

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072715\
 Data File : BF080693.D
 Acq On : 28 Jul 2015 2:30
 Operator : TP/UM
 Sample : G3084-03MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3MS

Manual Integrations
 APPROVED

apatel
 7/29/2015 10:41:23 AM

Quant Time: Jul 28 09:38:37 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 28 05:06:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	31775	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	106689	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	41426	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	54259	20.00	ng	0.00
75) Chrysene-d12	14.21	240	21444	20.00	ng	-0.03
86) Perylene-d12	15.85	264	13813	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	254884	127.76	ng	0.01
7) Phenol-d6	6.53	99	294655	137.27	ng	0.00
23) Nitrobenzene-d5	7.48	82	201048	96.82	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	43907	121.10	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	308133	93.72	ng	0.00
78) Terphenyl-d14	13.06	244	123710	98.83	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.52	88	29960	35.59	ng	96
3) Pyridine	3.30	79	78777	37.04	ng	94
4) n-Nitrosodimethylamine	3.20	42	49288	36.48	ng	91
6) Aniline	6.58	93	49205	16.18	ng	97
8) 2-Chlorophenol	6.70	128	91755	46.36	ng	95
9) Benzaldehyde	6.46	77	23397	16.10	ng	99
10) Phenol	6.56	94	103331	42.53	ng	82
11) bis(2-Chloroethyl)ether	6.66	93	77118	44.07	ng	# 78
12) 1,3-Dichlorobenzene	6.86	146	104475	43.46	ng	99
13) 1,4-Dichlorobenzene	6.94	146	101961	43.31	ng	98
14) 1,2-Dichlorobenzene	7.09	146	97830	43.80	ng	97
15) Benzyl Alcohol	7.06	79	84902	48.36	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.21	45	156300	47.67	ng	97
17) 2-Methylphenol	7.17	107	63466	45.78	ng	# 85
18) Hexachloroethane	7.44	117	35102	44.69	ng	96
19) n-Nitroso-di-n-propylamine	7.33	70	58584	46.38	ng	# 78
20) 3+4-Methylphenols	7.32	107	93917	49.54	ng	94
22) Acetophenone	7.33	105	123513	44.95	ng	98
24) Nitrobenzene	7.50	77	90657	44.27	ng	99
25) Isophorone	7.74	82	154133	47.68	ng	100
26) 2-Nitrophenol	7.82	139	39469	47.77	ng	98
27) 2,4-Dimethylphenol	7.86	122	75520	47.39	ng	97
28) bis(2-Chloroethoxy)methane	7.95	93	89560	47.18	ng	99
29) 2,4-Dichlorophenol	8.06	162	60705	45.16	ng	# 83
30) 1,2,4-Trichlorobenzene	8.16	180	74977	43.83	ng	97
31) Naphthalene	8.24	128	236195	45.01	ng	100
33) 4-Chloroaniline	8.28	127	33409	17.68	ng	97
34) Hexachlorobutadiene	8.35	225	46636	43.68	ng	90
35) Caprolactam	8.60	113	14719	53.90	ng	# 79
36) 4-Chloro-3-methylphenol	8.75	107	63452	46.52	ng	97
37) 2-Methylnaphthalene	8.92	142	155157	46.31	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	64349	42.19	ng	98
40) Hexachlorocyclopentadiene	9.08	237	81472	83.71	ng	98
42) 2,4,6-Trichlorophenol	9.20	196	43380	43.10	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072715\
 Data File : BF080693.D
 Acq On : 28 Jul 2015 2:30
 Operator : TP/UM
 Sample : G3084-03MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3MS

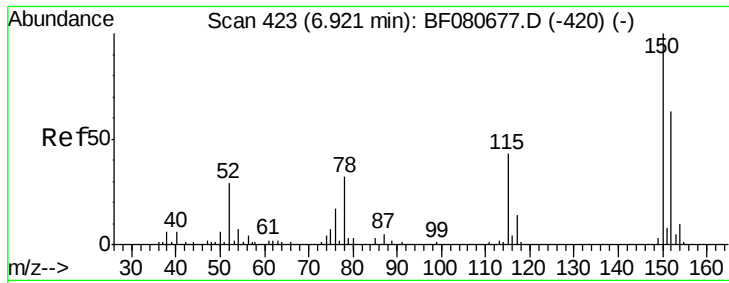
Manual Integrations
 APPROVED

apatel
 7/29/2015 10:41:23 AM

Quant Time: Jul 28 09:38:37 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 28 05:06:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.23	196	38883	41.79	nq	98
45) 1,1'-Biphenyl	9.39	154	159827	45.93	nq	97
46) 2-Chloronaphthalene	9.41	162	126125	43.33	nq	97
47) 2-Nitroaniline	9.49	65	32196	47.00	nq	97
48) Acenaphthylene	9.82	152	197672	43.15	nq	99
49) Dimethylphthalate	9.68	163	186966	69.42	nq	99
50) 2,6-Dinitrotoluene	9.74	165	24696	46.32	nq	# 84
51) Acenaphthene	10.00	154	115144	42.74	nq	97
52) 3-Nitroaniline	9.90	138	17937	29.62	nq	97
53) 2,4-Dinitrophenol	10.01	184	5061	37.10	nq	94
54) Dibenzofuran	10.17	168	165693	44.81	nq	98
55) 4-Nitrophenol	10.05	139	31674	78.12	nq	88
56) 2,4-Dinitrotoluene	10.14	165	27884	45.88	nq	97
57) Fluorene	10.51	166	122100	43.46	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	26251	42.20	nq	# 87
59) Diethylphthalate	10.38	149	120056	46.93	nq	98
60) 4-Chlorophenyl-phenylether	10.51	204	52759	42.66	nq	97
61) 4-Nitroaniline	10.51	138	18822	36.45	nq	93
62) Azobenzene	10.66	77	106781	42.67	nq	96
64) 4,6-Dinitro-2-methylphenol	10.54	198	8418	41.47	nq	93
65) n-Nitrosodiphenylamine	10.62	169	87787	47.38	nq	96
66) 4-Bromophenyl-phenylether	11.00	248	27677	47.77	nq	96
67) Hexachlorobenzene	11.06	284	26634	39.07	nq	95
68) Atrazine	11.15	200	21379	59.49	nq	91
69) Pentachlorophenol	11.25	266	23169	86.33	nq	96
70) Phenanthrene	11.47	178	190605	61.55	nq	98
71) Anthracene	11.53	178	143960	47.81	nq	98
72) Carbazole	11.68	167	109083	43.37	nq	98
73) Di-n-butylphthalate	12.02	149	130339	50.85	nq	97
74) Fluoranthene	12.67	202	163731	67.41	nq	97
76) Benzidine	12.80	184	31725	53.69	nq	98
77) Pyrene	12.91	202	148760	82.86	nq	99
79) Butylbenzylphthalate	13.57	149	32255	62.00	nq	98
80) Benzo(a)anthracene	14.20	228	71925	57.90	nq	96
81) 3,3'-Dichlorobenzidine	14.16	252	13252	40.78	nq	# 87
82) Chrysene	14.24	228	68339	55.16	nq	97
83) Bis(2-ethylhexyl)phthalate	14.21	149	39733	62.33	nq	# 99
84) Di-n-octyl phthalate	14.95	149	48283	63.06	nq	# 98
85) Indeno(1,2,3-cd)pyrene	17.33	276	177653	340.02	nq	95
87) Benzo(b)fluoranthene	15.40	252	48038	47.76	nq	# 96
88) Benzo(k)fluoranthene	15.44	252	33975m	36.84	nq	
89) Benzo(a)pyrene	15.78	252	42314	55.06	nq	95
90) Dibenzo(a,h)anthracene	17.36	278	116074	219.66	nq	96
91) Benzo(g,h,i)perylene	17.78	276	210908	411.72	nq	# 97

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



#1

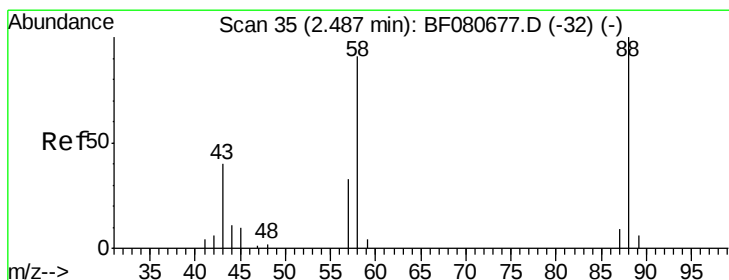
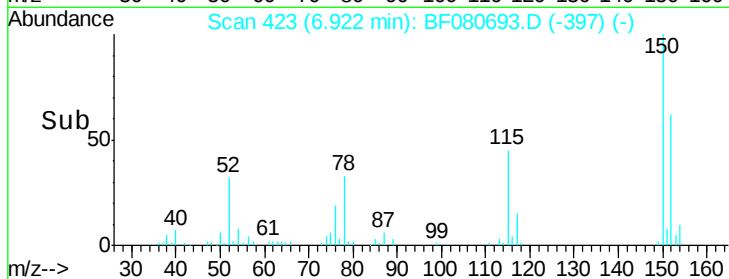
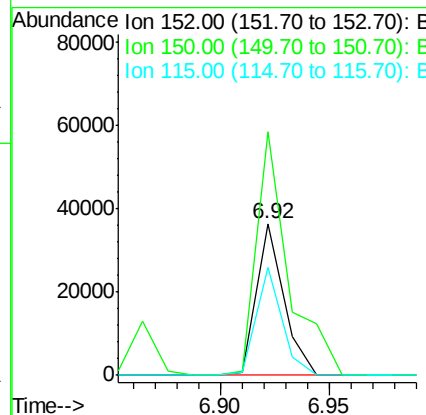
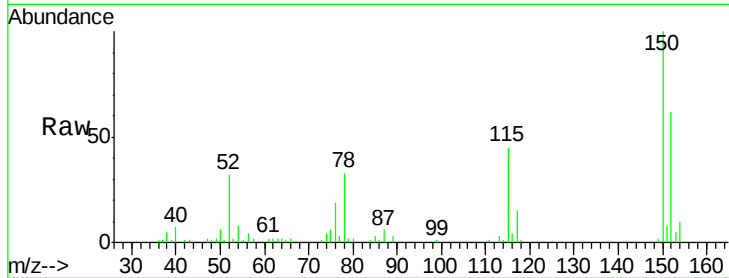
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	127.7	191.5
115	71.5	54.2	81.4

