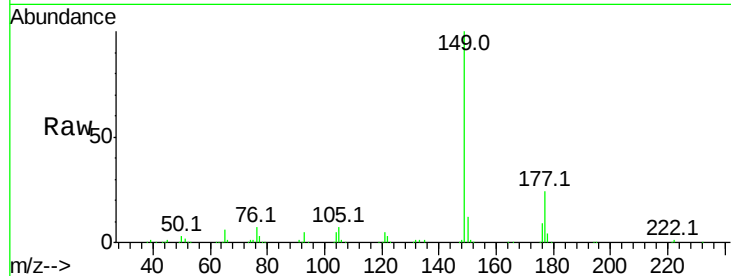
#59
Diethylphthalate
Concen: 21.66 ng
RT: 10.40 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF081844.D
Acq: 28 Sep 2015 15:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
149	100	348960		
177	23.9		17.5	26.3
150	12.1		9.4	14.2

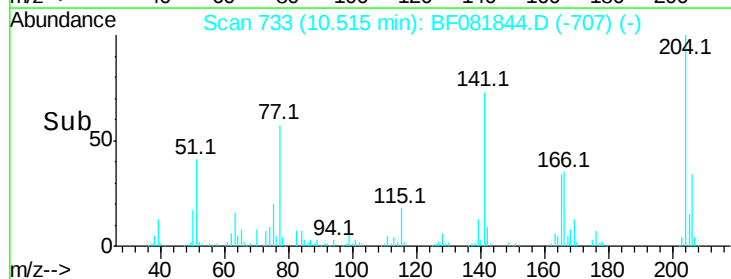
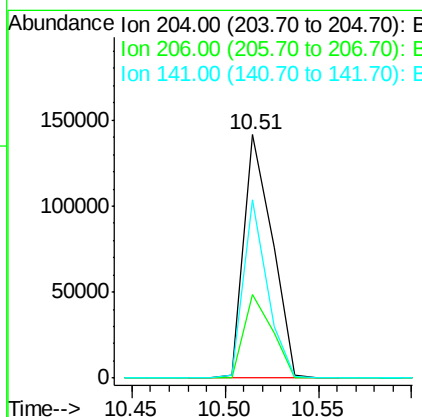
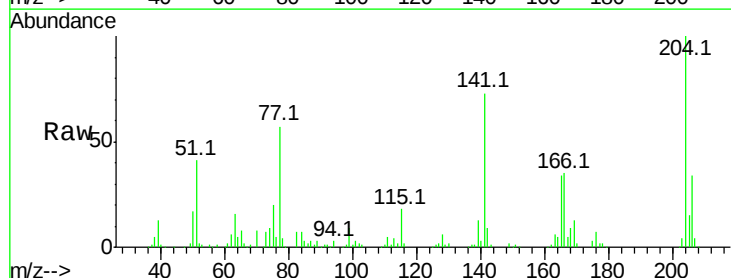
Manual Integrations
APPROVED

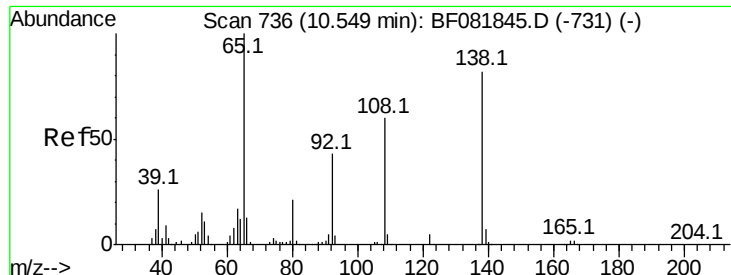
MMDadoda
9/29/2015 12:10:14 PM



#60
4-Chlorophenyl-phenylether
Concen: 21.84 ng
RT: 10.51 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF081844.D
Acq: 28 Sep 2015 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	151339		
206	34.2		24.8	37.2
141	73.1		42.2	63.4





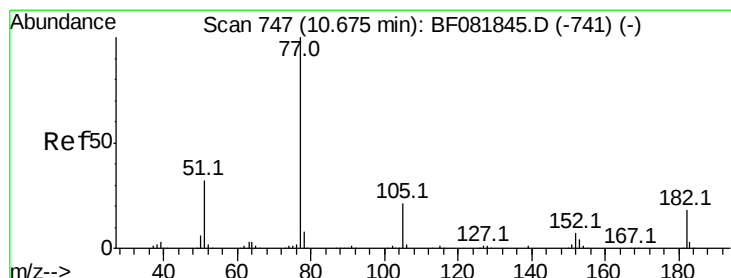
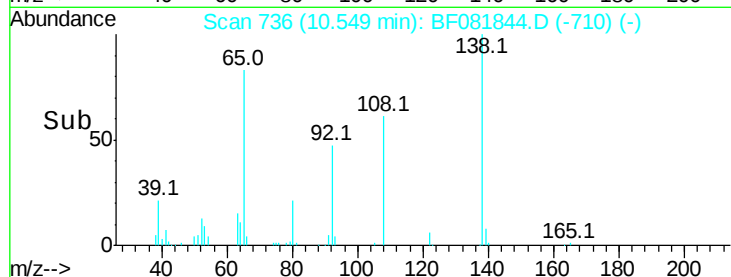
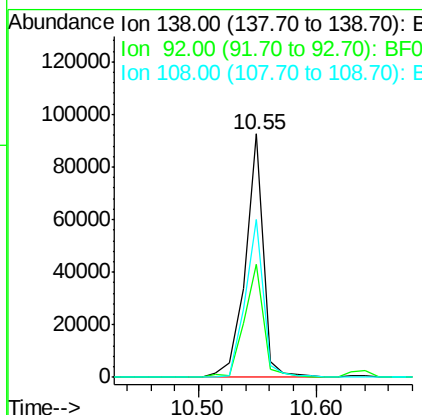
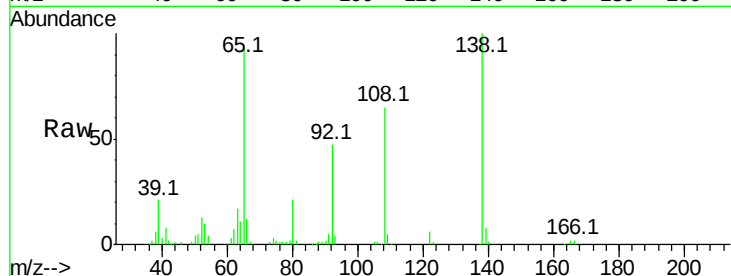
#61
4-Nitroaniline
Concen: 29.00 ng
RT: 10.55 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF081844.D
Acq: 28 Sep 2015 15:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.5	12.6	52.6
108	64.7	12.4	52.4

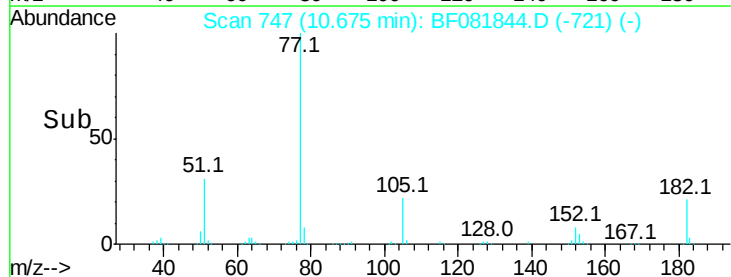
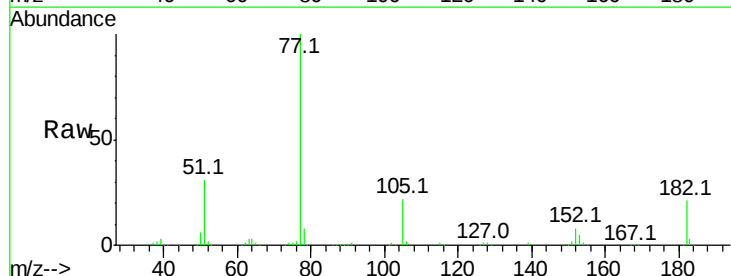
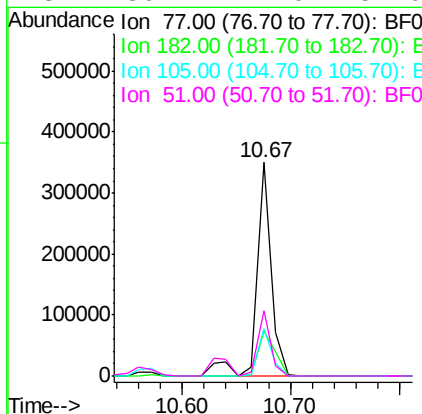
Manual Integrations
APPROVED

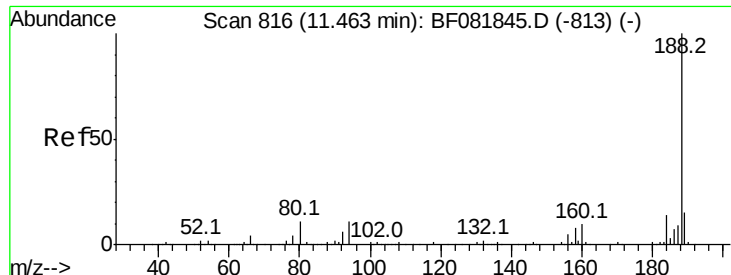
MMDadoda
9/29/2015 12:10:14 PM



#62
Azobenzene
Concen: 20.23 ng
RT: 10.67 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF081844.D
Acq: 28 Sep 2015 15:30

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.0	15.1	55.1
105	22.3	3.4	43.4
51	30.7	12.0	52.0





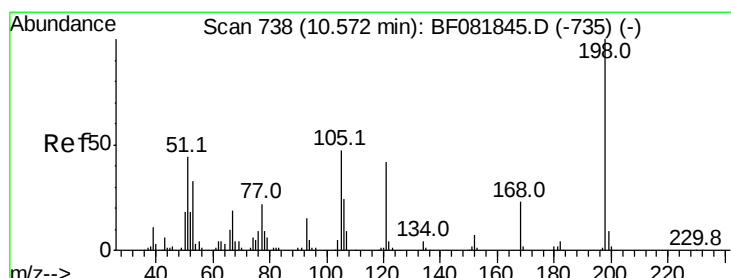
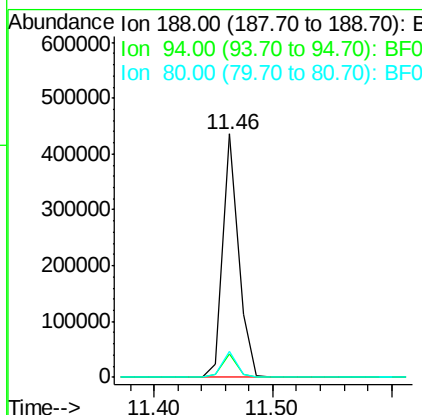
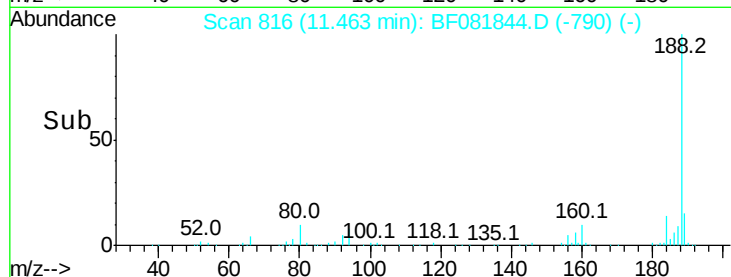
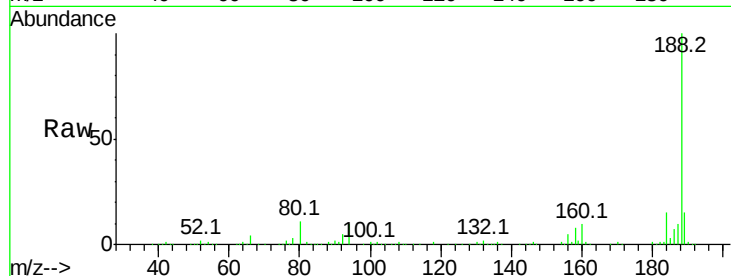
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF081844.D
Acq: 28 Sep 2015 15:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.8	11.1	16.7#	
80	10.6	11.0	16.4#	

