

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092415\
 Data File : BF081776.D
 Acq On : 24 Sep 2015 21:28
 Operator : UM/IZ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092415

Manual Integrations
 APPROVED

MMDadoda
 9/25/2015 3:36:48 PM

Quant Time: Sep 25 06:11:26 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 06:04:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	134001	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	539359	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	262093	20.00	ng	-0.01
63) Phenanthrene-d10	11.47	188	495579	20.00	ng	0.00
75) Chrysene-d12	14.12	240	384215	20.00	ng	0.00
86) Perylene-d12	15.58	264	299512	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	662838	83.68	ng	0.00
7) Phenol-d6	6.57	99	796210	79.47	ng	0.00
23) Nitrobenzene-d5	7.52	82	683602	83.62	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	194045	85.28	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	1211505	75.88	ng	0.00
78) Terphenyl-d14	13.06	244	1234637	73.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	151825	38.72	ng	91
3) Pyridine	3.36	79	476412	43.08	ng	91
4) n-Nitrosodimethylamine	3.31	42	216407	41.46	ng	96
6) Aniline	6.62	93	630668	42.05	ng	92
8) 2-Chlorophenol	6.73	128	378023	43.31	ng	89
9) Benzaldehyde	6.50	77	226424	38.23	ng	# 86
10) Phenol	6.58	94	544372	46.78	ng	70
11) bis(2-Chloroethyl)ether	6.69	93	349187	40.92	ng	94
12) 1,3-Dichlorobenzene	6.89	146	430944	41.73	ng	# 94
13) 1,4-Dichlorobenzene	6.97	146	459218	43.95	ng	# 94
14) 1,2-Dichlorobenzene	7.12	146	387372m	39.84	ng	
15) Benzyl Alcohol	7.09	79	340406	43.08	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	7.23	45	652334	44.68	ng	88
17) 2-Methylphenol	7.20	107	317775	43.11	ng	# 89
18) Hexachloroethane	7.46	117	143963	42.31	ng	92
19) n-Nitroso-di-n-propylamine	7.37	70	309597	46.35	ng	# 80
20) 3+4-Methylphenols	7.35	107	387706	41.86	ng	# 84
22) Acetophenone	7.36	105	428798	36.25	ng	# 74
24) Nitrobenzene	7.54	77	437427	47.96	ng	# 79
25) Isophorone	7.78	82	790843	43.67	ng	# 94
26) 2-Nitrophenol	7.85	139	158455	47.83	ng	# 52
27) 2,4-Dimethylphenol	7.89	122	352445	42.91	ng	# 81
28) bis(2-Chloroethoxy)methane	7.99	93	457131	43.21	ng	# 93
29) 2,4-Dichlorophenol	8.09	162	345458	45.18	ng	99
30) 1,2,4-Trichlorobenzene	8.18	180	378138	44.06	ng	99
31) Naphthalene	8.26	128	1087664	43.71	ng	96
32) Benzoic acid	7.97	122	89628	56.05	ng	# 63
33) 4-Chloroaniline	8.31	127	465009	42.58	ng	# 88
34) Hexachlorobutadiene	8.38	225	217162	42.90	ng	97
35) Caprolactam	8.69	113	91520	44.80	ng	93
36) 4-Chloro-3-methylphenol	8.78	107	305108	39.82	ng	# 80
37) 2-Methylnaphthalene	8.95	142	685586	38.67	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	328061	39.22	ng	99
40) Hexachlorocyclopentadiene	9.10	237	179034	49.94	ng	95

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092415\
 Data File : BF081776.D
 Acq On : 24 Sep 2015 21:28
 Operator : UM/IZ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092415

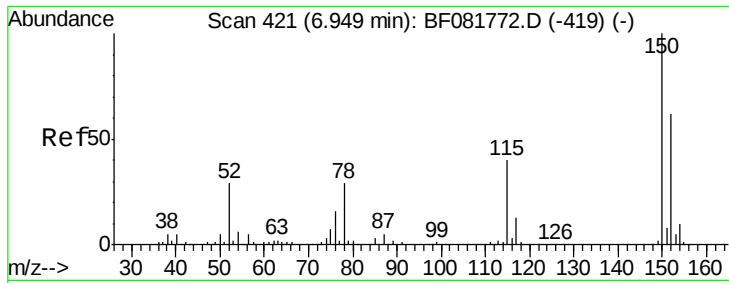
Manual Integrations
 APPROVED

MMDadoda
 9/25/2015 3:36:48 PM

Quant Time: Sep 25 06:11:26 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 06:04:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	247711	44.94	ng	100
43) 2,4,5-Trichlorophenol	9.26	196	233908	43.13	ng #	93
45) 1,1'-Biphenyl	9.42	154	872070	42.55	ng	95
46) 2-Chloronaphthalene	9.44	162	680662	41.29	ng	93
47) 2-Nitroaniline	9.53	65	187042	42.66	ng #	69
48) Acenaphthylene	9.85	152	1135469	40.70	ng	95
49) Dimethylphthalate	9.71	163	772000	38.71	ng #	97
50) 2,6-Dinitrotoluene	9.78	165	189804	49.31	ng #	92
51) Acenaphthene	10.02	154	657176	40.87	ng	89
52) 3-Nitroaniline	9.94	138	186180	44.59	ng #	60
53) 2,4-Dinitrophenol	10.05	184	24641	52.47	ng #	67
54) Dibenzofuran	10.19	168	919792	39.00	ng #	85
55) 4-Nitrophenol	10.09	139	158690	55.11	ng #	62
56) 2,4-Dinitrotoluene	10.18	165	235835	51.17	ng #	83
57) Fluorene	10.54	166	702845	38.83	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.31	232	195422	47.21	ng	99
59) Diethylphthalate	10.41	149	803763	41.61	ng	99
60) 4-Chlorophenyl-phenylether	10.54	204	368510	44.35	ng	97
61) 4-Nitroaniline	10.56	138	195792	48.27	ng #	44
62) Azobenzene	10.70	77	879479	44.53	ng	95
64) 4,6-Dinitro-2-methylphenol	10.58	198	59687	51.63	ng	93
65) n-Nitrosodiphenylamine	10.65	169	647751	38.76	ng	90
66) 4-Bromophenyl-phenylether	11.03	248	241365	43.74	ng #	84
67) Hexachlorobenzene	11.09	284	260493	45.25	ng #	86
68) Atrazine	11.18	200	213593	42.74	ng	82
69) Pentachlorophenol	11.28	266	127788	42.96	ng	97
70) Phenanthrene	11.51	178	1160093	40.94	ng	97
71) Anthracene	11.55	178	1104125	40.44	ng	95
72) Carbazole	11.70	167	1023125	40.37	ng	94
73) Di-n-butylphthalate	12.04	149	1214142	39.35	ng #	97
74) Fluoranthene	12.69	202	1118471	39.18	ng	93
76) Benzidine	12.81	184	515998	39.57	ng #	95
77) Pyrene	12.92	202	1196165	41.29	ng	95
79) Butylbenzylphthalate	13.53	149	515339	44.64	ng #	73
80) Benzo(a)anthracene	14.10	228	975359	41.87	ng	94
81) 3,3'-Dichlorobenzidine	14.07	252	296289	40.04	ng #	96
82) Chrysene	14.15	228	977655m	43.76	ng	
83) Bis(2-ethylhexyl)phthalate	14.09	149	651115	46.52	ng #	93
84) Di-n-octyl phthalate	14.71	149	959746	46.62	ng	95
85) Indeno(1,2,3-cd)pyrene	17.04	276	887324	43.38	ng #	89
87) Benzo(b)fluoranthene	15.16	252	779552	43.89	ng #	85
88) Benzo(k)fluoranthene	15.18	252	710128m	41.51	ng	
89) Benzo(a)pyrene	15.52	252	688515	42.94	ng #	86
90) Dibenzo(a,h)anthracene	17.06	278	722037	43.21	ng #	83
91) Benzo(g,h,i)perylene	17.50	276	750837	43.58	ng #	75

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF081776.D

Acq: 24 Sep 2015 21:28

Instrument :

BNA_F

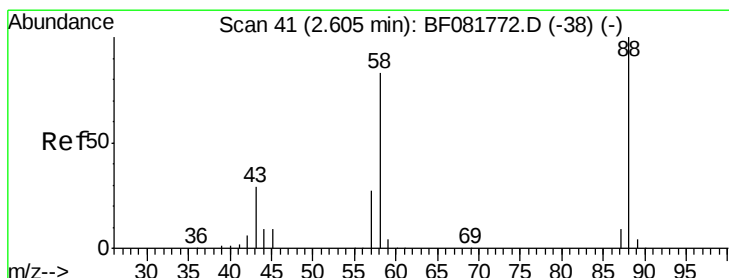
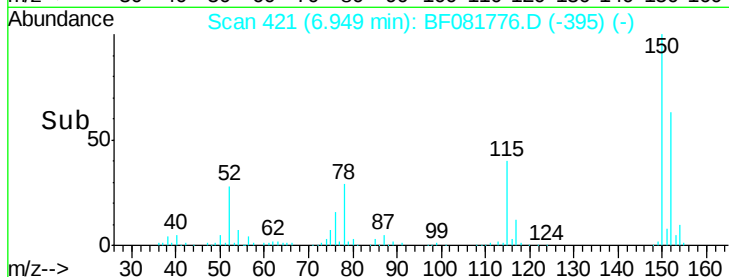
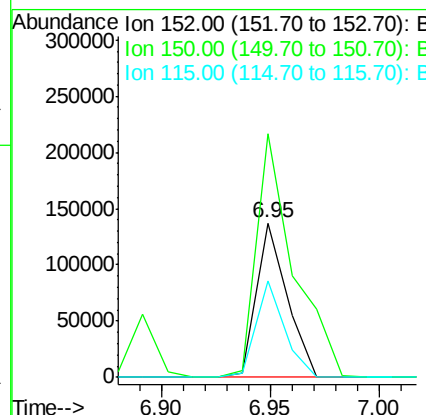
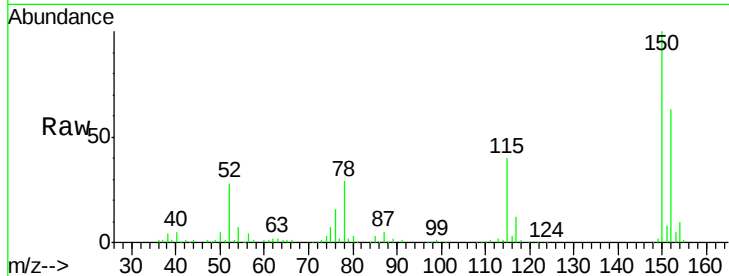
ClientSampleId :

ICVBF092415

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.7	187.1
115	62.4	39.0	58.4

Manual Integrations
APPROVED

MMDadoda
9/25/2015 3:36:48 PM



#2

1,4-Dioxane

Concen: 38.72 ng

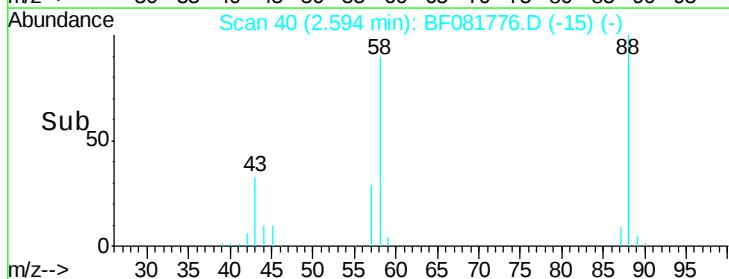
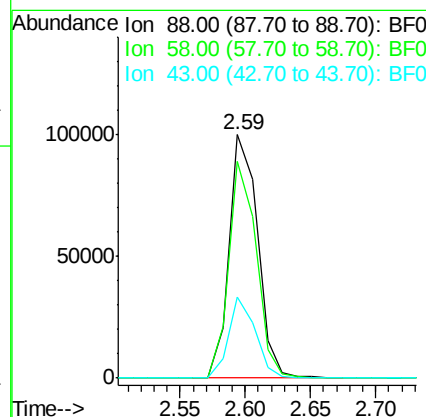
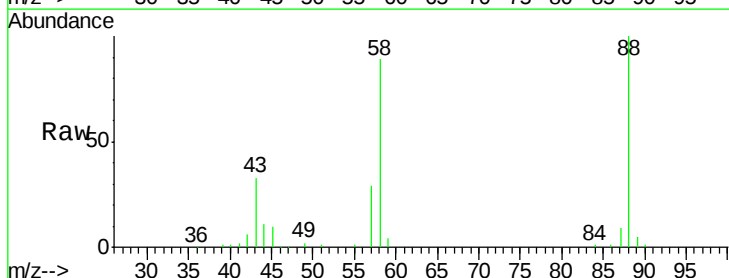
RT: 2.59 min Scan# 40

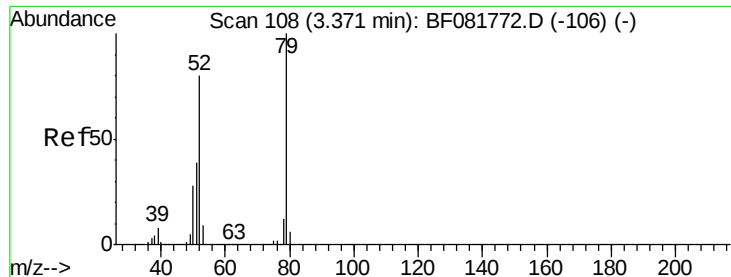
Delta R.T. -0.01 min

Lab File: BF081776.D

Acq: 24 Sep 2015 21:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.1	77.7	116.5
43	31.9	26.6	40.0





#3

Pyridine

Concen: 43.08 ng

RT: 3.36 min Scan# 107

Delta R.T. -0.01 min

Lab File: BF081776.D

Acq: 24 Sep 2015 21:28

Instrument :

BNA_F

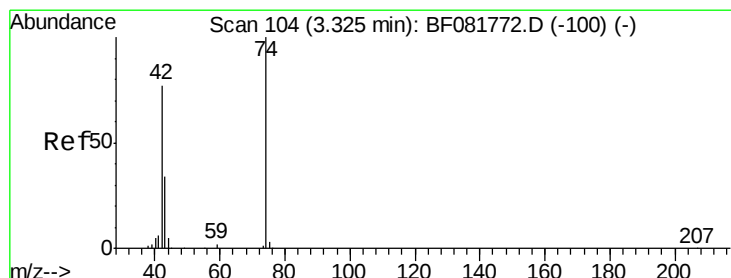
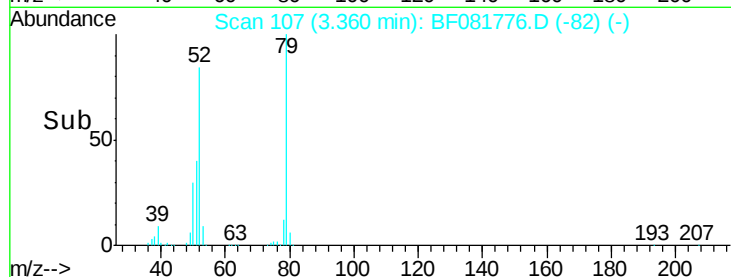
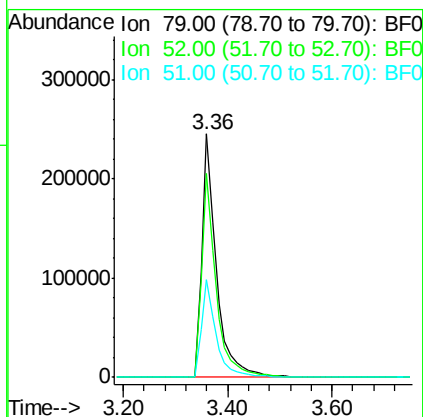
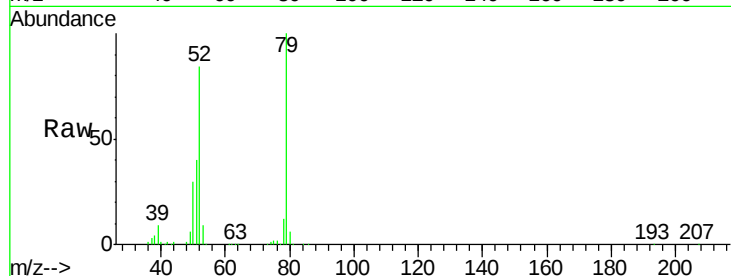
ClientSampleId :

ICVBF092415

Tgt Ion	Ratio	Lower	Upper
79	100		
52	83.7	76.8	115.2
51	40.3	32.2	48.4

Manual Integrations
APPROVED

MMDadoda
9/25/2015 3:36:48 PM



#4

n-Nitrosodimethylamine

Concen: 41.46 ng

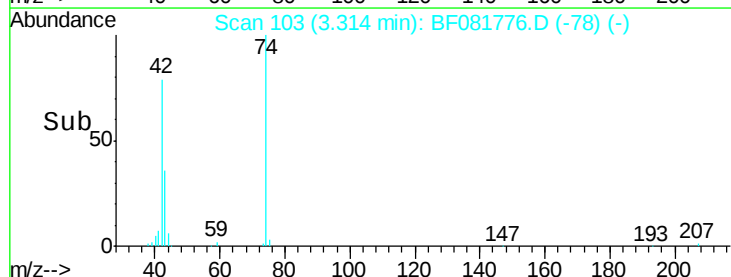
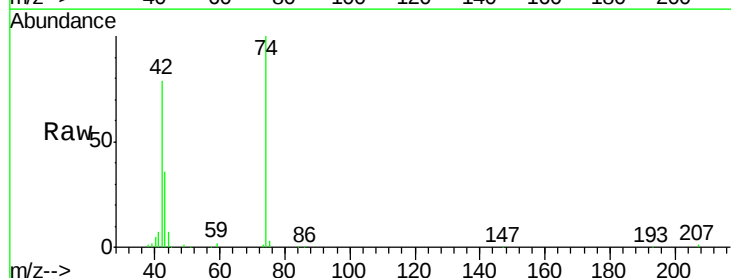
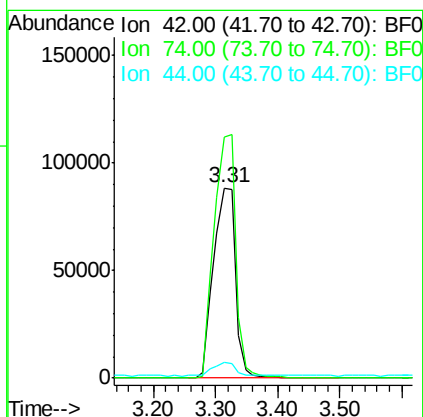
RT: 3.31 min Scan# 103

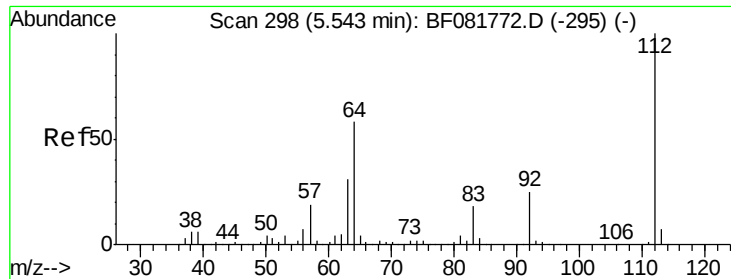
Delta R.T. -0.01 min

Lab File: BF081776.D

Acq: 24 Sep 2015 21:28

Tgt Ion	Ratio	Lower	Upper
42	100		
74	126.5	105.0	157.6
44	8.6	6.6	10.0





#5

2-Fluorophenol

Concen: 83.68 ng

RT: 5.54 min Scan# 298

Delta R.T. 0.00 min

Lab File: BF081776.D

Acq: 24 Sep 2015 21:28

Instrument :

BNA_F

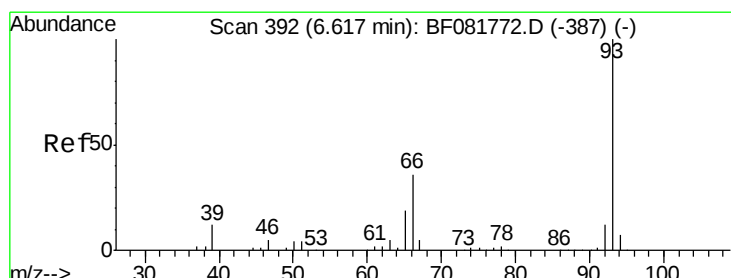
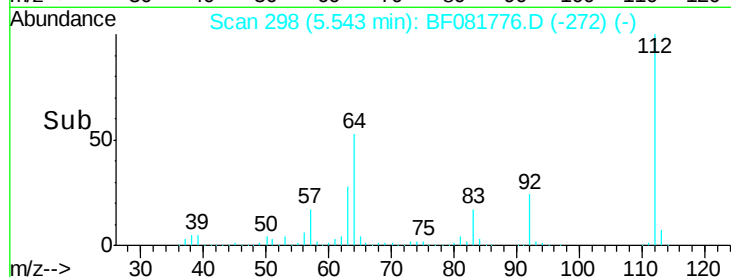
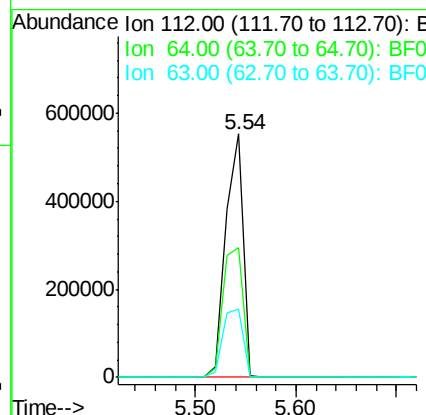
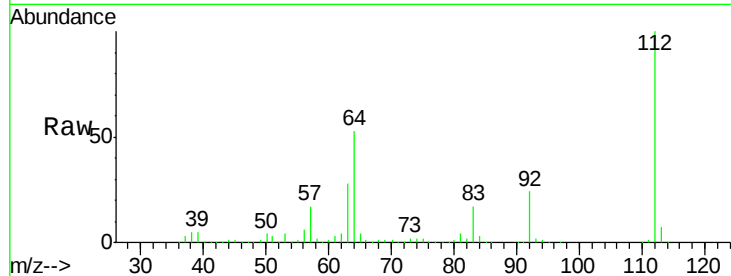
ClientSampleId :

ICVBF092415

Tgt Ion:	112	Resp:	662838
Ion Ratio	Lower	Upper	
112	100		
64	53.2	39.7	59.5
63	27.9	17.4	26.0

Manual Integrations
APPROVED

MMDadoda
9/25/2015 3:36:48 PM



#6

Aniline

Concen: 42.05 ng

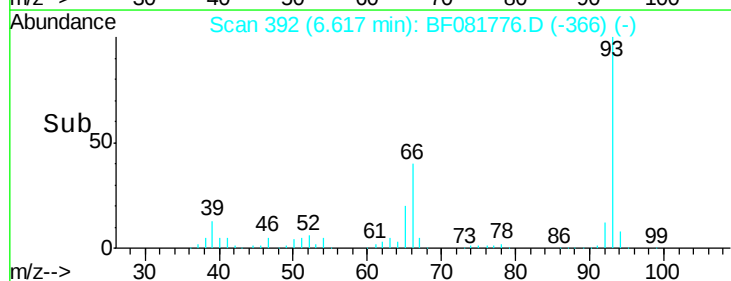
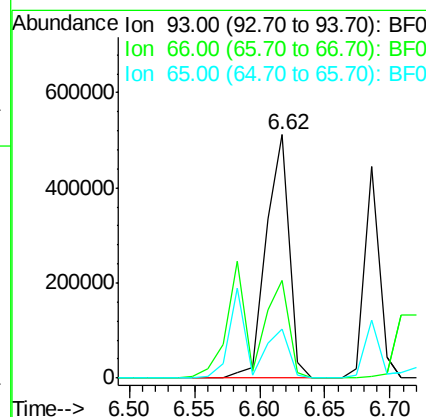
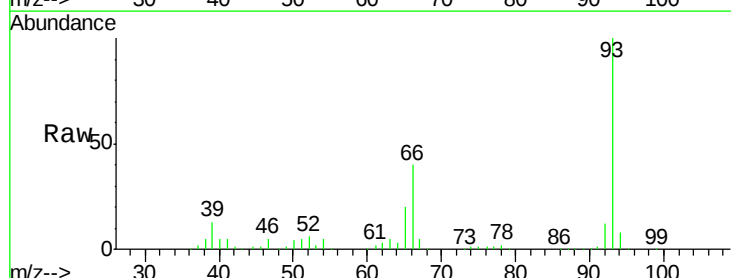
RT: 6.62 min Scan# 392

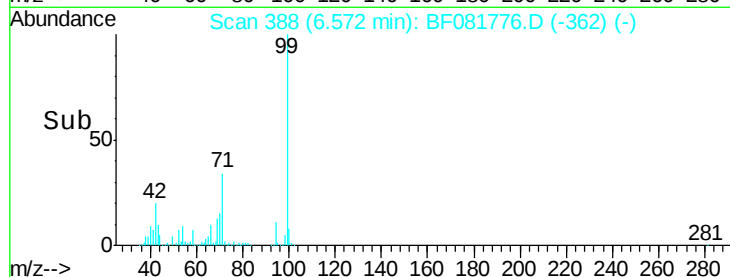
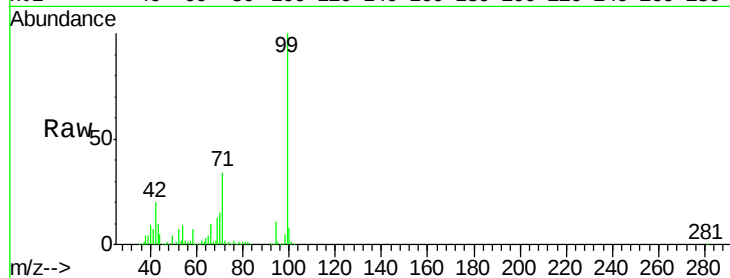
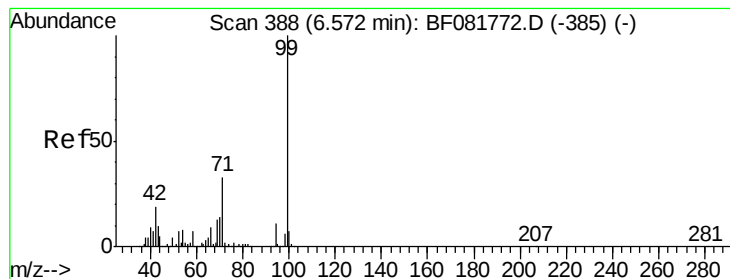
Delta R.T. 0.00 min

Lab File: BF081776.D

Acq: 24 Sep 2015 21:28

Tgt Ion:	93	Resp:	630668
Ion Ratio	Lower	Upper	
93	100		
66	40.2	27.2	40.8
65	20.3	14.7	22.1





#7

Phenol-d6

Concen: 79.47 ng

RT: 6.57 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081776.D

Acq: 24 Sep 2015 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	796210		
42	19.6	13.7	20.5	
71	33.5	14.2	21.2	

Instrument :

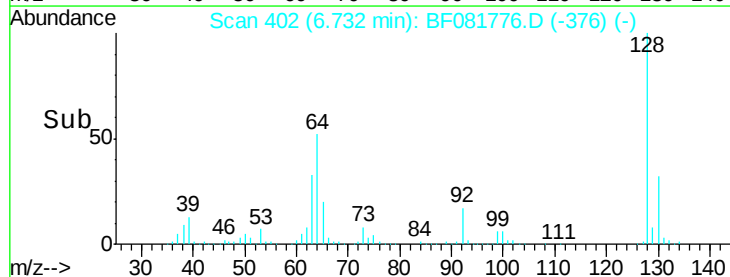
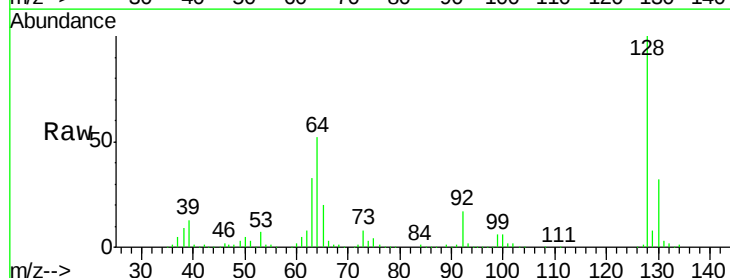
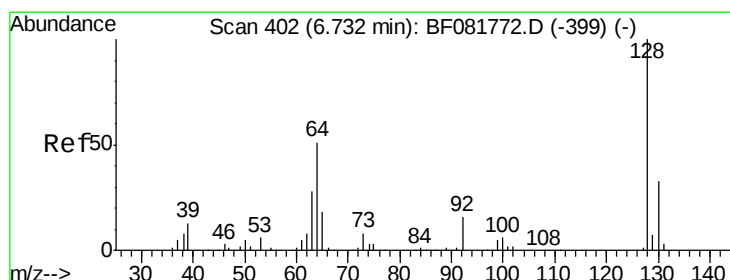
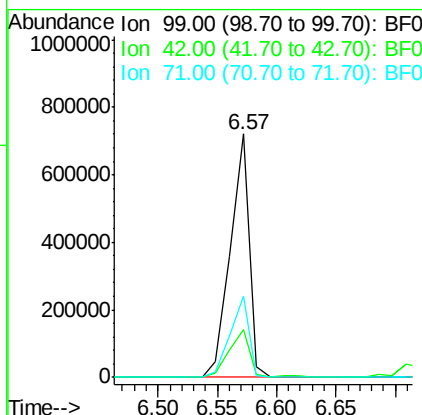
BNA_F

ClientSampleId :

ICVBF092415

Manual Integrations
APPROVED

MMDadoda
9/25/2015 3:36:48 PM



#8

2-Chlorophenol

Concen: 43.31 ng

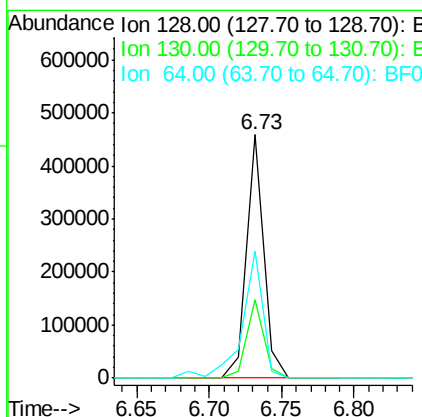
RT: 6.73 min Scan# 402

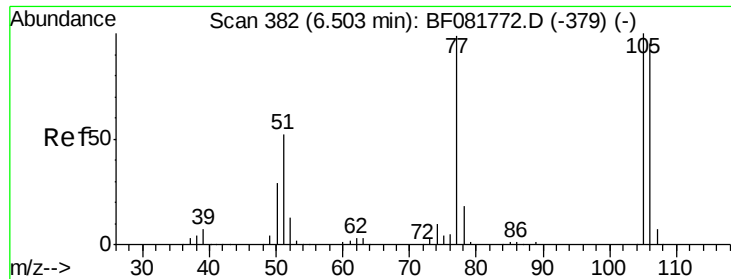
Delta R.T. 0.00 min

Lab File: BF081776.D

Acq: 24 Sep 2015 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	378023		
130	32.4	12.2	52.2	
64	52.4	20.5	60.5	





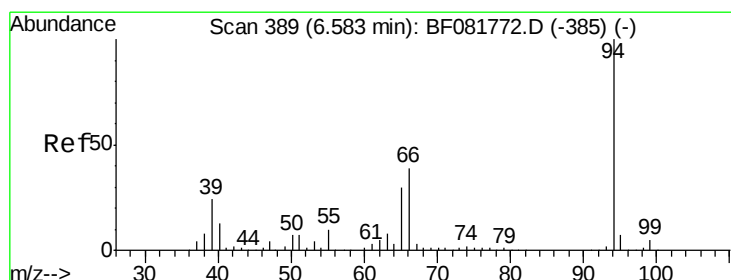
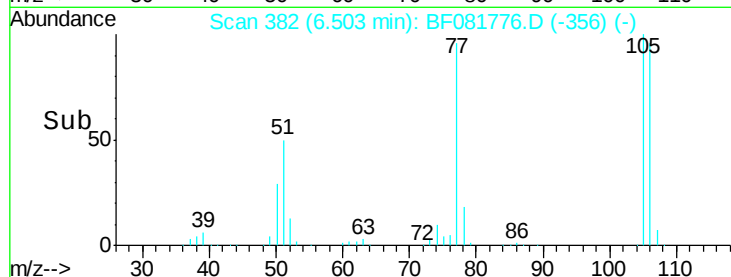
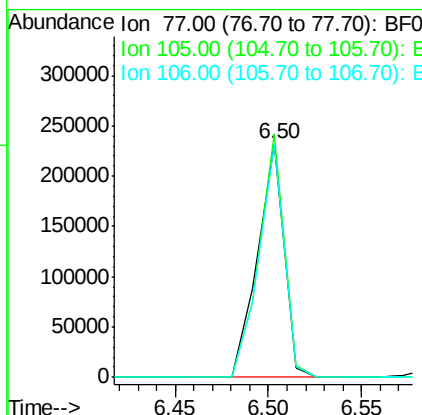
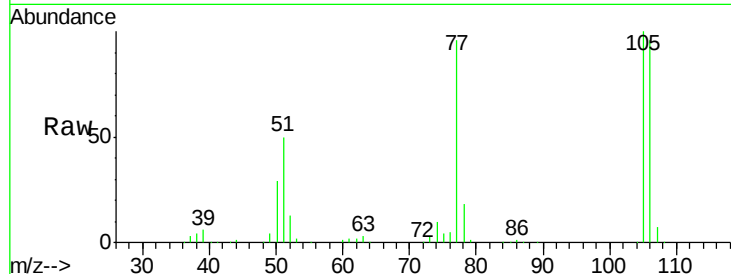
#9
Benzaldehyde
Concen: 38.23 ng
RT: 6.50 min Scan# 382
Delta R.T. 0.00 min
Lab File: BF081776.D
Acq: 24 Sep 2015 21:28