Manual Integrations
APPROVED

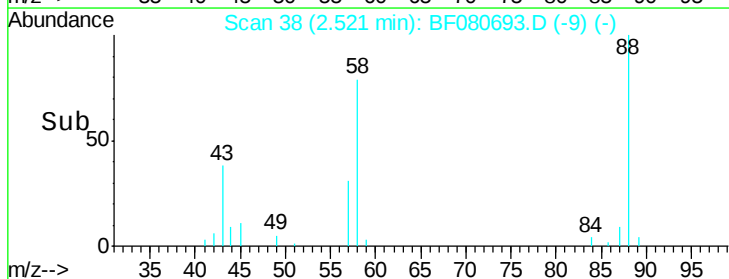
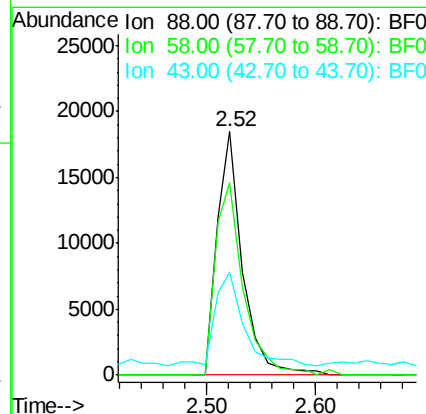
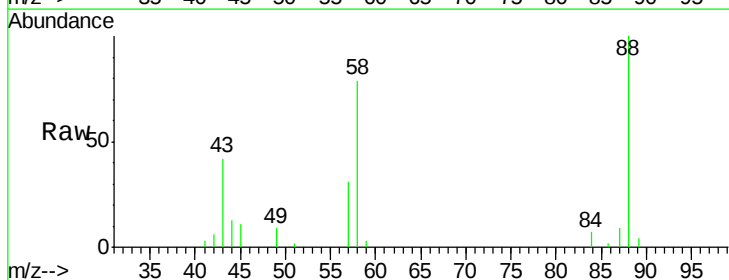
apatel
7/29/2015 10:41:23 AM

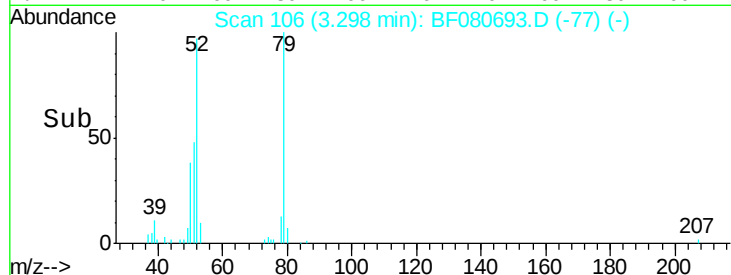
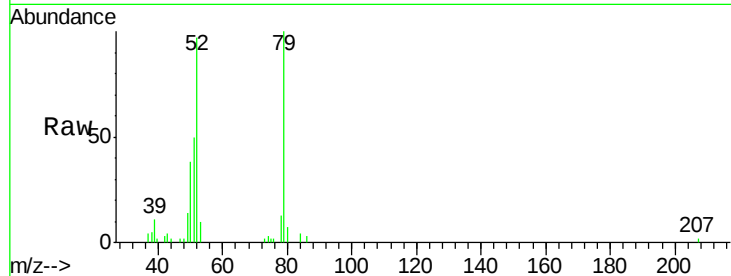
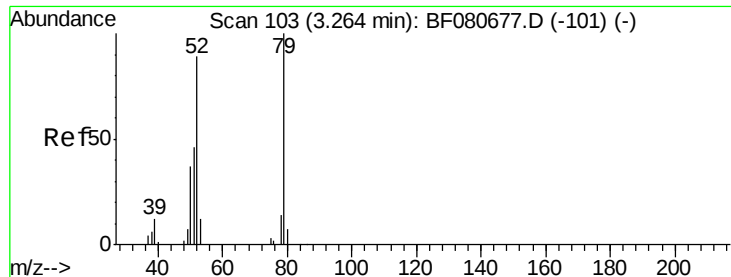


#2

1,4-Dioxane
Concen: 35.59 ng
RT: 2.52 min Scan# 38
Delta R.T. 0.04 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.2	71.6	107.4
43	45.1	31.4	47.0





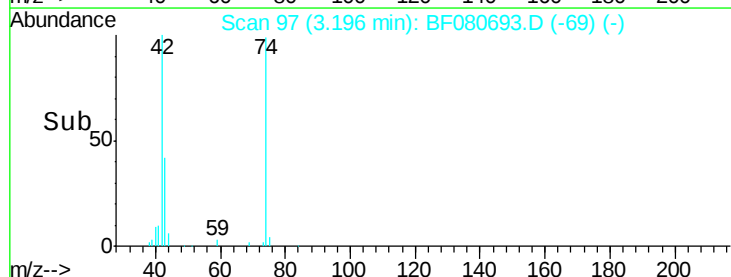
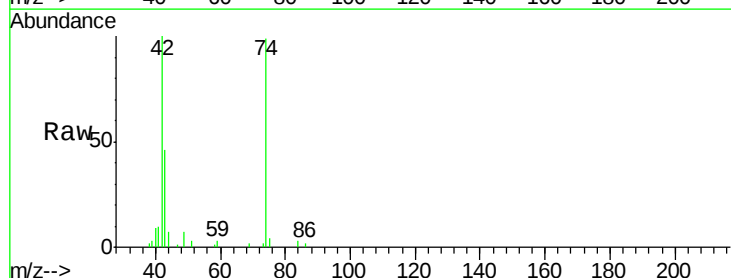
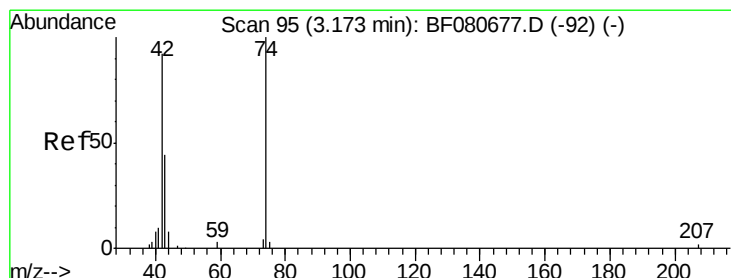
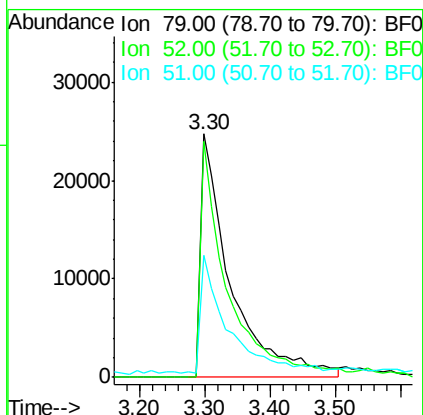
#3
Pvridine
Concen: 37.04 ng
RT: 3.30 min Scan# 106
Delta R.T. 0.03 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Tot Ion	Ratio	Lower	Upper
79	100		
52	96.8	71.1	106.7
51	50.3	39.0	58.4

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MS

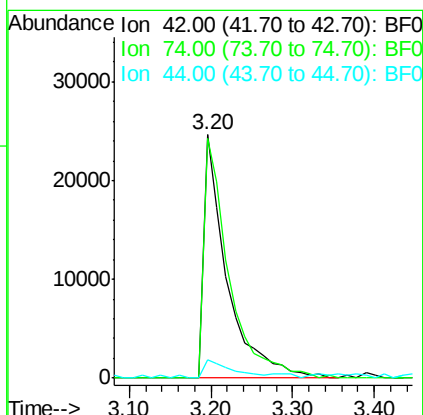
Manual Integrations
APPROVED

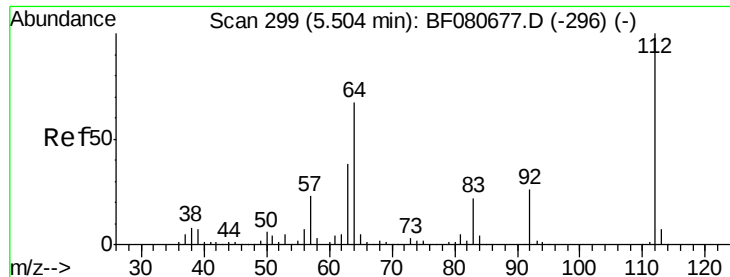
apatel
7/29/2015 10:41:23 AM



#4
n-Nitrosodimethylamine
Concen: 36.48 ng
RT: 3.20 min Scan# 97
Delta R.T. 0.02 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Tgt Ion	Ratio	Lower	Upper
42	100		
74	98.6	87.0	130.6
44	7.4	6.9	10.3