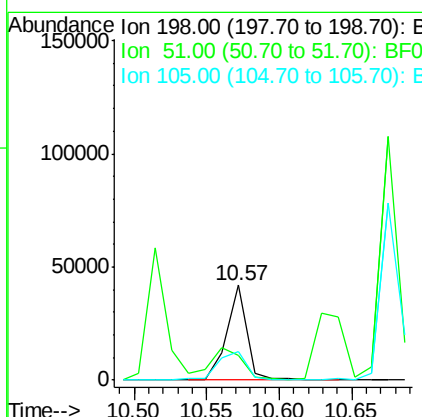
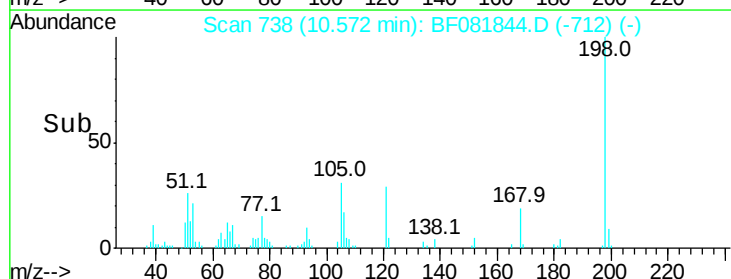
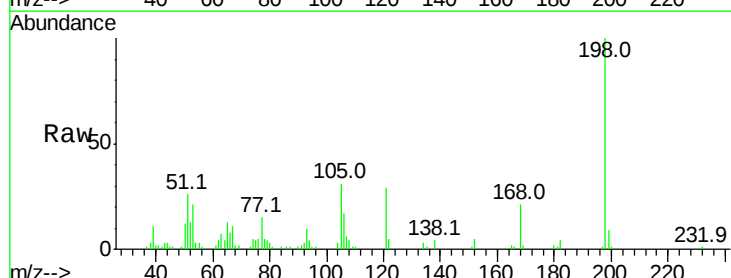
Manual Integrations
APPROVED

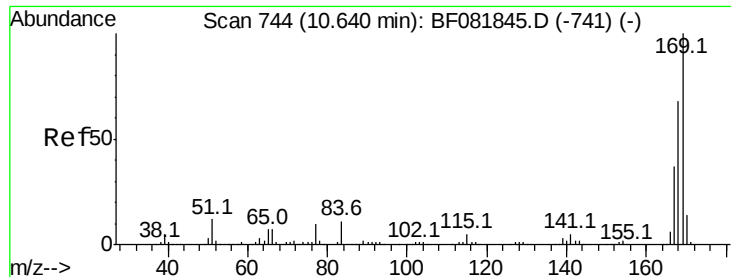
MMDadoda
9/29/2015 12:10:14 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 50.93 ng
RT: 10.57 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF081844.D
Acq: 28 Sep 2015 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	26.5	39.6	79.6#	
105	30.5	28.5	68.5	





#65

n-Nitrosodiphenylamine

Concen: 23.33 ng

RT: 10.64 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF081844.D

Acq: 28 Sep 2015 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:169 Resp: 313829

Ion Ratio Lower Upper

169 100

168 68.0 48.9 73.3

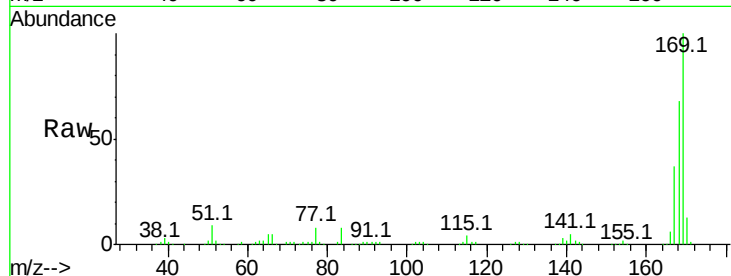
167 37.0 26.2 39.4

Manual Integrations

APPROVED

MMDadoda

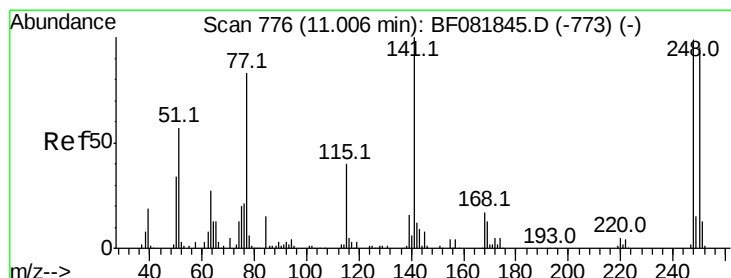
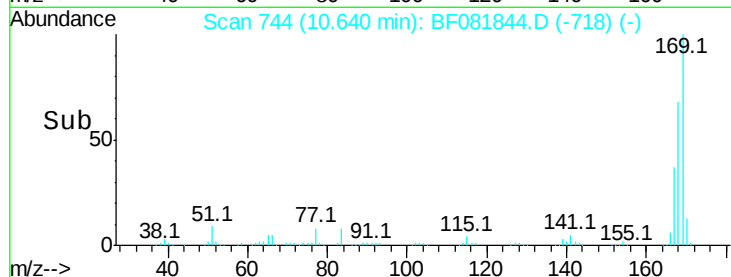
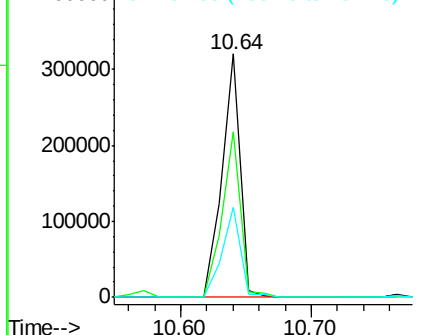
9/29/2015 12:10:14 PM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 22.08 ng

RT: 11.01 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF081844.D

Acq: 28 Sep 2015 15:30

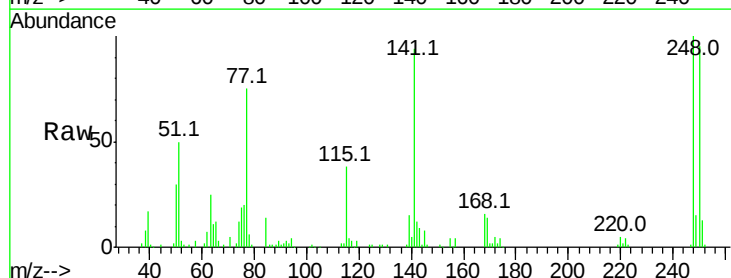
Tgt Ion:248 Resp: 98050

Ion Ratio Lower Upper

248 100

250 95.5 78.5 117.7

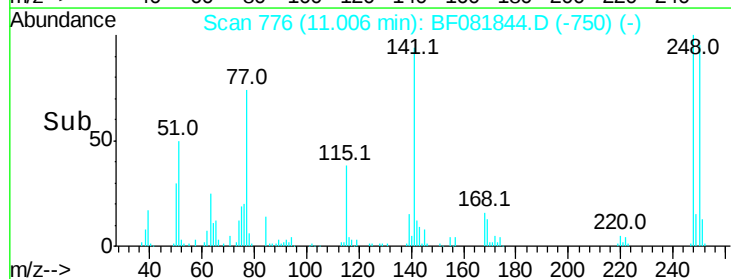
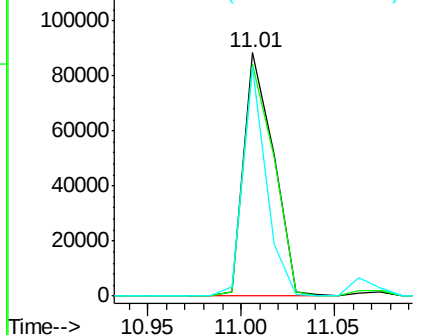
141 94.2 59.0 88.6#

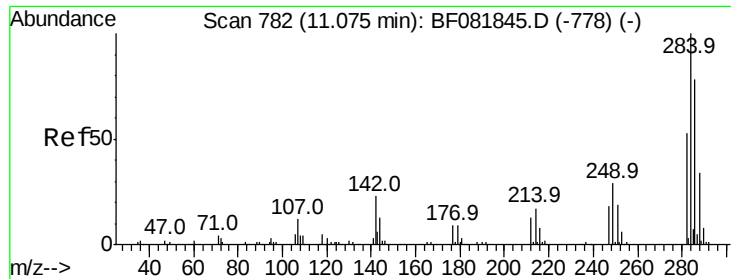


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





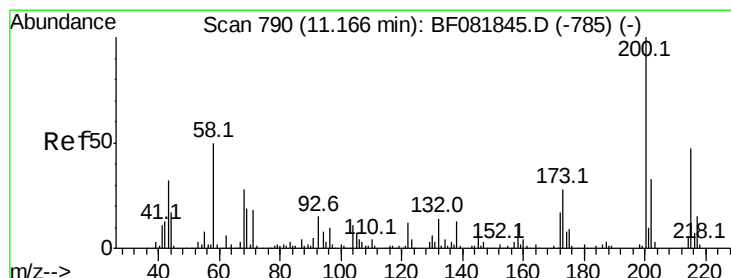
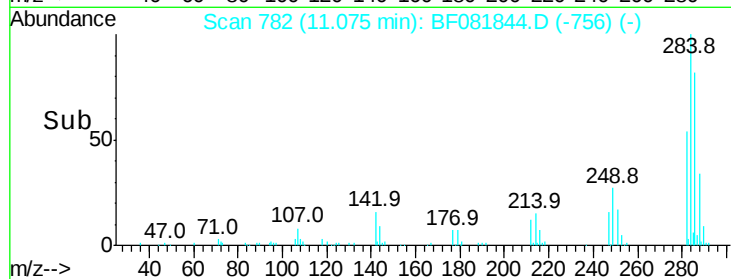
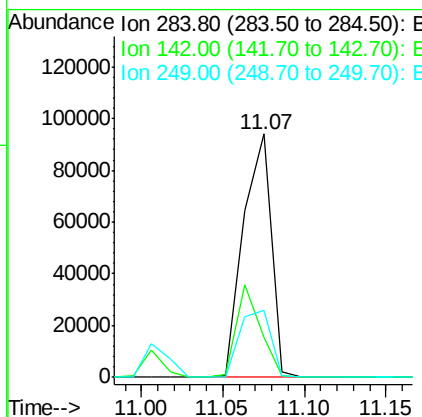
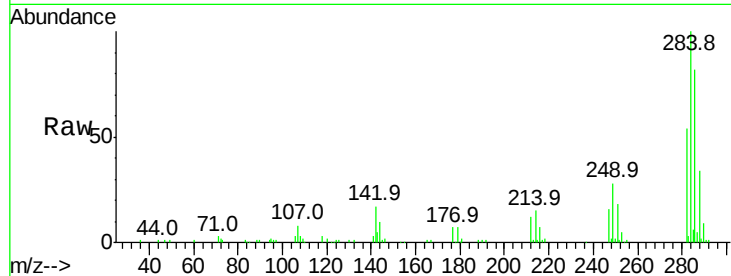
#67
Hexachlorobenzene
Concen: 23.94 ng
RT: 11.07 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF081844.D
Acq: 28 Sep 2015 15:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	16.6	29.5	44.3	
249	27.5	19.5	29.3	