Instrument :
BNA_F
ClientSampleId :
ICVBF092415

Tgt Ion: 77 Resp: 226424
Ion Ratio Lower Upper
77 100
105 104.3 91.6 131.6
106 100.2 102.6 142.6#

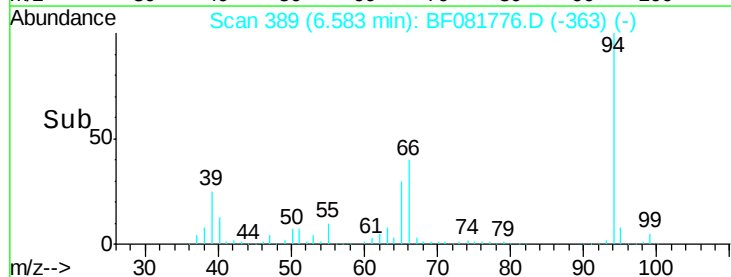
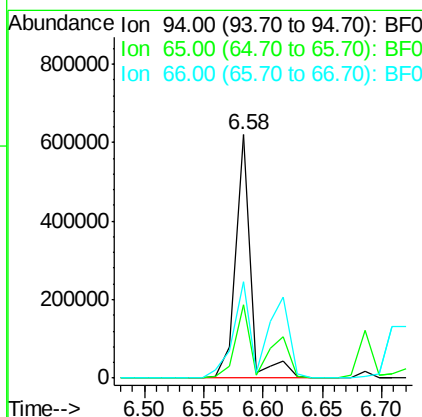
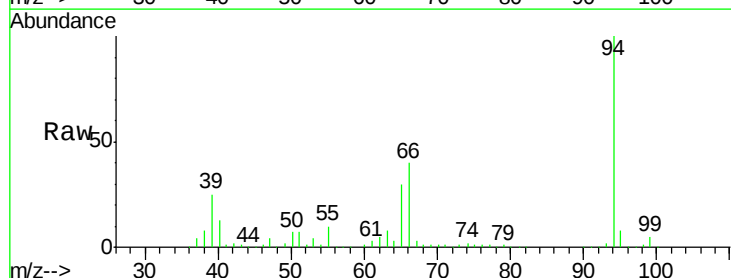
Manual Integrations
APPROVED

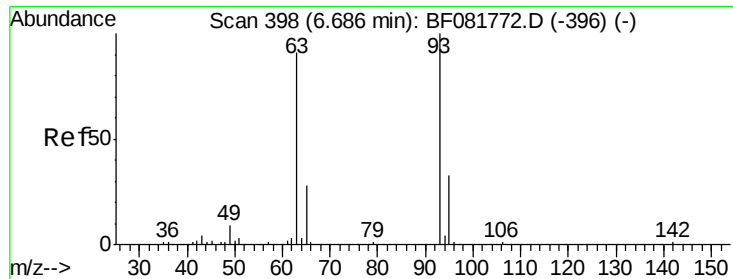
MMDadoda
9/25/2015 3:36:48 PM



#10
Phenol
Concen: 46.78 ng
RT: 6.58 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF081776.D
Acq: 24 Sep 2015 21:28

Tgt Ion: 94 Resp: 544372
Ion Ratio Lower Upper
94 100
65 30.3 0.7 40.7
66 39.5 0.8 40.8





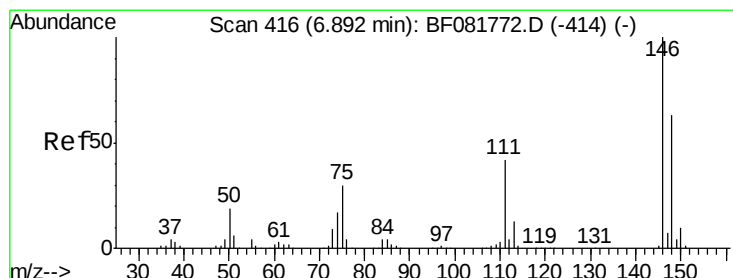
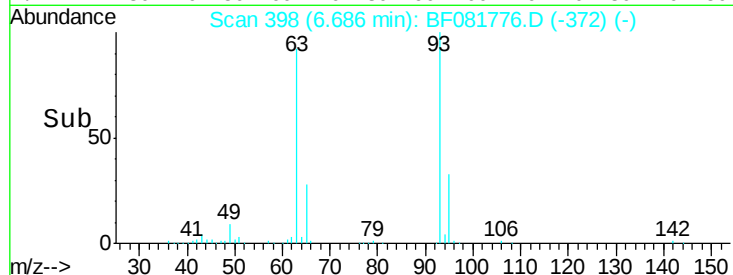
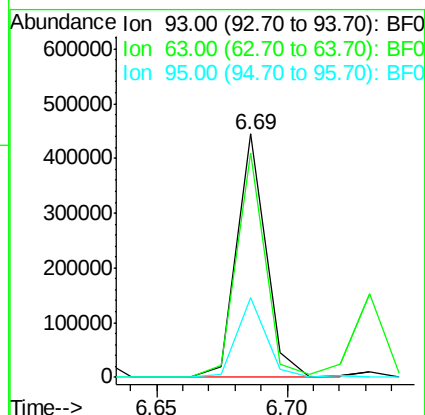
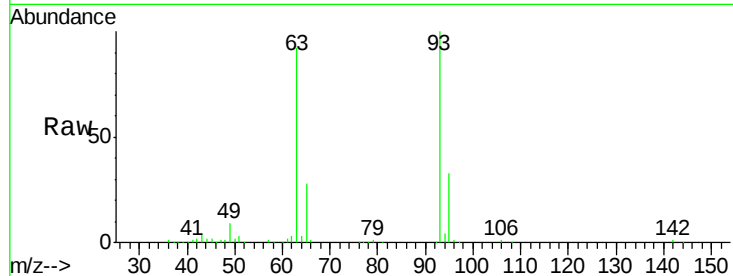
#11
bis(2-Chloroethyl)ether
Concen: 40.92 ng
RT: 6.69 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF081776.D
Acq: 24 Sep 2015 21:28

Instrument :
BNA_F
ClientSampleId :
ICVBF092415

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	349187		
63	92.3	65.6	105.6	
95	32.9	13.6	53.6	

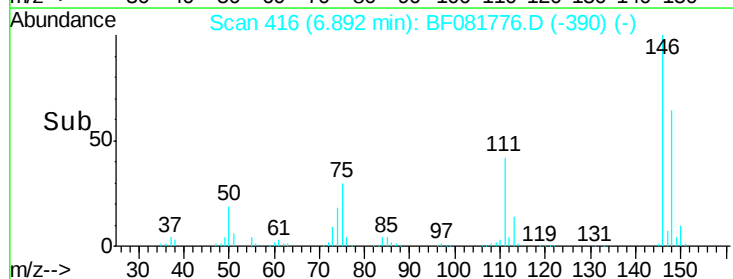
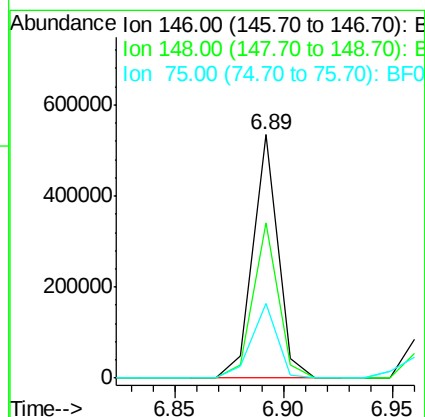
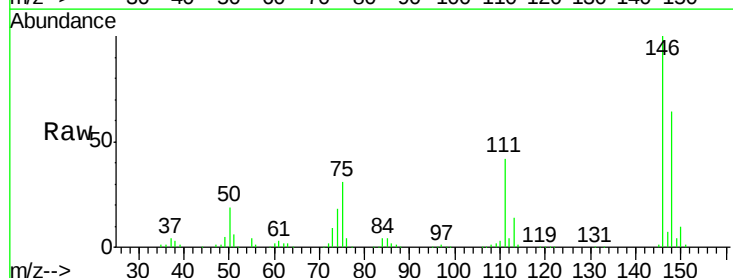
Manual Integrations
APPROVED

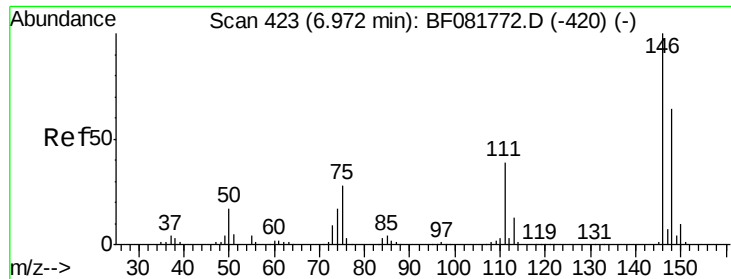
MMDadoda
9/25/2015 3:36:48 PM



#12
1,3-Dichlorobenzene
Concen: 41.73 ng
RT: 6.89 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF081776.D
Acq: 24 Sep 2015 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	430944		
148	63.9	51.0	76.4	
75	30.6	15.0	22.6	





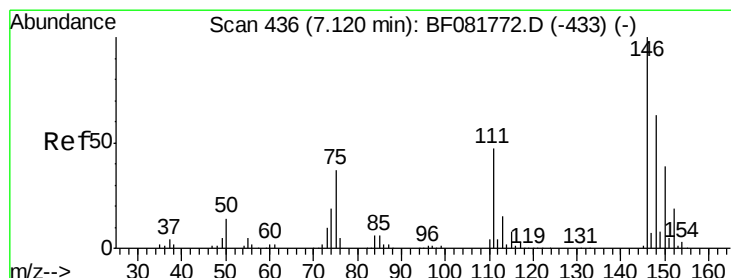
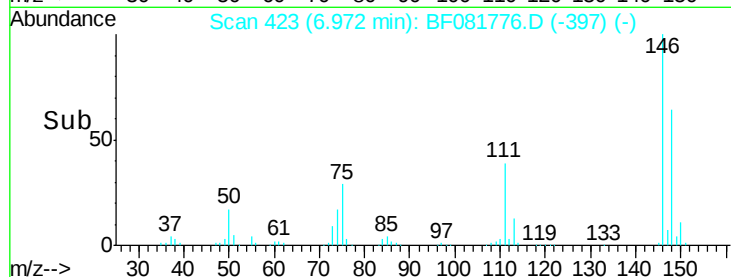
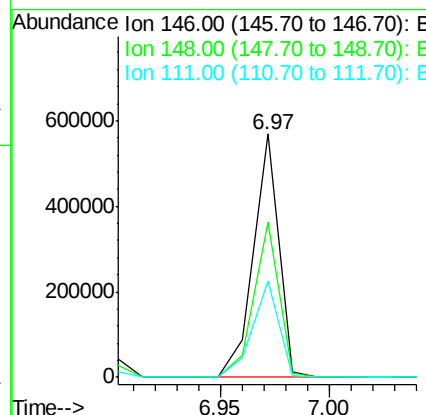
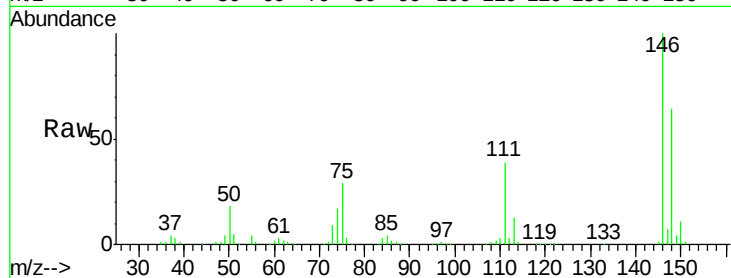
#13
 1,4-Dichlorobenzene
 Concen: 43.95 ng
 RT: 6.97 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: BF081776.D
 Acq: 24 Sep 2015 21:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092415

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.6
111	39.5	24.9	37.3

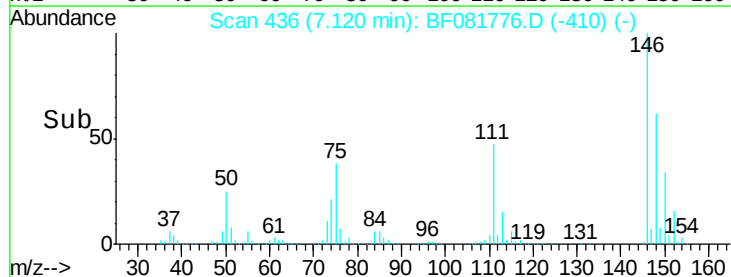
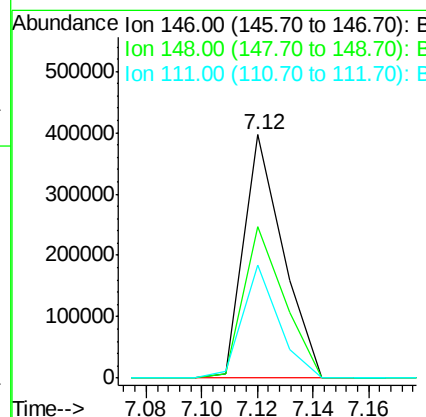
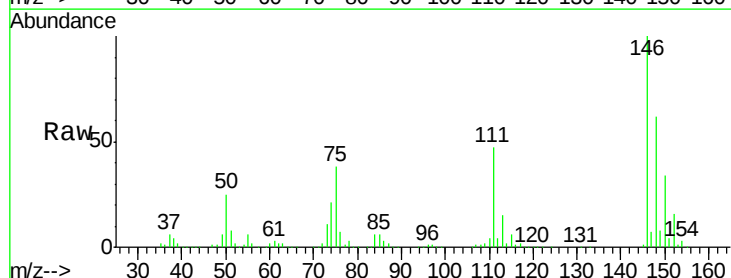
Manual Integrations
 APPROVED

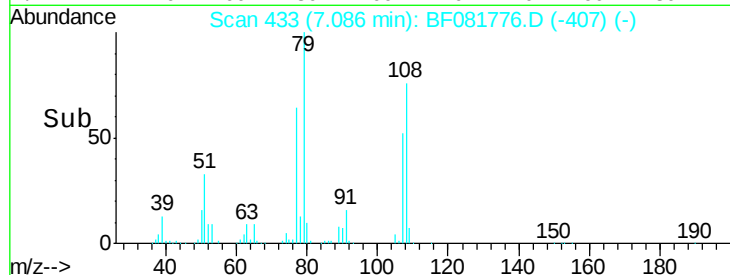
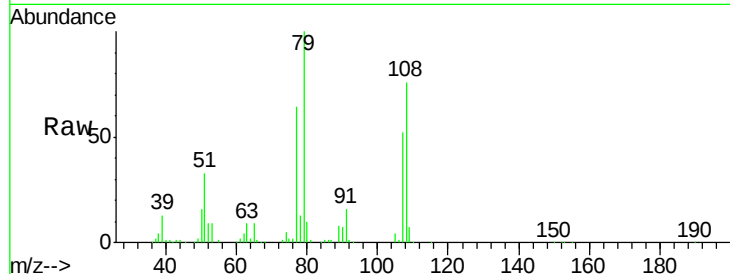
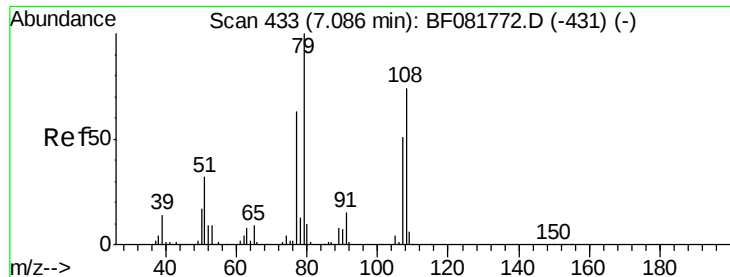
MMDadoda
 9/25/2015 3:36:48 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.84 ng m
 RT: 7.12 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: BF081776.D
 Acq: 24 Sep 2015 21:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	52.7	79.1
111	46.5	28.8	43.2





#15

Benzyl Alcohol

Concen: 43.08 ng

RT: 7.09 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF081776.D

Acq: 24 Sep 2015 21:28

Tgt Ion:	79	Resp:	340406
Ion Ratio	Lower	Upper	
79	100		
108	75.7	88.6	132.8#
77	64.1	47.0	70.4

Instrument :

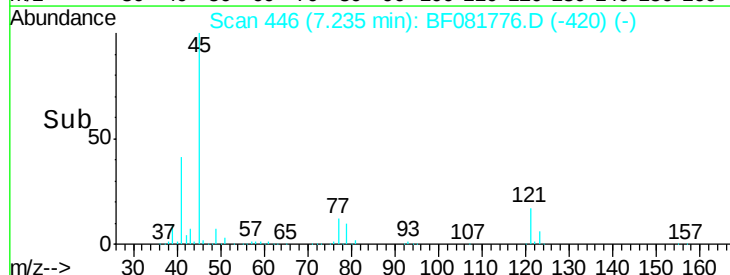
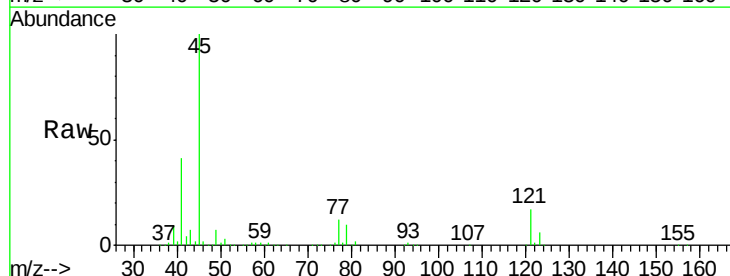
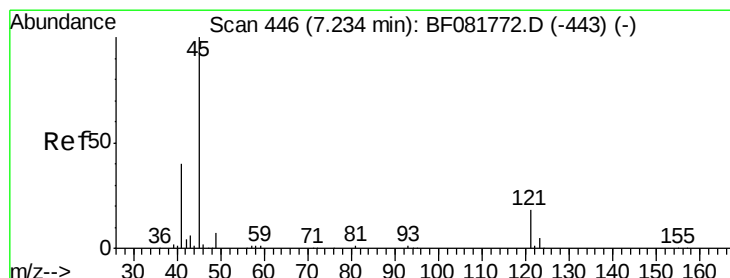
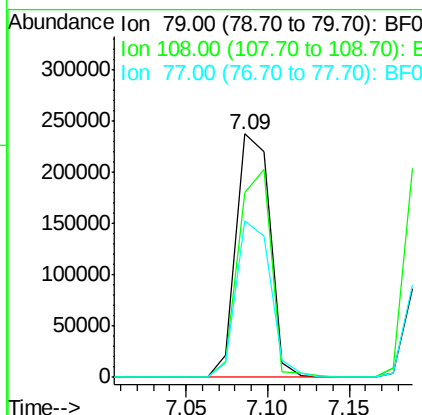
BNA_F

ClientSampleId :

ICVBF092415

Manual Integrations
APPROVED

MMDadoda
9/25/2015 3:36:48 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.68 ng

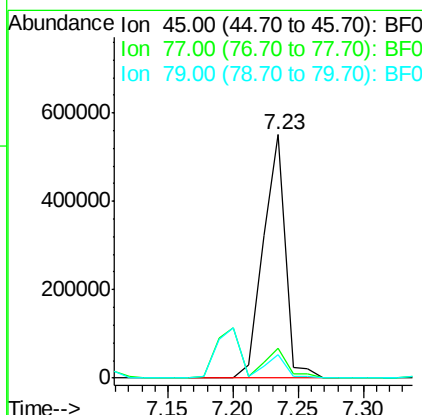
RT: 7.23 min Scan# 446

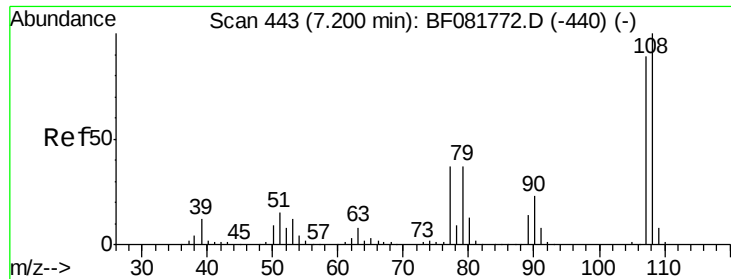
Delta R.T. 0.00 min

Lab File: BF081776.D

Acq: 24 Sep 2015 21:28

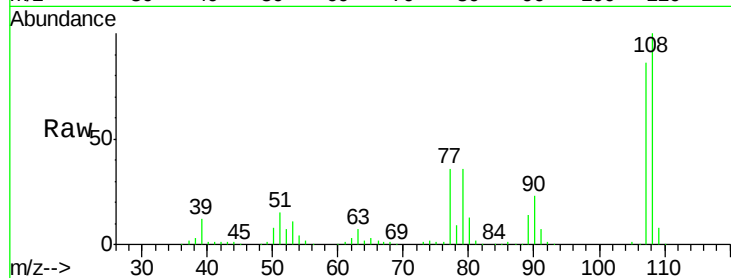
Tgt Ion:	45	Resp:	652334
Ion Ratio	Lower	Upper	
45	100		
77	12.3	0.0	28.1
79	9.8	0.0	26.0





#17
2-Methylphenol
Concen: 43.11 ng
RT: 7.20 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF081776.D
Acq: 24 Sep 2015 21:28

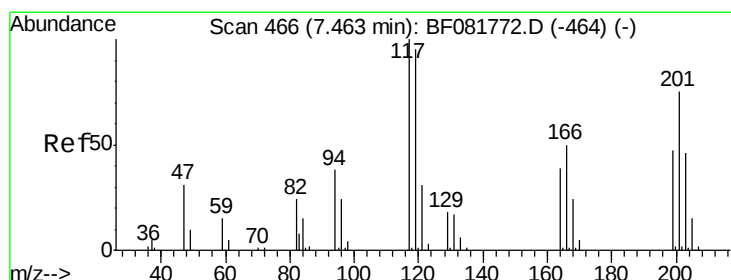
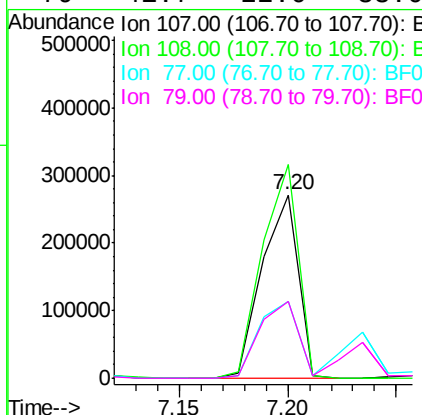
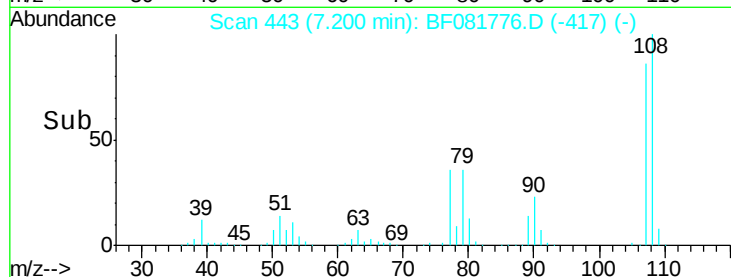
Instrument :
BNA_F
ClientSampleId :
ICVBF092415



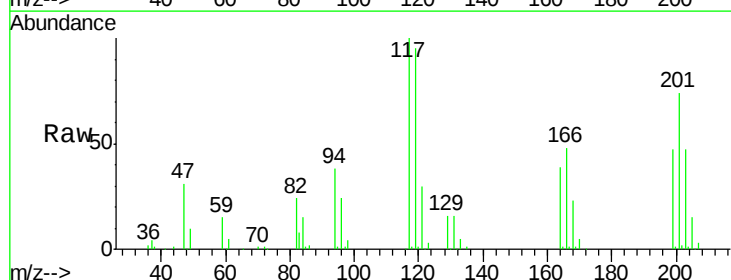
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	317775		
108	116.3	96.6	145.0	
77	42.1	23.3	34.9#	
79	41.7	22.0	33.0#	

Manual Integrations
APPROVED

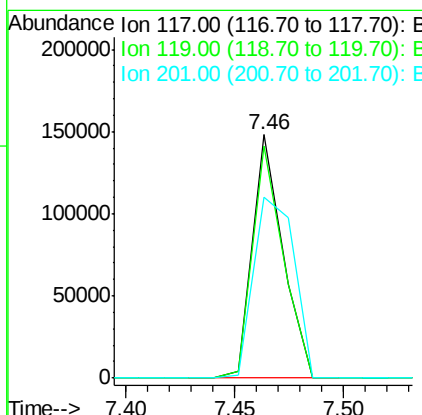
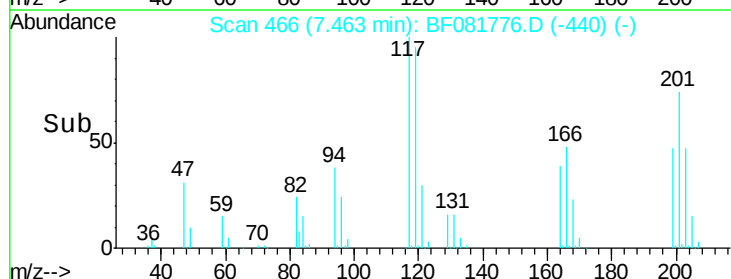
MMDadoda
9/25/2015 3:36:48 PM

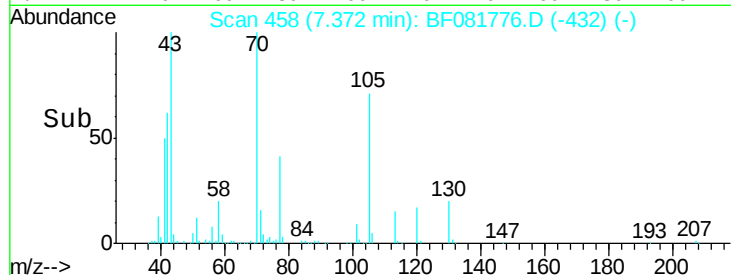
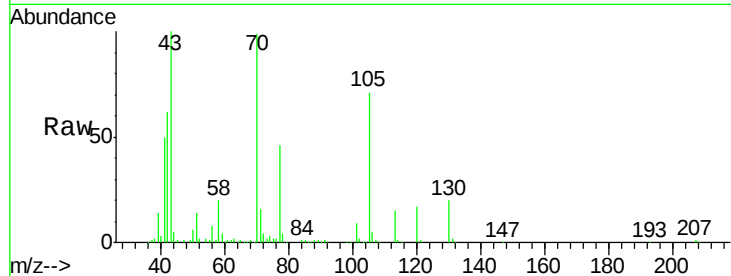
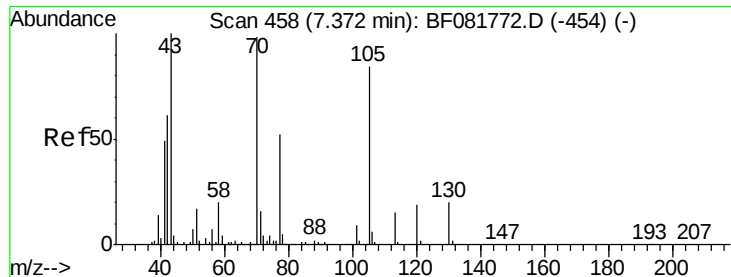


#18
Hexachloroethane
Concen: 42.31 ng
RT: 7.46 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF081776.D
Acq: 24 Sep 2015 21:28



Tgt Ion	Ratio	Resp	Lower	Upper
117	100	143963		
119	95.4	83.8	125.6	
201	74.4	55.1	82.7	





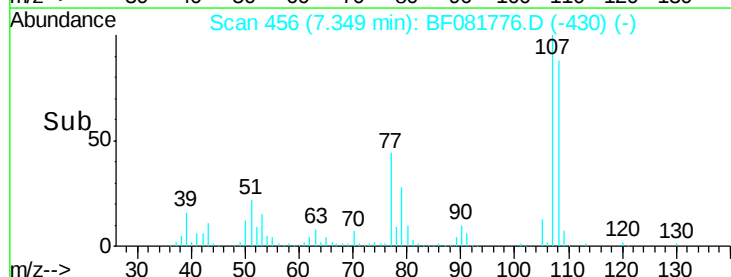
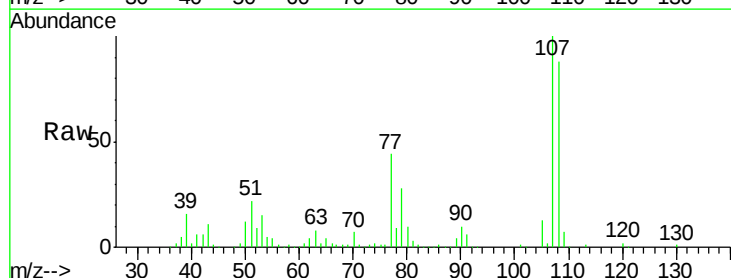
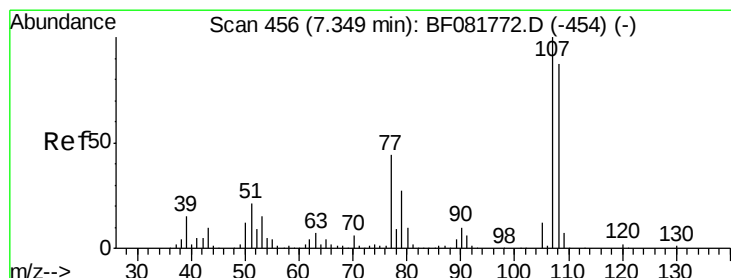
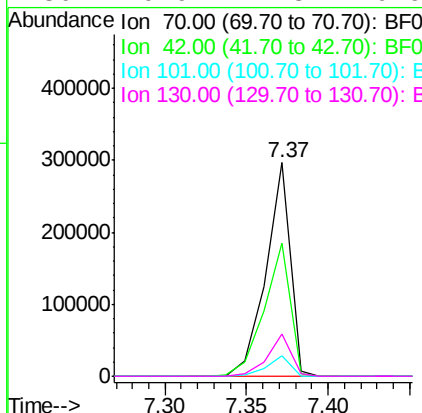
#19
n-Nitroso-di-n-propylamine
Concen: 46.35 ng
RT: 7.37 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF081776.D
Acq: 24 Sep 2015 21:28

Instrument :
BNA_F
ClientSampleId :
ICVBF092415

Manual Integrations
APPROVED

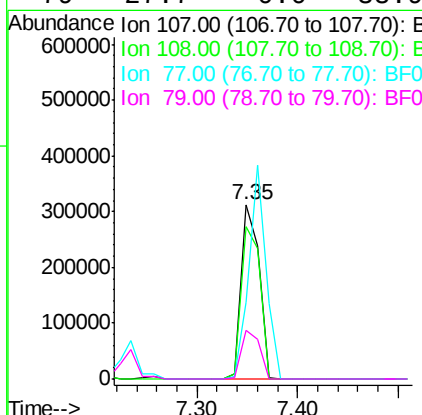
MMDadoda
9/25/2015 3:36:48 PM

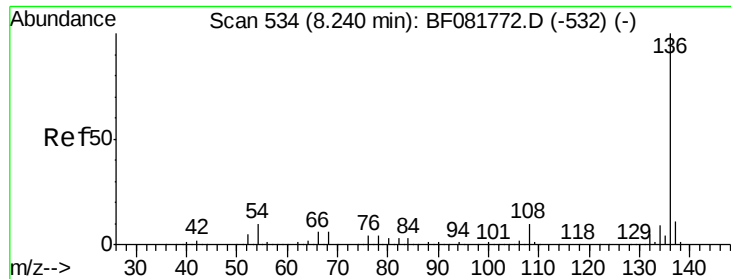
Tgt Ion	Ratio	Resp	Lower	Upper
70	100	309597		
42	62.1	63.8	95.6#	
101	9.4	9.2	13.8	
130	19.9	27.3	40.9#	



#20
3+4-Methylphenols
Concen: 41.86 ng
RT: 7.35 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF081776.D
Acq: 24 Sep 2015 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	387706		
108	87.6	74.6	114.6	
77	44.3	0.7	40.7#	
79	27.7	0.0	38.9	