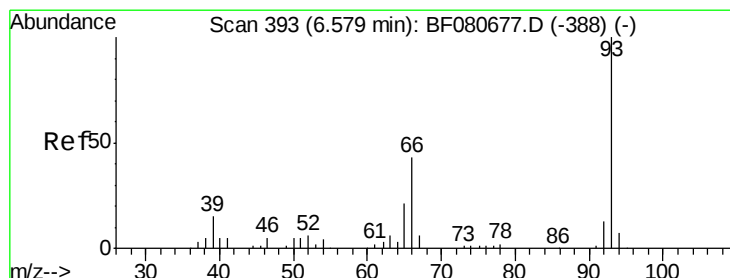
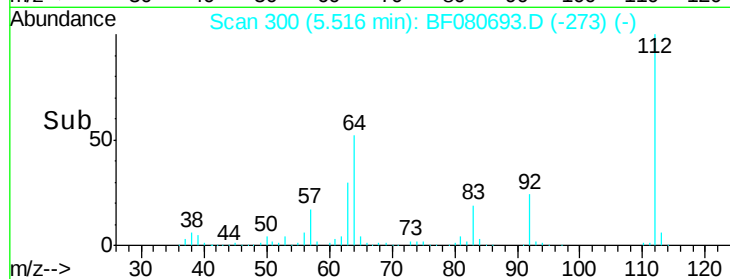
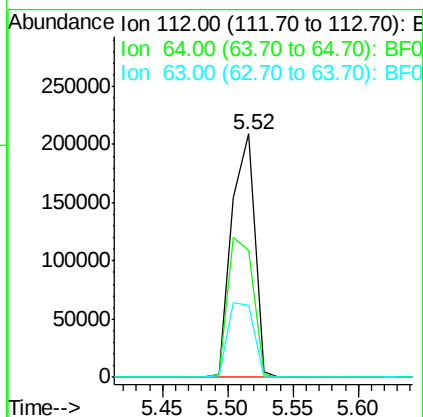
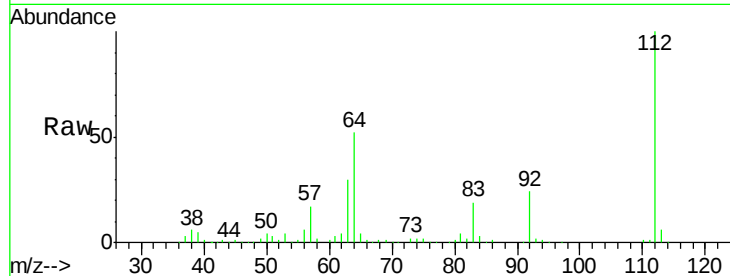
#5
 2-Fluorophenol
 Concen: 127.76 ng
 RT: 5.52 min Scan# 300
 Delta R.T. 0.01 min
 Lab File: BF080693.D
 Acq: 28 Jul 2015 2:30

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3MS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	52.4	53.2	79.8#
63	29.6	30.4	45.6#

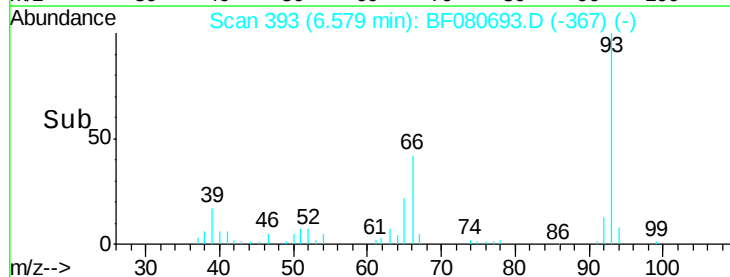
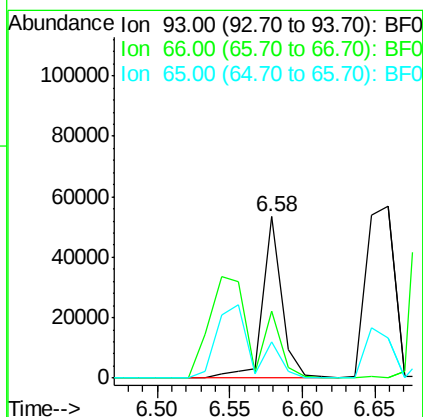
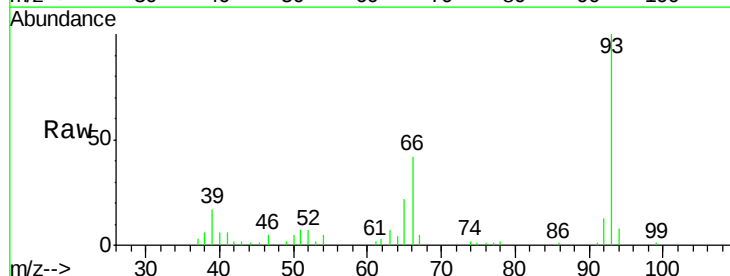
Manual Integrations
 APPROVED

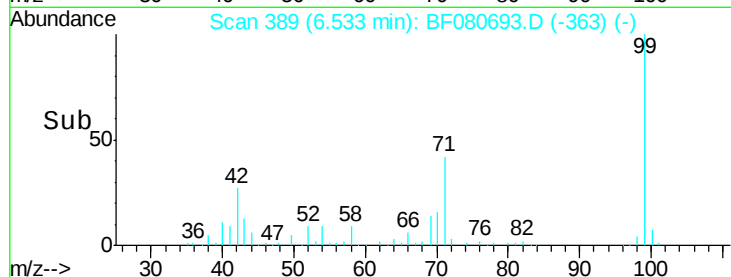
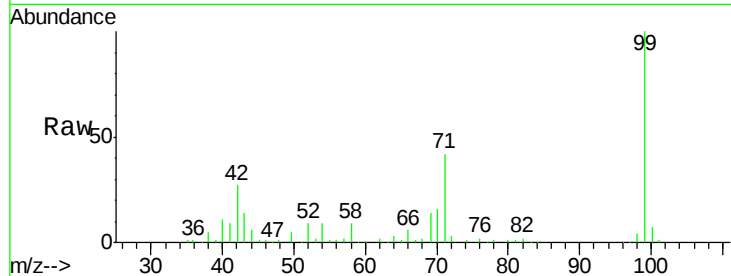
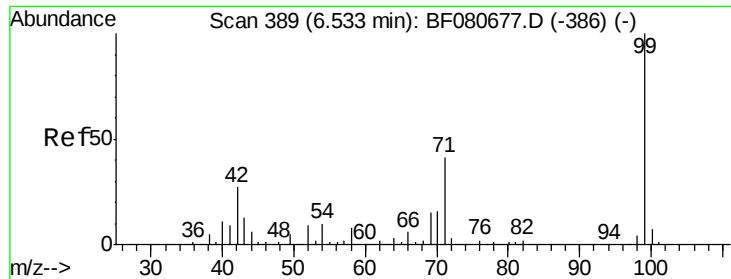
apatel
 7/29/2015 10:41:23 AM



#6
 Aniline
 Concen: 16.18 ng
 RT: 6.58 min Scan# 393
 Delta R.T. 0.00 min
 Lab File: BF080693.D
 Acq: 28 Jul 2015 2:30

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	41.6	34.6	52.0
65	22.4	16.5	24.7





#7

Phenol-d6

Concen: 137.27 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Tot Ion:	99	Resp:	294655
Ion Ratio	Lower	Upper	
99	100		
42	26.8	21.8	32.8
71	41.5	32.9	49.3

Instrument :

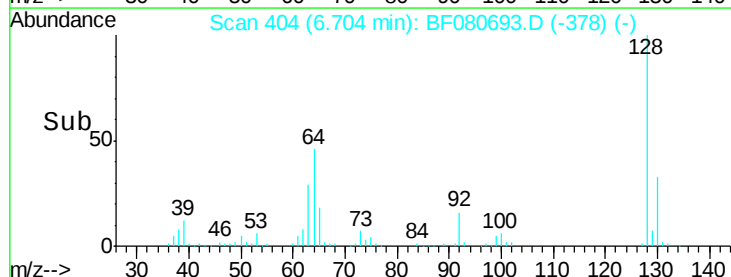
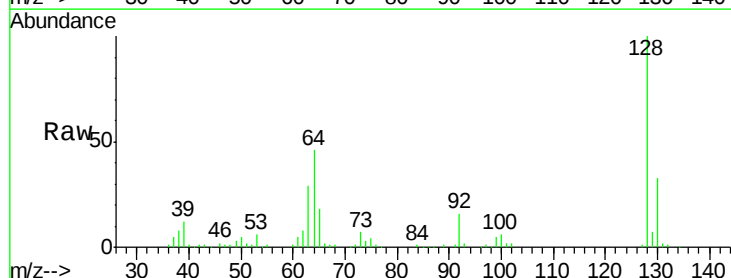
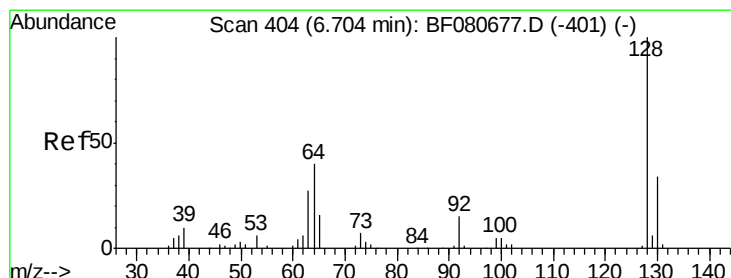
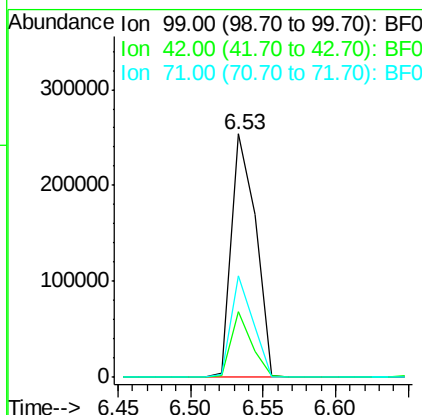
BNA_F

ClientSampleId :

DUMBO-EP-3MS

Manual Integrations
APPROVED

apatel
7/29/2015 10:41:23 AM



#8

2-Chlorophenol

Concen: 46.36 ng

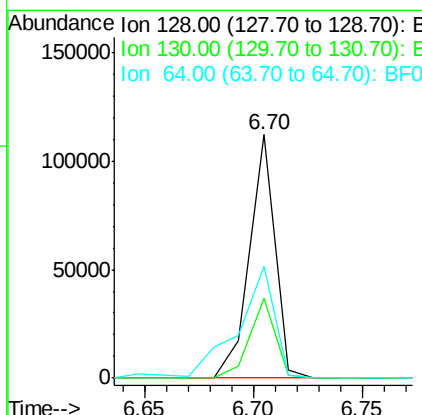
RT: 6.70 min Scan# 404

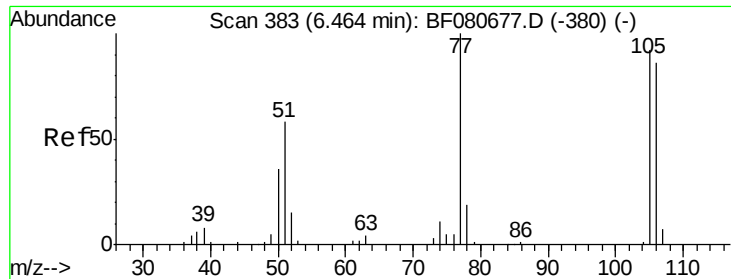
Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Tgt Ion:	128	Resp:	91755
Ion Ratio	Lower	Upper	
128	100		
130	32.8	14.0	54.0
64	45.8	20.6	60.6