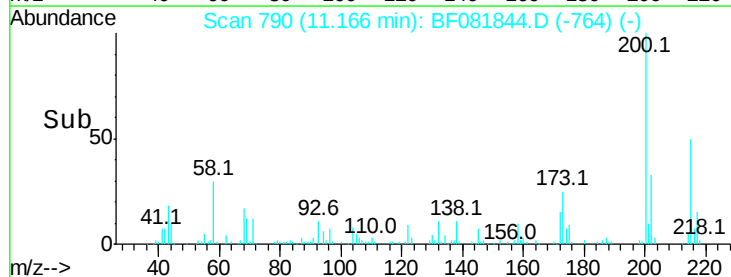
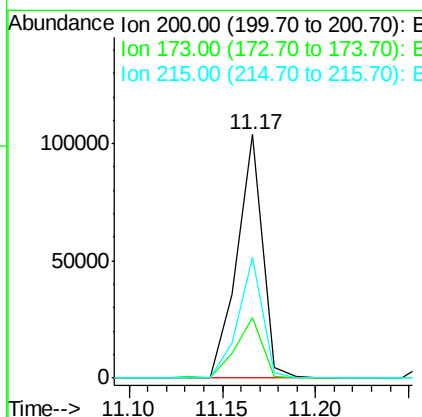
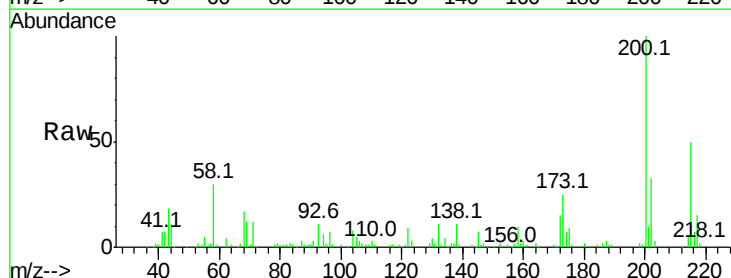
Manual Integrations
APPROVED

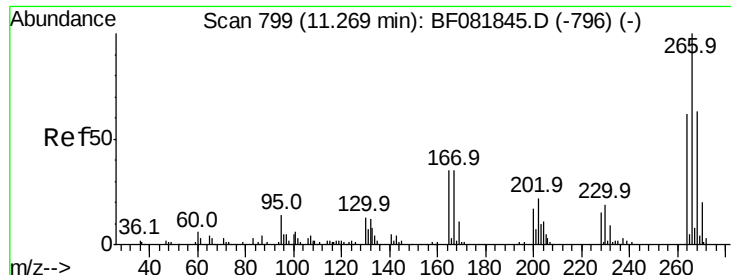
MMDadoda
9/29/2015 12:10:14 PM



#68
Atrazine
Concen: 24.69 ng
RT: 11.17 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF081844.D
Acq: 28 Sep 2015 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	24.7	13.2	53.2	
215	49.7	41.8	81.8	





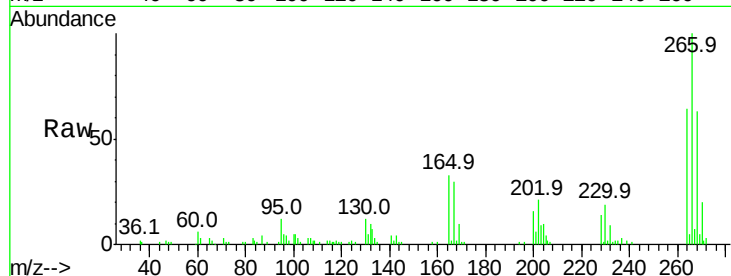
#69
 Pentachlorophenol
 Concen: 32.68 ng
 RT: 11.27 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF081844.D
 Acq: 28 Sep 2015 15:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

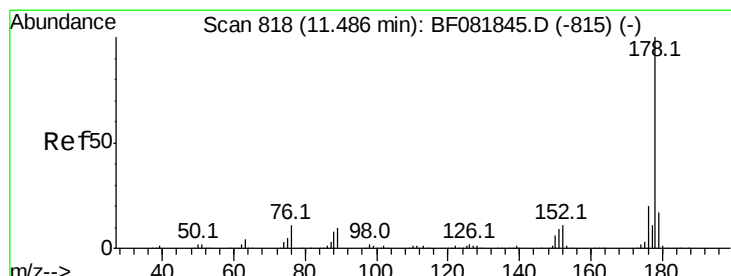
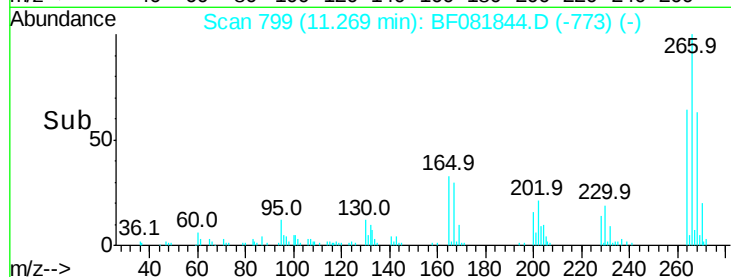
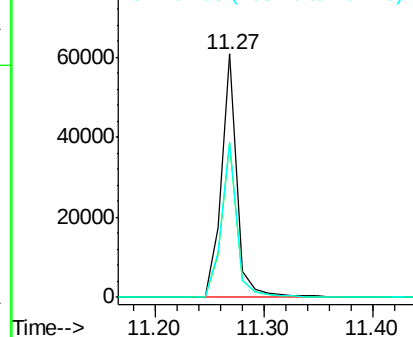
Tot Ion	Ratio	Resp	Lower	Upper
266	100	61905		
268	63.3		49.8	74.6
264	63.8		50.2	75.2

Manual Integrations
 APPROVED

MMDadoda
 9/29/2015 12:10:14 PM

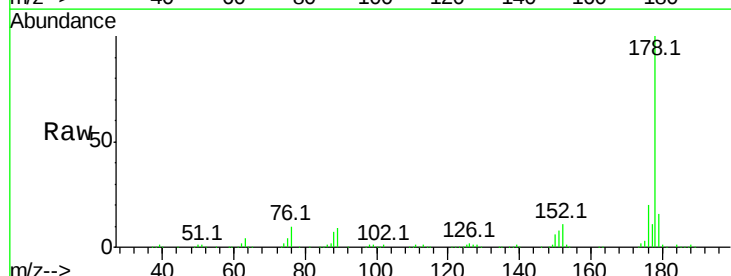


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

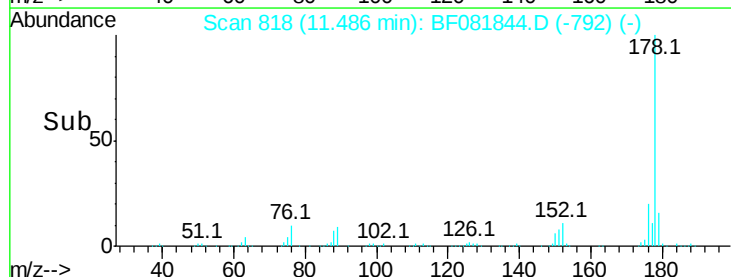
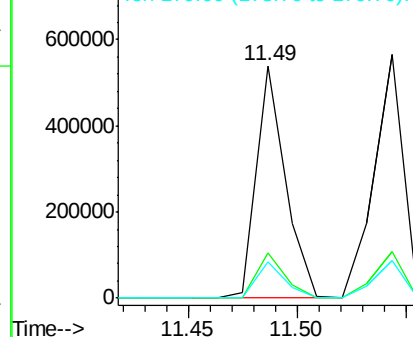


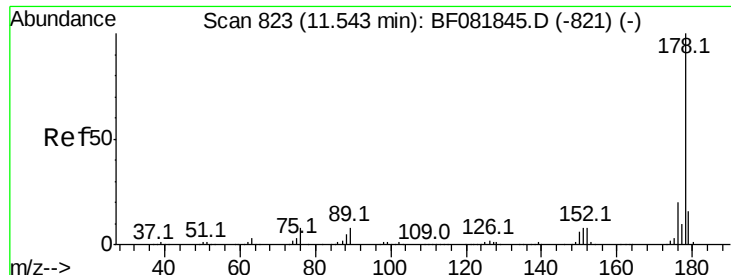
#70
 Phenanthrene
 Concen: 22.03 ng
 RT: 11.49 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF081844.D
 Acq: 28 Sep 2015 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	502351		
176	19.6		13.8	20.8
179	15.6		12.2	18.2



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





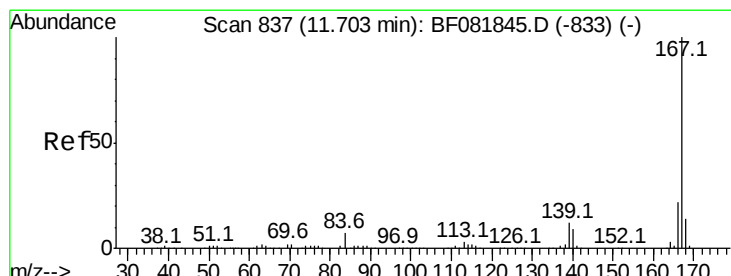
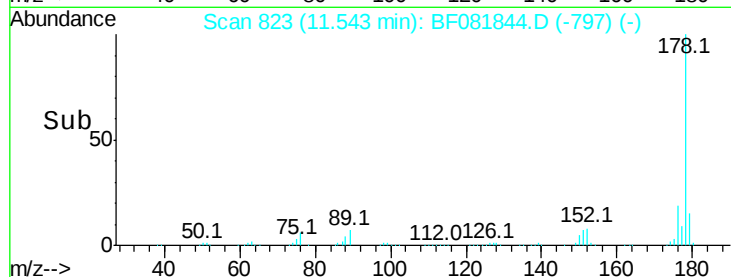
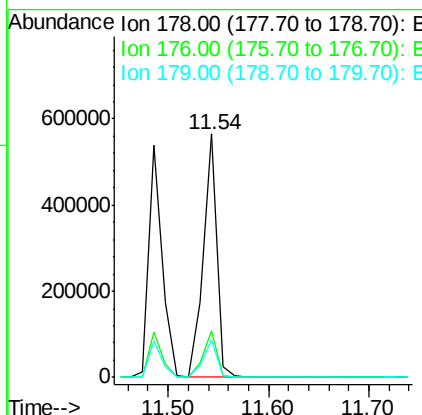
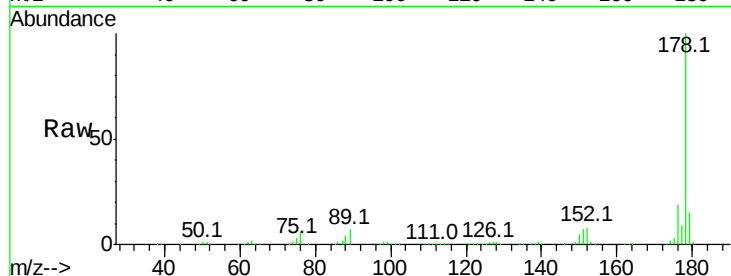
#71
 Anthracene
 Concen: 24.08 ng
 RT: 11.54 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF081844.D
 Acq: 28 Sep 2015 15:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.1	21.1
179	15.4	12.2	18.2