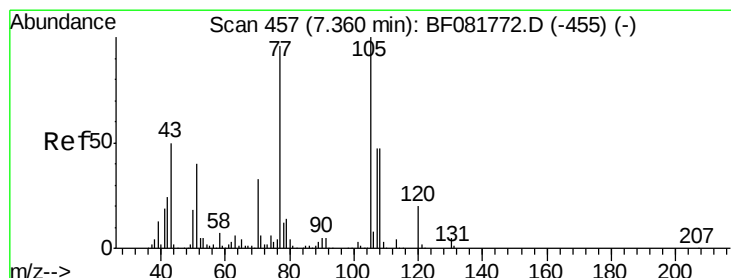
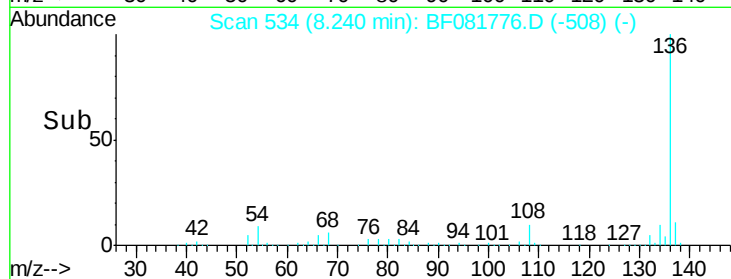
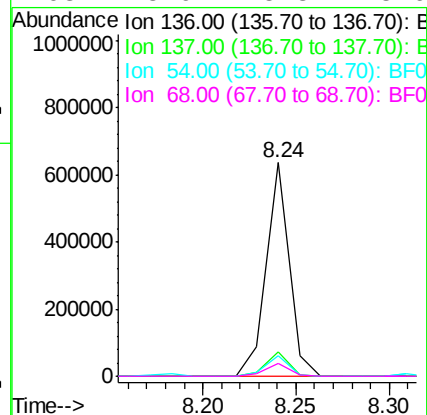
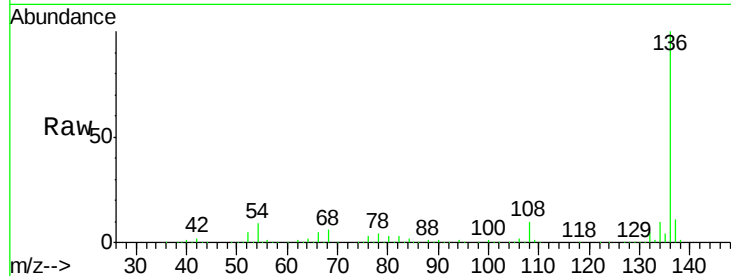
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF081776.D
Acq: 24 Sep 2015 21:28

Instrument :
BNA_F
ClientSampleId :
ICVBF092415

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	539359		
137	11.3	9.0	13.6	
54	9.4	8.2	12.2	
68	5.9	5.8	8.6	

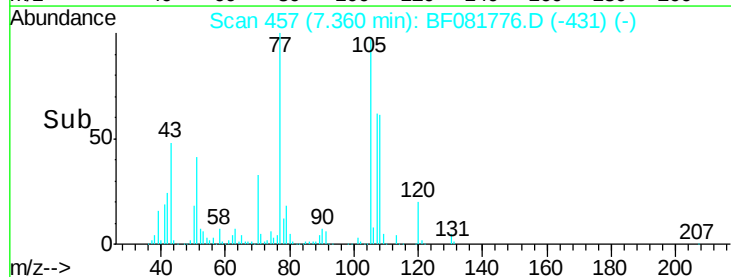
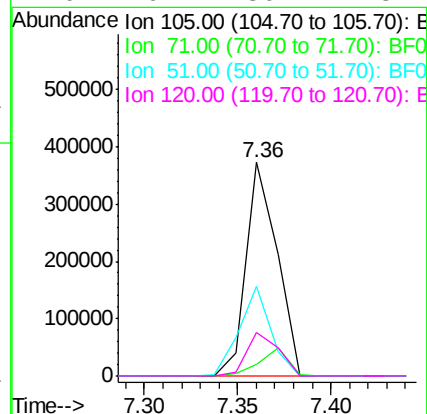
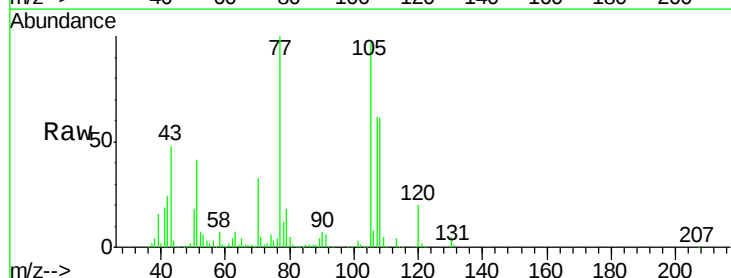
Manual Integrations
APPROVED

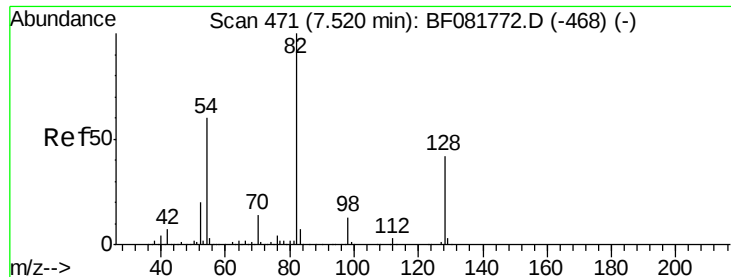
MMDadoda
9/25/2015 3:36:48 PM



#22
Acetophenone
Concen: 36.25 ng
RT: 7.36 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF081776.D
Acq: 24 Sep 2015 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	428798		
71	5.6	4.7	7.1	
51	41.9	22.0	33.0#	
120	20.2	30.1	45.1#	





#23

Nitrobenzene-d5

Concen: 83.62 ng

RT: 7.52 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF081776.D

Acq: 24 Sep 2015 21:28

Instrument :

BNA_F

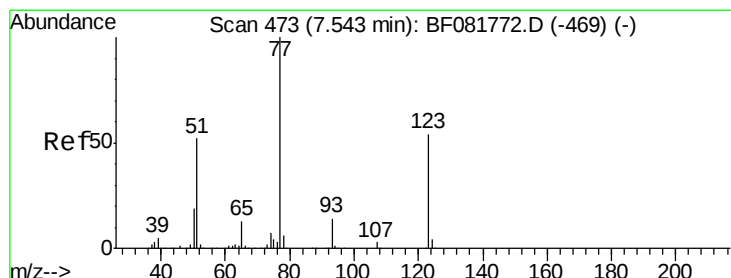
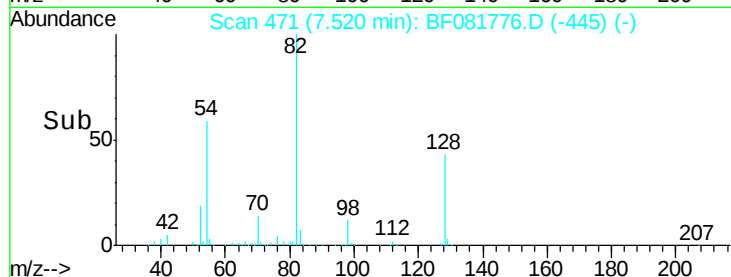
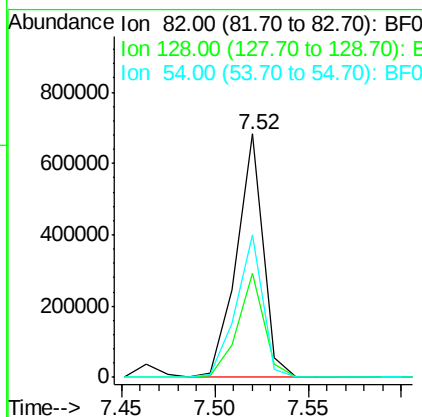
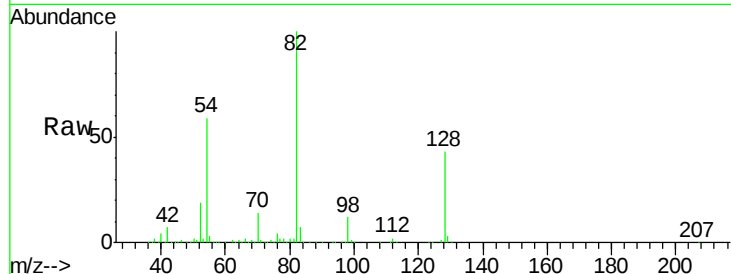
ClientSampleId :

ICVBF092415

Tgt Ion:	82	Resp:	683602
Ion Ratio	Lower	Upper	
82	100		
128	42.7	51.0	76.6#
54	58.8	47.5	71.3

Manual Integrations
APPROVED

MMDadoda
9/25/2015 3:36:48 PM



#24

Nitrobenzene

Concen: 47.96 ng

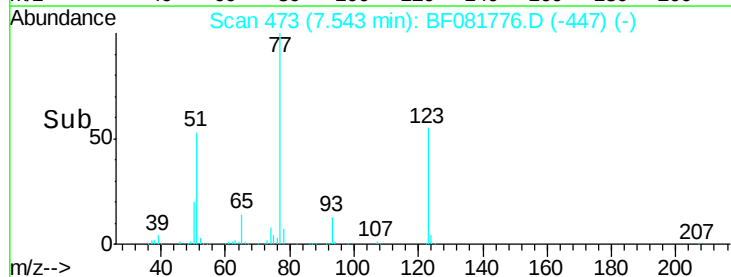
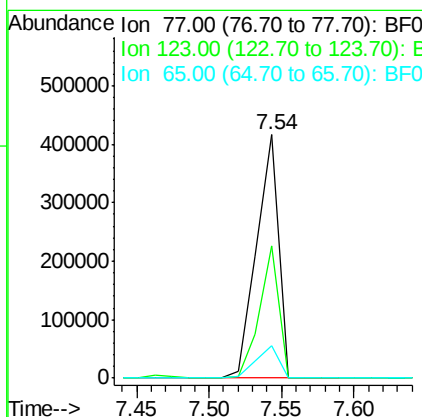
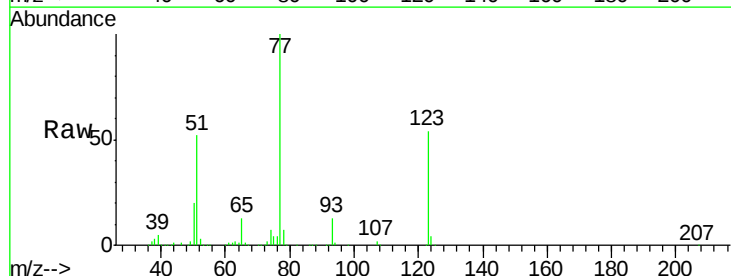
RT: 7.54 min Scan# 473

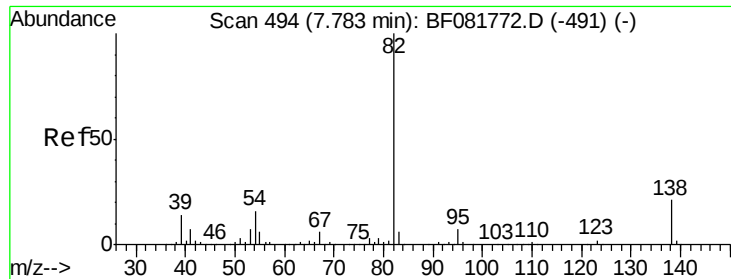
Delta R.T. 0.00 min

Lab File: BF081776.D

Acq: 24 Sep 2015 21:28

Tgt Ion:	77	Resp:	437427
Ion Ratio	Lower	Upper	
77	100		
123	54.4	59.8	89.8#
65	13.4	10.2	15.4





#25

Isophorone

Concen: 43.67 ng

RT: 7.78 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF081776.D

Acq: 24 Sep 2015 21:28

Instrument :

BNA_F

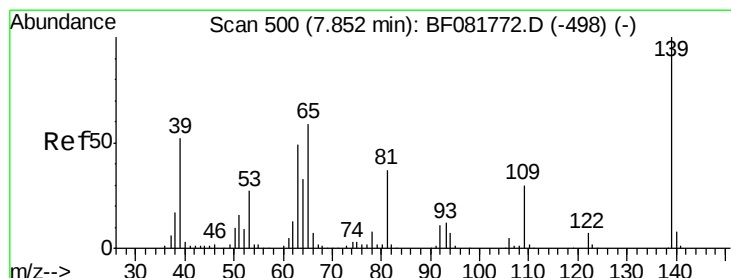
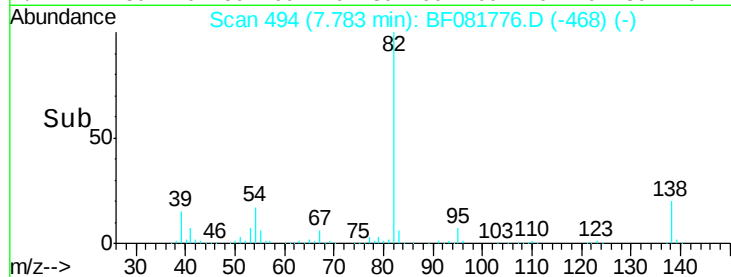
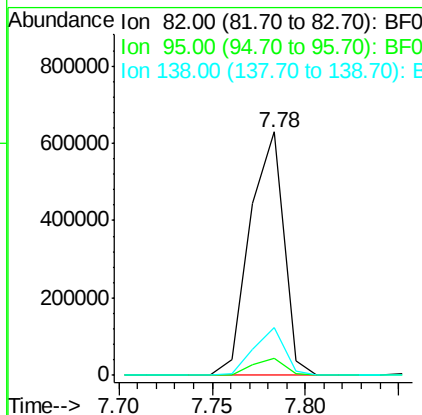
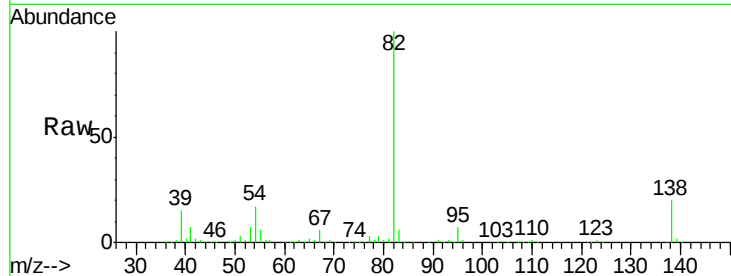
ClientSampleId :

ICVBF092415

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	790843		
95	7.1	4.0	6.0#	
138	19.8	18.3	27.5	

Manual Integrations
APPROVED

MMDadoda
9/25/2015 3:36:48 PM



#26

2-Nitrophenol

Concen: 47.83 ng

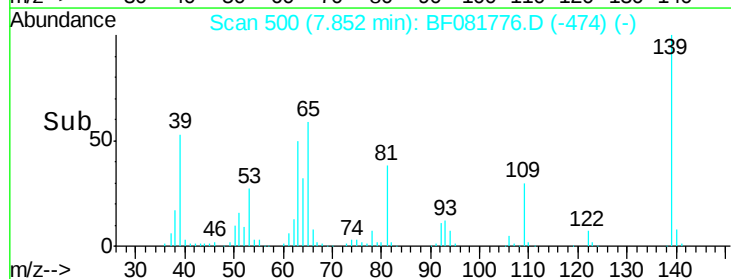
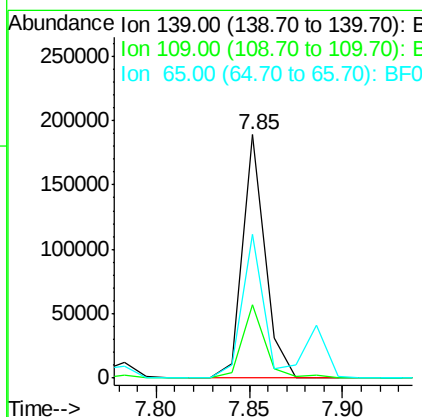
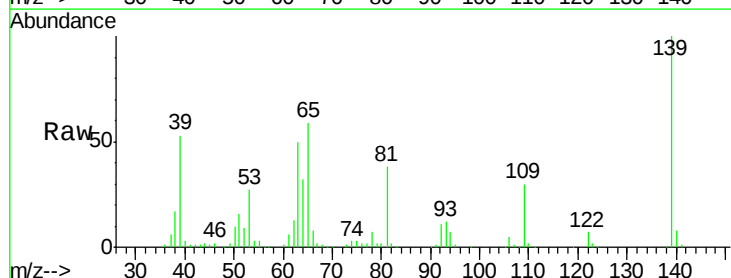
RT: 7.85 min Scan# 500

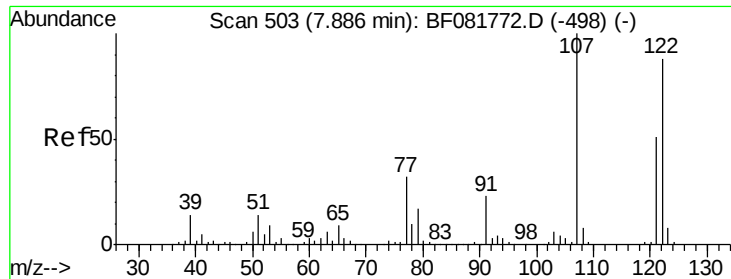
Delta R.T. 0.00 min

Lab File: BF081776.D

Acq: 24 Sep 2015 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	158455		
109	30.4	11.0	16.4#	
65	58.9	24.7	37.1#	





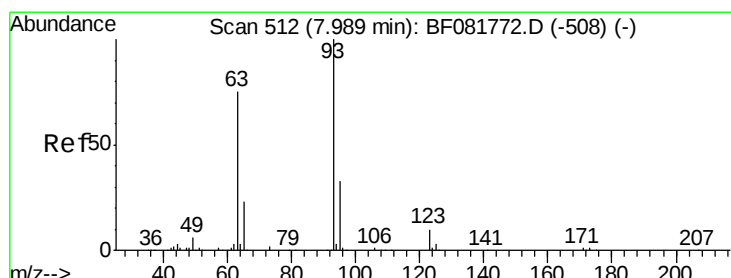
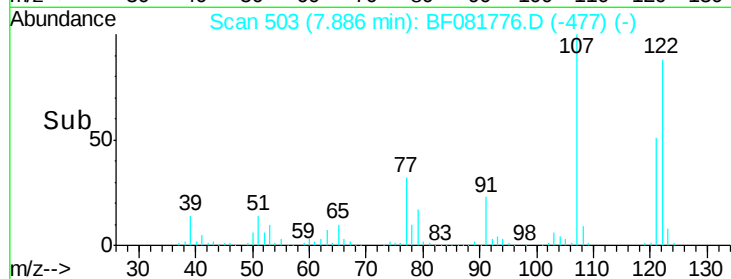
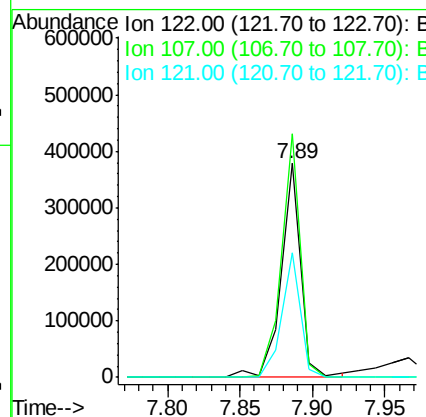
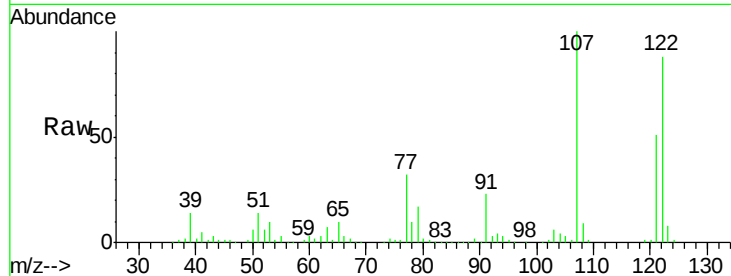
#27
 2,4-Dimethylphenol
 Concen: 42.91 ng
 RT: 7.89 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: BF081776.D
 Acq: 24 Sep 2015 21:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092415

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	352445		
107	113.7	71.8	107.6#	
121	58.3	42.3	63.5	

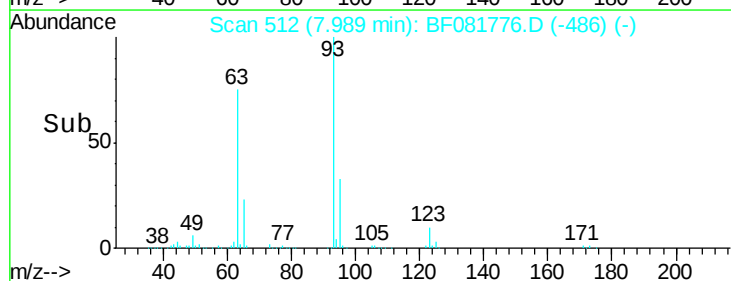
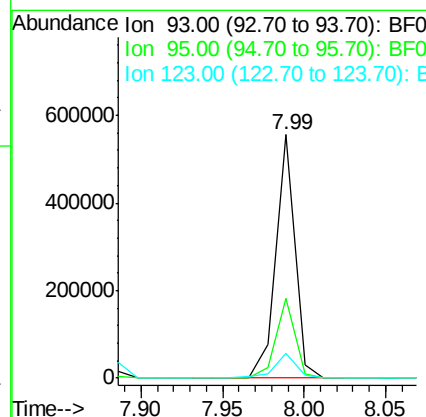
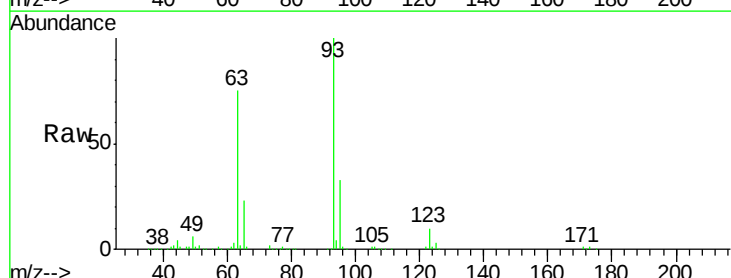
Manual Integrations
 APPROVED

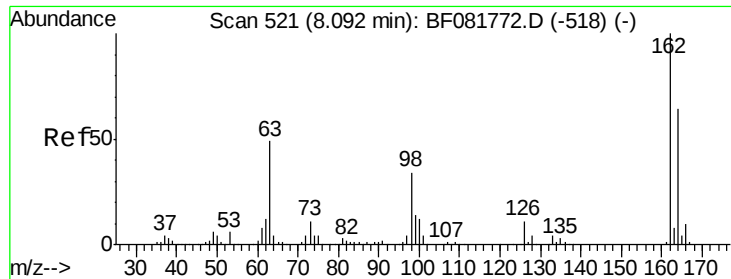
MMDadoda
 9/25/2015 3:36:48 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.21 ng
 RT: 7.99 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF081776.D
 Acq: 24 Sep 2015 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	457131		
95	33.0	27.5	41.3	
123	10.4	13.7	20.5#	





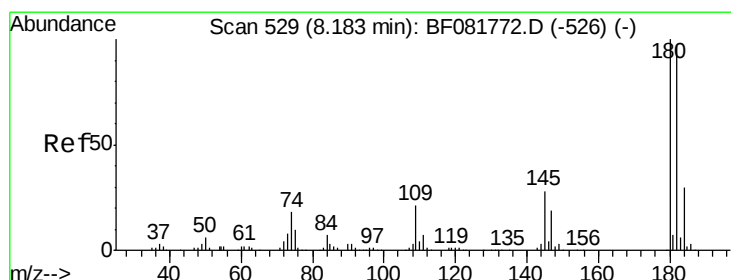
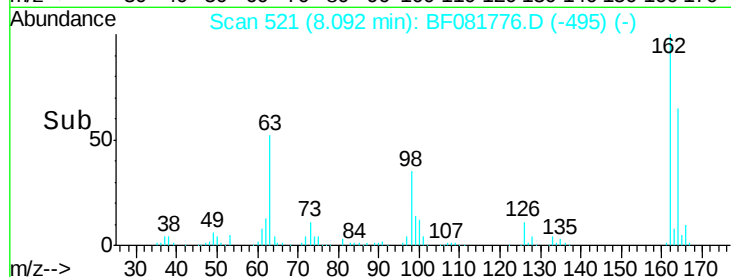
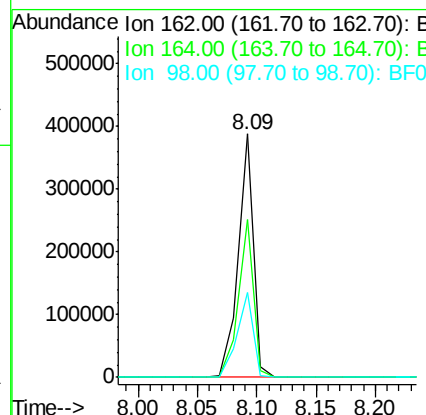
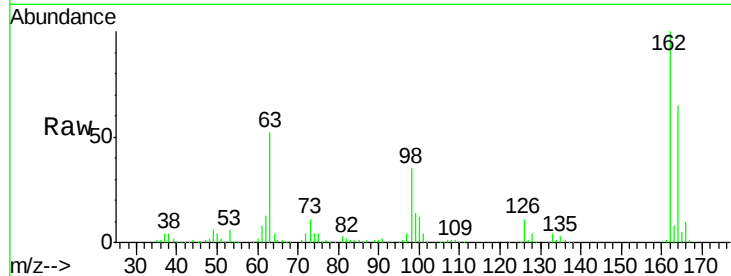
#29
2,4-Dichlorophenol
Concen: 45.18 ng
RT: 8.09 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF081776.D
Acq: 24 Sep 2015 21:28

Instrument :
BNA_F
ClientSampleId :
ICVBF092415

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	345458		
164	64.6	44.9	84.9	
98	34.8	13.0	53.0	

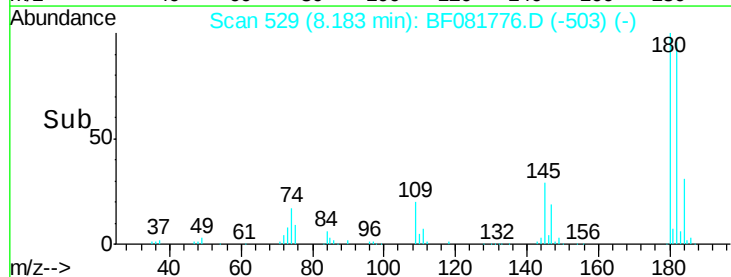
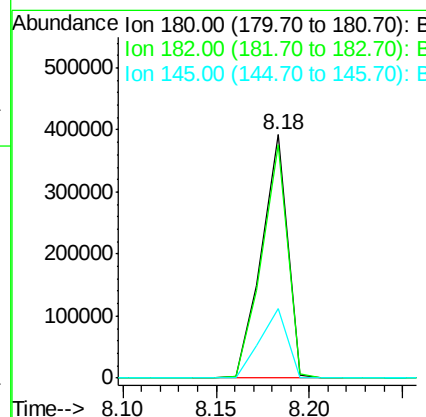
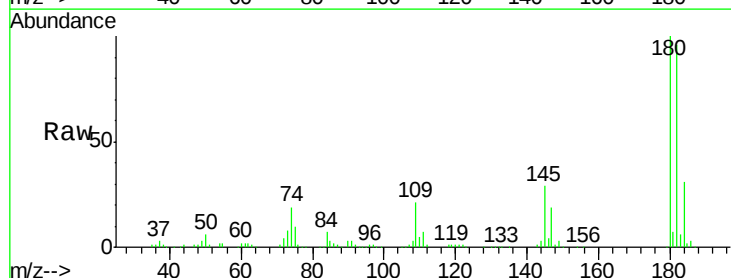
Manual Integrations
APPROVED

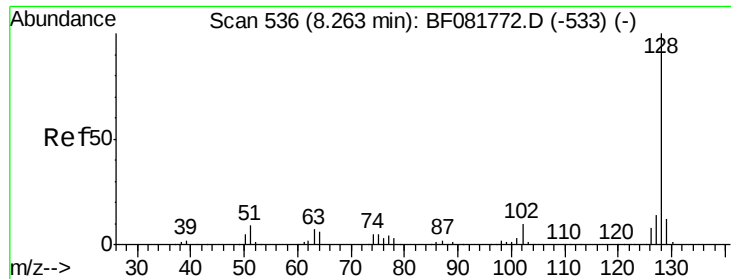
MMDadoda
9/25/2015 3:36:48 PM



#30
1,2,4-Trichlorobenzene
Concen: 44.06 ng
RT: 8.18 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF081776.D
Acq: 24 Sep 2015 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	378138		
182	95.7	77.1	115.7	
145	28.5	23.3	34.9	





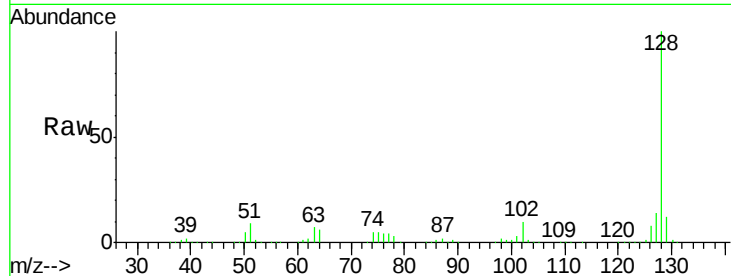
#31
Naphthalene
Concen: 43.71 ng
RT: 8.26 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF081776.D
Acq: 24 Sep 2015 21:28

Instrument :
BNA_F
ClientSampleId :
ICVBF092415

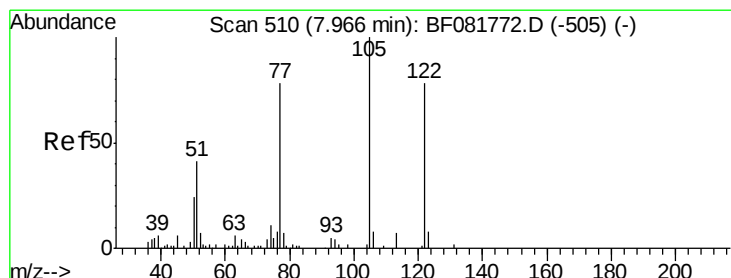
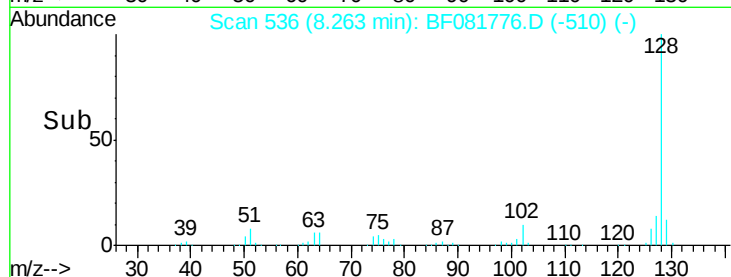
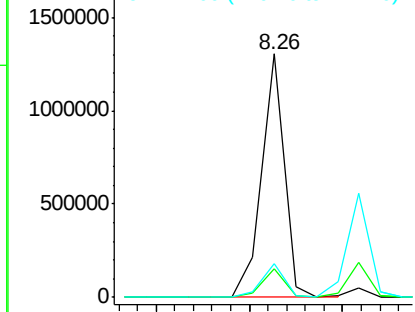
Tgt Ion:128 Resp: 1087664
Ion Ratio Lower Upper
128 100
129 11.7 8.4 12.6
127 14.0 9.9 14.9

Manual Integrations
APPROVED

MMDadoda
9/25/2015 3:36:48 PM

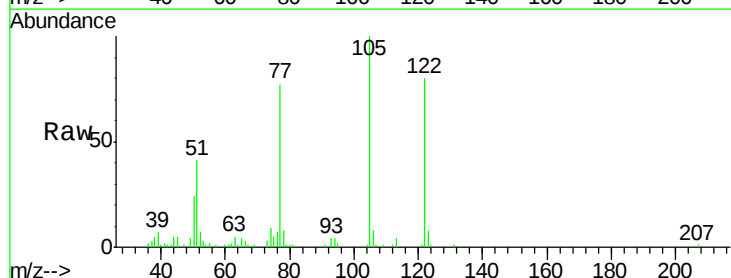


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

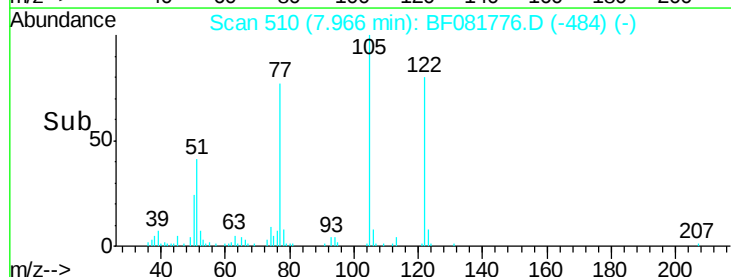
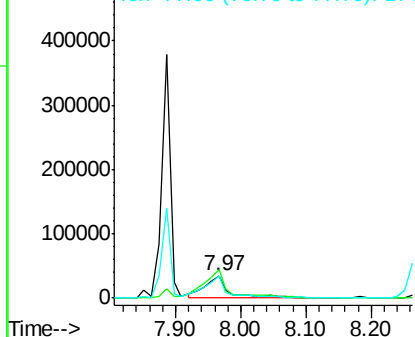


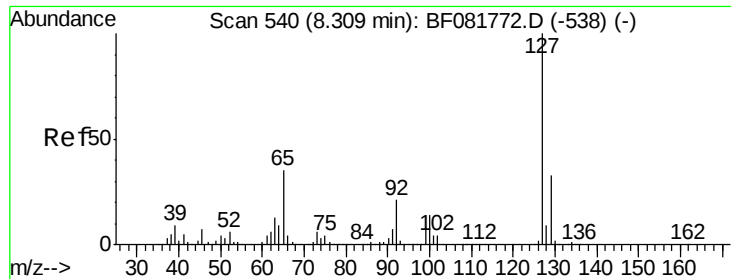
#32
Benzoic acid
Concen: 56.05 ng
RT: 7.97 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF081776.D
Acq: 24 Sep 2015 21:28

Tgt Ion:122 Resp: 89628
Ion Ratio Lower Upper
122 100
105 125.2 76.1 116.1#
77 96.4 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