#9

Benzaldehyde

Concen: 16.10 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Instrument :

BNA_F

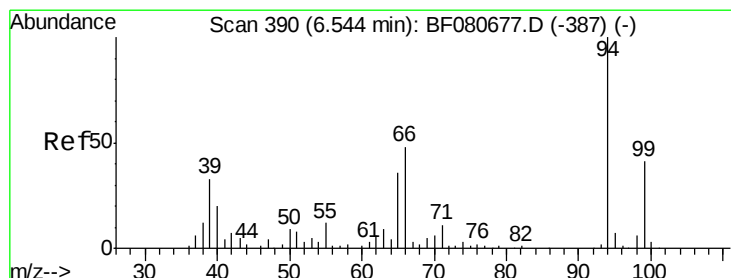
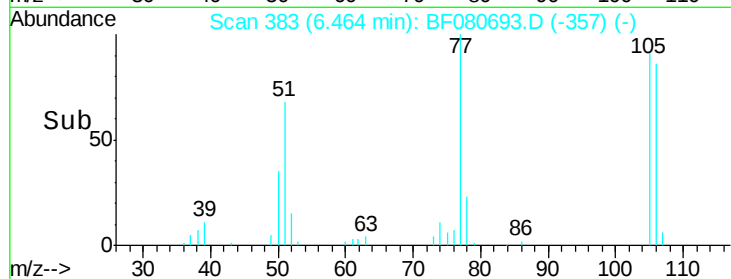
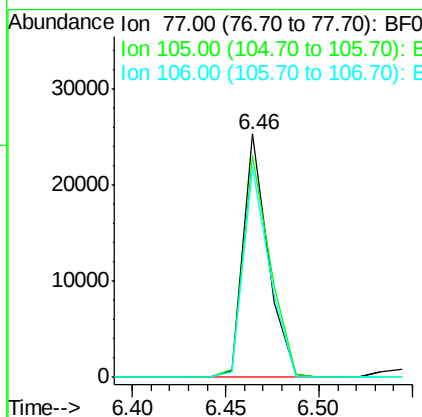
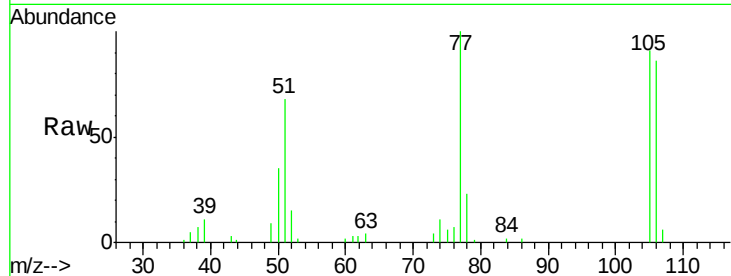
ClientSampleId :

DUMBO-EP-3MS

Tot Ion:	77	Resp:	23397
Ion Ratio	Lower	Upper	
77	100		
105	91.0	72.1	112.1
106	86.3	65.5	105.5

Manual Integrations
APPROVED

apatel
7/29/2015 10:41:23 AM



#10

Phenol

Concen: 42.53 ng

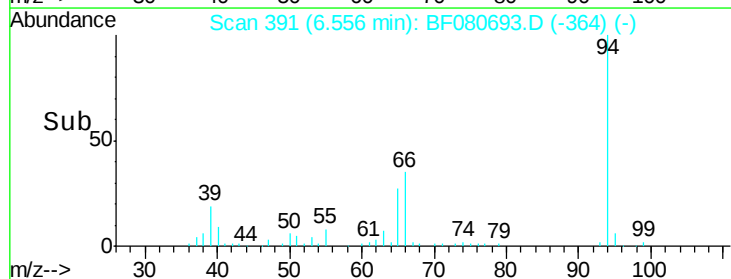
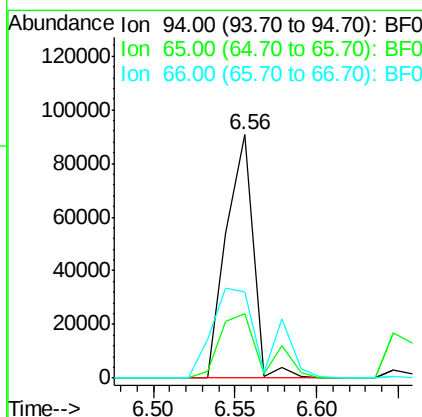
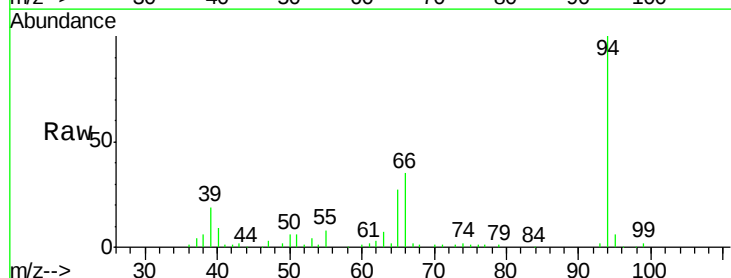
RT: 6.56 min Scan# 391

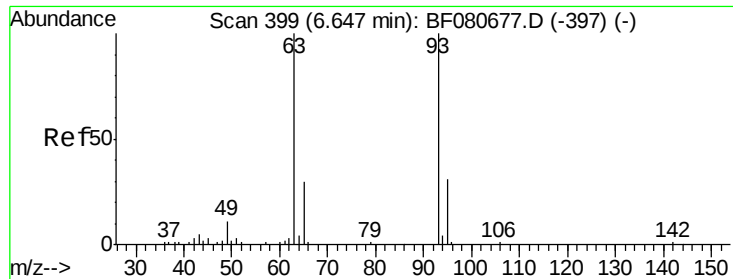
Delta R.T. 0.01 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Tgt Ion:	94	Resp:	103331
Ion Ratio	Lower	Upper	
94	100		
65	26.5	16.0	56.0
66	35.3	28.1	68.1





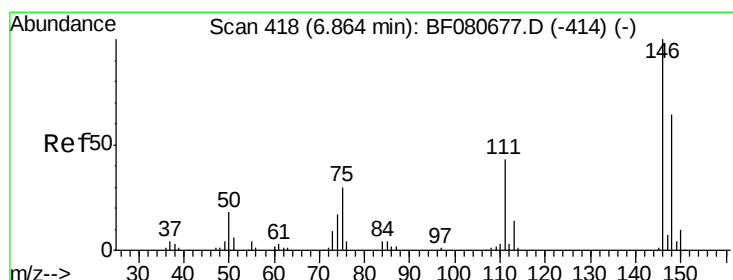
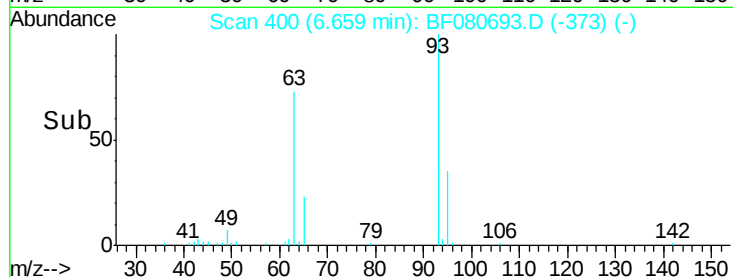
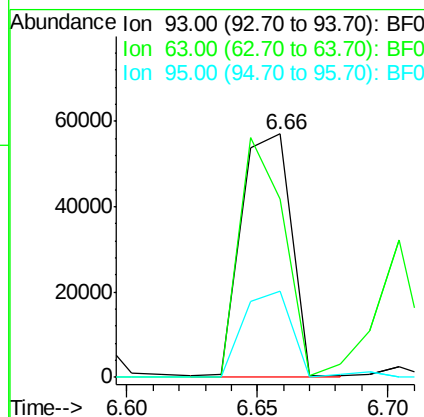
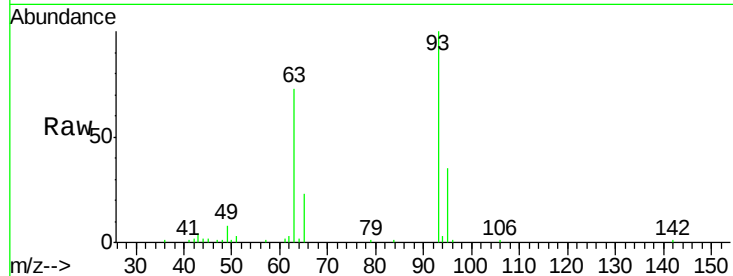
#11
bis(2-Chloroethyl)ether
Concen: 44.07 ng
RT: 6.66 min Scan# 400
Delta R.T. 0.01 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.3	79.7	119.7#
95	35.2	11.0	51.0