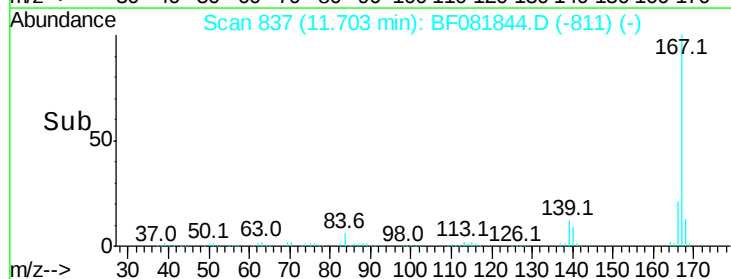
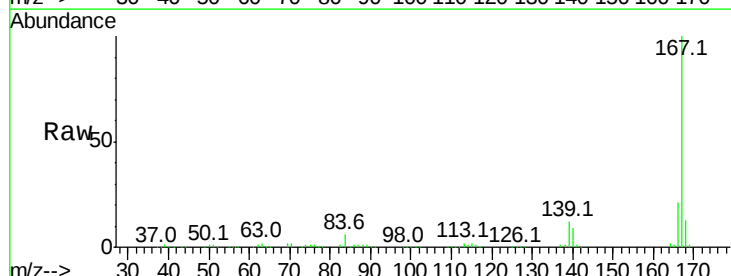
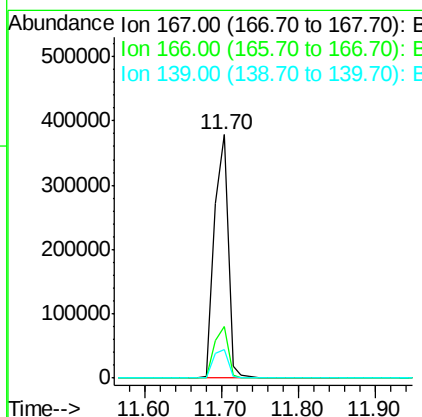
Manual Integrations
 APPROVED

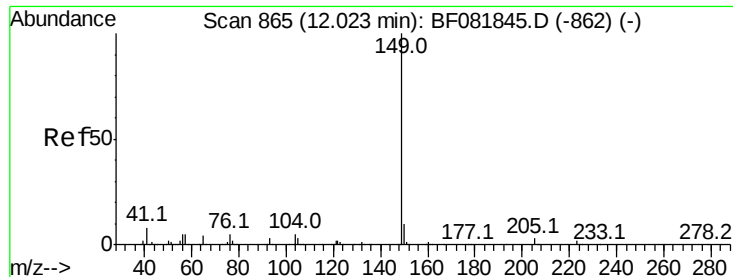
MMDadoda
 9/29/2015 12:10:14 PM



#72
 Carbazole
 Concen: 22.88 ng
 RT: 11.70 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF081844.D
 Acq: 28 Sep 2015 15:30

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.0	15.7	23.5
139	11.5	9.5	14.3





#73

Di-n-butylphthalate

Concen: 20.06 ng

RT: 12.02 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF081844.D

Acq: 28 Sep 2015 15:30

Instrument :

BNA_F

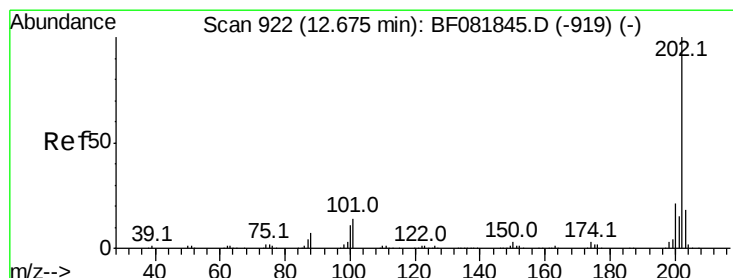
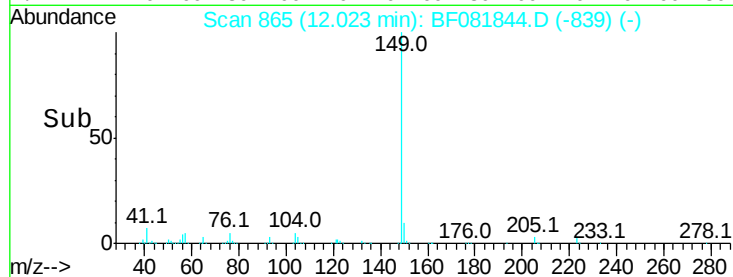
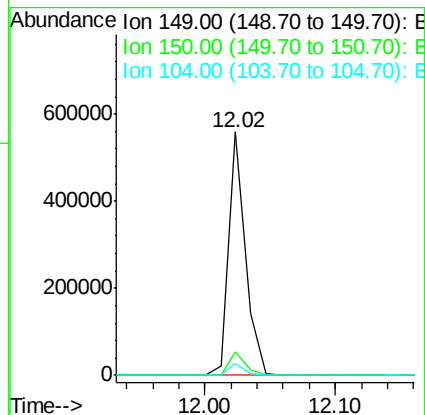
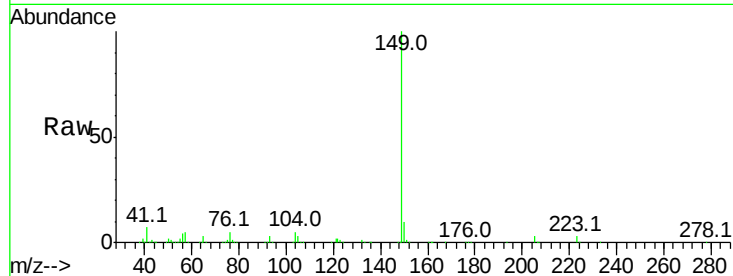
ClientSampleId :

SSTDIC025

Tot Ion:	149	Resp:	498084
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.4	11.2
104	4.7	2.4	3.6#

Manual Integrations
APPROVED

MMDadoda
9/29/2015 12:10:14 PM



#74

Fluoranthene

Concen: 22.20 ng

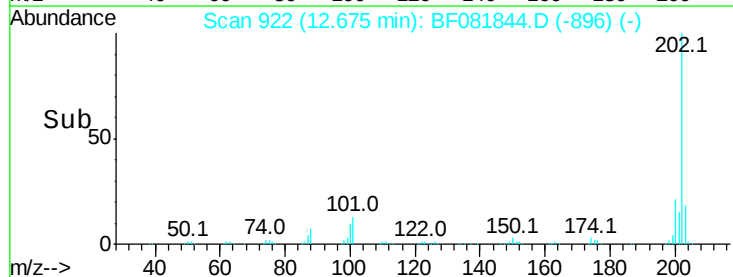
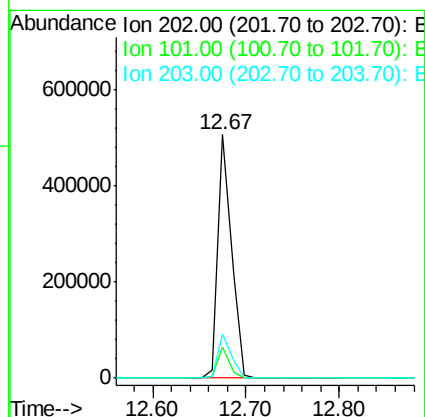
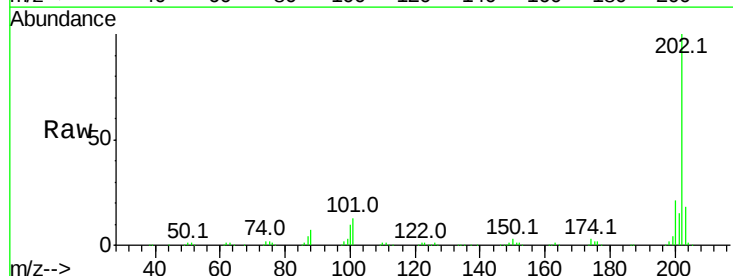
RT: 12.67 min Scan# 922

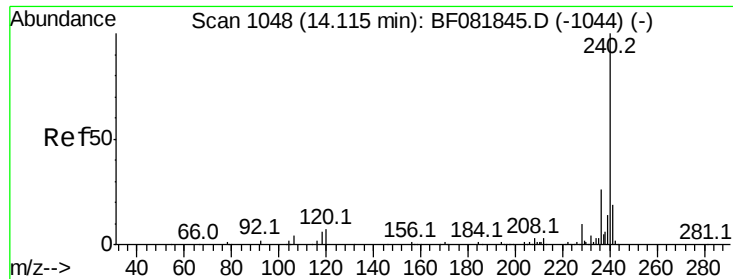
Delta R.T. 0.00 min

Lab File: BF081844.D

Acq: 28 Sep 2015 15:30

Tgt Ion:	202	Resp:	510081
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	38.3
203	18.0	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF081844.D

Acq: 28 Sep 2015 15:30

Instrument :

BNA_F

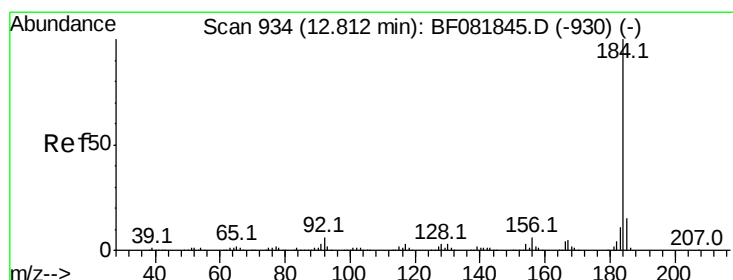
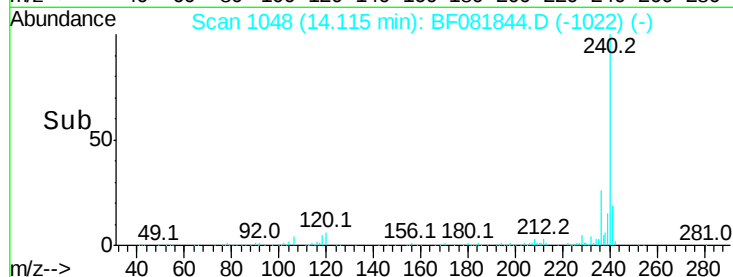
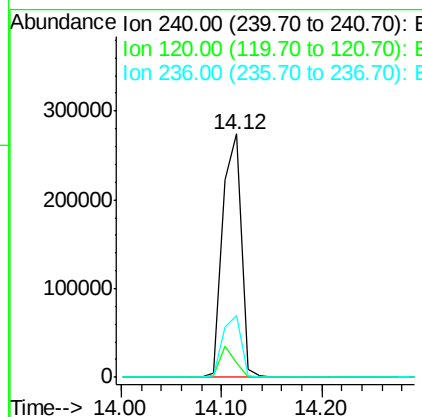
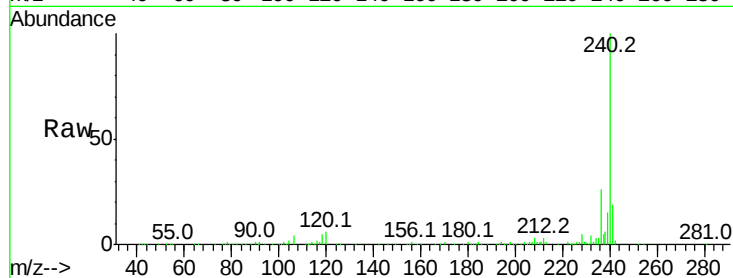
ClientSampleId :