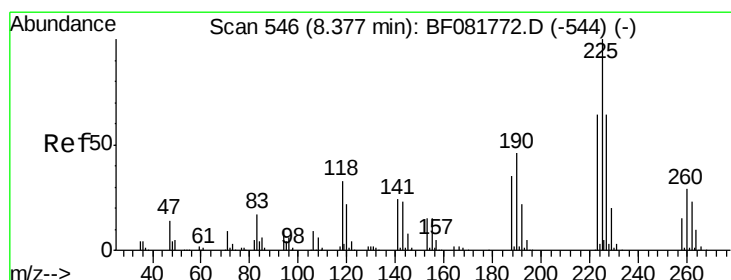
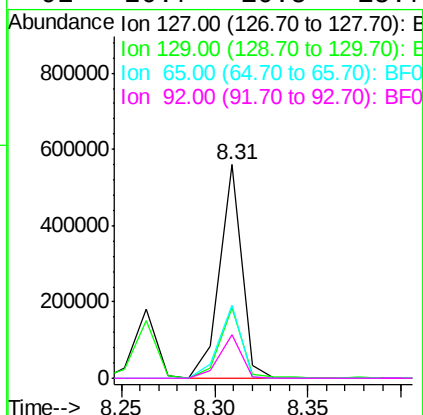
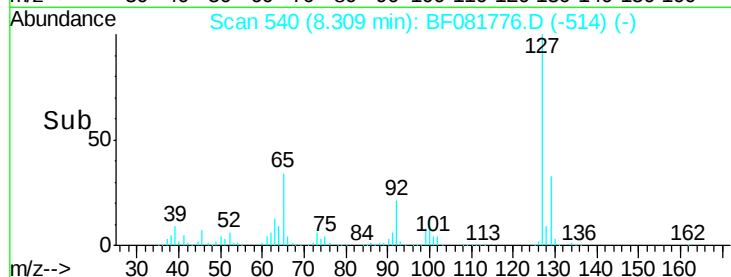
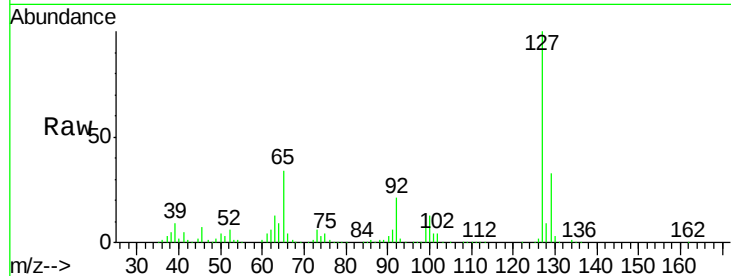
#33
4-Chloroaniline
Concen: 42.58 ng
RT: 8.31 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF081776.D
Acq: 24 Sep 2015 21:28

Instrument :
BNA_F
ClientSampleId :
ICVBF092415

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	465009		
129	33.0	25.8	38.6	
65	34.0	17.9	26.9	
92	20.7	10.5	15.7	

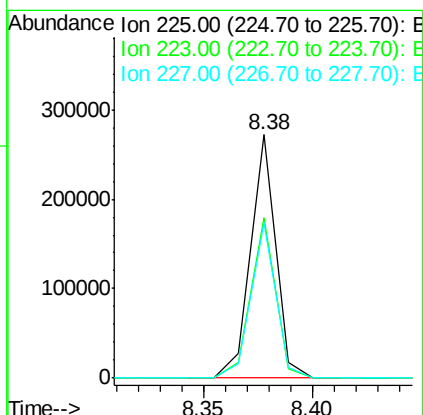
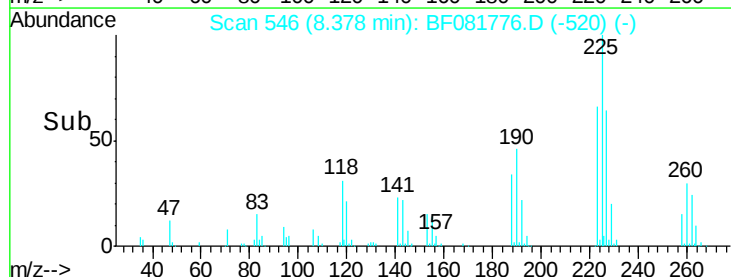
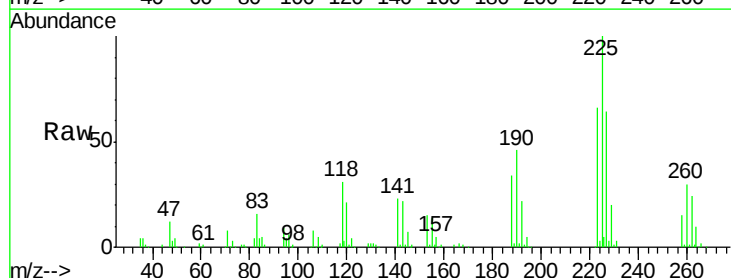
Manual Integrations
APPROVED

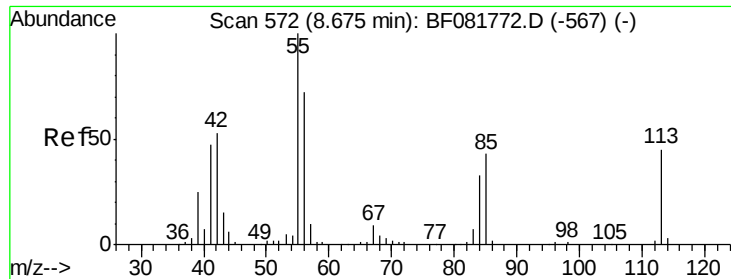
MMDadoda
9/25/2015 3:36:48 PM



#34
Hexachlorobutadiene
Concen: 42.90 ng
RT: 8.38 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF081776.D
Acq: 24 Sep 2015 21:28

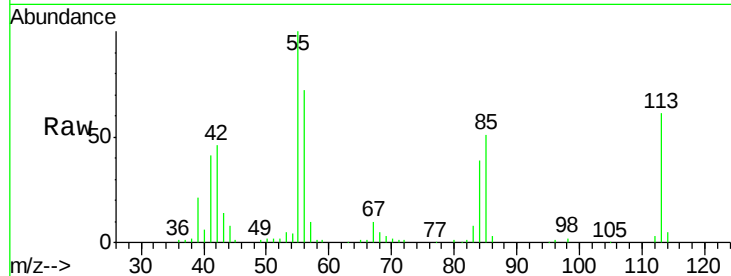
Tgt Ion	Ratio	Resp	Lower	Upper
225	100	217162		
223	65.6	50.2	75.2	
227	63.9	52.2	78.2	





#35
 Caprolactam
 Concen: 44.80 ng
 RT: 8.69 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: BF081776.D
 Acq: 24 Sep 2015 21:28

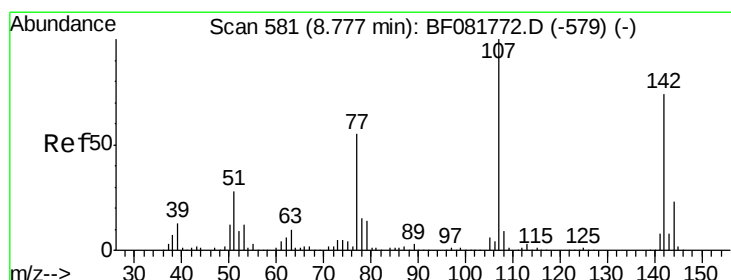
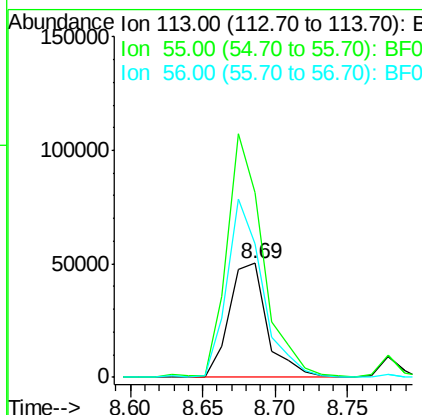
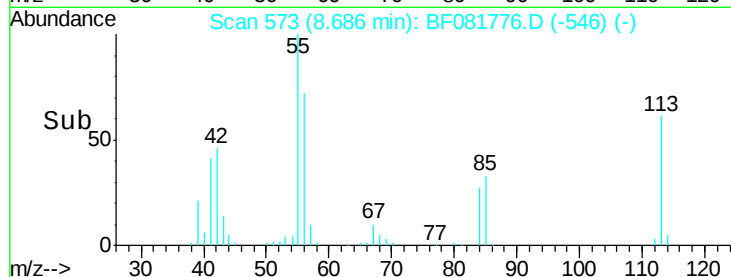
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092415



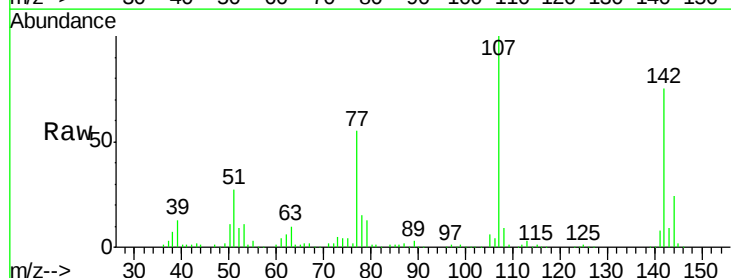
Tgt Ion	Ratio	Lower	Upper
113	100		
55	162.7	152.4	192.4
56	116.9	104.6	144.6

Manual Integrations
 APPROVED

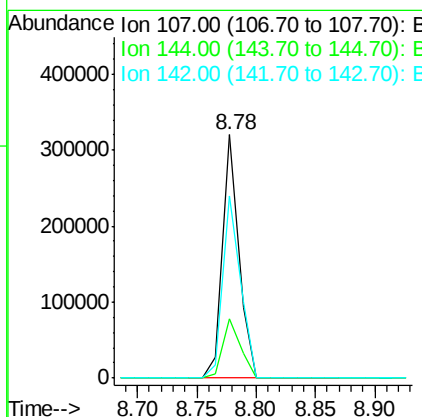
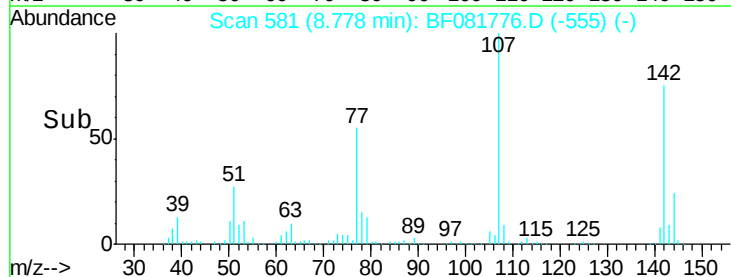
MMDadoda
 9/25/2015 3:36:48 PM

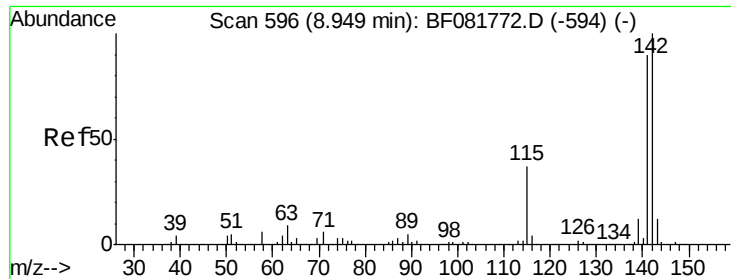


#36
 4-Chloro-3-methylphenol
 Concen: 39.82 ng
 RT: 8.78 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF081776.D
 Acq: 24 Sep 2015 21:28



Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.4	25.4	38.0#
142	74.6	77.3	115.9#





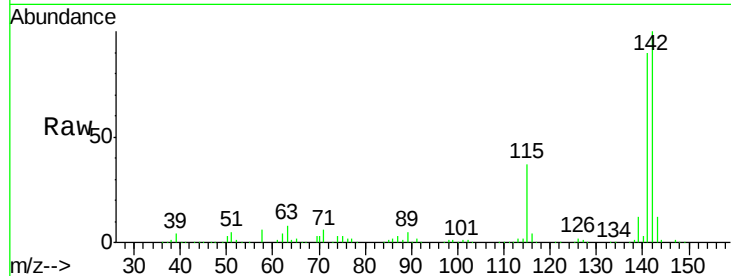
#37
 2-Methylnaphthalene
 Concen: 38.67 ng
 RT: 8.95 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF081776.D
 Acq: 24 Sep 2015 21:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092415

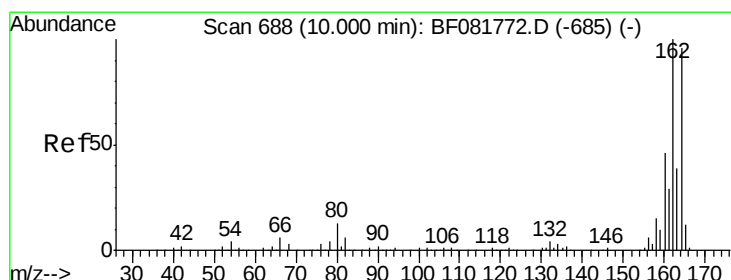
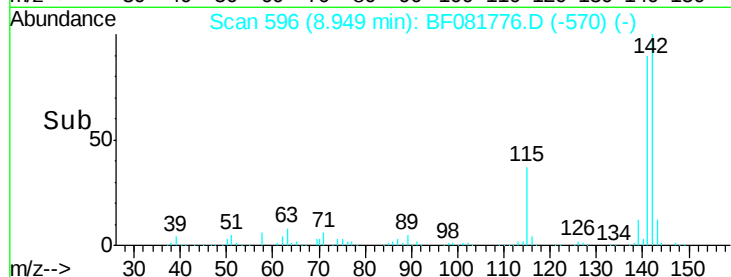
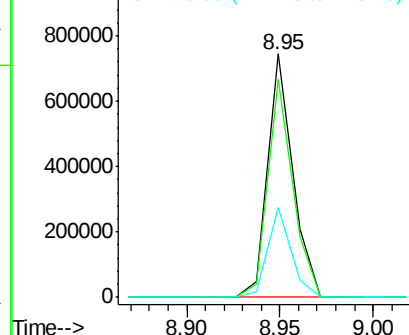
Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
141	89.8	67.5	101.3
115	37.2	18.2	27.2

Manual Integrations
 APPROVED

MMDadoda
 9/25/2015 3:36:48 PM

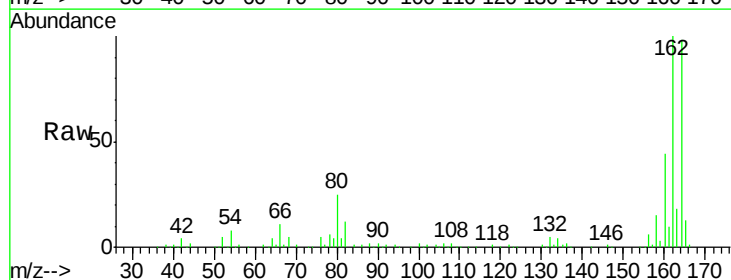


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

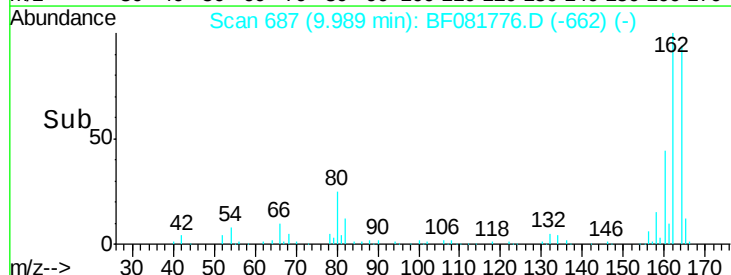
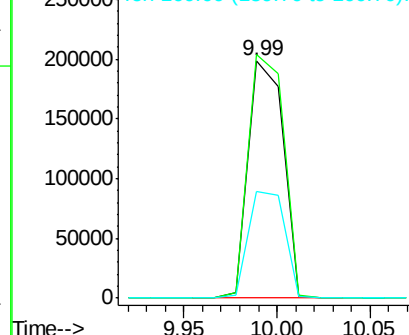


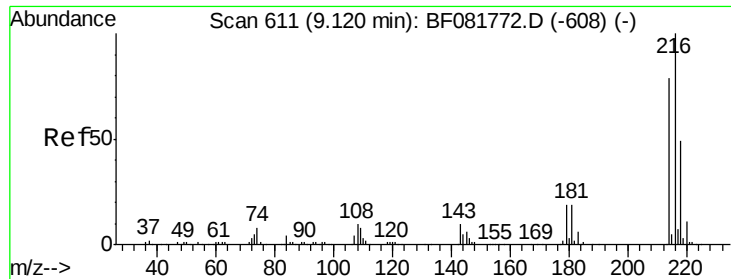
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF081776.D
 Acq: 24 Sep 2015 21:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	102.5	75.2	112.8
160	44.8	31.5	47.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





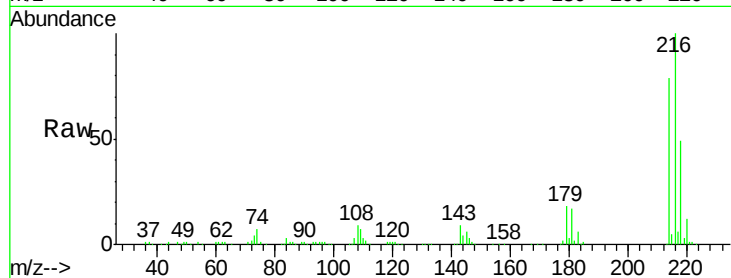
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.22 ng
 RT: 9.12 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF081776.D
 Acq: 24 Sep 2015 21:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092415

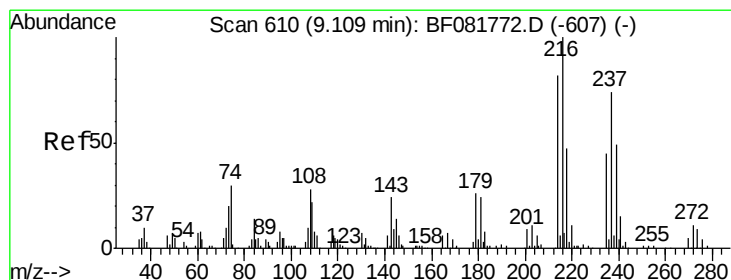
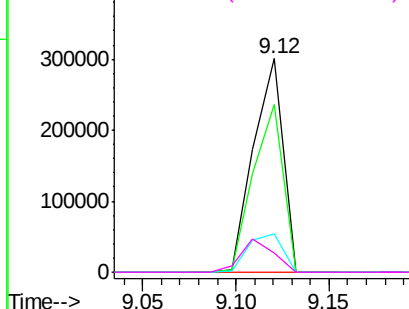
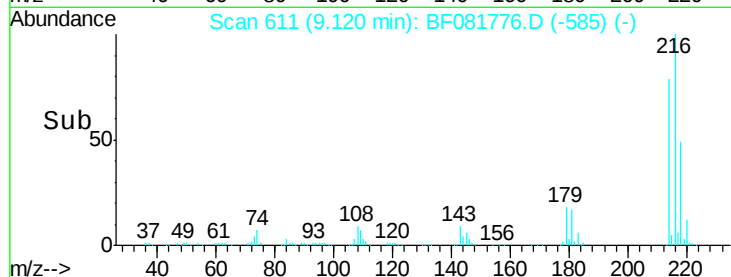
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	328061		
214	79.0	63.5	95.3	
179	20.7	16.6	24.8	
108	17.3	16.3	24.5	

Manual Integrations
 APPROVED

MMDadoda
 9/25/2015 3:36:48 PM

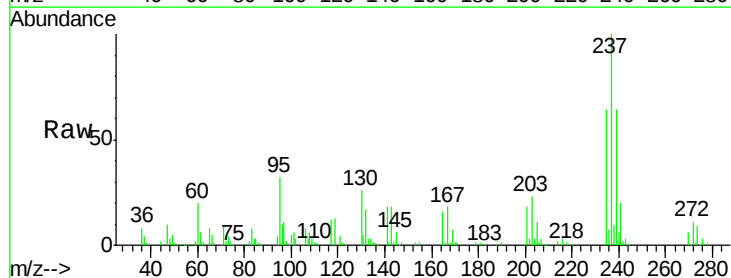


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

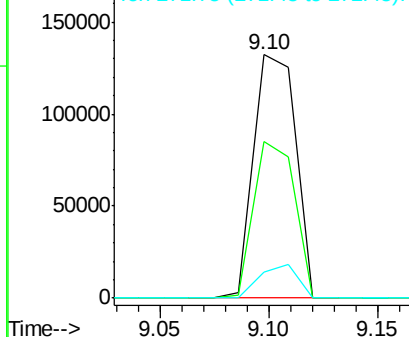
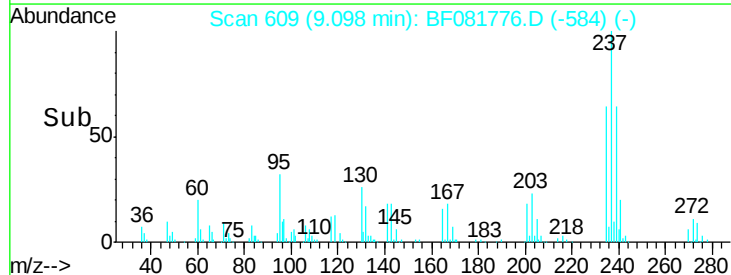


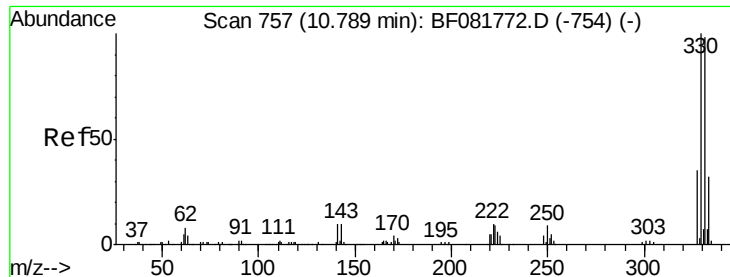
#40
 Hexachlorocyclopentadiene
 Concen: 49.94 ng
 RT: 9.10 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF081776.D
 Acq: 24 Sep 2015 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	179034		
235	64.3	42.0	82.0	
272	10.9	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





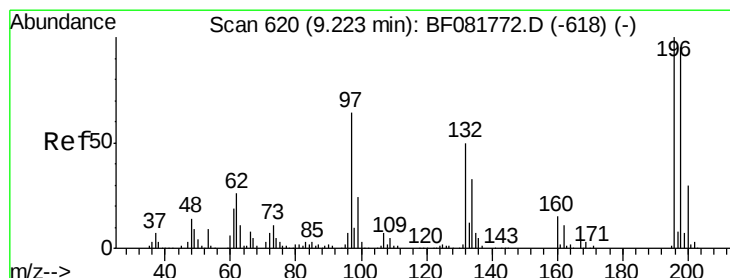
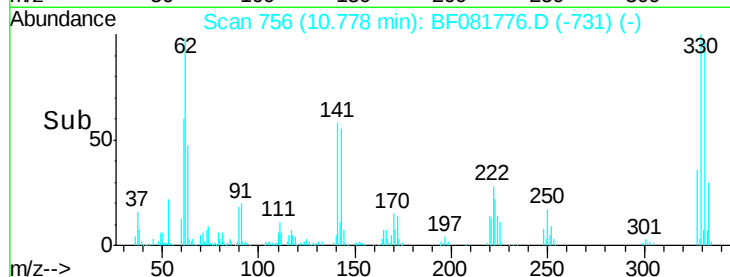
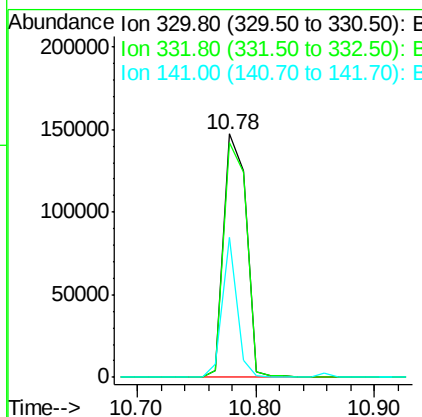
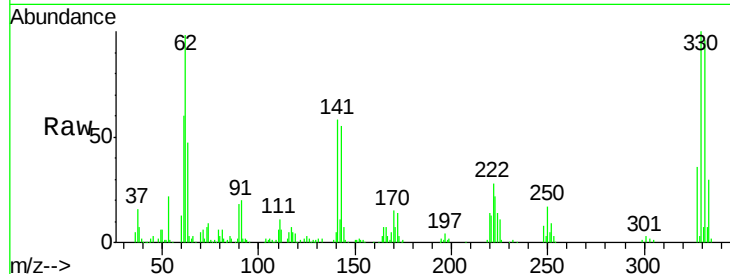
#41
 2,4,6-Tribromophenol
 Concen: 85.28 ng
 RT: 10.78 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF081776.D
 Acq: 24 Sep 2015 21:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092415

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	194045		
332	97.6	76.6	114.8	
141	37.0	29.7	44.5	

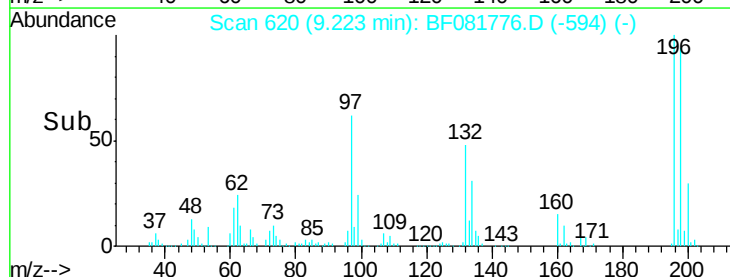
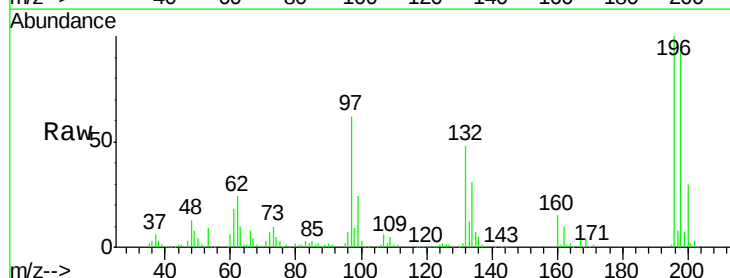
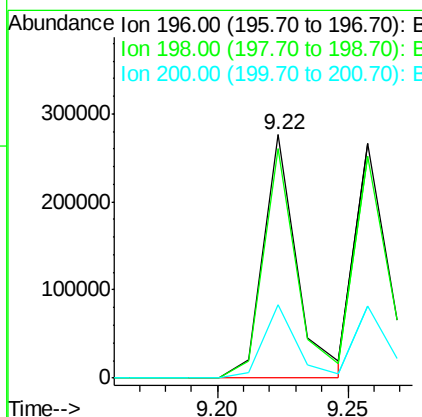
Manual Integrations
 APPROVED

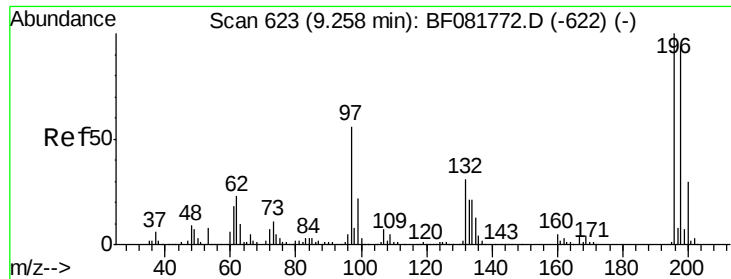
MMDadoda
 9/25/2015 3:36:48 PM



#42
 2,4,6-Trichlorophenol
 Concen: 44.94 ng
 RT: 9.22 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF081776.D
 Acq: 24 Sep 2015 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	247711		
198	94.3	75.7	113.5	
200	29.9	23.9	35.9	





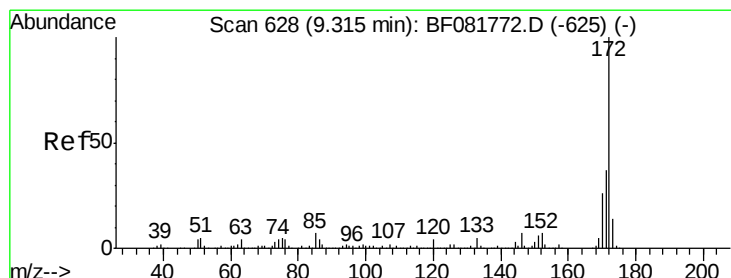
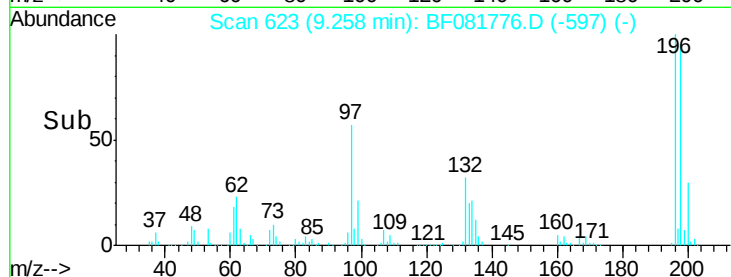
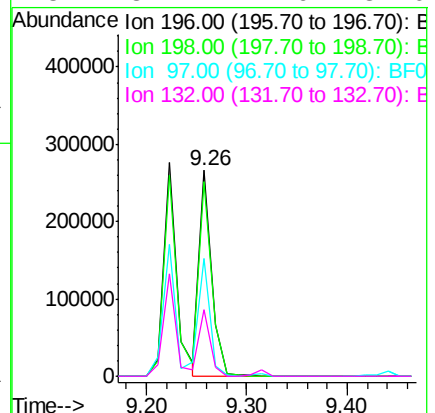
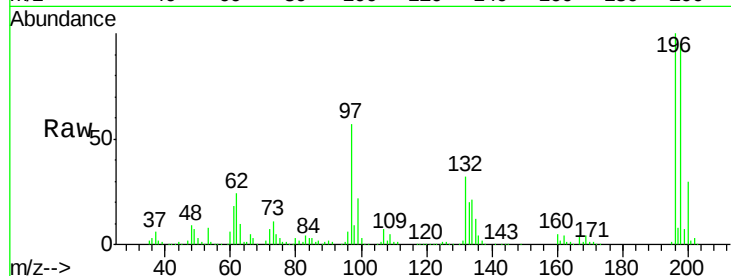
#43
 2,4,5-Trichlorophenol
 Concen: 43.13 ng
 RT: 9.26 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF081776.D
 Acq: 24 Sep 2015 21:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092415

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	233908		
198	94.6	75.4	113.0	
97	57.3	33.3	49.9	
132	32.4	24.6	37.0	

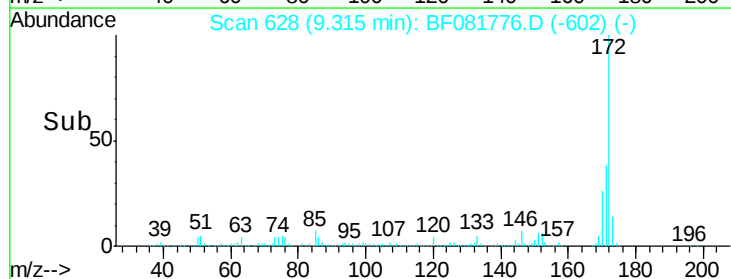
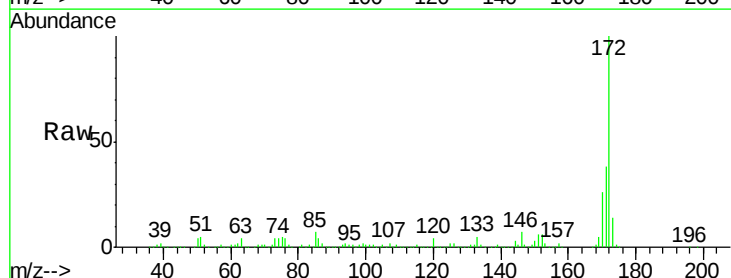
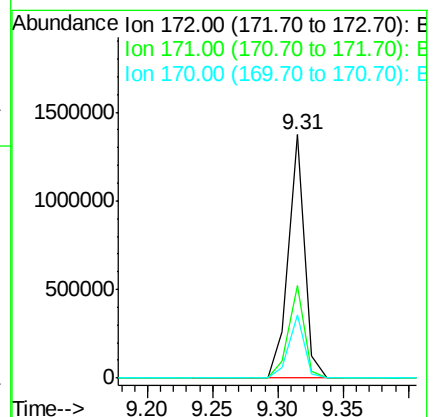
Manual Integrations
 APPROVED

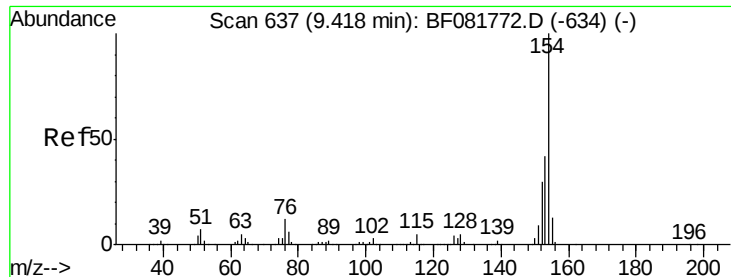
MMDadoda
 9/25/2015 3:36:48 PM



#44
 2-Fluorobiphenyl
 Concen: 75.88 ng
 RT: 9.31 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081776.D
 Acq: 24 Sep 2015 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1211505		
171	37.9	26.1	39.1	
170	25.8	17.4	26.2	