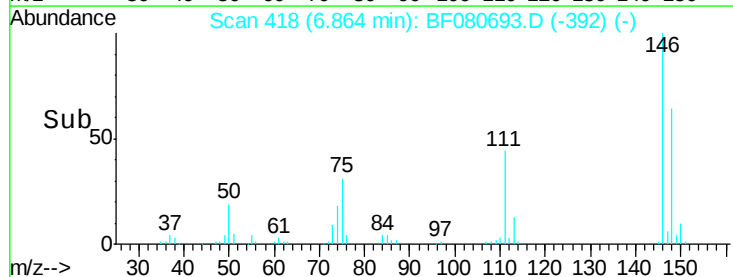
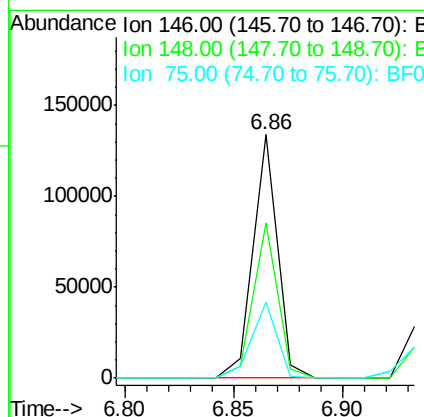
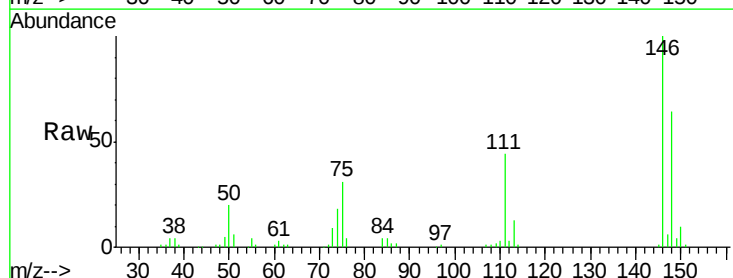
Manual Integrations
APPROVED

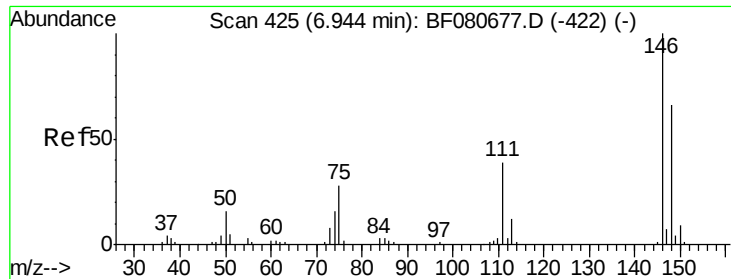
apatel
7/29/2015 10:41:23 AM



#12
1,3-Dichlorobenzene
Concen: 43.46 ng
RT: 6.86 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.2	76.8
75	31.3	23.9	35.9





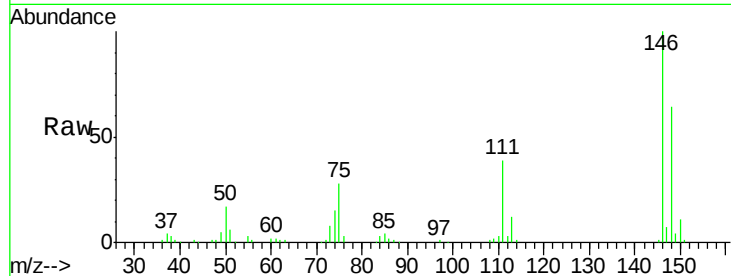
#13
 1,4-Dichlorobenzene
 Concen: 43.31 ng
 RT: 6.94 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF080693.D
 Acq: 28 Jul 2015 2:30

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3MS

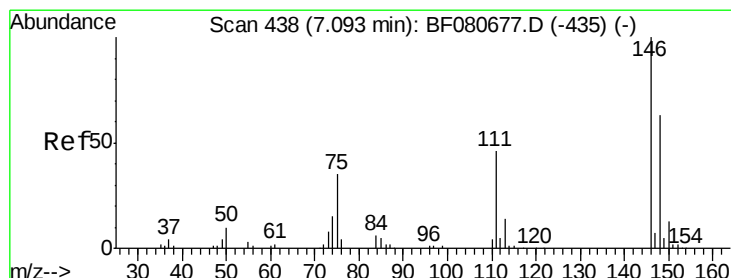
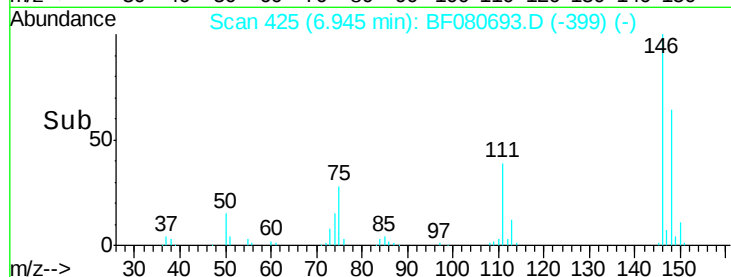
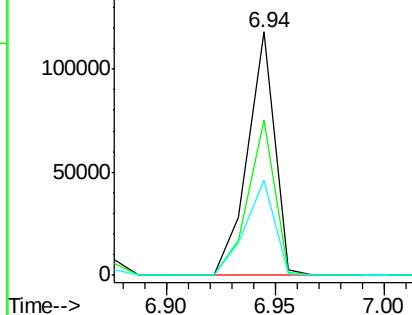
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.7	79.1
111	39.1	31.1	46.7

Manual Integrations
 APPROVED

apatel
 7/29/2015 10:41:23 AM

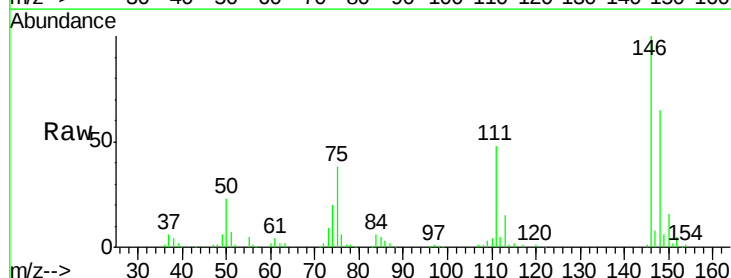


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

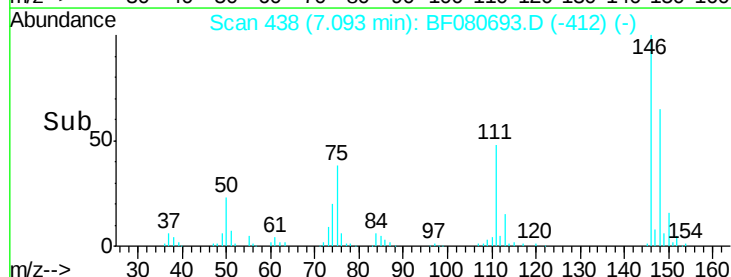
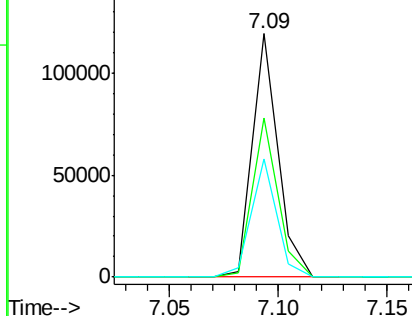


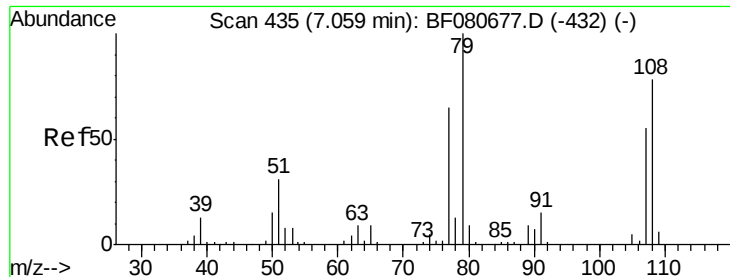
#14
 1,2-Dichlorobenzene
 Concen: 43.80 ng
 RT: 7.09 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: BF080693.D
 Acq: 28 Jul 2015 2:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.6	76.0
111	48.4	37.2	55.8



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.36 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3MS

Tot Ion: 79 Resp: 84902

Ion Ratio Lower Upper

79 100

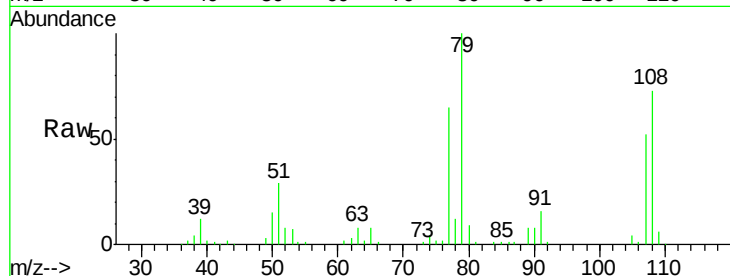
108 73.1 62.7 94.1

77 64.7 51.8 77.8

Manual Integrations
APPROVED

apatel

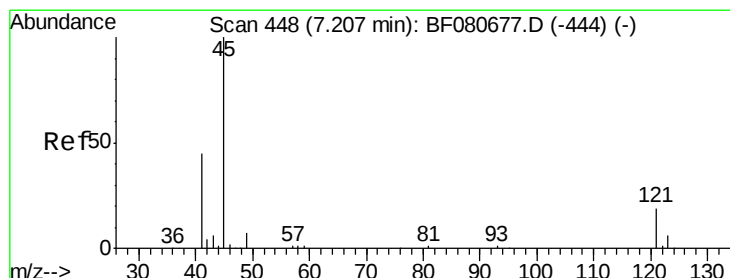
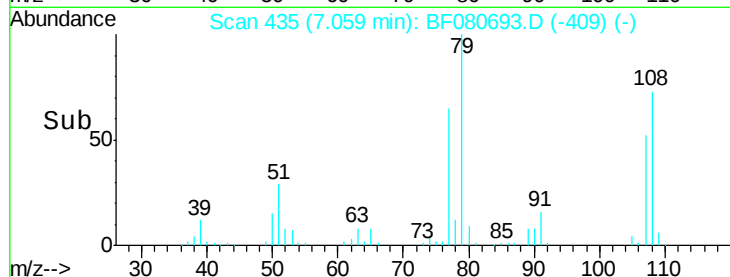
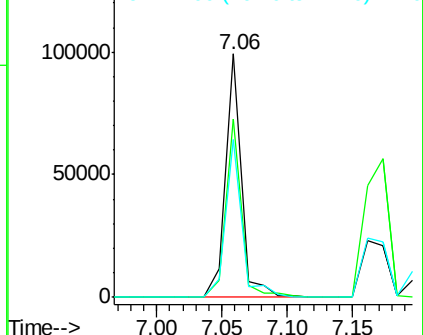
7/29/2015 10:41:23 AM