SSTDIC025

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.8	16.2	24.2#
236	25.5	18.4	27.6

Manual Integrations
APPROVED

MMDadoda
9/29/2015 12:10:14 PM



#76

Benzidine

Concen: 22.51 ng

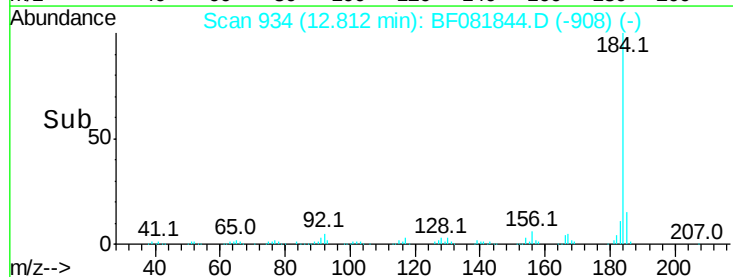
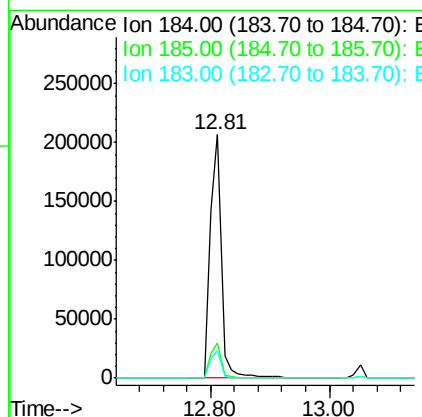
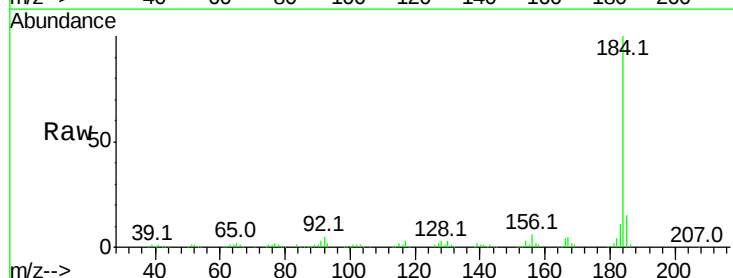
RT: 12.81 min Scan# 934

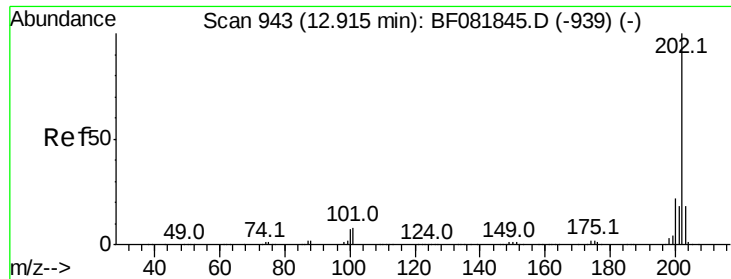
Delta R.T. 0.00 min

Lab File: BF081844.D

Acq: 28 Sep 2015 15:30

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.8	17.6
183	11.1	7.6	11.4





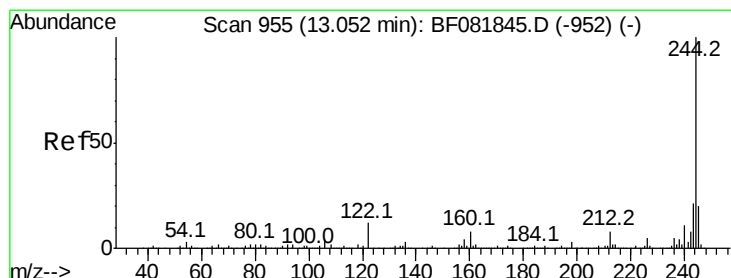
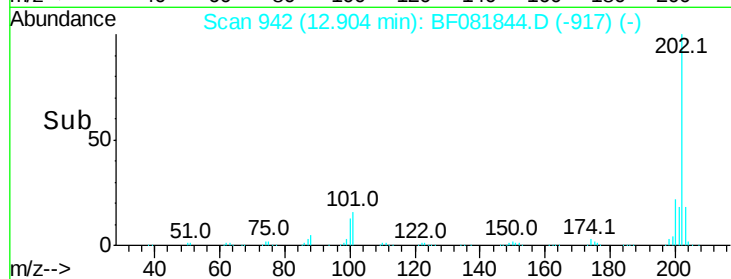
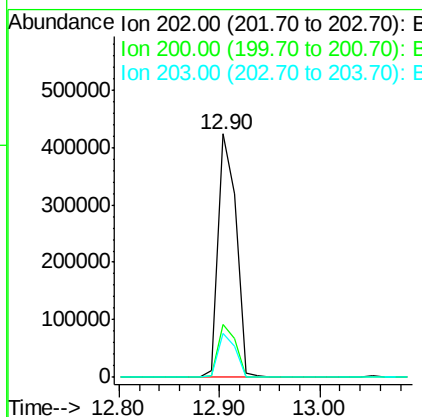
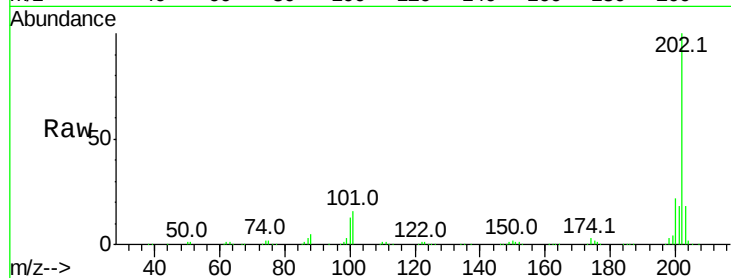
#77
Pvrene
Concen: 19.69 ng
RT: 12.90 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF081844.D
Acq: 28 Sep 2015 15:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.6	15.0	22.4
203	17.9	14.1	21.1

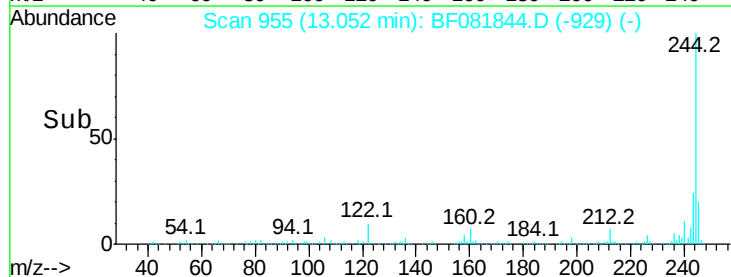
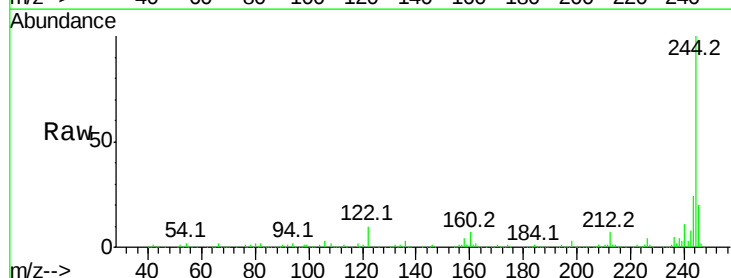
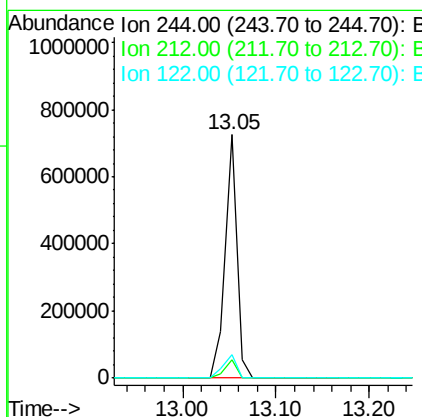
Manual Integrations
APPROVED

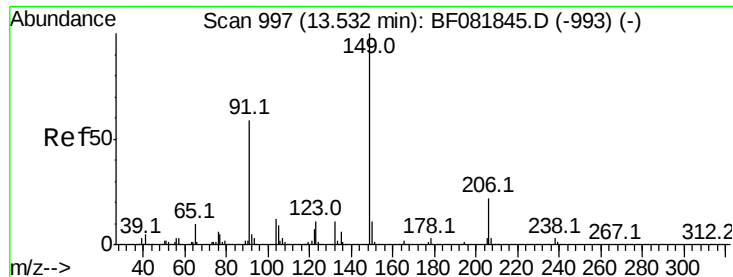
MMDadoda
9/29/2015 12:10:14 PM



#78
Terphenyl-d14
Concen: 40.85 ng
RT: 13.05 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF081844.D
Acq: 28 Sep 2015 15:30

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.3	4.3	6.5#
122	9.9	17.4	26.2#





#79

Butylbenzylphthalate

Concen: 19.11 ng

RT: 13.53 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF081844.D

Acq: 28 Sep 2015 15:30

Instrument :

BNA_F

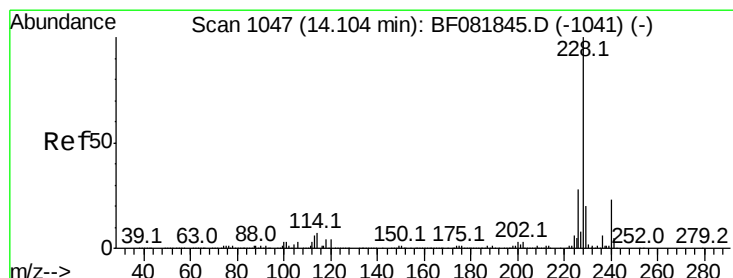
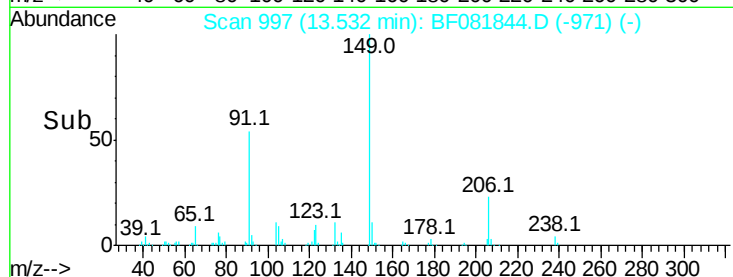
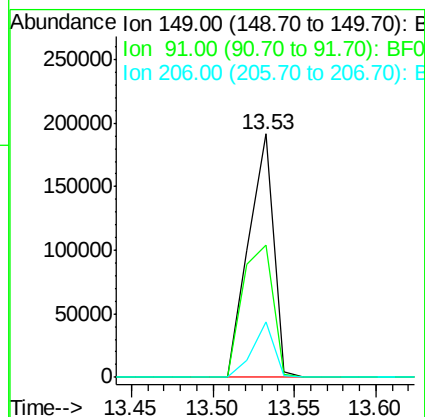
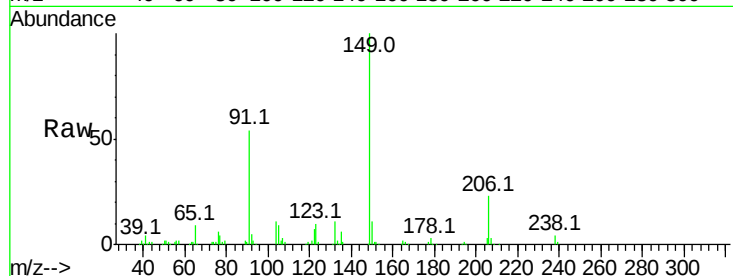
ClientSampleID :