#45

1,1'-Biphenyl

Concen: 42.55 ng

RT: 9.42 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF081776.D

Acq: 24 Sep 2015 21:28

Instrument :

BNA_F

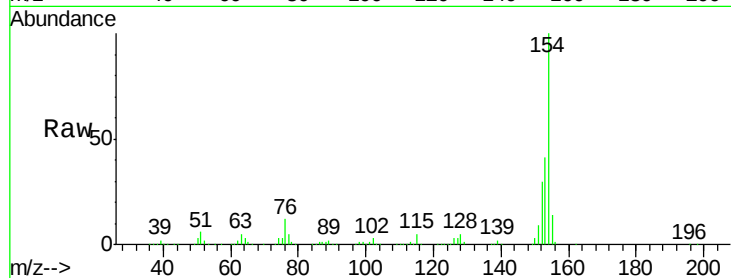
ClientSampleId :

ICVBF092415

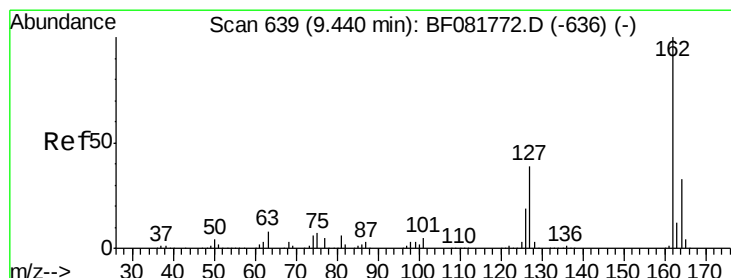
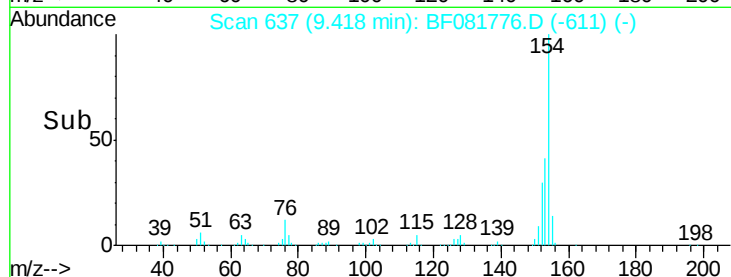
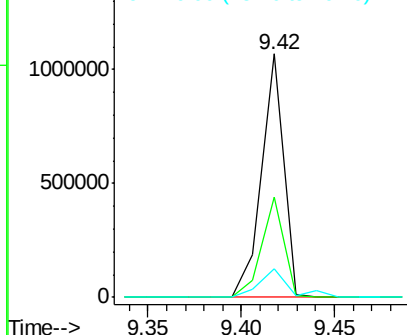
Tgt Ion:	154	Resp:	872070
Ion Ratio	Lower	Upper	
154	100		
153	41.2	17.1	57.1
76	11.7	0.0	31.6

Manual Integrations
APPROVED

MMDadoda
9/25/2015 3:36:48 PM



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



#46

2-Chloronaphthalene

Concen: 41.29 ng

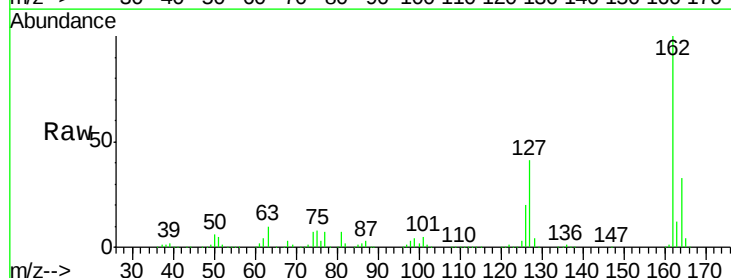
RT: 9.44 min Scan# 639

Delta R.T. 0.00 min

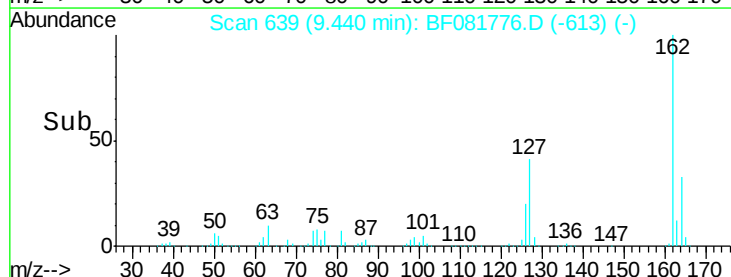
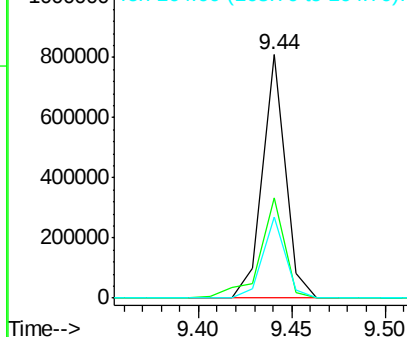
Lab File: BF081776.D

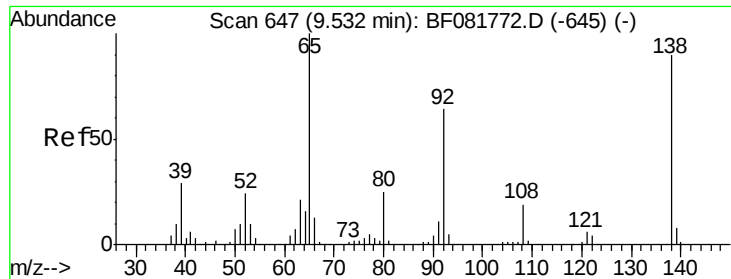
Acq: 24 Sep 2015 21:28

Tgt Ion:	162	Resp:	680662
Ion Ratio	Lower	Upper	
162	100		
127	41.2	27.6	41.4
164	33.1	25.4	38.2



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





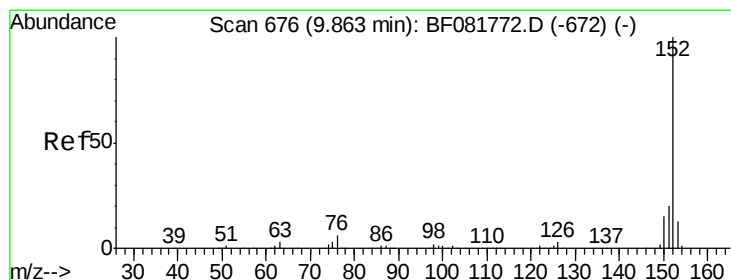
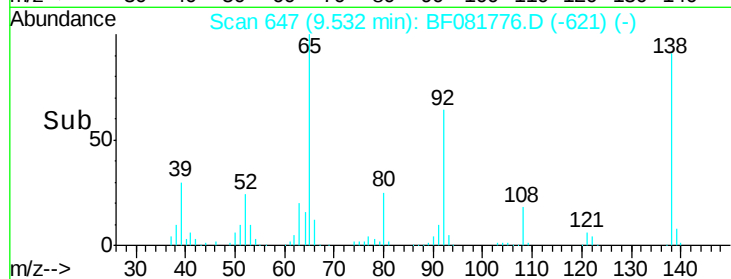
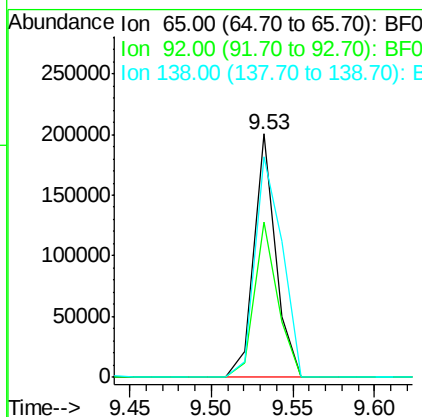
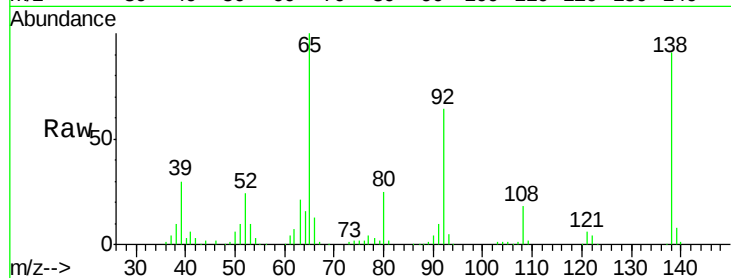
#47
 2-Nitroaniline
 Concen: 42.66 ng
 RT: 9.53 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF081776.D
 Acq: 24 Sep 2015 21:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092415

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.0	55.4	83.0
138	90.7	115.5	173.3#

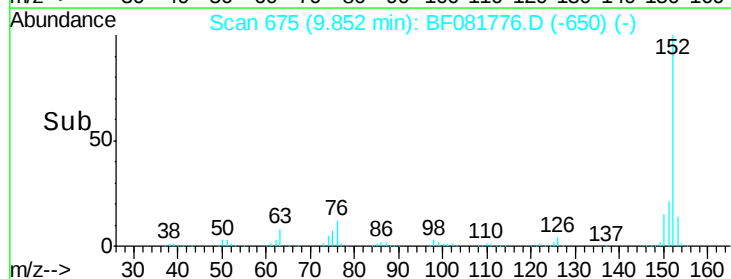
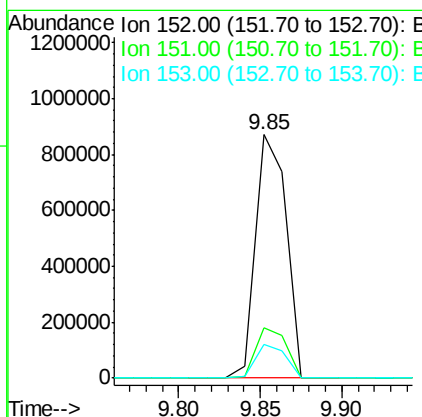
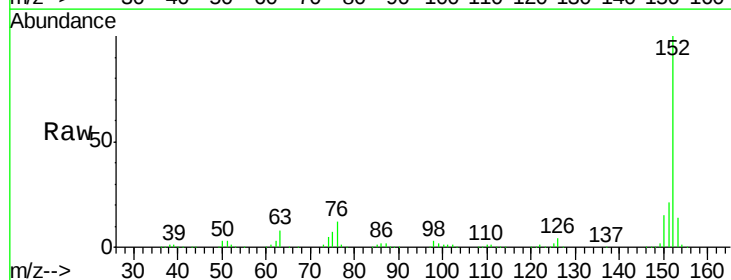
Manual Integrations
 APPROVED

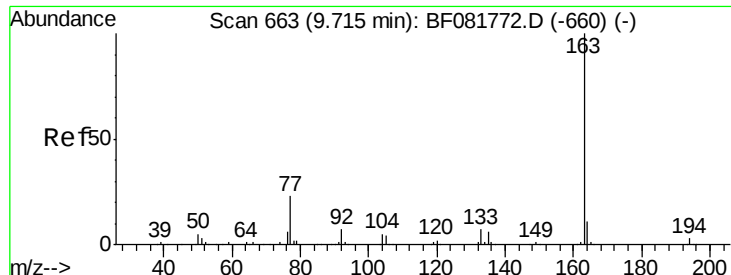
MMDadoda
 9/25/2015 3:36:48 PM



#48
 Acenaphthylene
 Concen: 40.70 ng
 RT: 9.85 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF081776.D
 Acq: 24 Sep 2015 21:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	14.6	22.0
153	14.1	10.3	15.5





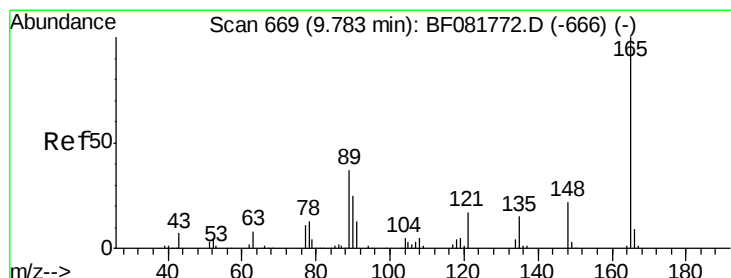
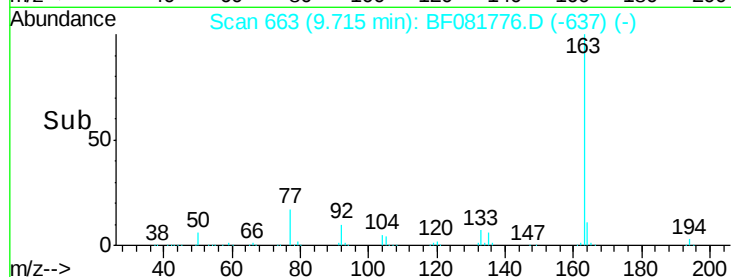
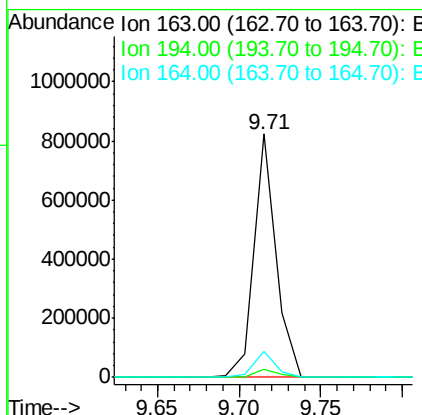
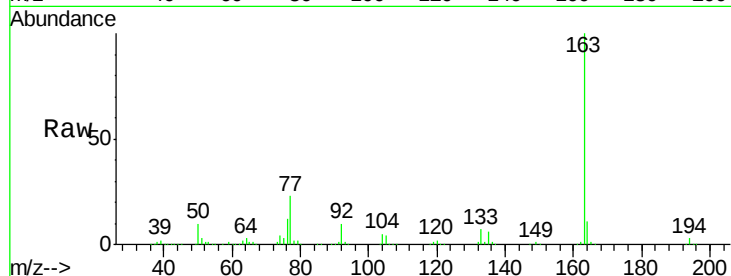
#49
Dimethylphthalate
Concen: 38.71 ng
RT: 9.71 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF081776.D
Acq: 24 Sep 2015 21:28

Instrument :
BNA_F
ClientSampleId :
ICVBF092415

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	772000		
194	3.1	4.4	6.6#	
164	10.9	8.3	12.5	

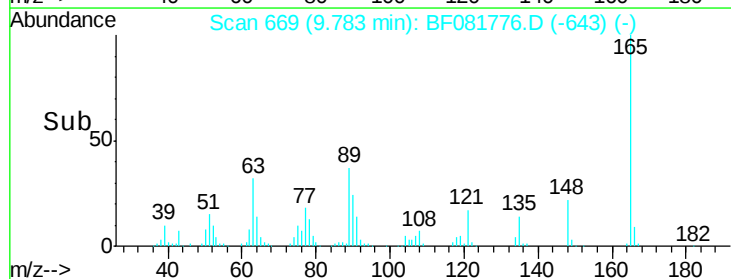
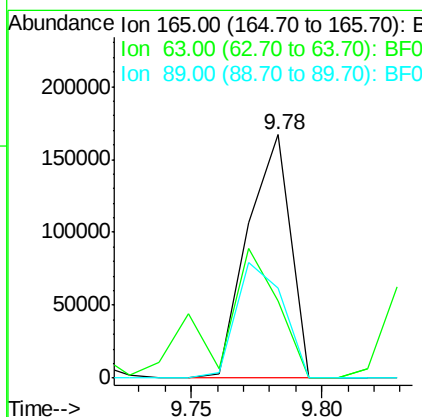
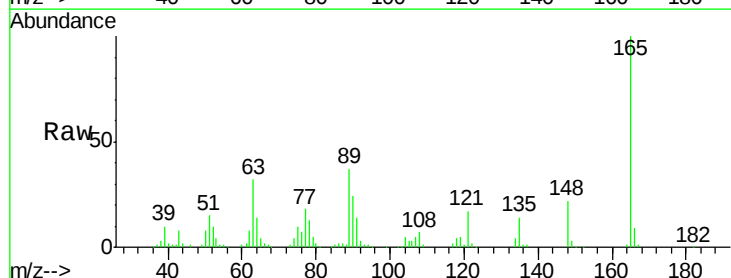
Manual Integrations
APPROVED

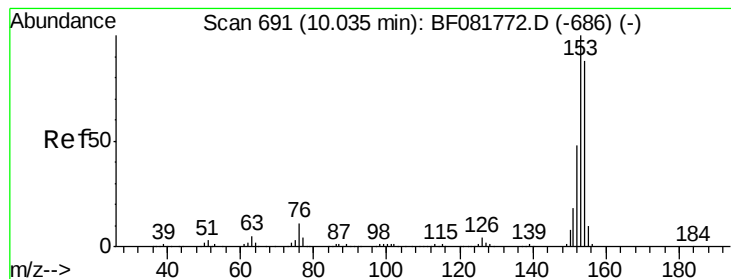
MMDadoda
9/25/2015 3:36:48 PM



#50
2,6-Dinitrotoluene
Concen: 49.31 ng
RT: 9.78 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF081776.D
Acq: 24 Sep 2015 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	189804		
63	31.9	32.3	48.5#	
89	37.0	28.6	43.0	





#51

Acenaphthene

Concen: 40.87 ng

RT: 10.02 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF081776.D

Acq: 24 Sep 2015 21:28

Instrument :

BNA_F

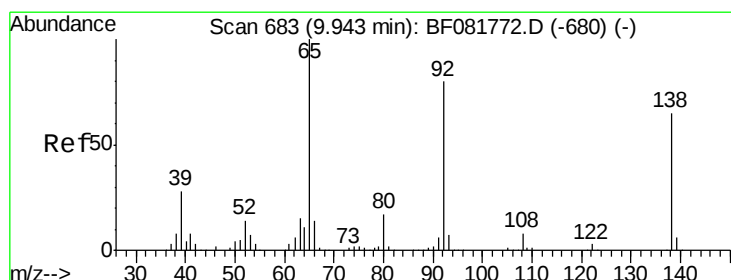
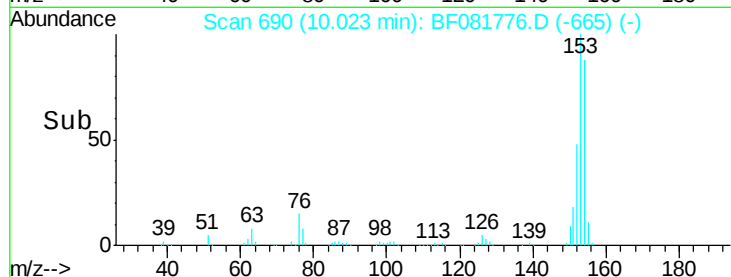
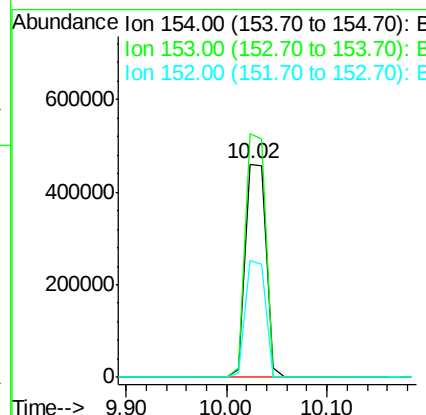
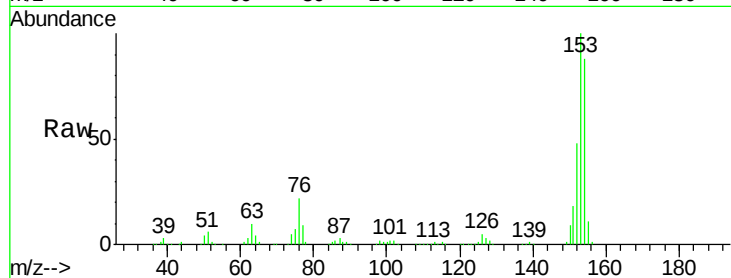
ClientSampleId :

ICVBF092415

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	657176		
153	114.0	82.1	123.1	
152	54.8	37.9	56.9	

Manual Integrations
APPROVED

MMDadoda
9/25/2015 3:36:48 PM



#52

3-Nitroaniline

Concen: 44.59 ng

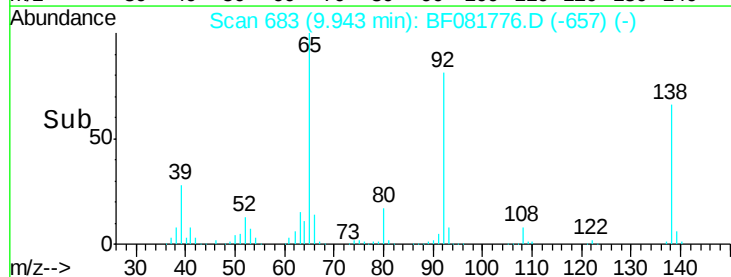
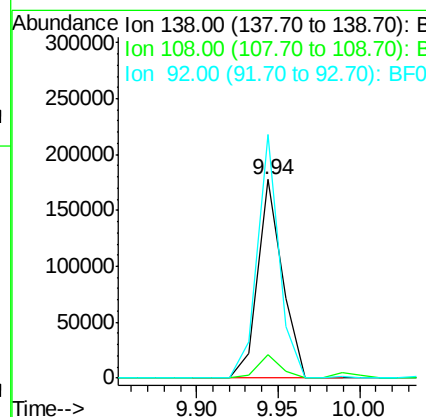
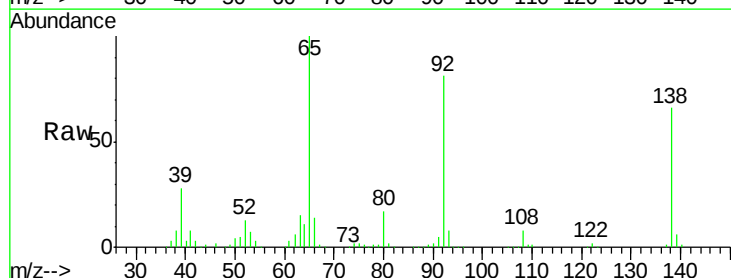
RT: 9.94 min Scan# 683

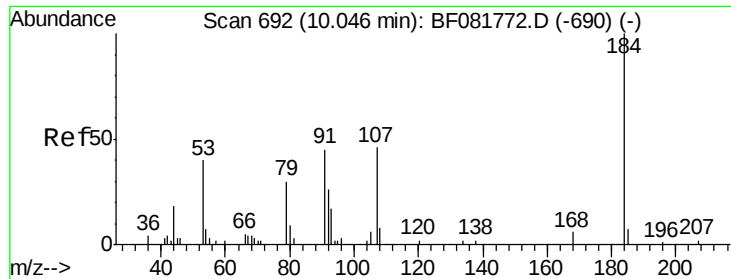
Delta R.T. 0.00 min

Lab File: BF081776.D

Acq: 24 Sep 2015 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	186180		
108	11.6	5.7	8.5#	
92	122.6	67.7	101.5#	





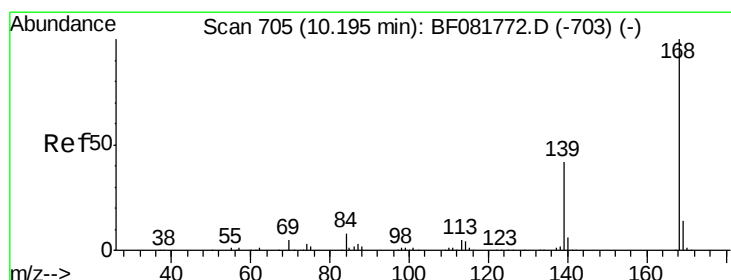
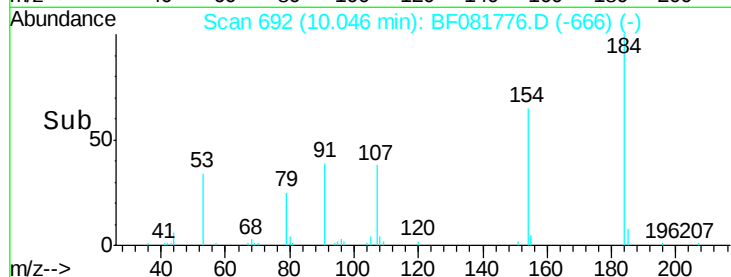
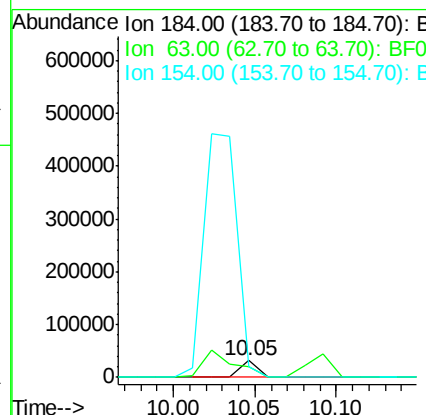
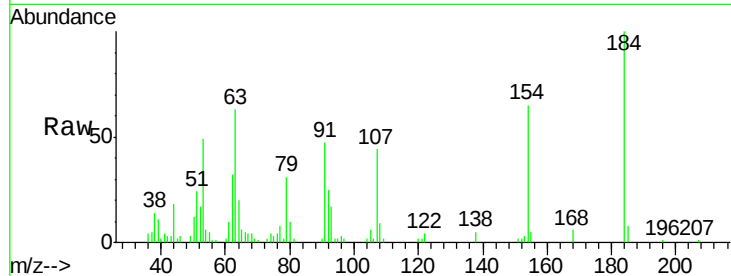
#53
2,4-Dinitrophenol
Concen: 52.47 ng
RT: 10.05 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF081776.D
Acq: 24 Sep 2015 21:28

Instrument :
BNA_F
ClientSampleId :
ICVBF092415

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	24641		
63	62.6	35.4	53.2#	
154	64.7	32.2	48.4#	

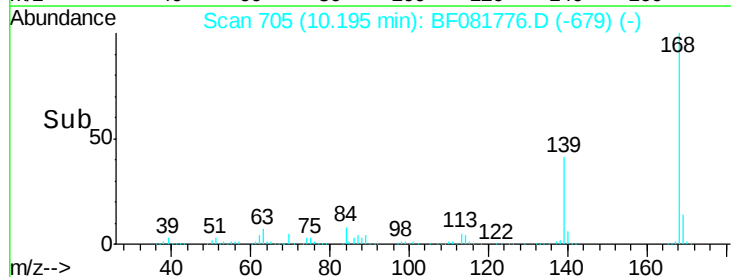
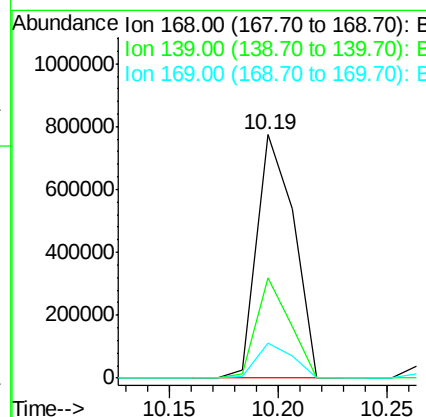
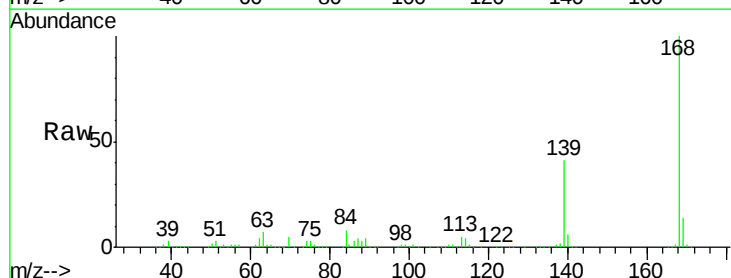
Manual Integrations
APPROVED

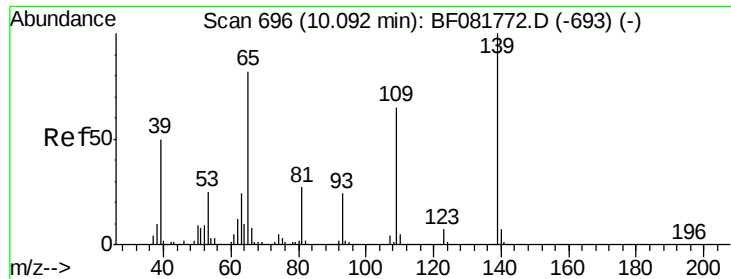
MMDadoda
9/25/2015 3:36:48 PM



#54
Dibenzofuran
Concen: 39.00 ng
RT: 10.19 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF081776.D
Acq: 24 Sep 2015 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	919792		
139	41.1	24.2	36.2#	
169	14.3	10.6	15.8	





#55

4-Nitrophenol

Concen: 55.11 ng

RT: 10.09 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF081776.D

Acq: 24 Sep 2015 21:28

Instrument :

BNA_F

ClientSampleId :

ICVBF092415

Tgt Ion:139 Resp: 158690
Ion Ratio Lower Upper

139 100

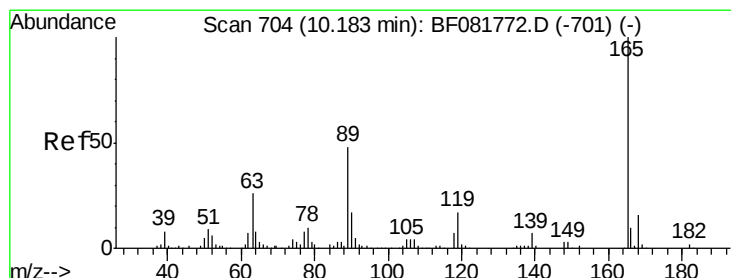
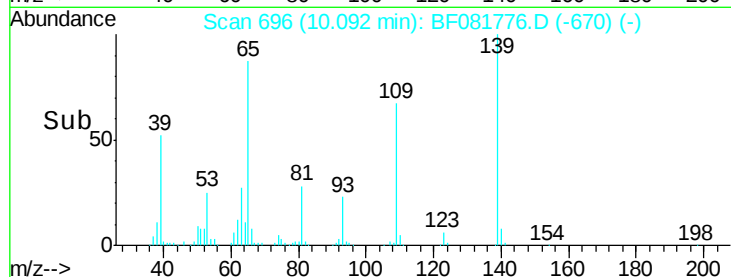
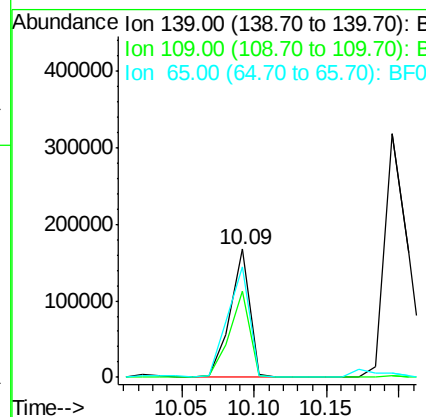
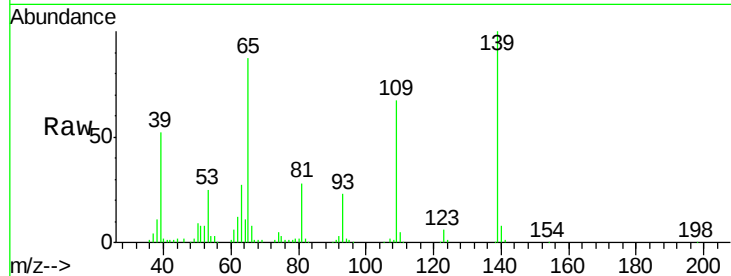
109 67.2 12.7 52.7#

65 86.8 45.9 85.9#

Manual Integrations
APPROVED

MMDadoda

9/25/2015 3:36:48 PM



#56

2,4-Dinitrotoluene

Concen: 51.17 ng

RT: 10.18 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF081776.D

Acq: 24 Sep 2015 21:28

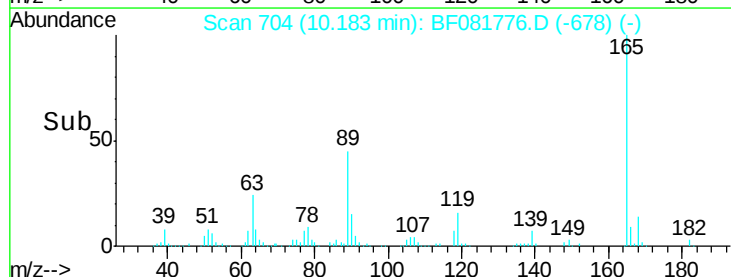
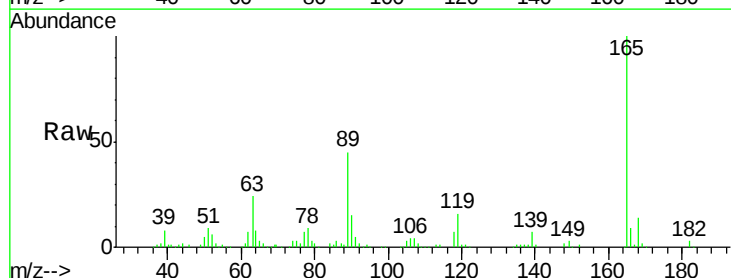
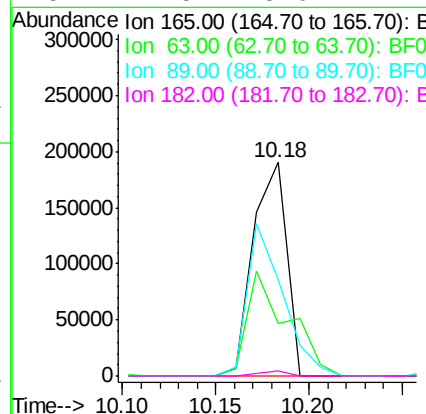
Tgt Ion:165 Resp: 235835
Ion Ratio Lower Upper