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.67 ng

RT: 7.21 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

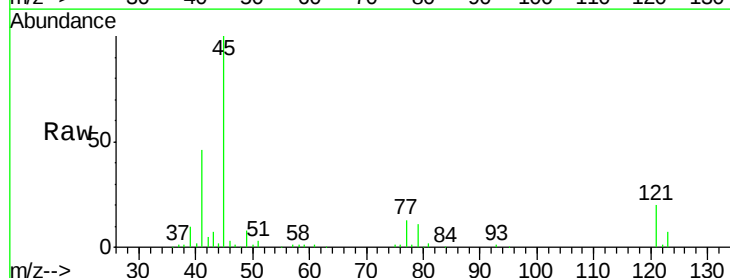
Tgt Ion: 45 Resp: 156300

Ion Ratio Lower Upper

45 100

77 12.7 0.0 33.4

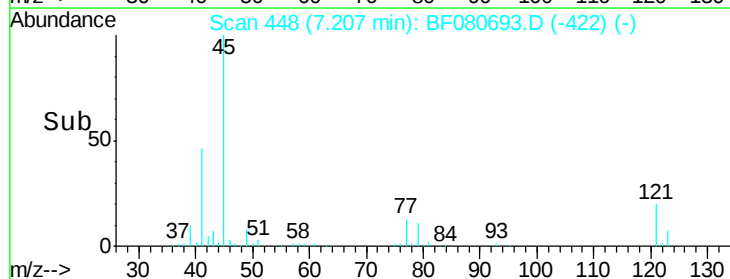
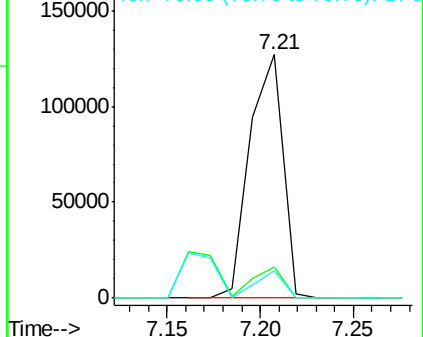
79 11.0 0.0 28.8

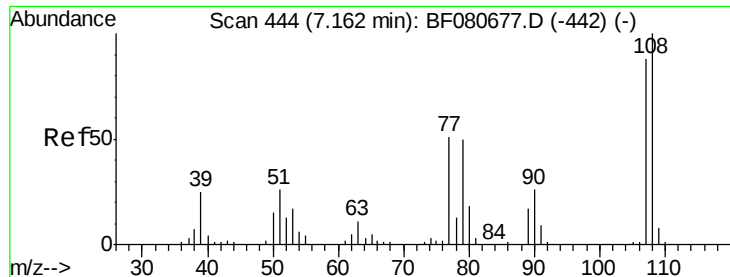


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 45.78 ng

RT: 7.17 min Scan# 445

Delta R.T. 0.01 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Instrument :

BNA_F

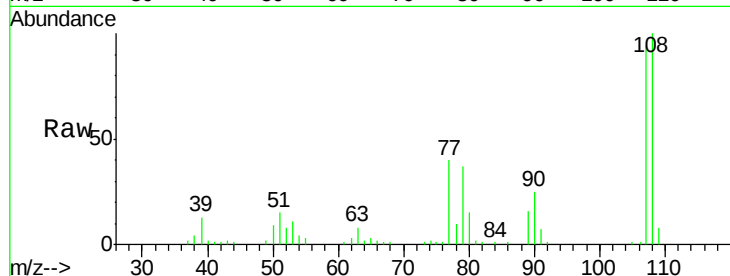
ClientSampleId :

DUMBO-EP-3MS

Tot Ion:	107	Resp:	63466
Ion Ratio	Lower	Upper	
107	100		
108	106.5	91.3	136.9
77	42.2	47.0	70.4#
79	39.3	45.6	68.4#

Manual Integrations
APPROVED

apatel
7/29/2015 10:41:23 AM

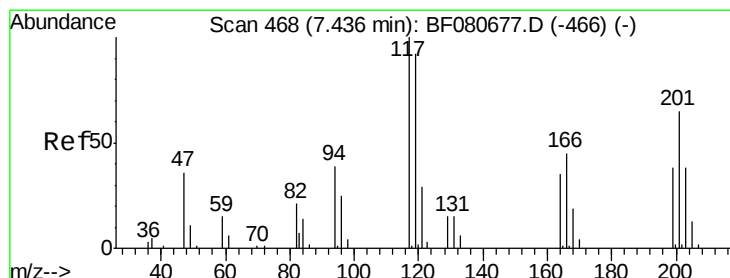
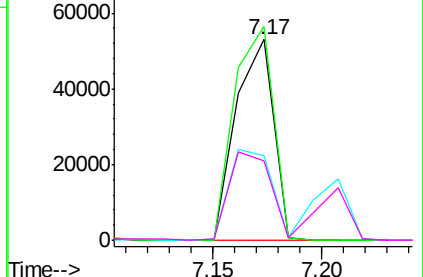
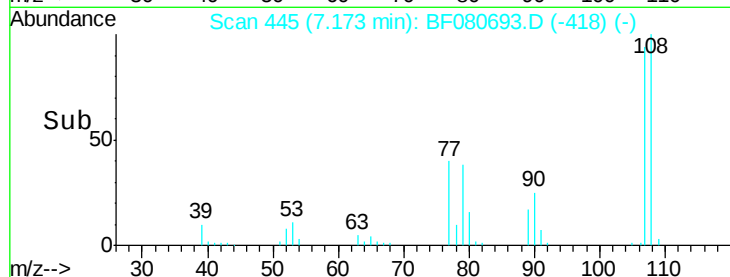


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 44.69 ng

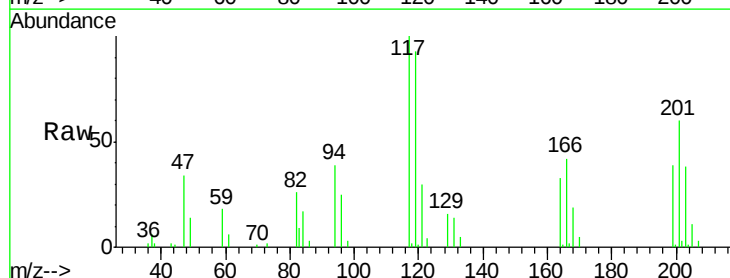
RT: 7.44 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

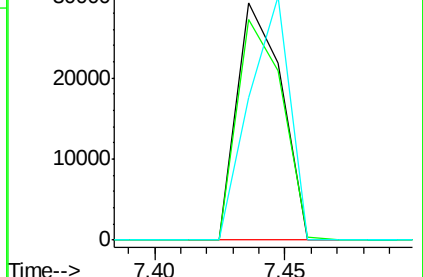
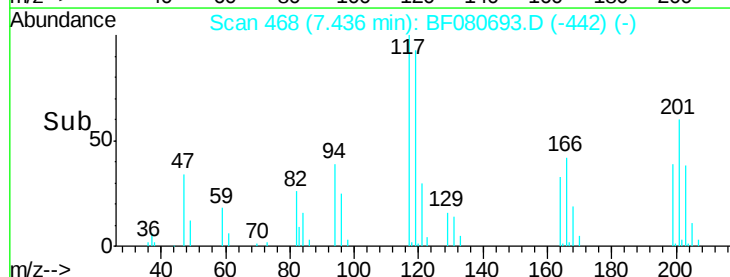
Tgt Ion:	117	Resp:	35102
Ion Ratio	Lower	Upper	
117	100		
119	93.2	73.6	110.4
201	59.8	52.2	78.2

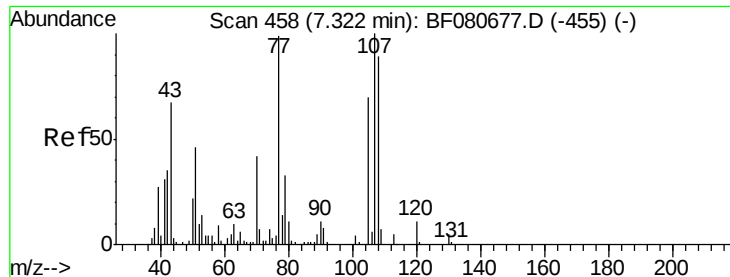


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





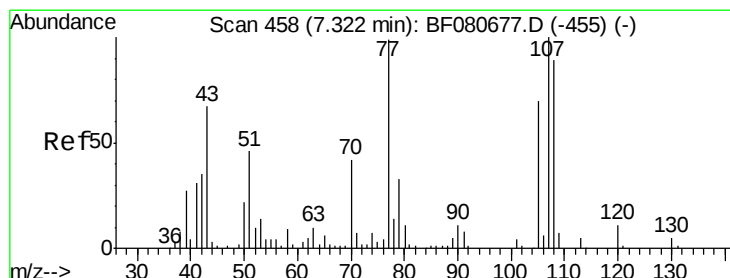
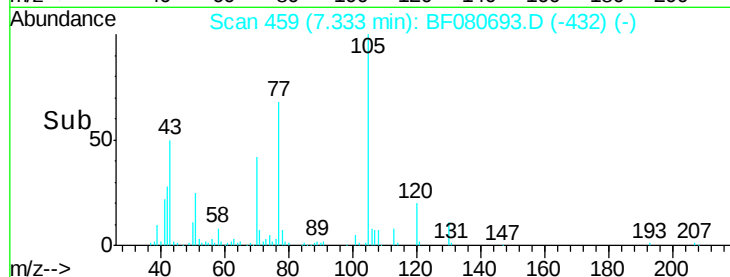
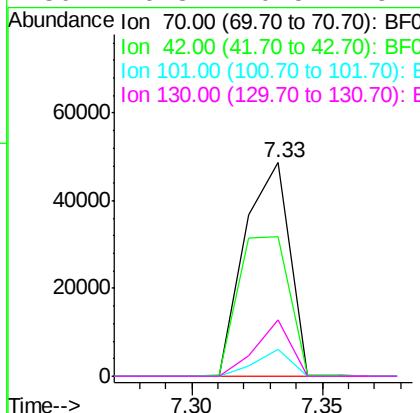
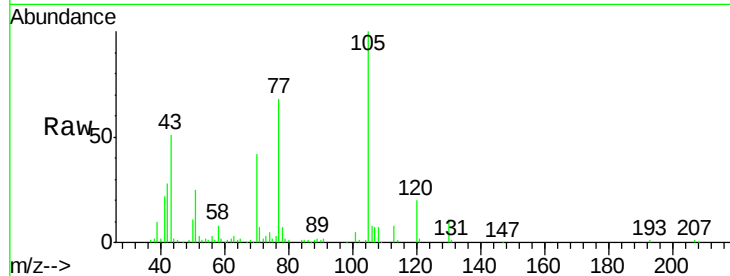
#19
n-Nitroso-di-n-propylamine
Concen: 46.38 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.01 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	65.2	67.4	101.2#	
101	12.5	7.3	10.9#	
130	26.3	10.5	15.7#	