SSTDIC025

Tot Ion:	149	Resp:	203786
Ion Ratio	Lower	Upper	
149	100		
91	54.2	48.6	72.8
206	22.5	14.9	22.3#

Manual Integrations
APPROVED

MMDadoda
9/29/2015 12:10:14 PM



#80

Benzo(a)anthracene

Concen: 21.84 ng

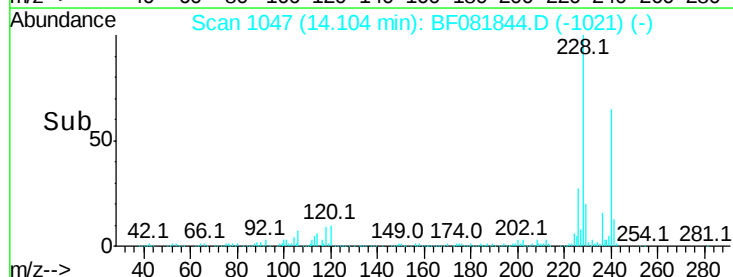
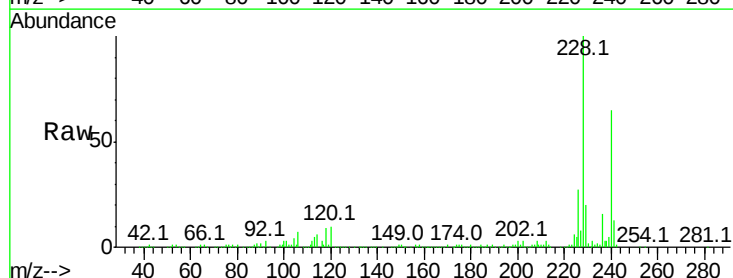
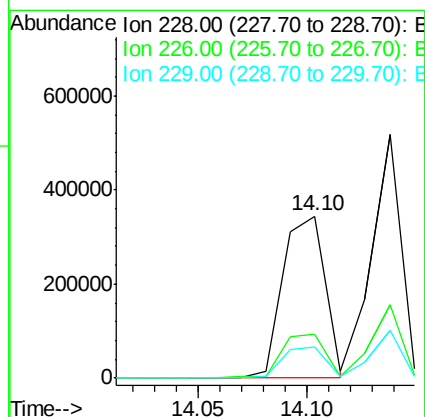
RT: 14.10 min Scan# 1047

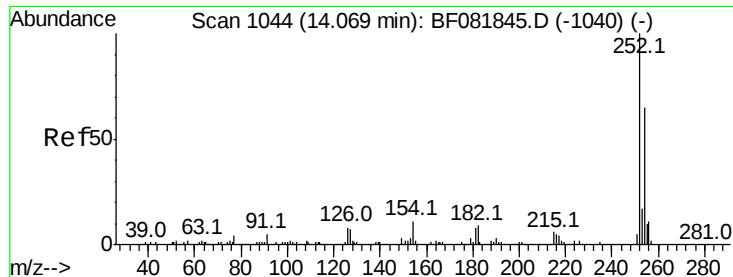
Delta R.T. 0.00 min

Lab File: BF081844.D

Acq: 28 Sep 2015 15:30

Tgt Ion:	228	Resp:	469972
Ion Ratio	Lower	Upper	
228	100		
226	27.1	20.0	30.0
229	19.5	15.4	23.2





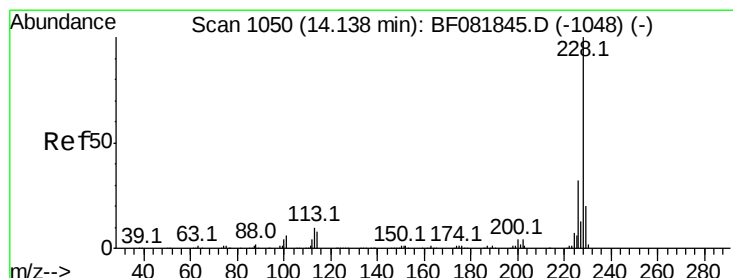
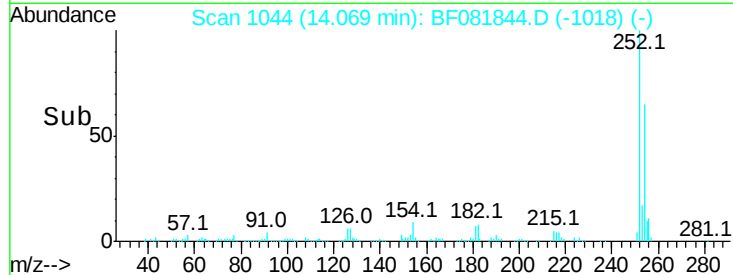
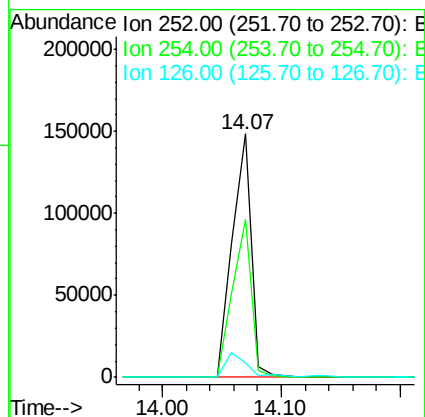
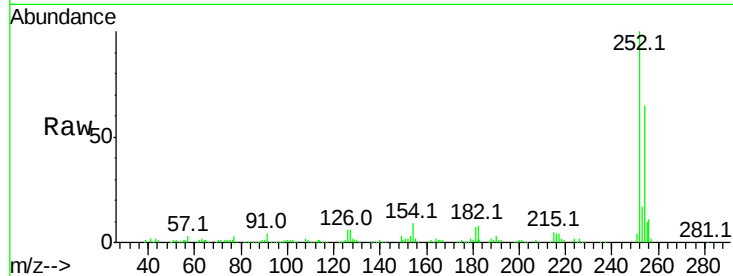
#81
 3,3'-Dichlorobenzidine
 Concen: 24.12 ng
 RT: 14.07 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081844.D
 Acq: 28 Sep 2015 15:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.9	51.4	77.2
126	6.2	16.4	24.6

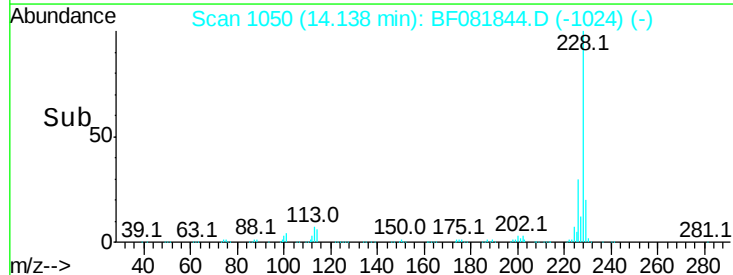
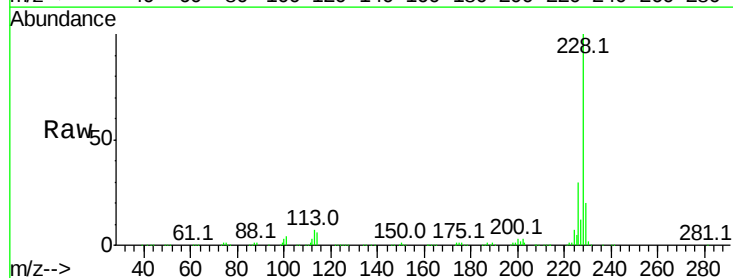
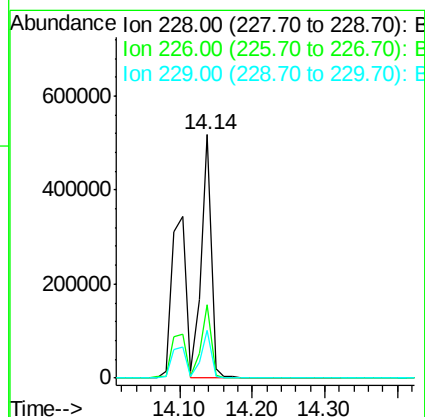
Manual Integrations
 APPROVED

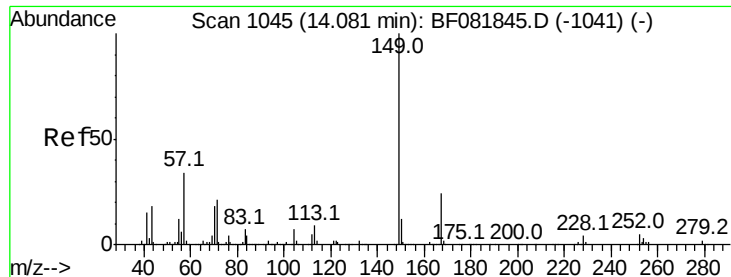
MMDadoda
 9/29/2015 12:10:14 PM



#82
 Chrysene
 Concen: 23.89 ng
 RT: 14.14 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF081844.D
 Acq: 28 Sep 2015 15:30

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.3	21.0	31.4
229	19.6	15.6	23.4