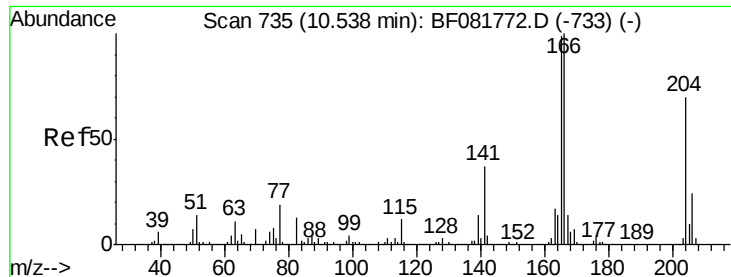
165 100

63 24.4 29.8 44.6#

89 44.7 44.5 66.7

182 2.5 3.0 4.4#





#57

Fluorene

Concen: 38.83 ng

RT: 10.54 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF081776.D

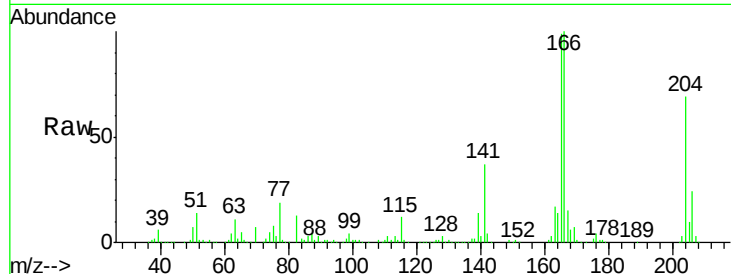
Acq: 24 Sep 2015 21:28

Instrument :

BNA_F

ClientSampleId :

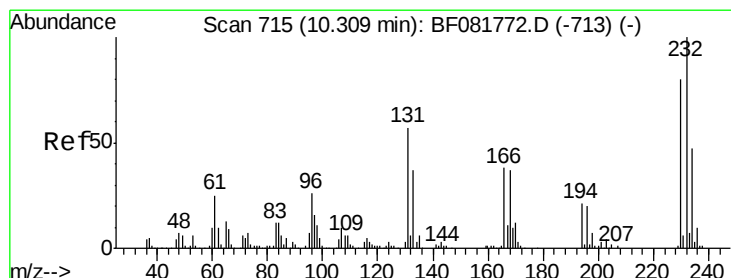
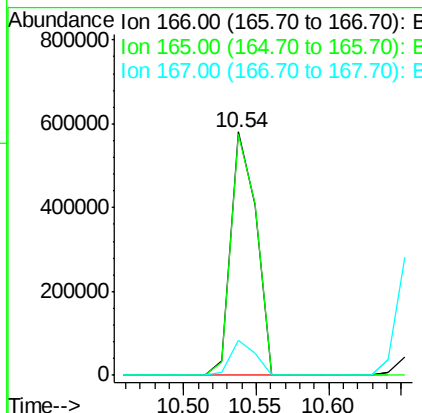
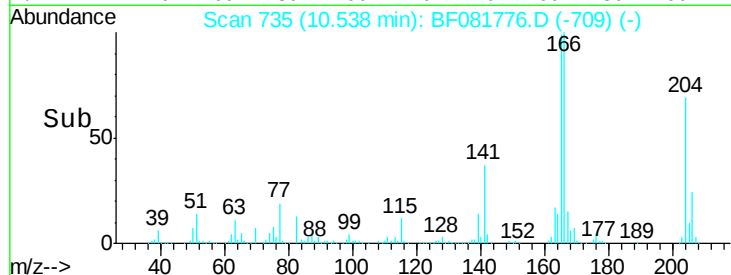
ICVBF092415



Tgt Ion	Ratio	Resp	Lower	Upper
166	100	702845		
165	99.2	72.6	109.0	
167	14.6	10.6	16.0	

Manual Integrations
APPROVED

MMDadoda
9/25/2015 3:36:48 PM



#58

2,3,4,6-Tetrachlorophenol

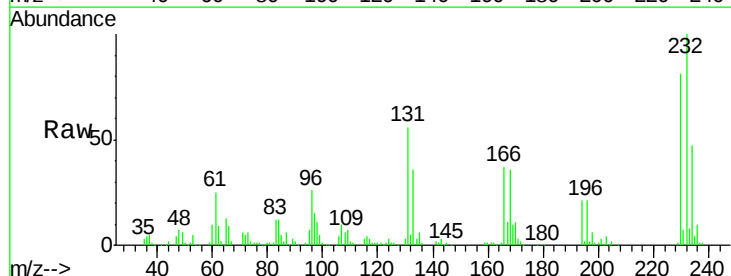
Concen: 47.21 ng

RT: 10.31 min Scan# 715

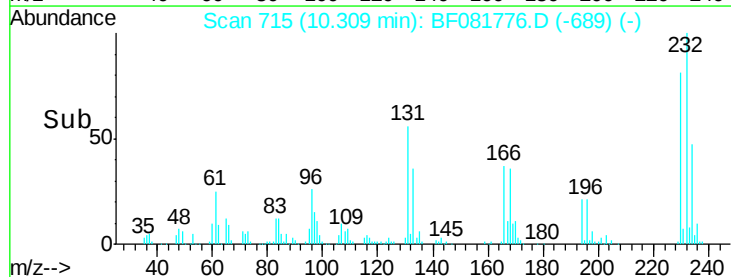
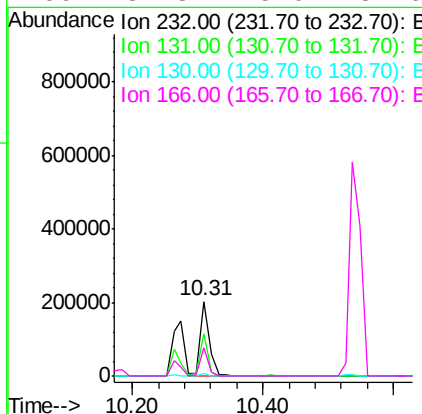
Delta R.T. 0.00 min

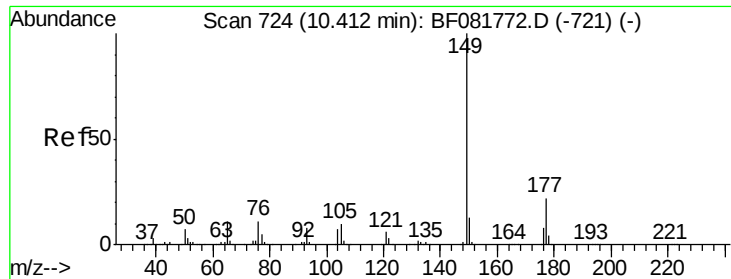
Lab File: BF081776.D

Acq: 24 Sep 2015 21:28



Tgt Ion	Ratio	Resp	Lower	Upper
232	100	195422		
131	47.7	38.5	57.7	
130	2.4	1.8	2.6	
166	32.3	25.0	37.6	





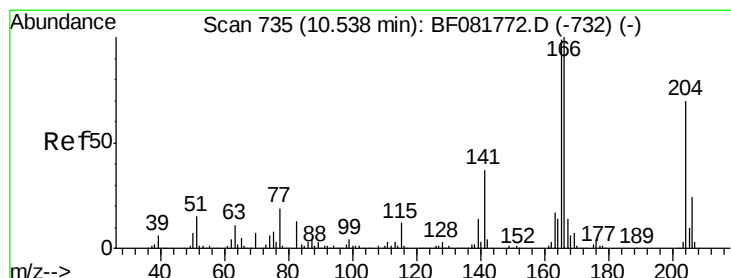
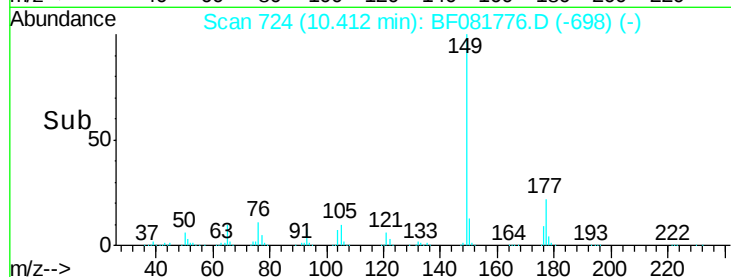
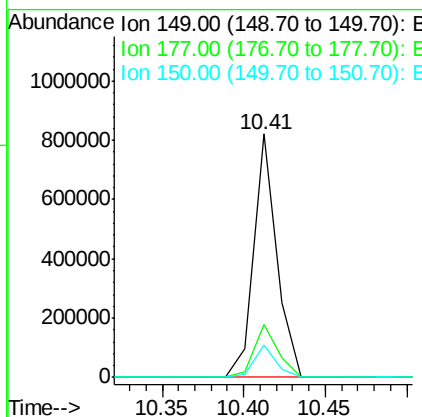
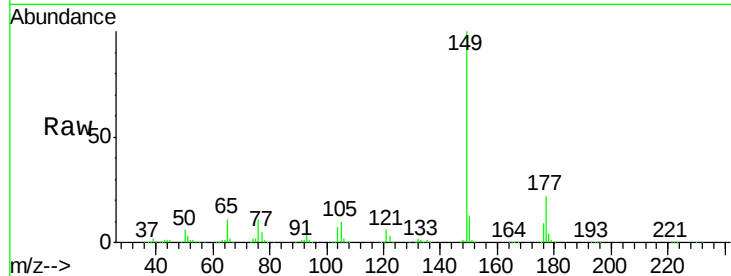
#59
Diethylphthalate
Concen: 41.61 ng
RT: 10.41 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF081776.D
Acq: 24 Sep 2015 21:28

Instrument :
BNA_F
ClientSampleId :
ICVBF092415

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	803763		
177	21.7	17.5	26.3	
150	13.1	9.4	14.2	

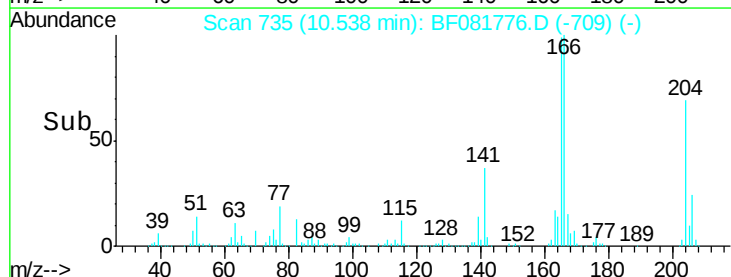
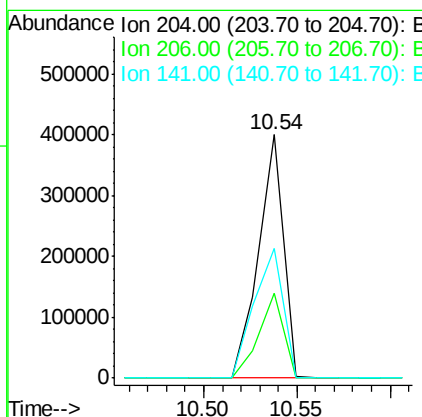
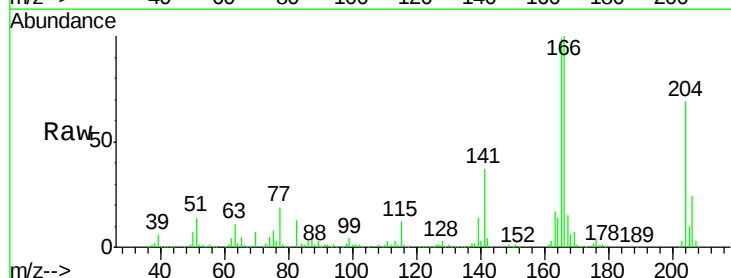
Manual Integrations
APPROVED

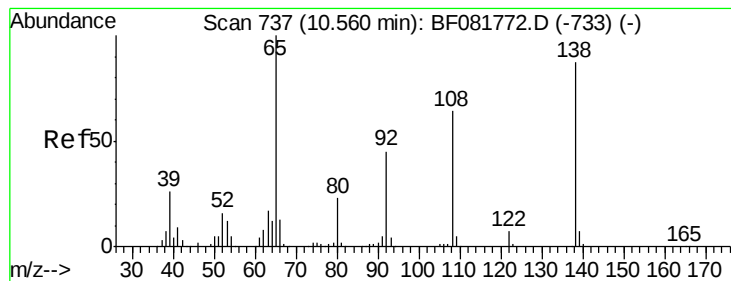
MMDadoda
9/25/2015 3:36:48 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.35 ng
RT: 10.54 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF081776.D
Acq: 24 Sep 2015 21:28

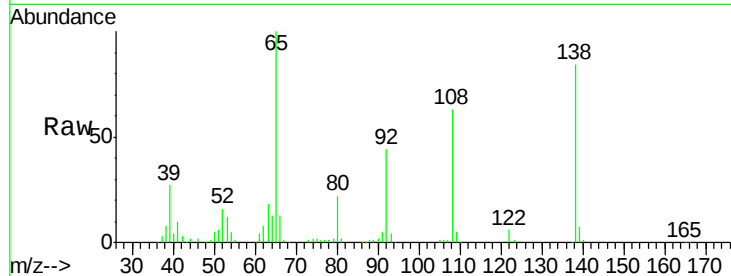
Tgt Ion	Ratio	Resp	Lower	Upper
204	100	368510		
206	34.8	24.8	37.2	
141	53.2	42.2	63.4	





#61
4-Nitroaniline
Concen: 48.27 ng
RT: 10.56 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF081776.D
Acq: 24 Sep 2015 21:28

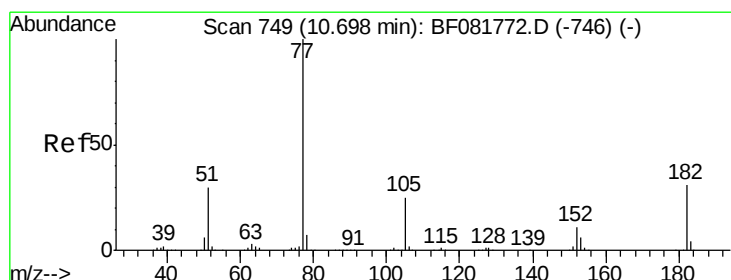
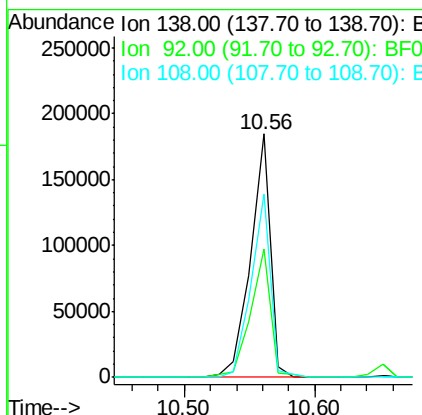
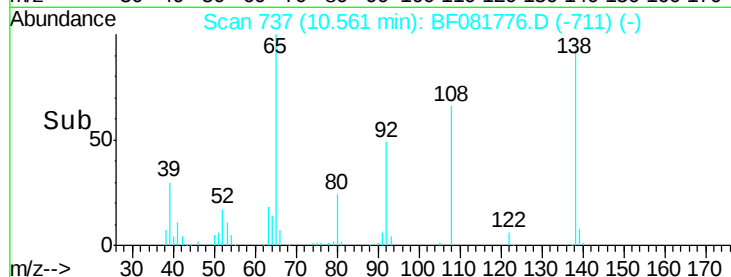
Instrument :
BNA_F
ClientSampleId :
ICVBF092415



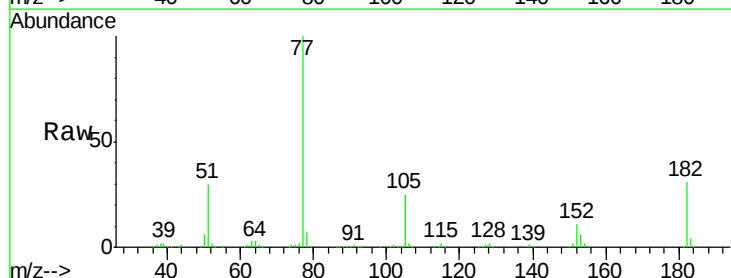
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	195792		
92	52.9	12.6	52.6#	
108	75.3	12.4	52.4#	

Manual Integrations
APPROVED

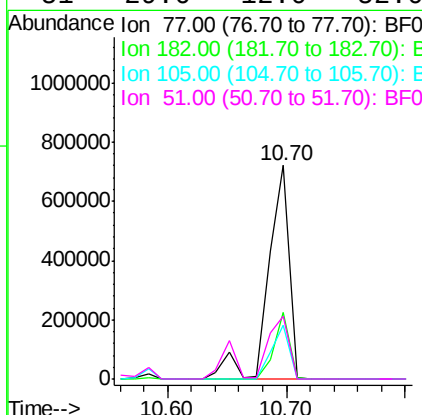
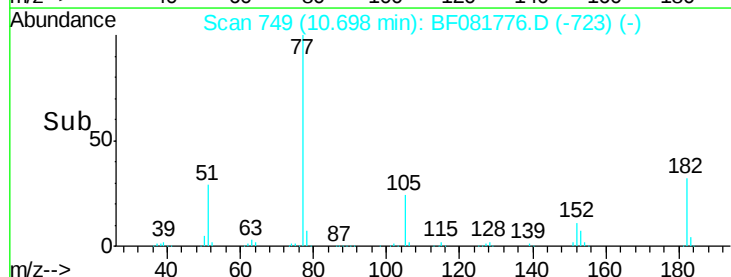
MMDadoda
9/25/2015 3:36:48 PM

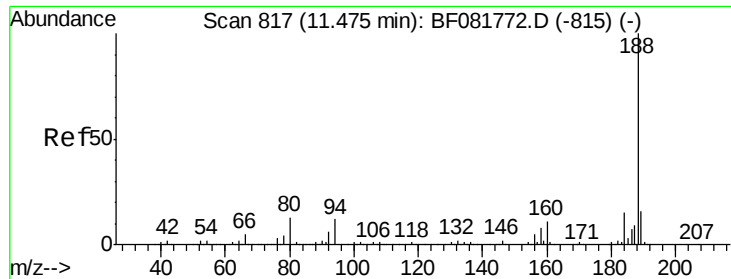


#62
Azobenzene
Concen: 44.53 ng
RT: 10.70 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF081776.D
Acq: 24 Sep 2015 21:28



Tgt Ion	Ratio	Resp	Lower	Upper
77	100	879479		
182	31.5	15.1	55.1	
105	25.2	3.4	43.4	
51	29.6	12.0	52.0	





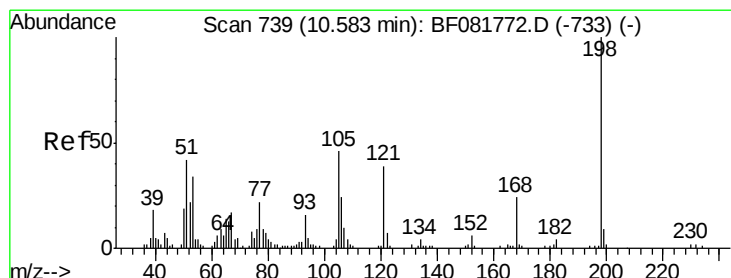
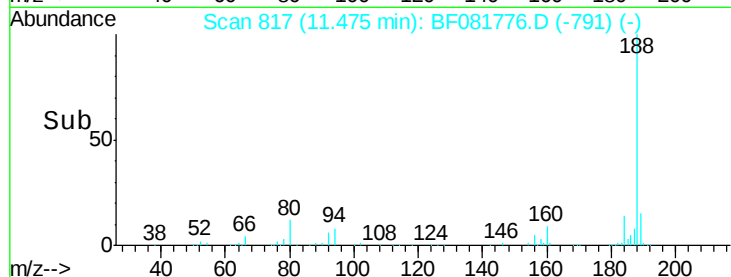
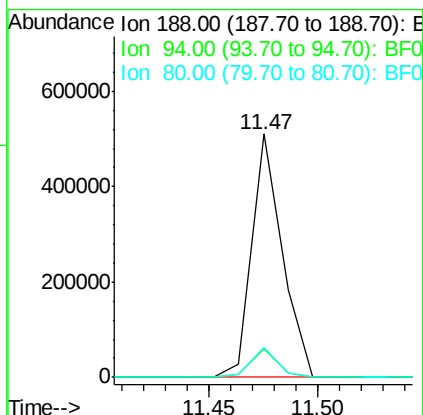
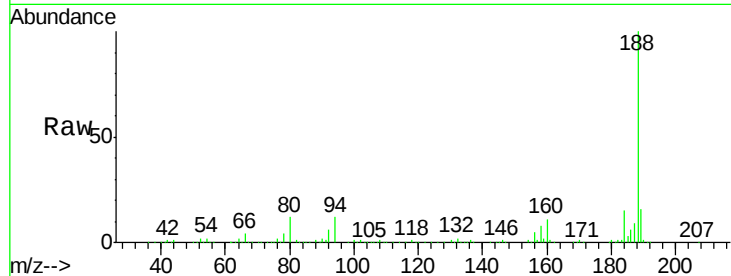
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.47 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF081776.D
Acq: 24 Sep 2015 21:28

Instrument :
BNA_F
ClientSampleId :
ICVBF092415

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	495579		
94	11.6		11.1	16.7
80	12.3		11.0	16.4

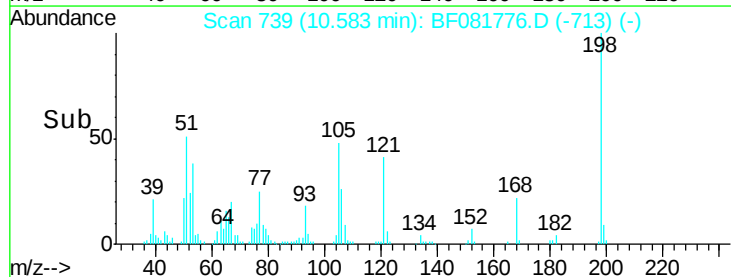
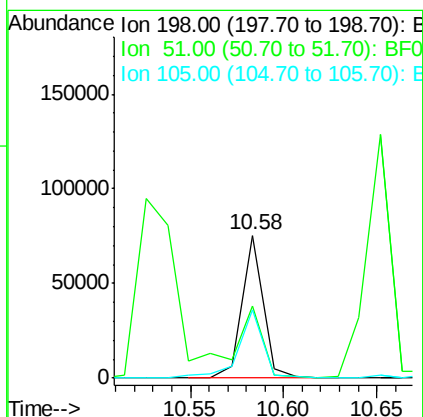
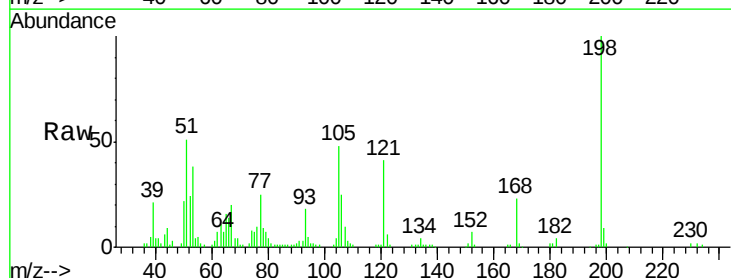
Manual Integrations
APPROVED

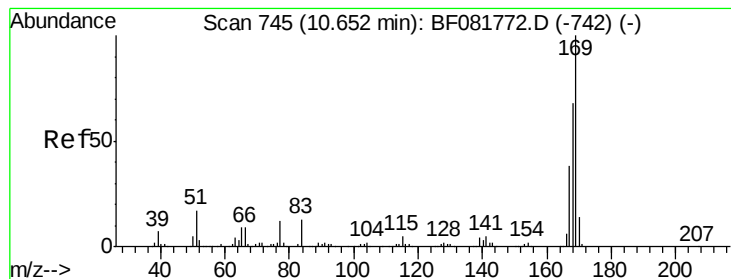
MMDadoda
9/25/2015 3:36:48 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 51.63 ng
RT: 10.58 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF081776.D
Acq: 24 Sep 2015 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	59687		
51	50.8		39.6	79.6
105	47.7		28.5	68.5





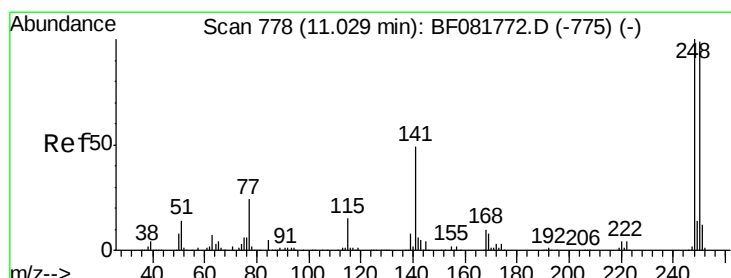
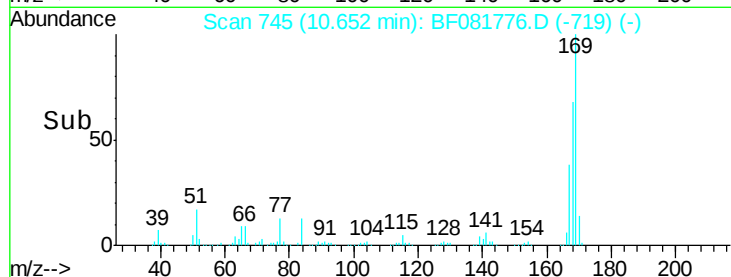
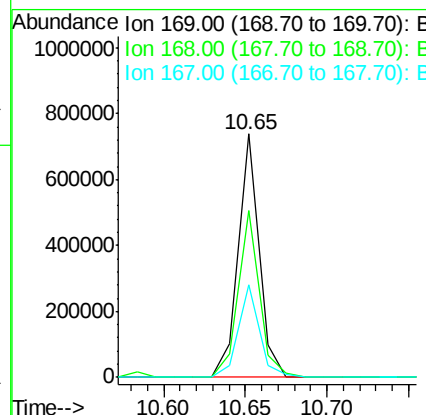
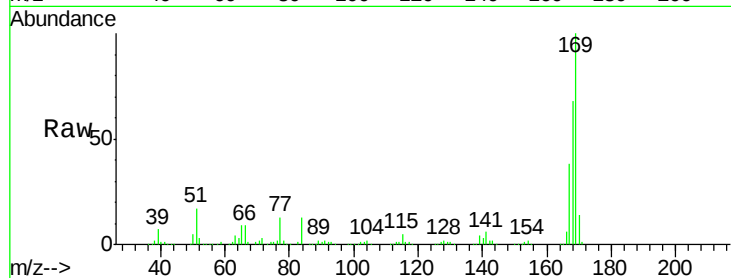
#65
 n-Nitrosodiphenylamine
 Concen: 38.76 ng
 RT: 10.65 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF081776.D
 Acq: 24 Sep 2015 21:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092415

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	647751		
168	68.3	48.9	73.3	
167	38.3	26.2	39.4	

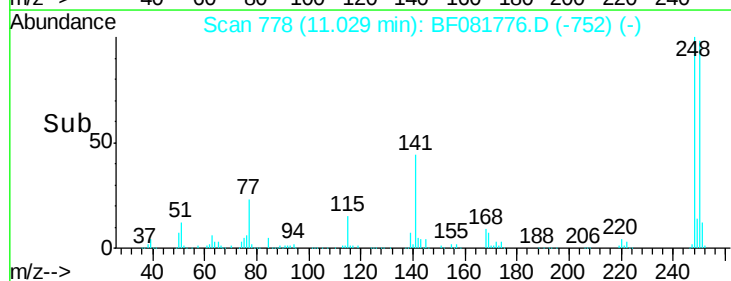
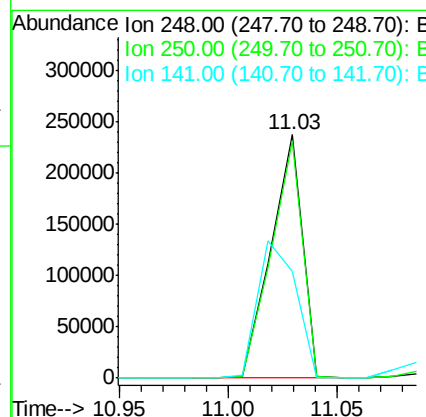
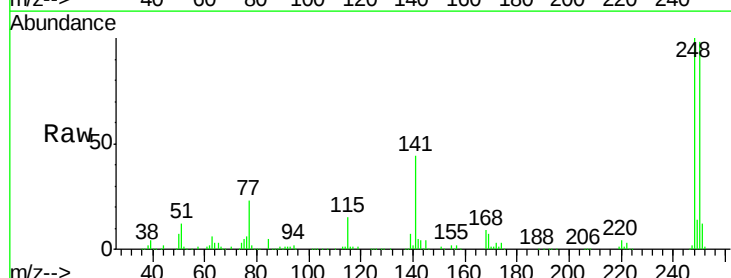
Manual Integrations
 APPROVED

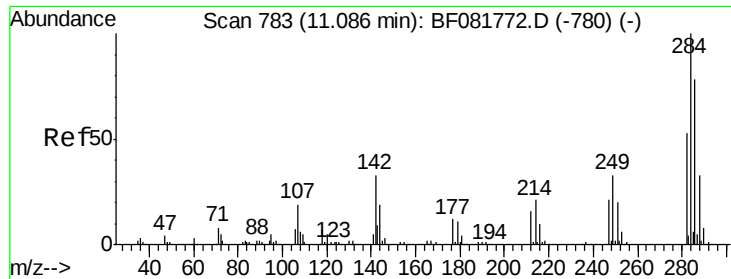
MMDadoda
 9/25/2015 3:36:48 PM



#66
 4-Bromophenyl-phenylether
 Concen: 43.74 ng
 RT: 11.03 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF081776.D
 Acq: 24 Sep 2015 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	241365		
250	97.5	78.5	117.7	
141	43.7	59.0	88.6	





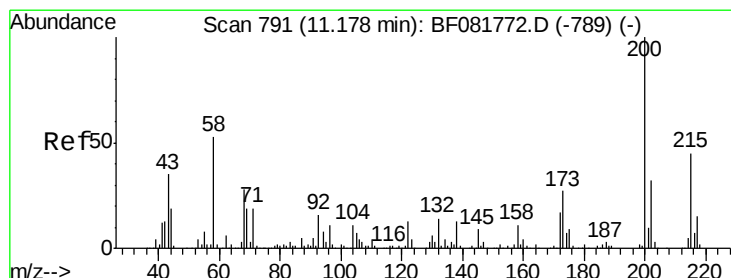
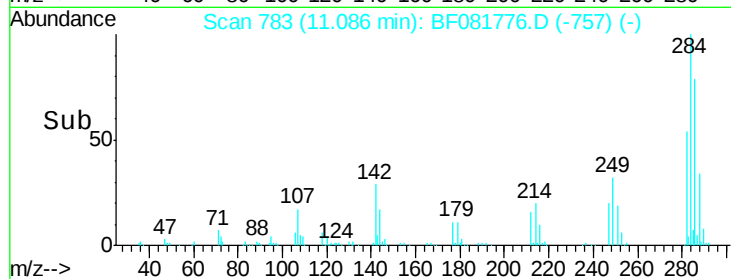
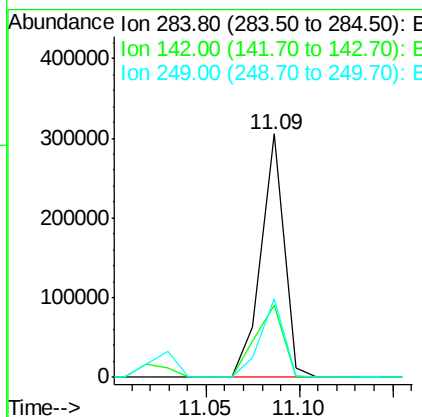
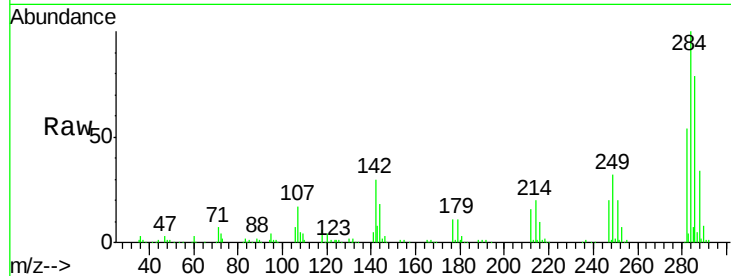
#67
Hexachlorobenzene
Concen: 45.25 ng
RT: 11.09 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF081776.D
Acq: 24 Sep 2015 21:28

Instrument :
BNA_F
ClientSampleId :
ICVBF092415

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	29.6	29.5	44.3
249	32.4	19.5	29.3