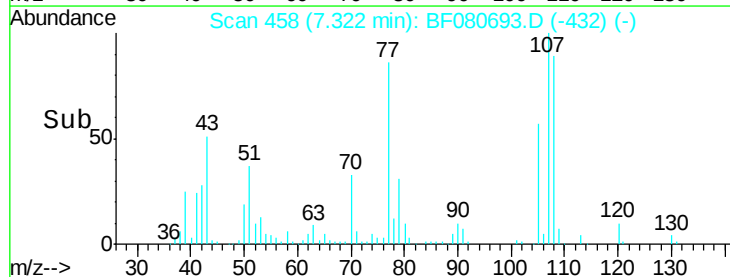
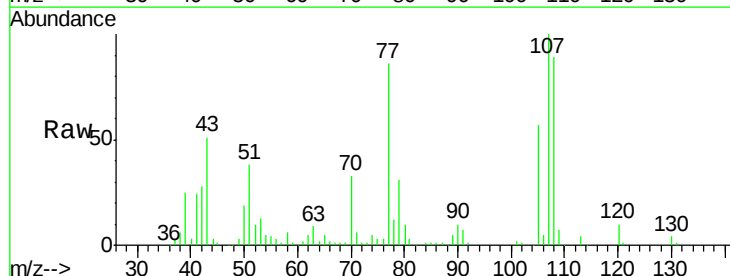
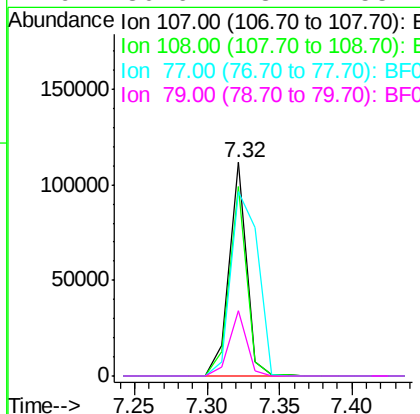
Manual Integrations
APPROVED

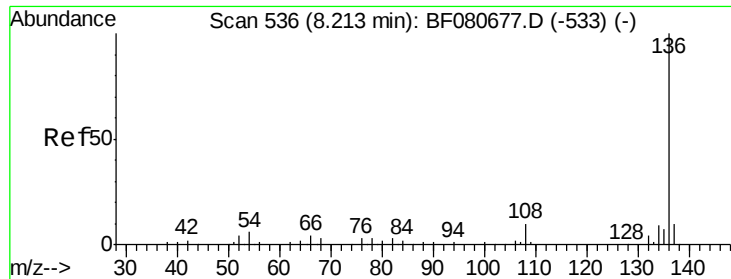
apatel
7/29/2015 10:41:23 AM



#20
3+4-Methylphenols
Concen: 49.54 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.5	68.7	108.7	
77	86.4	78.9	118.9	
79	30.6	13.1	53.1	





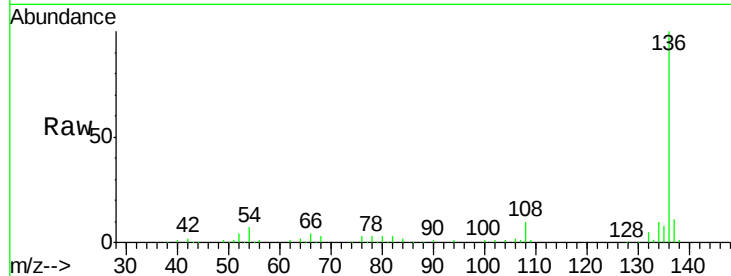
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MS

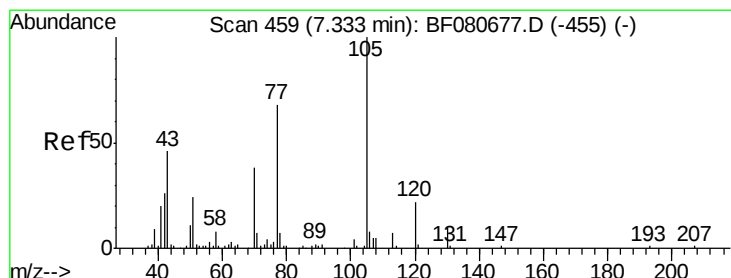
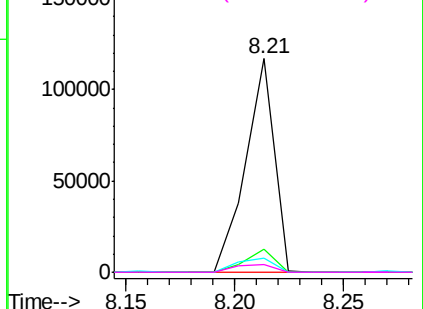
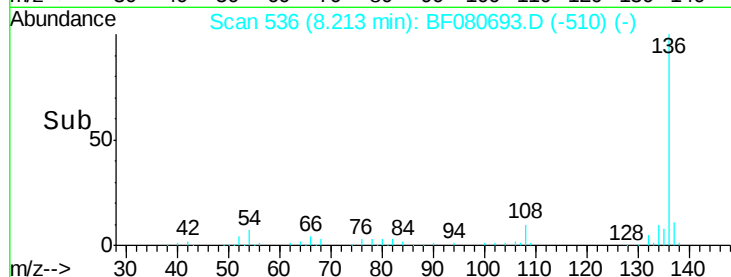
Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.6	8.2	12.2
54	6.5	5.0	7.4
68	3.4	2.7	4.1

Manual Integrations
APPROVED

apatel
7/29/2015 10:41:23 AM

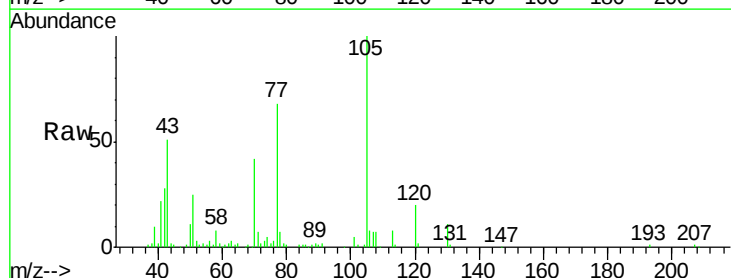


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

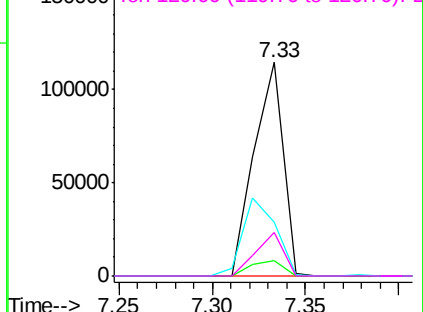
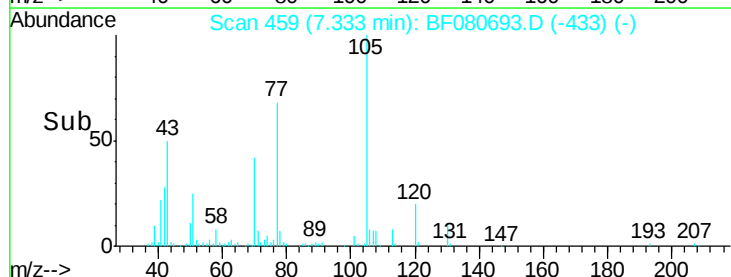


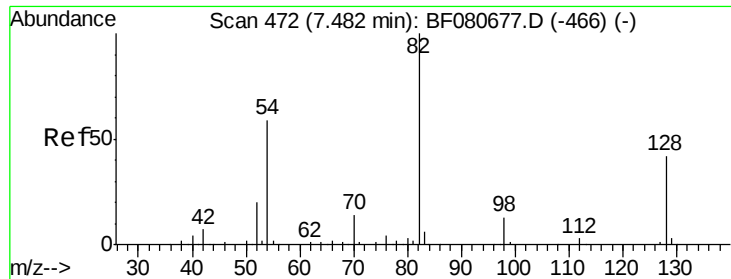
#22
Acetophenone
Concen: 44.95 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	7.5	5.4	8.2
51	25.0	19.6	29.4
120	20.2	17.4	26.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