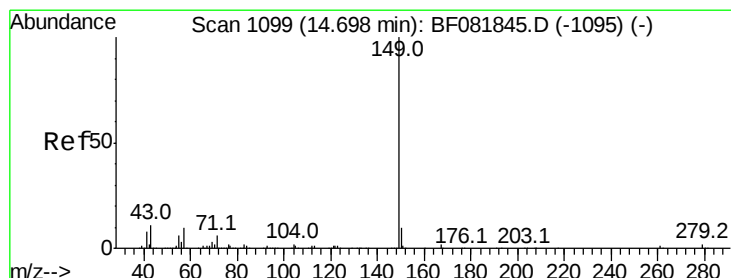
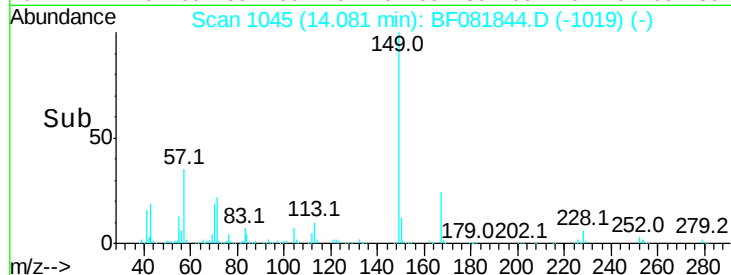
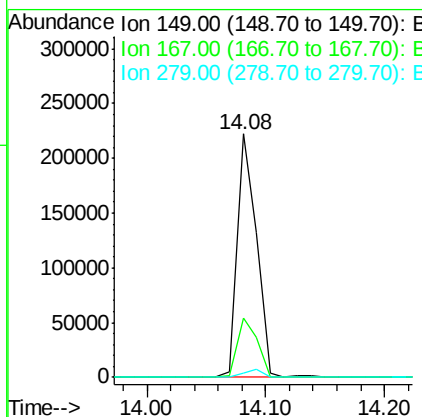
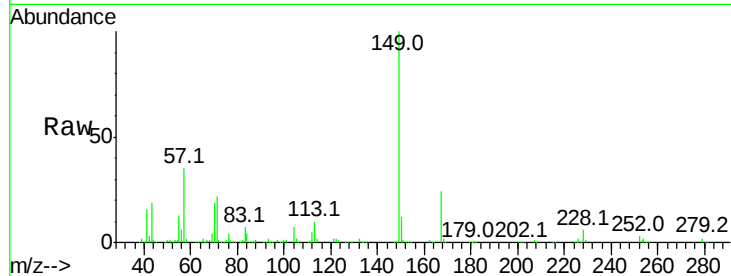
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 19.45 ng
 RT: 14.08 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BF081844.D
 Acq: 28 Sep 2015 15:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Resp	Lower	Upper
149	100	251464		
167	24.3	24.2	36.2	
279	2.0	3.8	5.6	

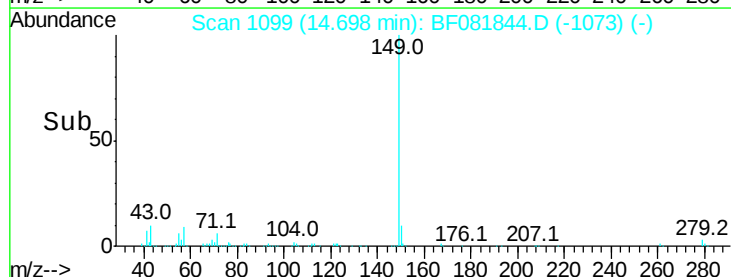
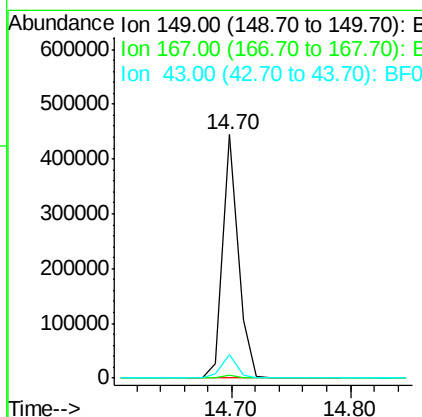
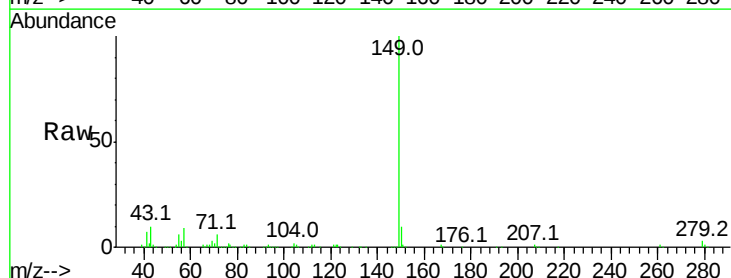
Manual Integrations
 APPROVED

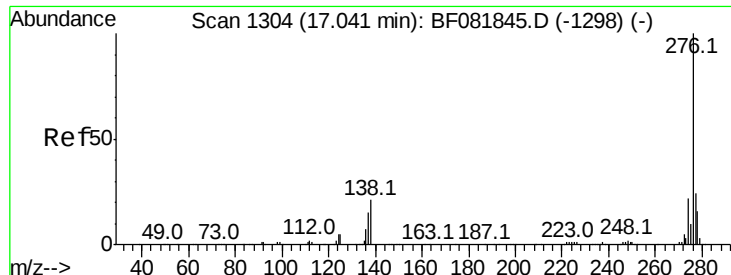
MMDadoda
 9/29/2015 12:10:14 PM



#84
 Di-n-octyl phthalate
 Concen: 21.06 ng
 RT: 14.70 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF081844.D
 Acq: 28 Sep 2015 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	400418		
167	1.5	1.0	1.6	
43	9.4	10.2	15.2	





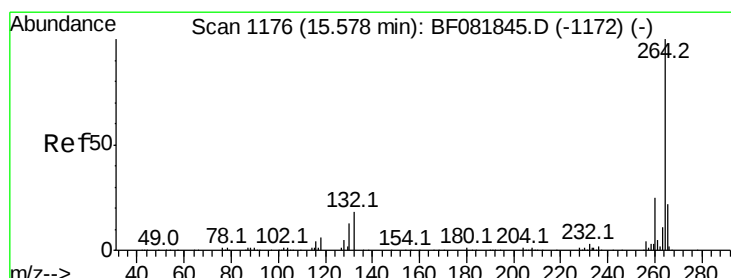
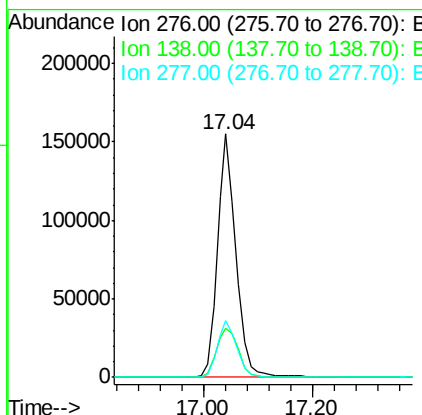
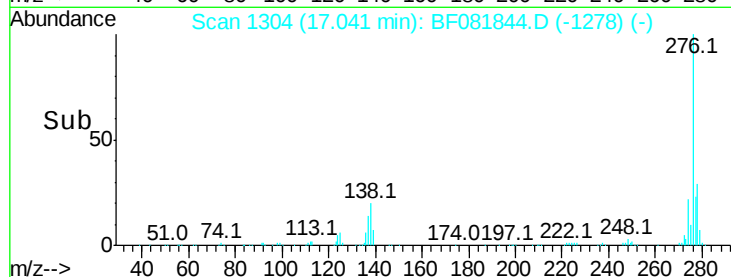
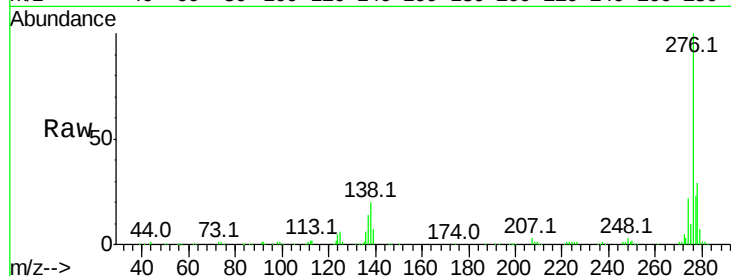
#85
Indeno(1,2,3-cd)pyrene
Concen: 19.64 ng
RT: 17.04 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF081844.D
Acq: 28 Sep 2015 15:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
138	23.9	25.7	38.5#	
277	24.4	15.6	23.4#	

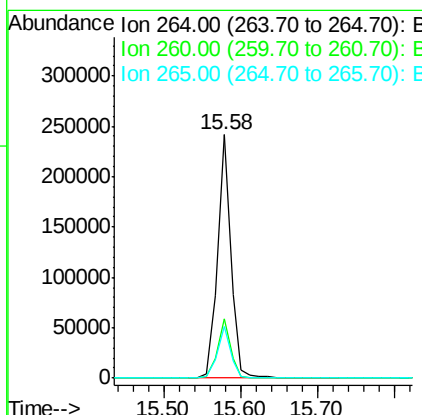
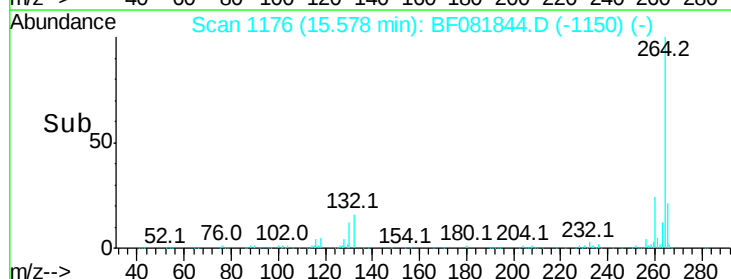
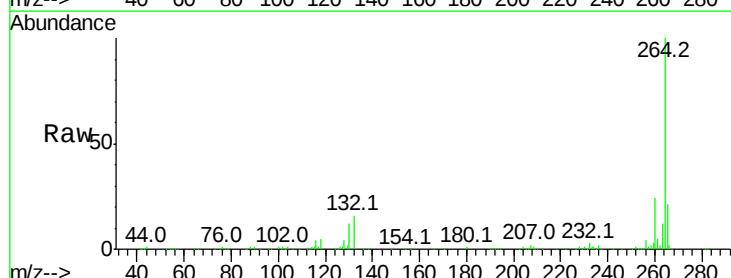
Manual Integrations
APPROVED

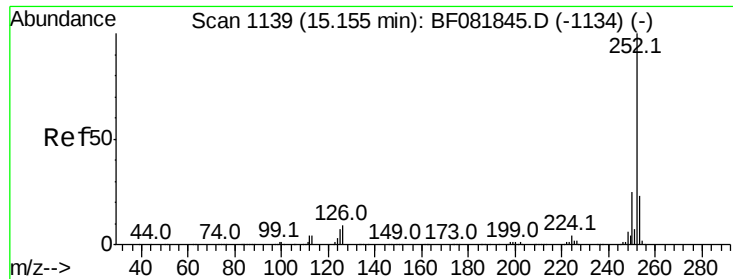
MMDadoda
9/29/2015 12:10:14 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF081844.D
Acq: 28 Sep 2015 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.3	16.7	25.1	
265	21.3	17.2	25.8	