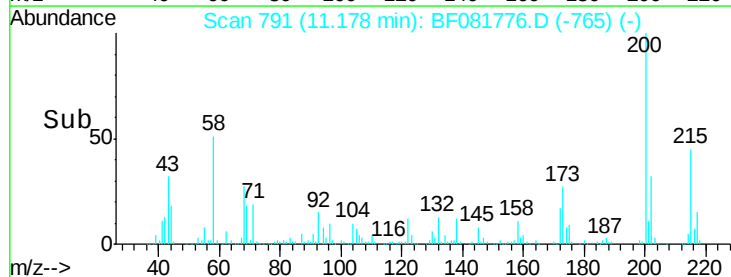
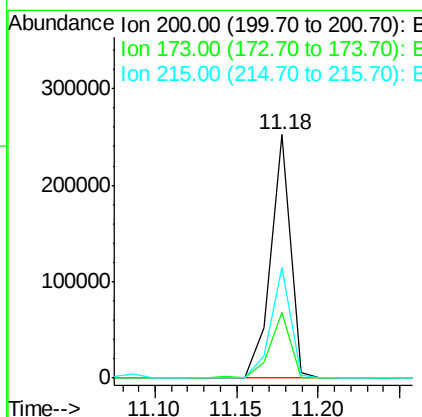
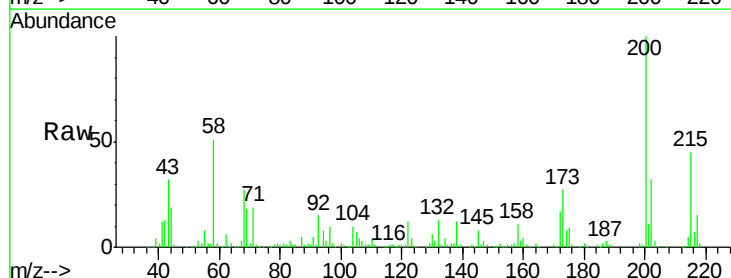
Manual Integrations
APPROVED

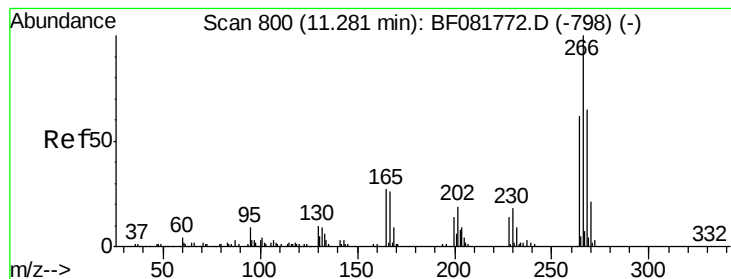
MMDadoda
9/25/2015 3:36:48 PM



#68
Atrazine
Concen: 42.74 ng
RT: 11.18 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF081776.D
Acq: 24 Sep 2015 21:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.1	13.2	53.2
215	45.2	41.8	81.8





#69

Pentachlorophenol

Concen: 42.96 ng

RT: 11.28 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF081776.D

Acq: 24 Sep 2015 21:28

Instrument :

BNA_F

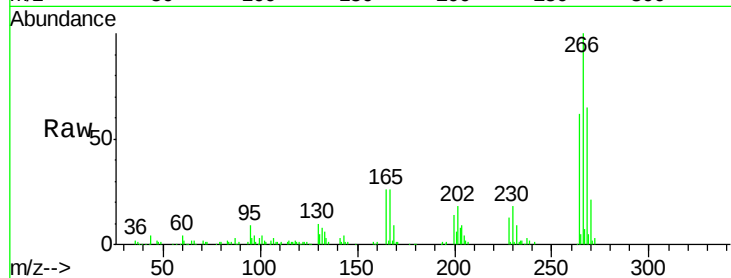
ClientSampleId :

ICVBF092415

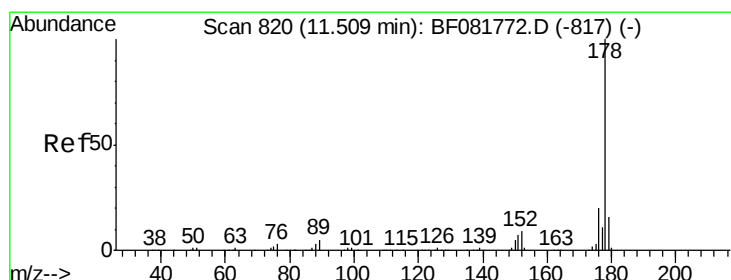
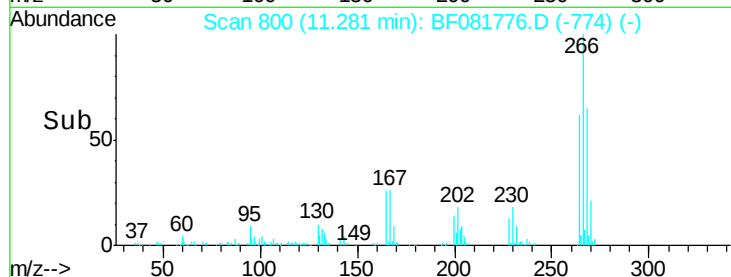
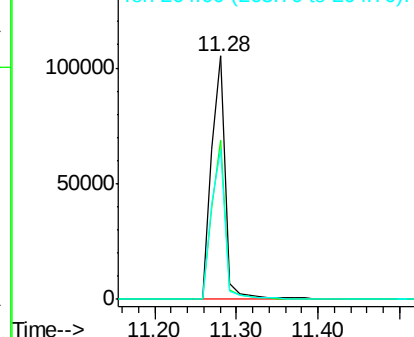
Tgt Ion:	266	Resp:	127788
Ion Ratio		Lower	Upper
266	100		
268	65.2	49.8	74.6
264	61.8	50.2	75.2

Manual Integrations
APPROVED

MMDadoda
9/25/2015 3:36:48 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: 40.94 ng

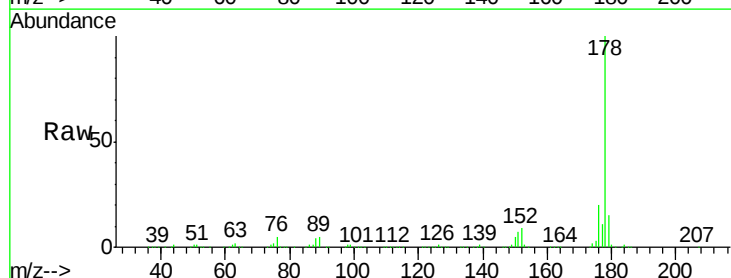
RT: 11.51 min Scan# 820

Delta R.T. 0.00 min

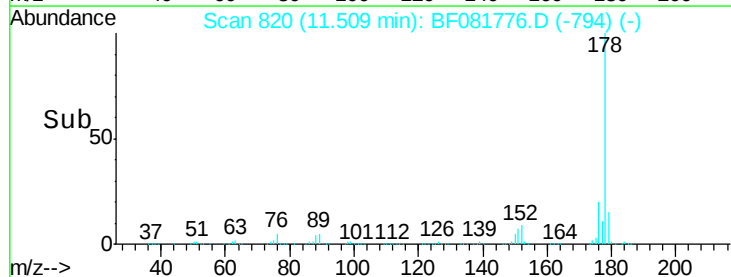
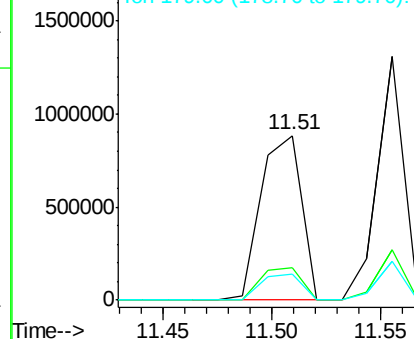
Lab File: BF081776.D

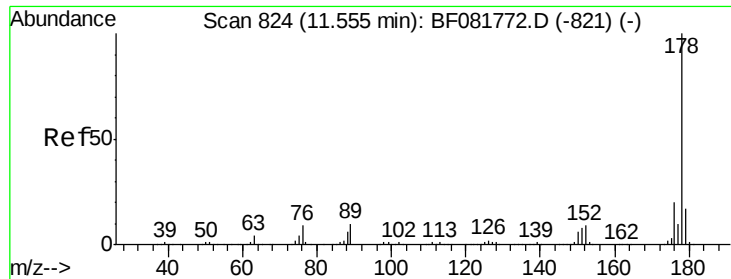
Acq: 24 Sep 2015 21:28

Tgt Ion:	178	Resp:	1160093
Ion Ratio		Lower	Upper
178	100		
176	19.9	13.8	20.8
179	15.5	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





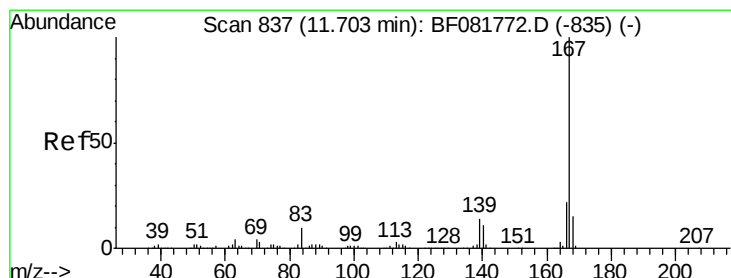
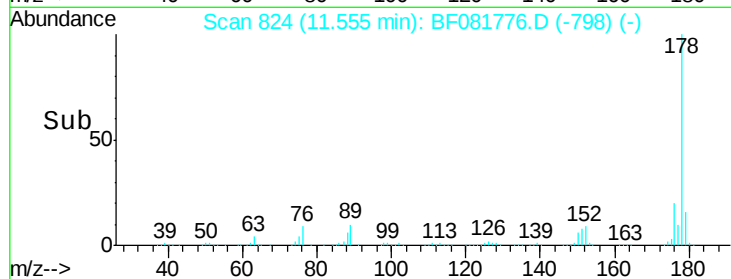
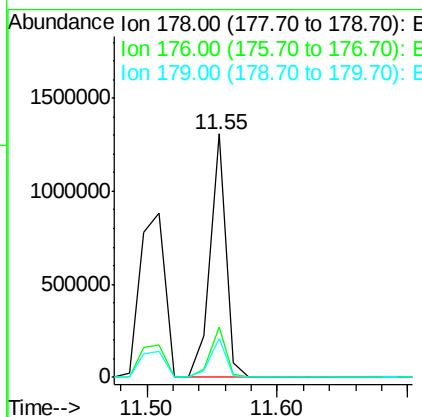
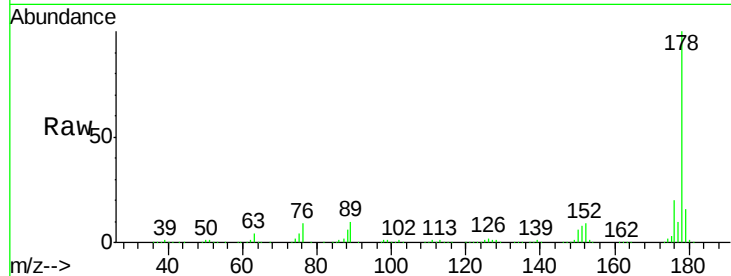
#71
 Anthracene
 Concen: 40.44 ng
 RT: 11.55 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BF081776.D
 Acq: 24 Sep 2015 21:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092415

Tgt Ion:178 Resp: 1104125
 Ion Ratio Lower Upper
 178 100
 176 20.5 14.1 21.1
 179 16.1 12.2 18.2

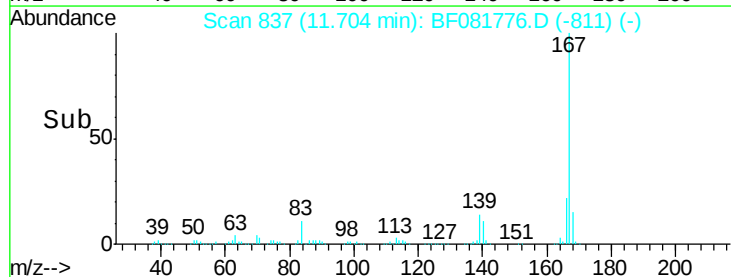
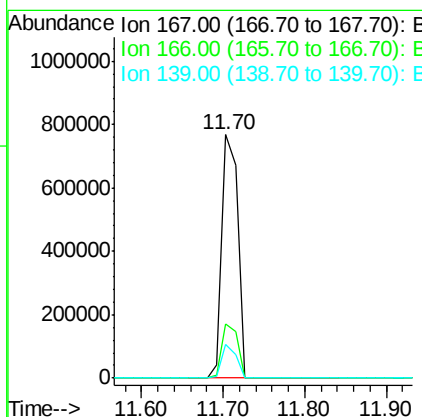
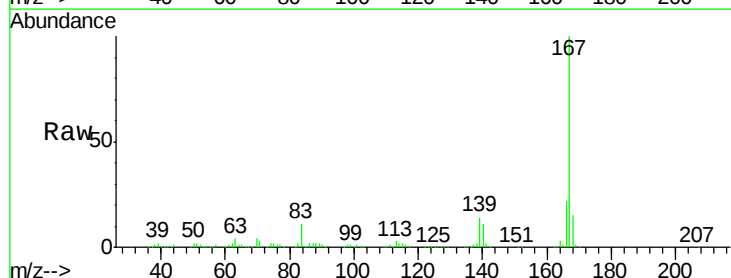
Manual Integrations
 APPROVED

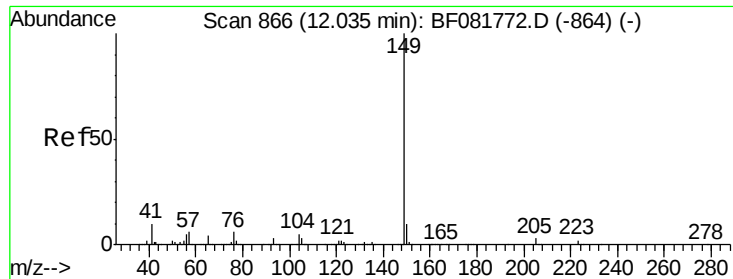
MMDadoda
 9/25/2015 3:36:48 PM



#72
 Carbazole
 Concen: 40.37 ng
 RT: 11.70 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF081776.D
 Acq: 24 Sep 2015 21:28

Tgt Ion:167 Resp: 1023125
 Ion Ratio Lower Upper
 167 100
 166 22.4 15.7 23.5
 139 14.1 9.5 14.3





#73

Di-n-butylphthalate

Concen: 39.35 ng

RT: 12.04 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF081776.D

Acq: 24 Sep 2015 21:28

Instrument :

BNA_F

ClientSampleId :

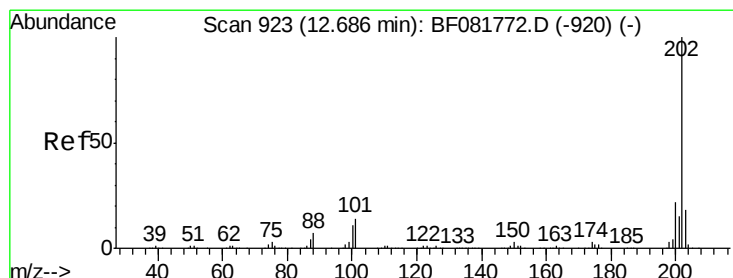
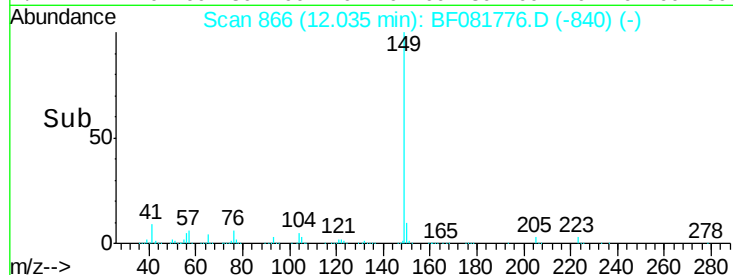
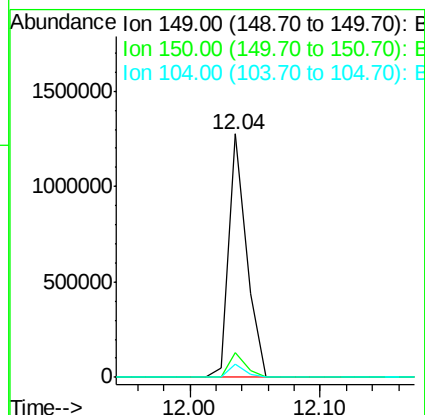
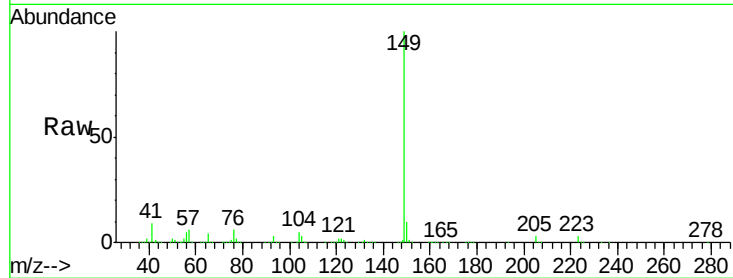
ICVBF092415

Tgt Ion:149 Resp: 1214142

Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.4	11.2
104	5.3	2.4	3.6

Manual Integrations
APPROVED

MMDadoda
9/25/2015 3:36:48 PM



#74

Fluoranthene

Concen: 39.18 ng

RT: 12.69 min Scan# 923

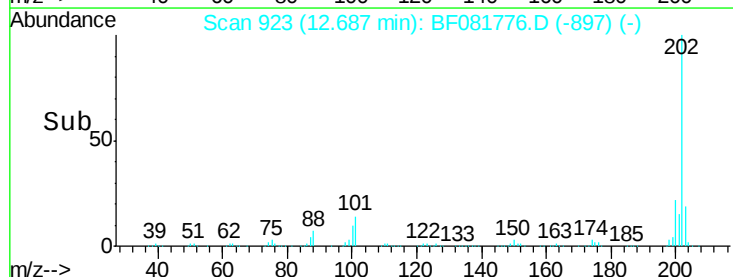
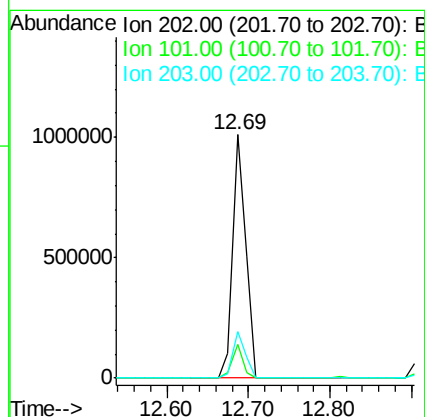
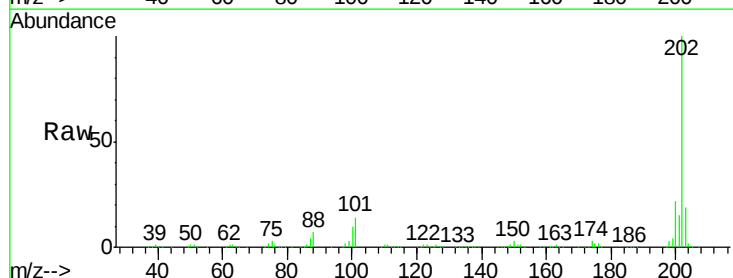
Delta R.T. 0.00 min

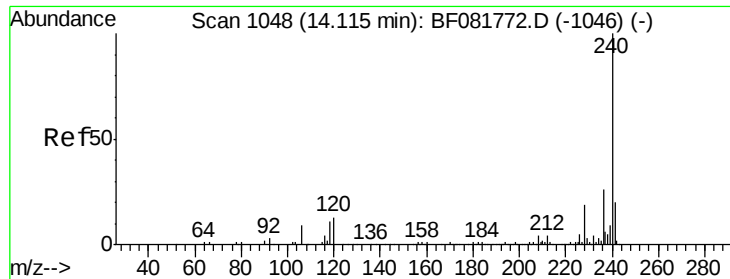
Lab File: BF081776.D

Acq: 24 Sep 2015 21:28

Tgt Ion:202 Resp: 1118471

Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	38.3
203	18.9	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: BF081776.D

Acq: 24 Sep 2015 21:28

Instrument :

BNA_F

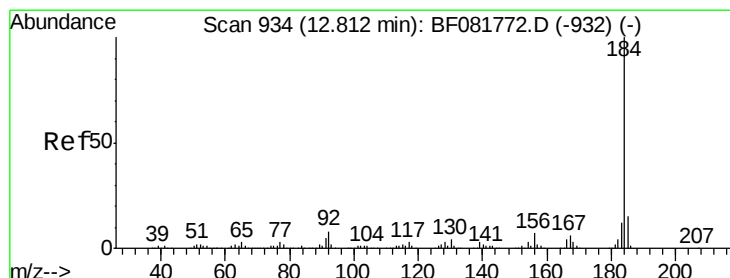
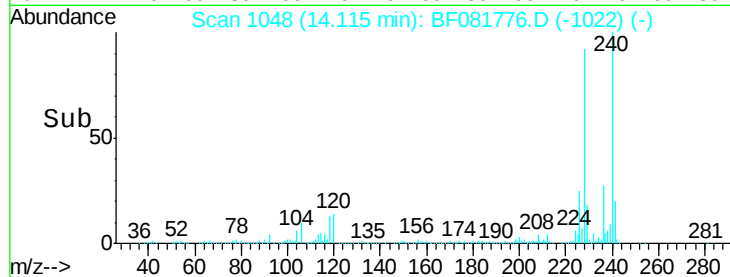
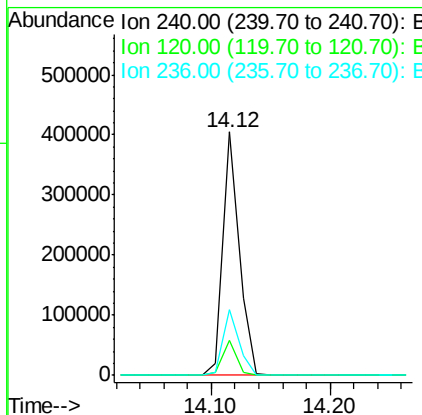
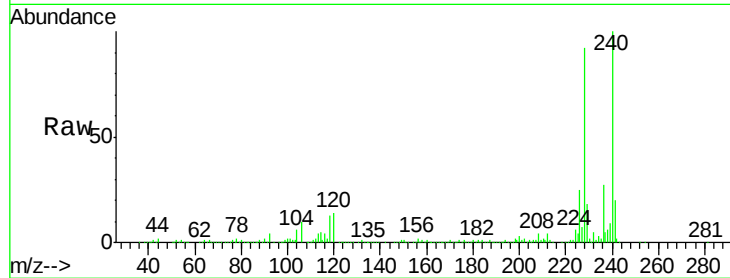
ClientSampleId :

ICVBF092415

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.3	16.2	24.2#
236	26.8	18.4	27.6

Manual Integrations
APPROVED

MMDadoda
9/25/2015 3:36:48 PM



#76

Benzidine

Concen: 39.57 ng

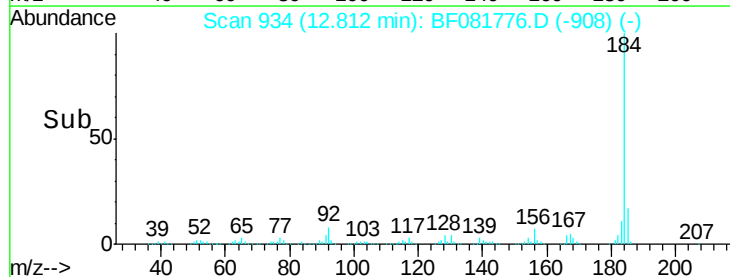
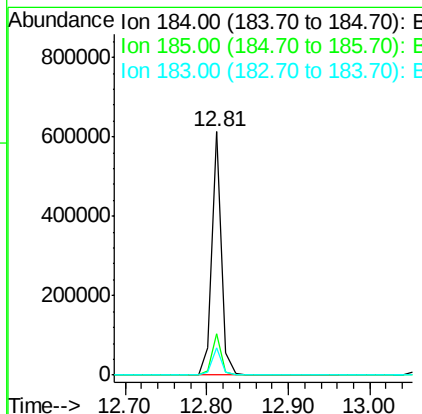
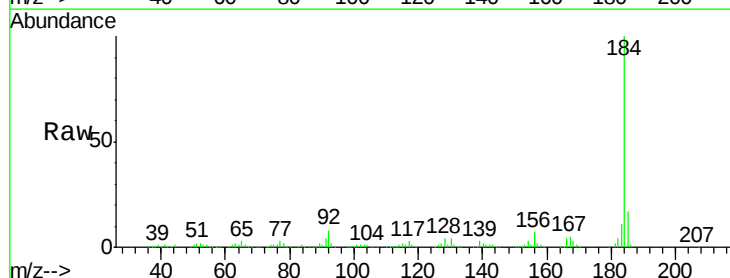
RT: 12.81 min Scan# 934

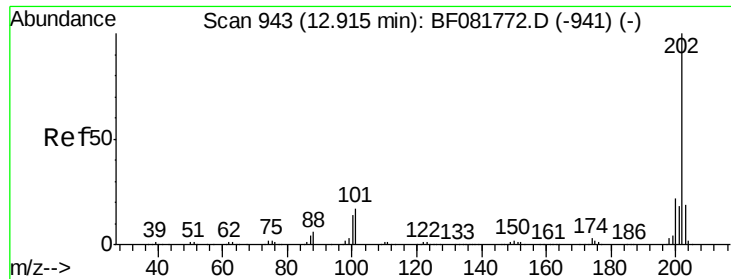
Delta R.T. 0.00 min

Lab File: BF081776.D

Acq: 24 Sep 2015 21:28

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.9	11.8	17.6
183	11.4	7.6	11.4#





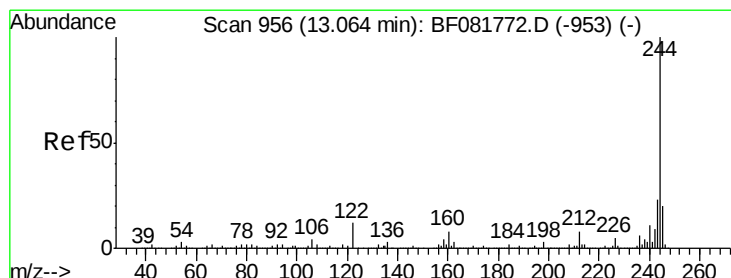
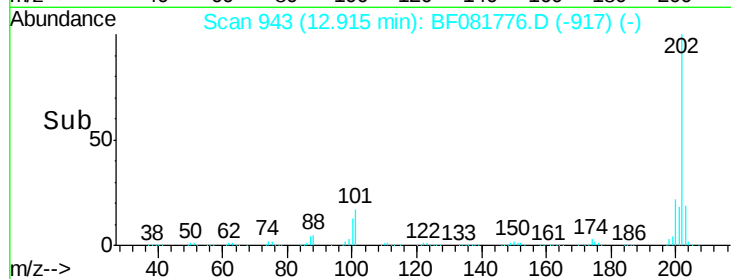
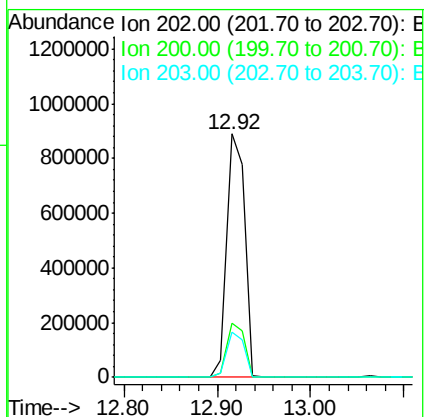
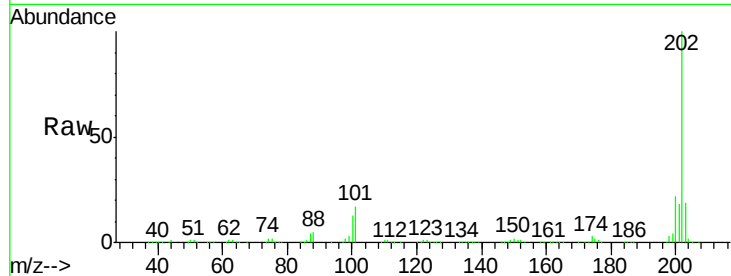
#77
 Pyrene
 Concen: 41.29 ng
 RT: 12.92 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF081776.D
 Acq: 24 Sep 2015 21:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092415

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.4	15.0	22.4
203	18.6	14.1	21.1

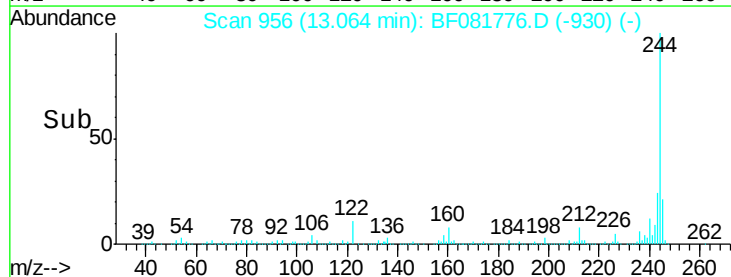
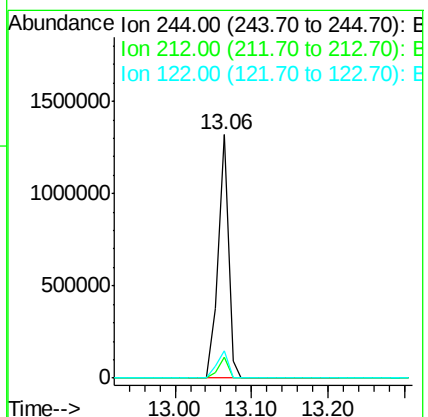
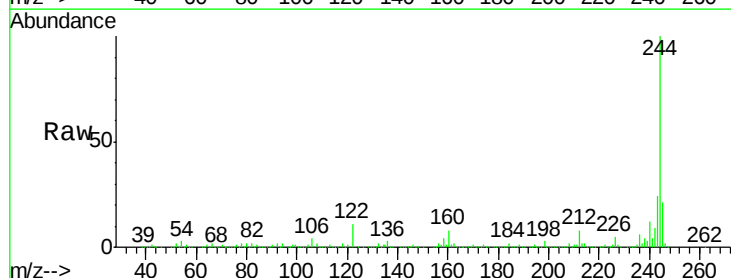
Manual Integrations
 APPROVED

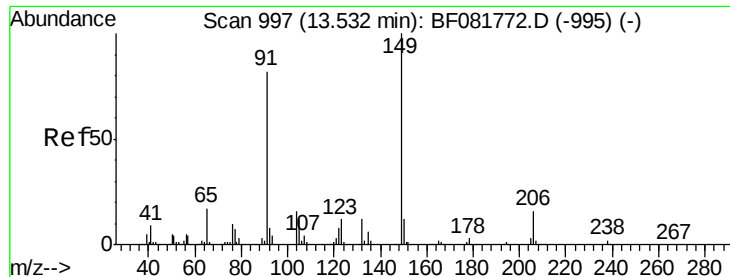
MMDadoda
 9/25/2015 3:36:48 PM



#78
 Terphenyl-d14
 Concen: 73.40 ng
 RT: 13.06 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF081776.D
 Acq: 24 Sep 2015 21:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	4.3	6.5#
122	11.3	17.4	26.2#





#79

Butylbenzylphthalate

Concen: 44.64 ng

RT: 13.53 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF081776.D

Acq: 24 Sep 2015 21:28

Instrument :

BNA_F

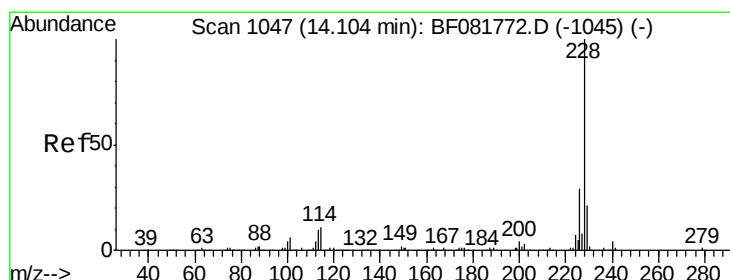
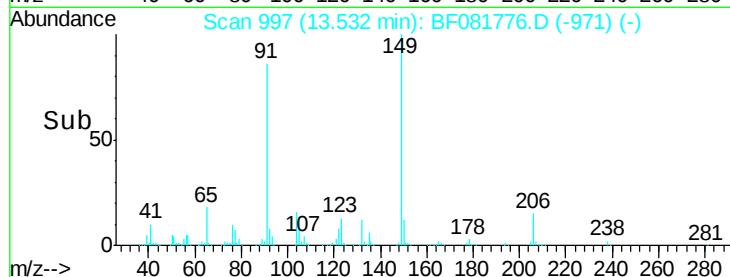
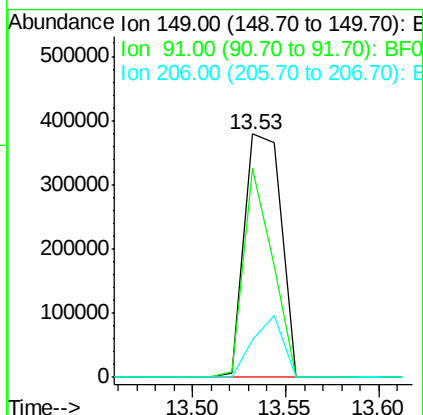
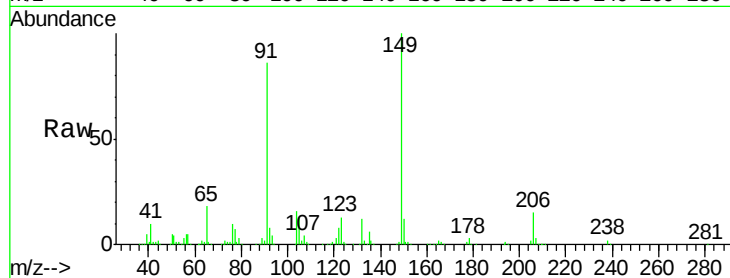
ClientSampleId :