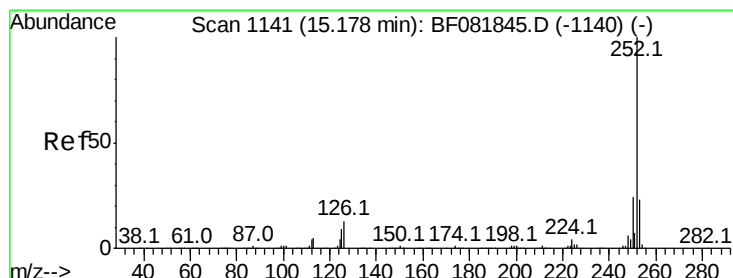
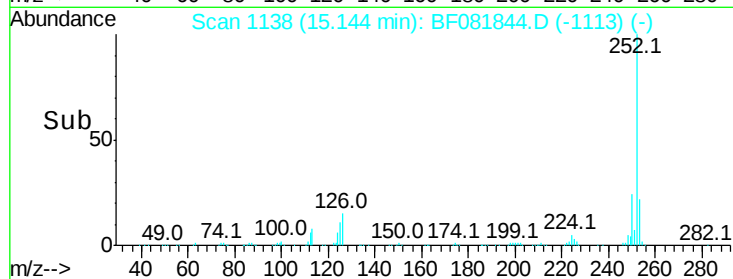
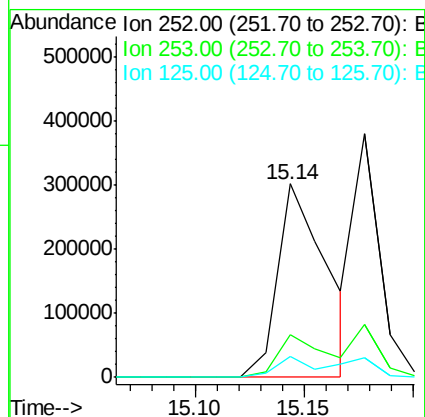
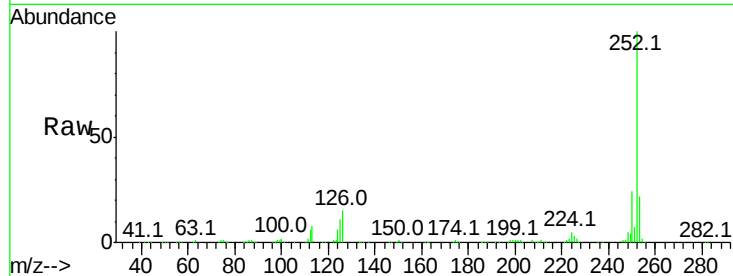
#87
Benzo(b)fluoranthene
Concen: 27.23 ng
RT: 15.14 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF081844.D
Acq: 28 Sep 2015 15:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	11.1	17.1	25.7#

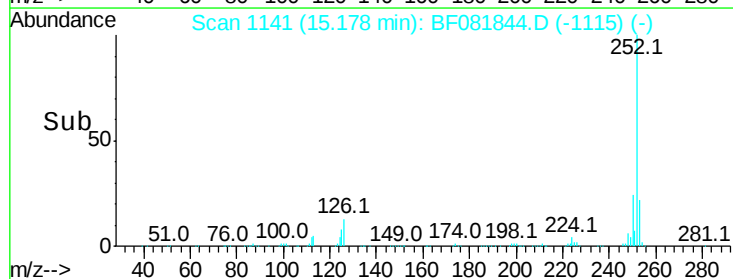
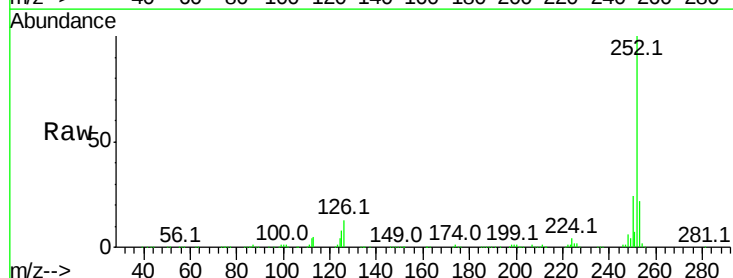
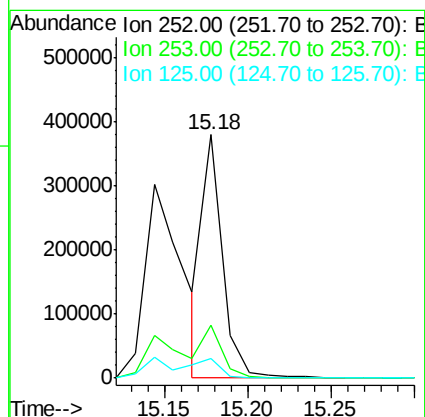
Manual Integrations
APPROVED

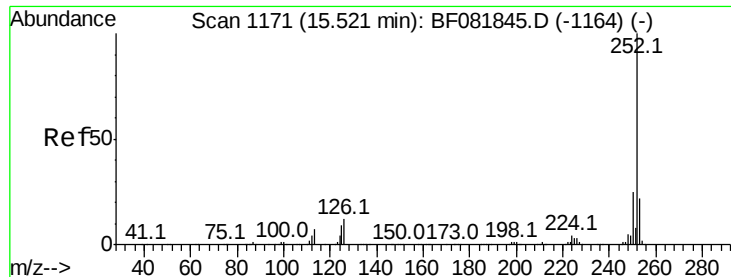
MMDadoda
9/29/2015 12:10:14 PM



#88
Benzo(k)fluoranthene
Concen: 19.10 ng m
RT: 15.18 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF081844.D
Acq: 28 Sep 2015 15:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.4
125	8.2	16.0	24.0#





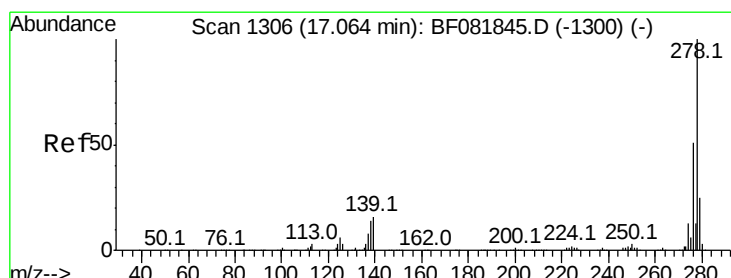
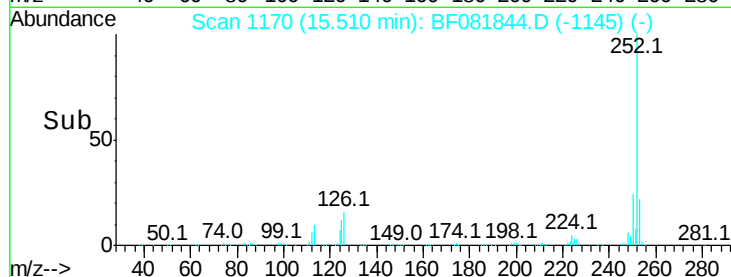
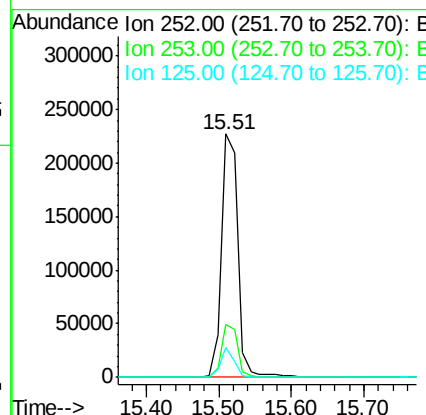
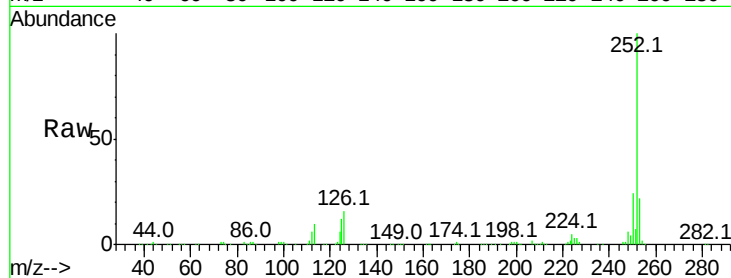
#89
Benzo(a)pyrene
Concen: 22.71 ng
RT: 15.51 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF081844.D
Acq: 28 Sep 2015 15:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	21.8	17.2	25.8	
125	12.0	18.0	27.0	

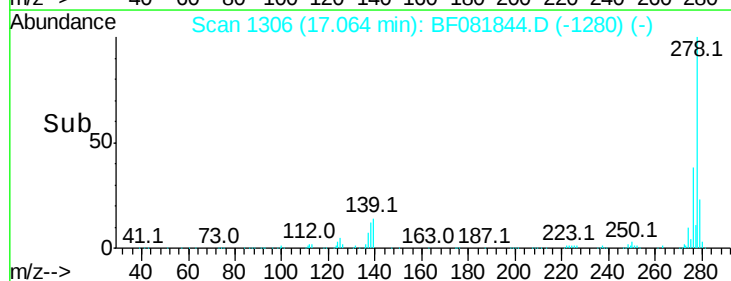
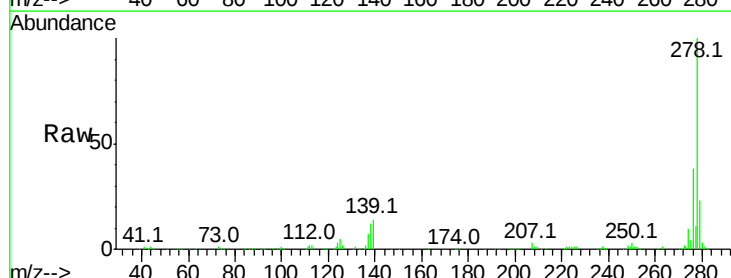
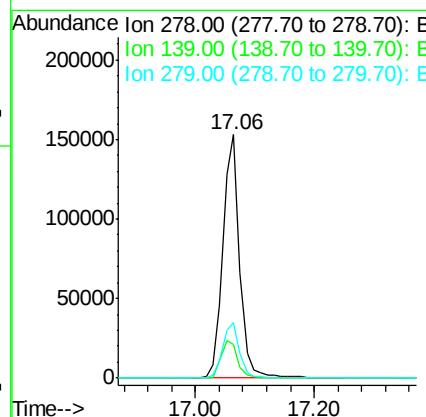
Manual Integrations
APPROVED

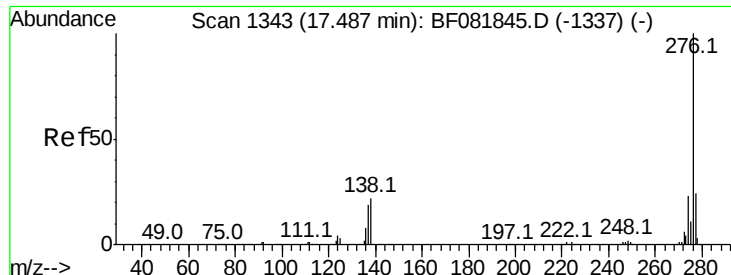
MMDadoda
9/29/2015 12:10:14 PM



#90
Dibenzo(a,h)anthracene
Concen: 18.35 ng
RT: 17.06 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF081844.D
Acq: 28 Sep 2015 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
278	100			
139	14.0	26.3	39.5	
279	23.0	18.2	27.4	





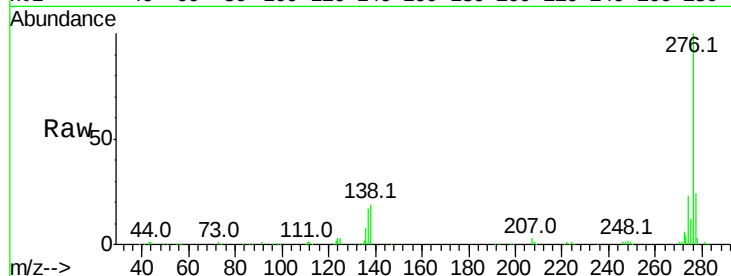
#91
 Benzo(a,h,i)perylene
 Concen: 18.00 ng
 RT: 17.49 min Scan# 1343
 Delta R.T. 0.00 min
 Lab File: BF081844.D
 Acq: 28 Sep 2015 15:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	23.9	17.8	26.6	
138	19.3	34.6	51.8	

Manual Integrations
 APPROVED

MMDadoda
 9/29/2015 12:10:14 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