ICVBF092415

Tgt Ion:	149	Resp:	515339
Ion Ratio	Lower	Upper	
149	100		
91	86.1	48.6	72.8#
206	15.4	14.9	22.3

Manual Integrations
APPROVED

MMDadoda
9/25/2015 3:36:48 PM



#80

Benzo(a)anthracene

Concen: 41.87 ng

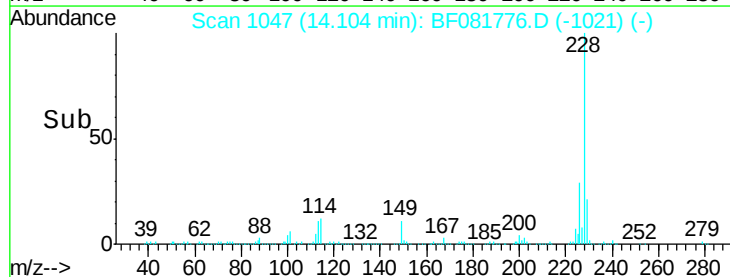
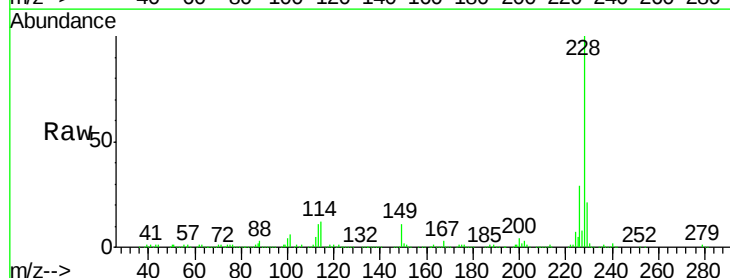
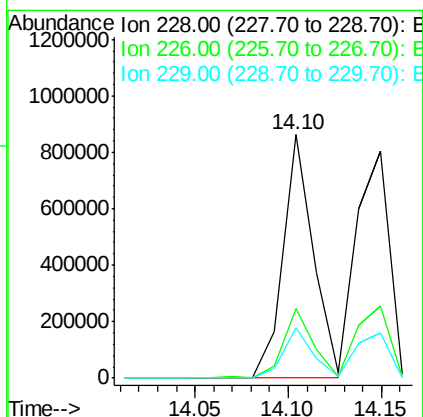
RT: 14.10 min Scan# 1047

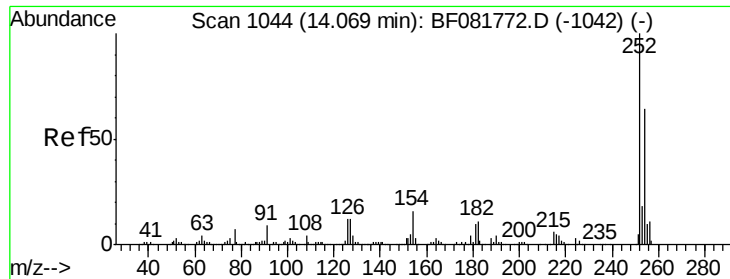
Delta R.T. 0.00 min

Lab File: BF081776.D

Acq: 24 Sep 2015 21:28

Tgt Ion:	228	Resp:	975359
Ion Ratio	Lower	Upper	
228	100		
226	28.7	20.0	30.0
229	20.7	15.4	23.2





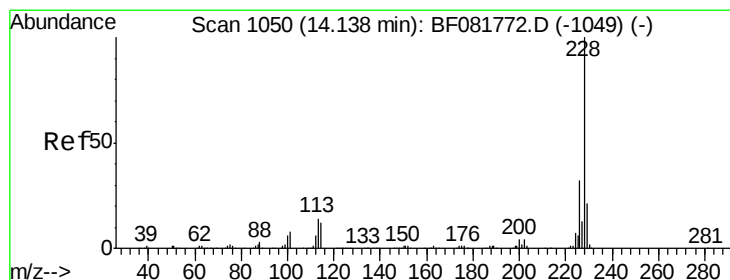
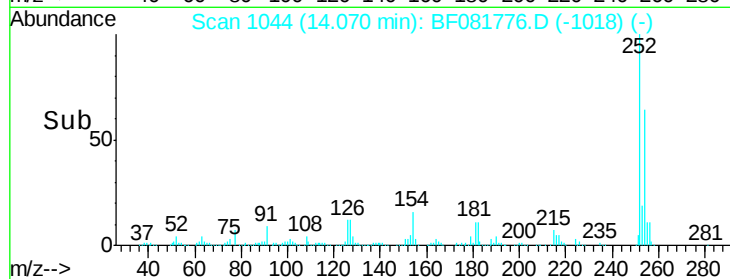
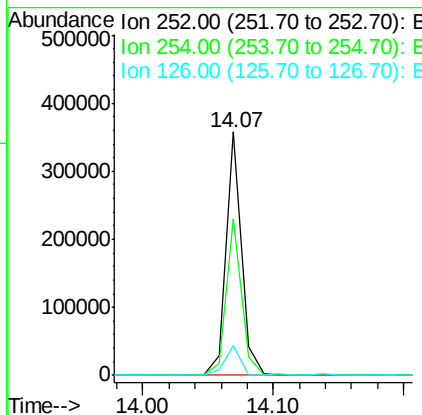
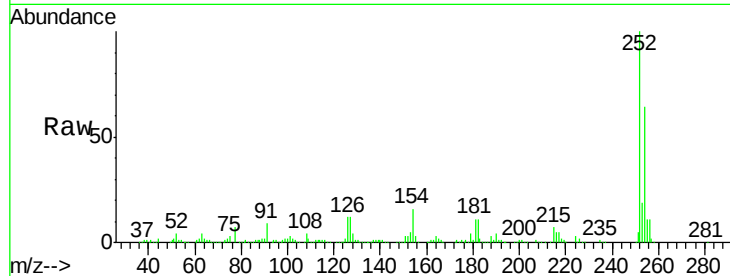
#81
 3,3'-Dichlorobenzidine
 Concen: 40.04 ng
 RT: 14.07 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081776.D
 Acq: 24 Sep 2015 21:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092415

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.2	51.4	77.2
126	12.4	16.4	24.6

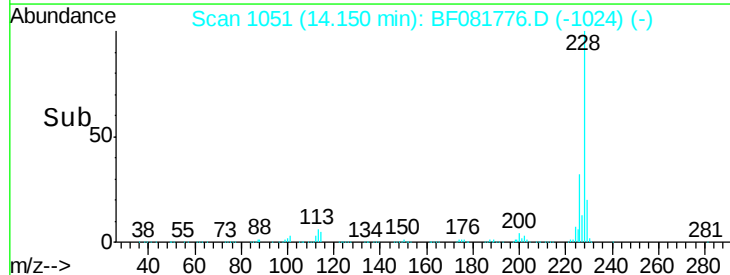
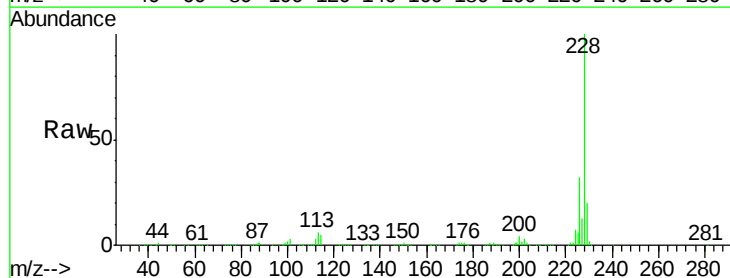
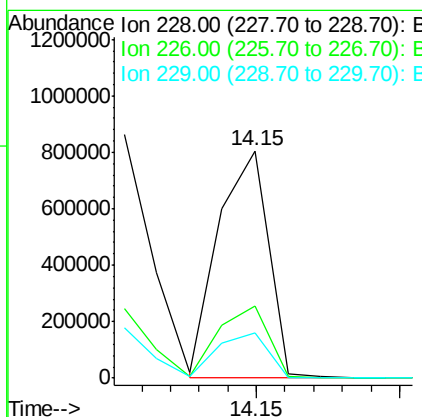
Manual Integrations
 APPROVED

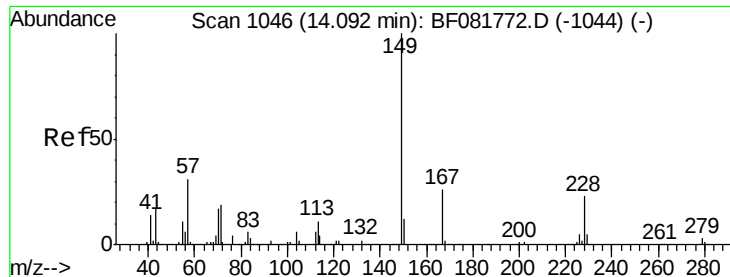
MMDadoda
 9/25/2015 3:36:48 PM



#82
 Chrysene
 Concen: 43.76 ng m
 RT: 14.15 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: BF081776.D
 Acq: 24 Sep 2015 21:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.9	21.0	31.4
229	20.0	15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.52 ng

RT: 14.09 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF081776.D

Acq: 24 Sep 2015 21:28

Instrument :

BNA_F

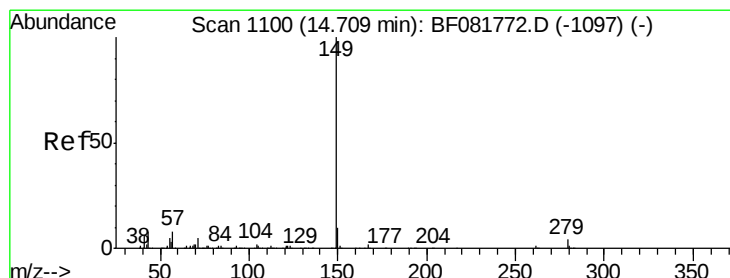
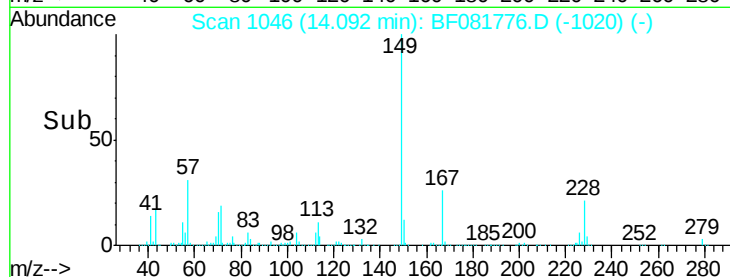
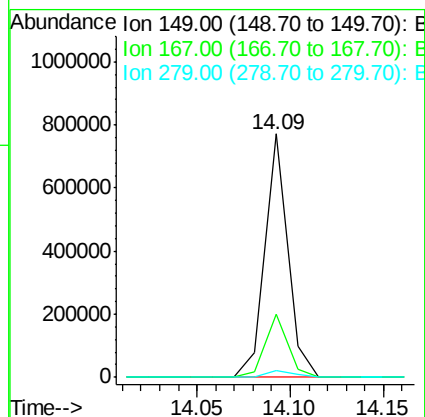
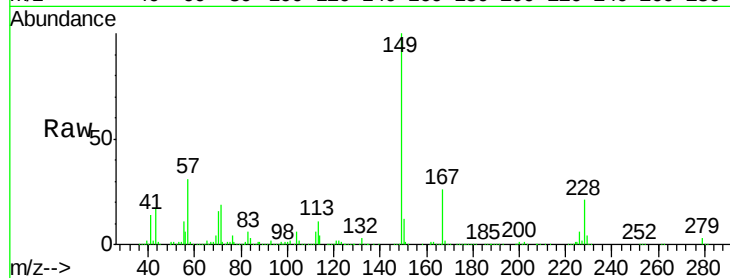
ClientSampleId :

ICVBF092415

Tgt Ion:	149	Resp:	651115
Ion Ratio	Lower	Upper	
149	100		
167	26.0	24.2	36.2
279	2.7	3.8	5.6#

Manual Integrations
APPROVED

MMDadoda
9/25/2015 3:36:48 PM



#84

Di-n-octyl phthalate

Concen: 46.62 ng

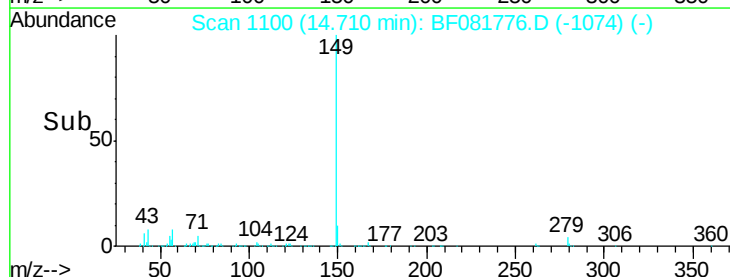
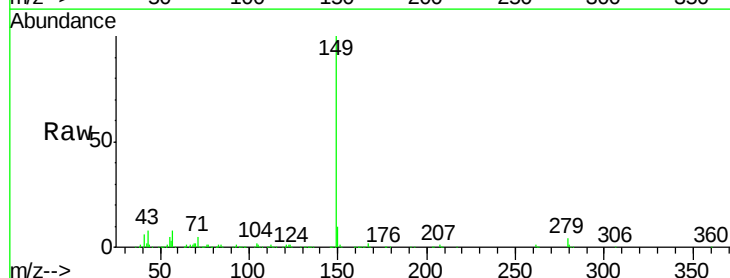
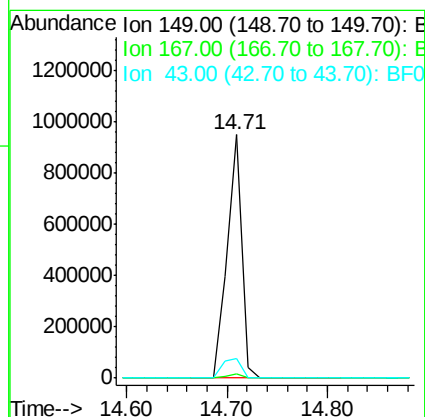
RT: 14.71 min Scan# 1100

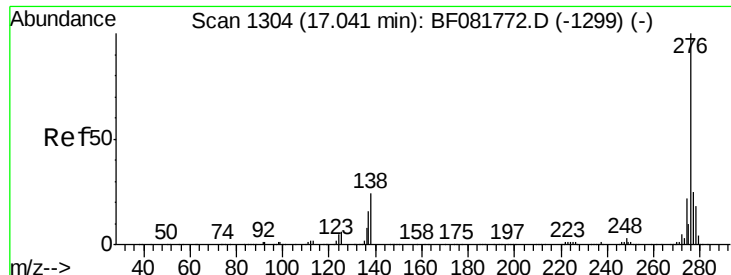
Delta R.T. 0.00 min

Lab File: BF081776.D

Acq: 24 Sep 2015 21:28

Tgt Ion:	149	Resp:	959746
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.0	1.6
43	10.7	10.2	15.2





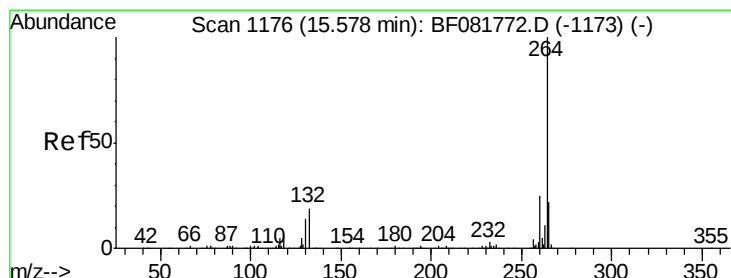
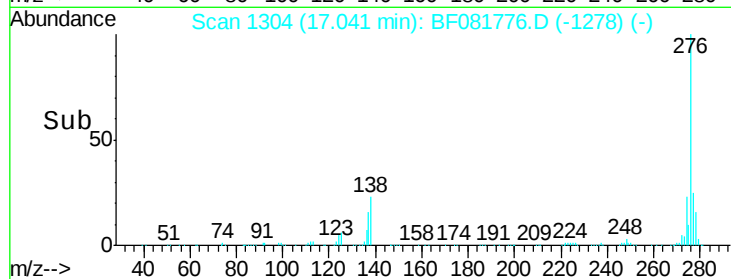
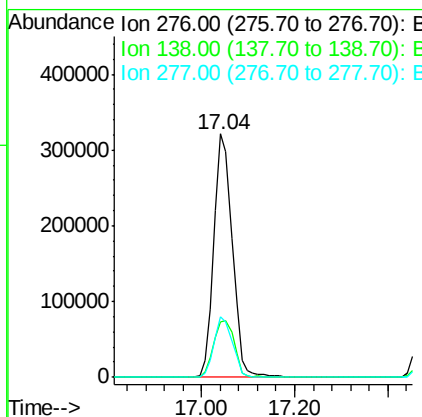
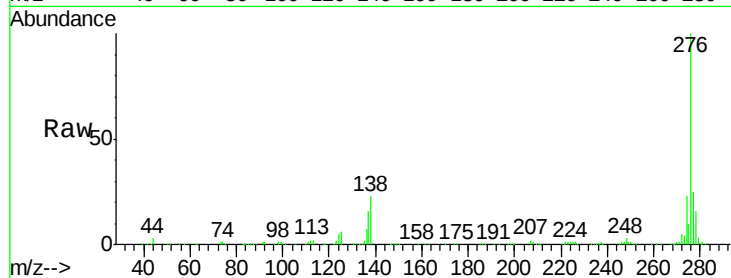
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.38 ng
 RT: 17.04 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF081776.D
 Acq: 24 Sep 2015 21:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092415

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.1	25.7	38.5
277	25.0	15.6	23.4

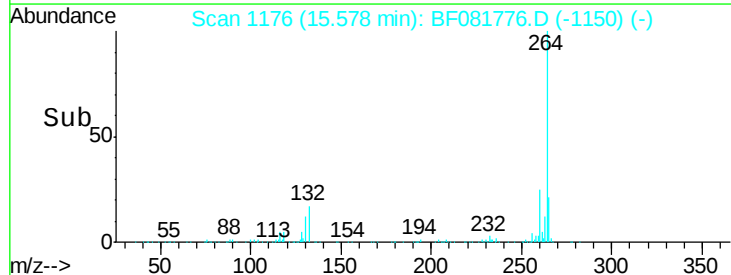
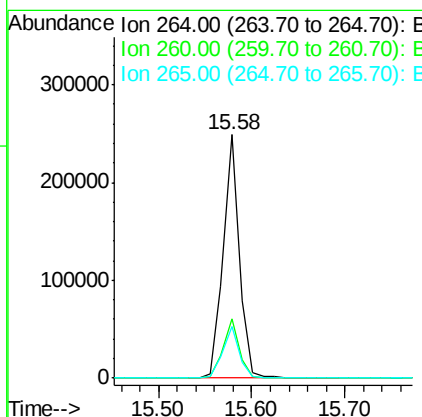
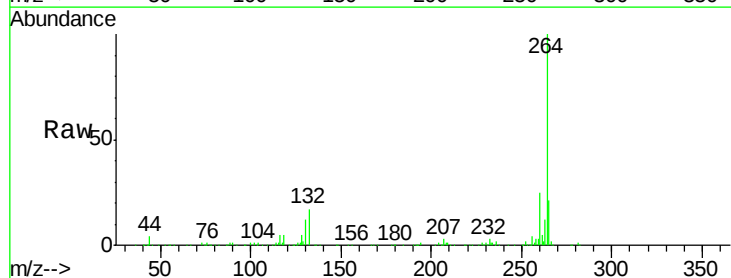
Manual Integrations
 APPROVED

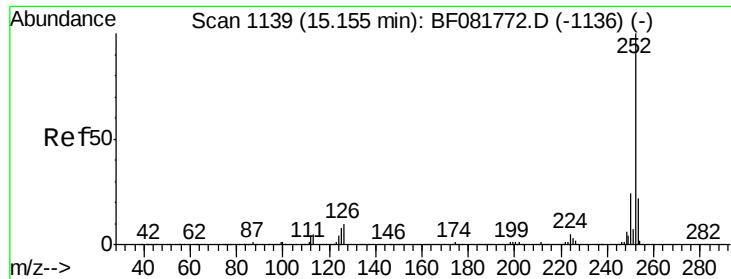
MMDadoda
 9/25/2015 3:36:48 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF081776.D
 Acq: 24 Sep 2015 21:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	16.7	25.1
265	21.1	17.2	25.8





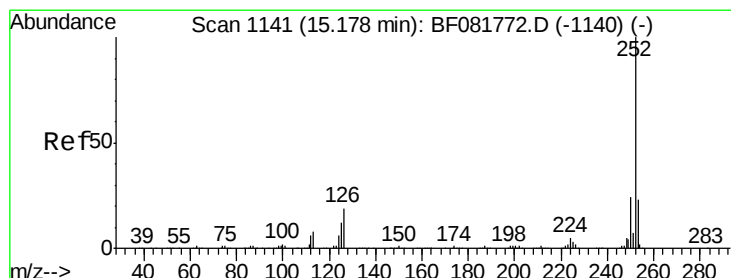
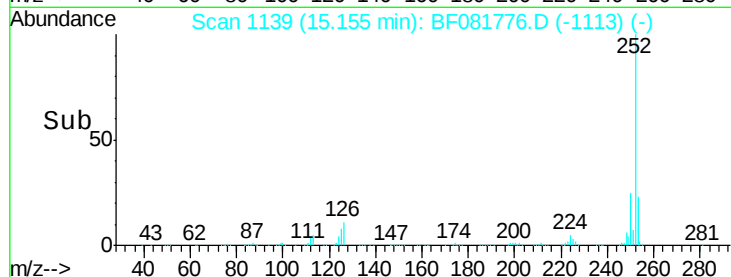
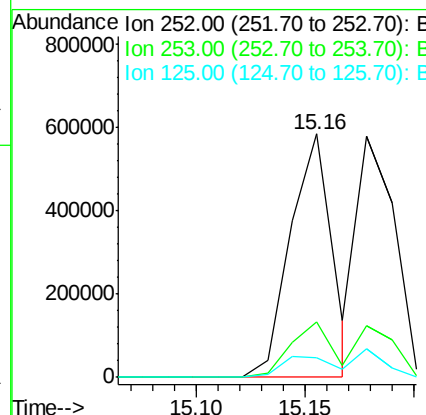
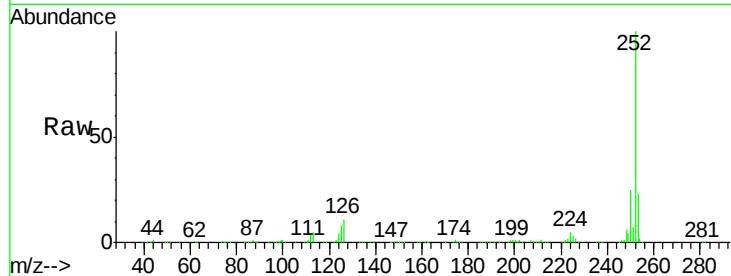
#87
Benzo(b)fluoranthene
Concen: 43.89 ng
RT: 15.16 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF081776.D
Acq: 24 Sep 2015 21:28

Instrument :
BNA_F
ClientSampleId :
ICVBF092415

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	779552		
253	22.7		17.5	26.3
125	8.2		17.1	25.7

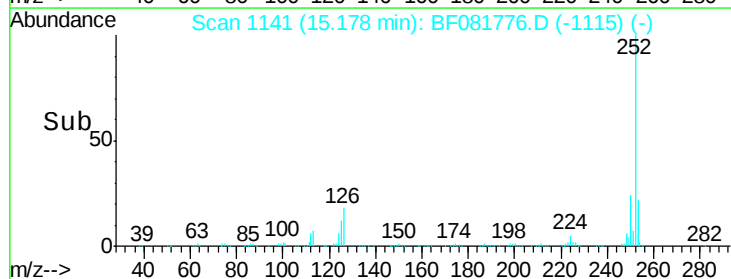
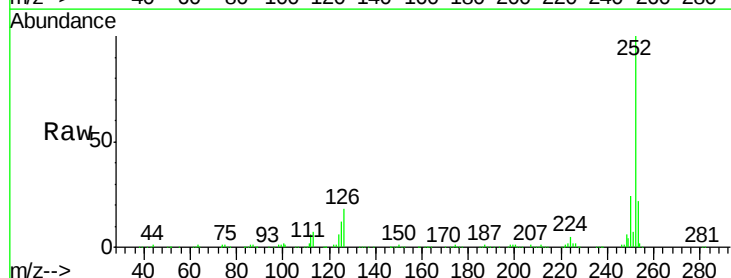
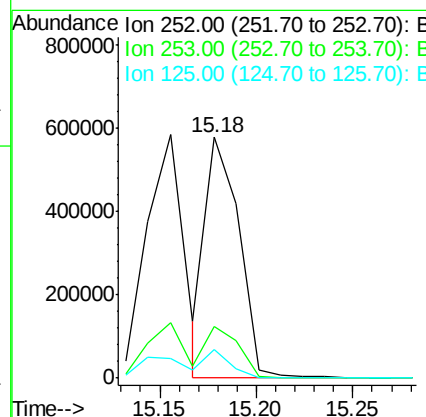
Manual Integrations
APPROVED

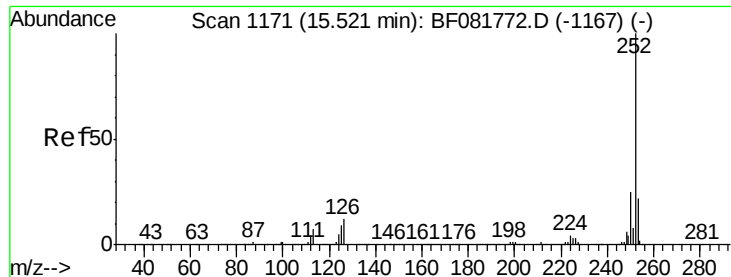
MMDadoda
9/25/2015 3:36:48 PM



#88
Benzo(k)fluoranthene
Concen: 41.51 ng m
RT: 15.18 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF081776.D
Acq: 24 Sep 2015 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	710128		
253	21.7		17.0	25.4
125	12.0		16.0	24.0





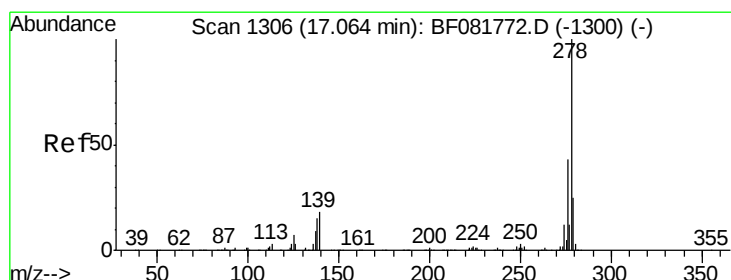
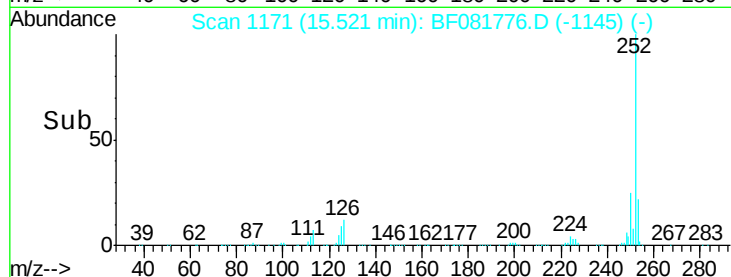
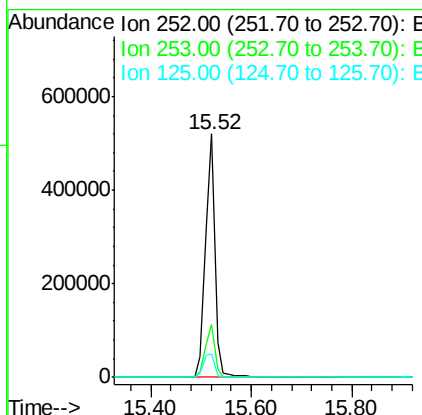
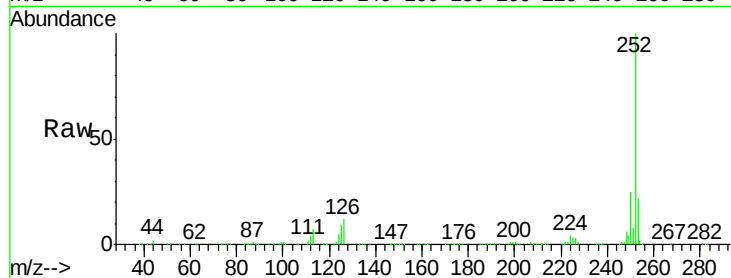
#89
Benzo(a)pyrene
Concen: 42.94 ng
RT: 15.52 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF081776.D
Acq: 24 Sep 2015 21:28

Instrument :
BNA_F
ClientSampleId :
ICVBF092415

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.0	17.2	25.8
125	9.5	18.0	27.0#

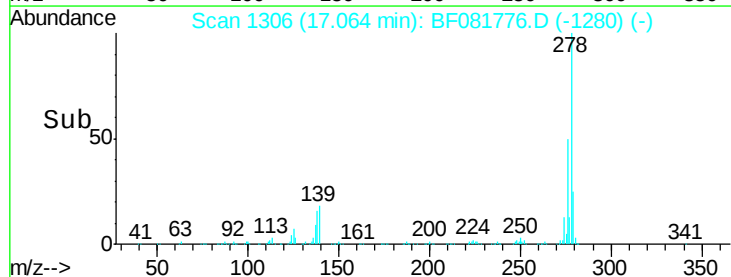
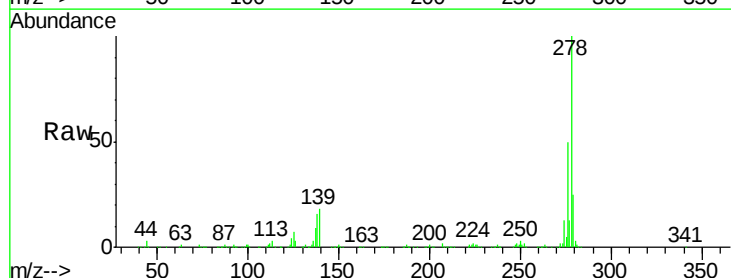
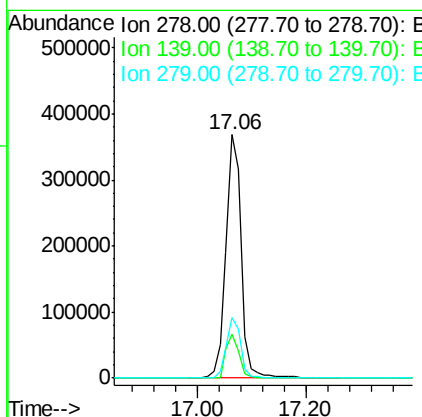
Manual Integrations
APPROVED

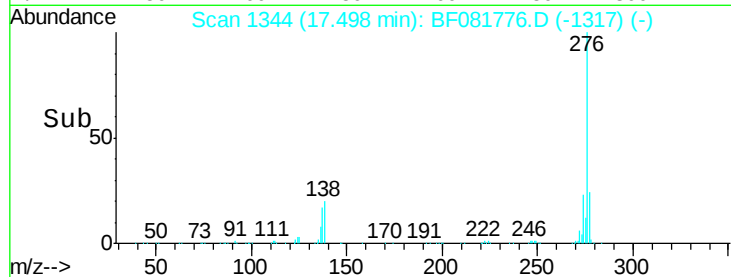
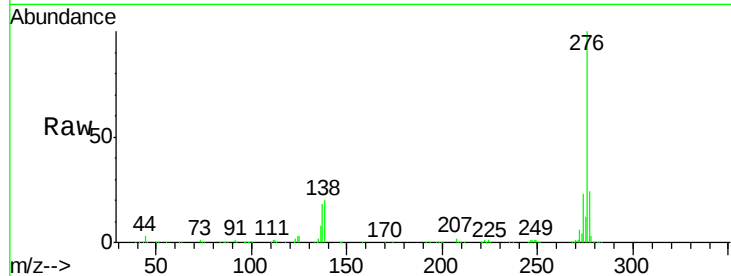
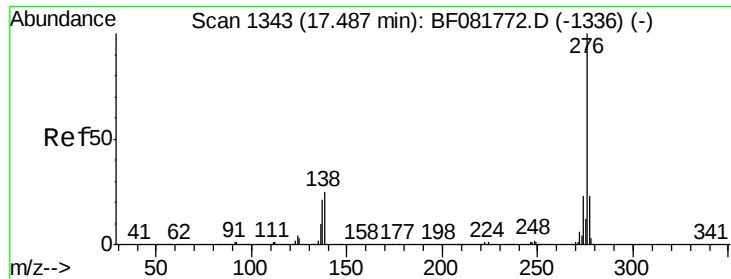
MMDadoda
9/25/2015 3:36:48 PM



#90
Dibenzo(a,h)anthracene
Concen: 43.21 ng
RT: 17.06 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF081776.D
Acq: 24 Sep 2015 21:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	18.3	26.3	39.5#
279	24.9	18.2	27.4





#91
 Benzo(g,h,i)perylene
 Concen: 43.58 ng
 RT: 17.50 min Scan# 1344
 Delta R.T. 0.01 min
 Lab File: BF081776.D
 Acq: 24 Sep 2015 21:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092415

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.8	26.6
138	20.0	34.6	51.8#

Manual Integrations
 APPROVED

MMDadoda
 9/25/2015 3:36:48 PM