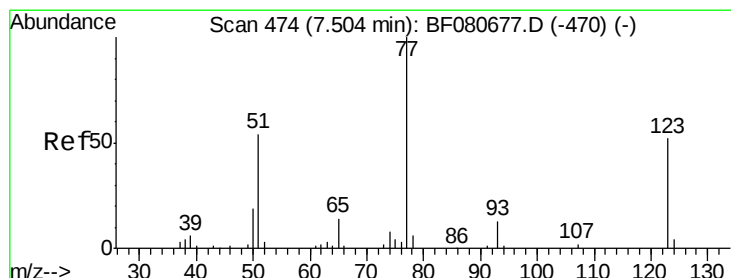
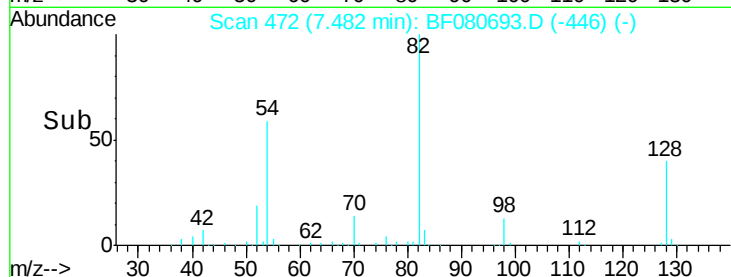
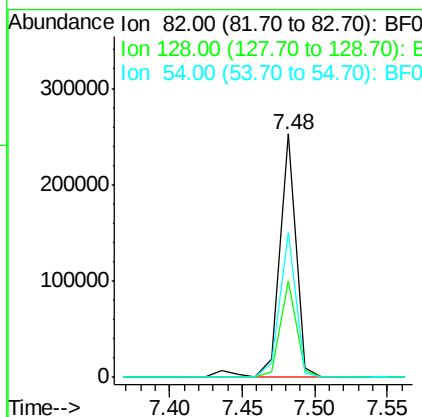
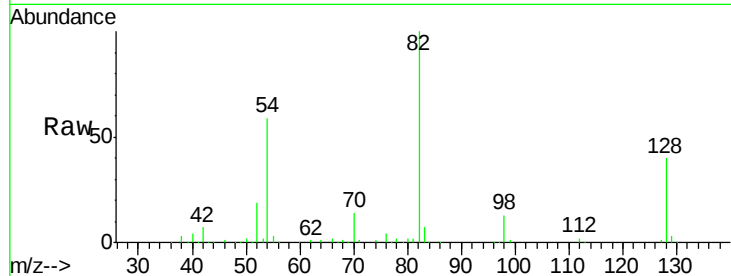
#23
 Nitrobenzene-d5
 Concen: 96.82 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF080693.D
 Acq: 28 Jul 2015 2:30

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	201048		
128	39.6	33.7	50.5	
54	59.4	47.3	70.9	

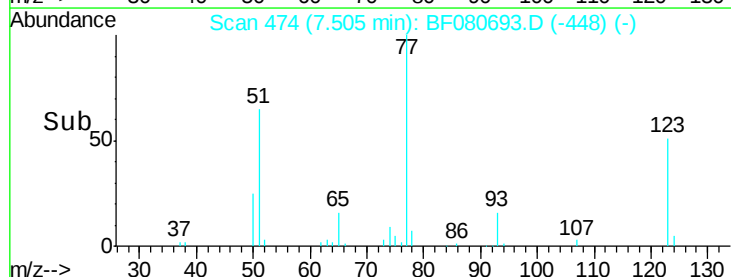
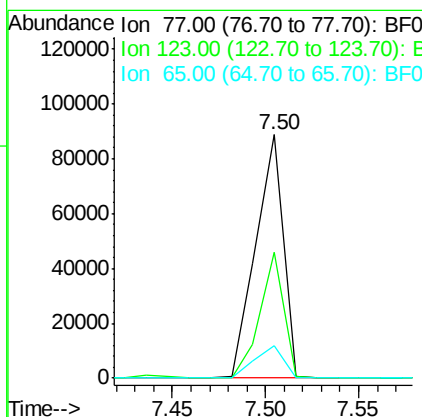
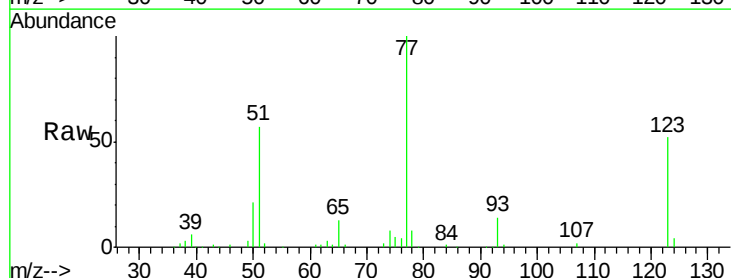
Manual Integrations
 APPROVED

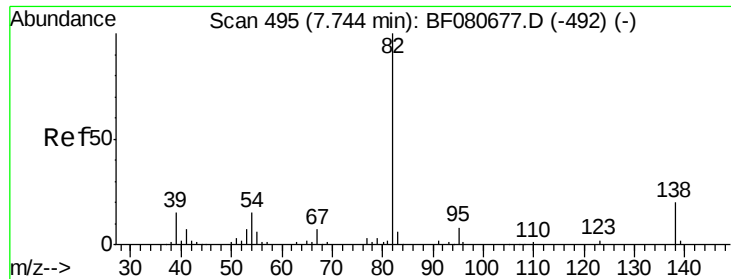
apatel
 7/29/2015 10:41:23 AM



#24
 Nitrobenzene
 Concen: 44.27 ng
 RT: 7.50 min Scan# 474
 Delta R.T. 0.00 min
 Lab File: BF080693.D
 Acq: 28 Jul 2015 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	90657		
123	51.9	41.8	62.8	
65	13.2	10.8	16.2	





#25

Isophorone

Concen: 47.68 ng

RT: 7.74 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Instrument :

BNA_F

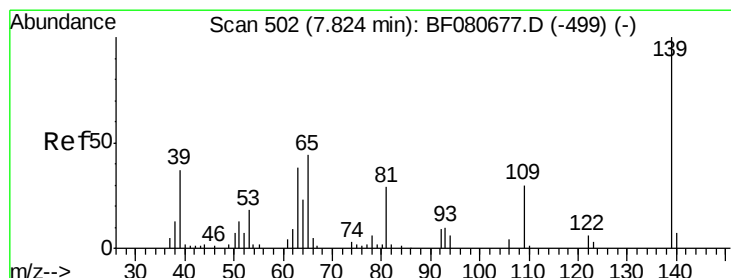
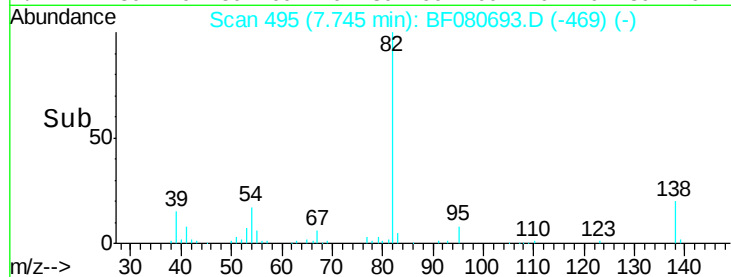
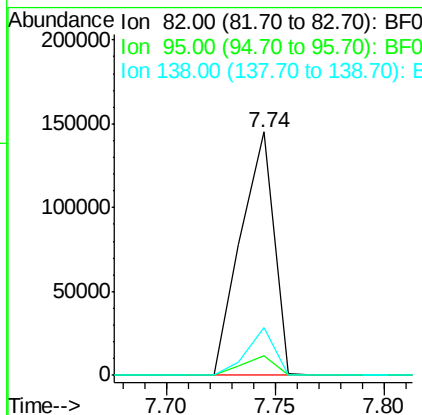
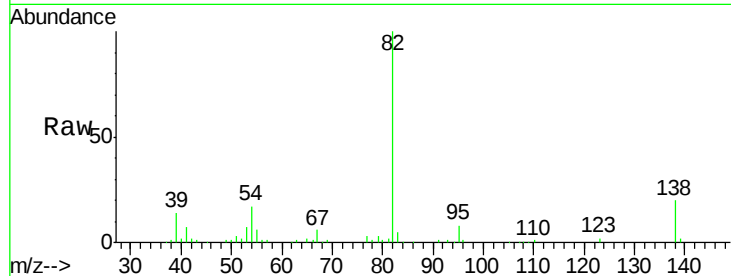
ClientSampleId :

DUMBO-EP-3MS

Tot Ion:	82	Resp:	154133
Ion Ratio		Lower	Upper
82	100		
95	7.9	6.2	9.2
138	19.5	15.8	23.6

Manual Integrations
APPROVED

apatel
7/29/2015 10:41:23 AM



#26

2-Nitrophenol

Concen: 47.77 ng

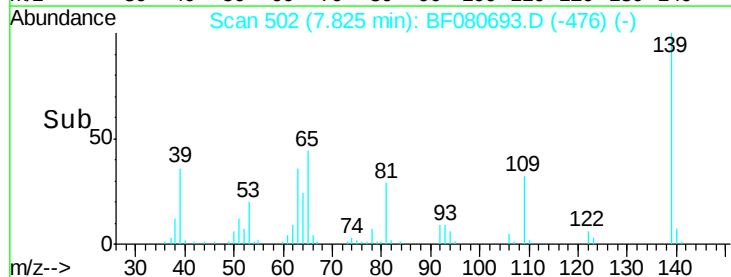
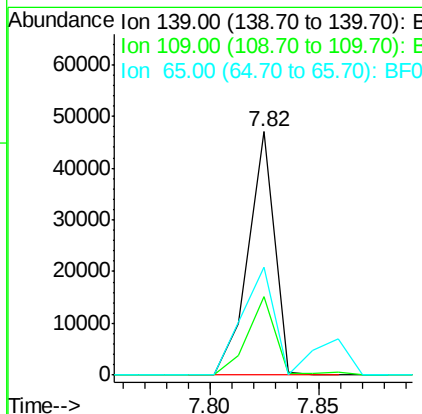
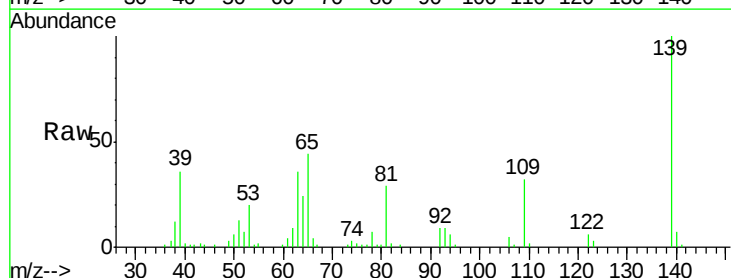
RT: 7.82 min Scan# 502

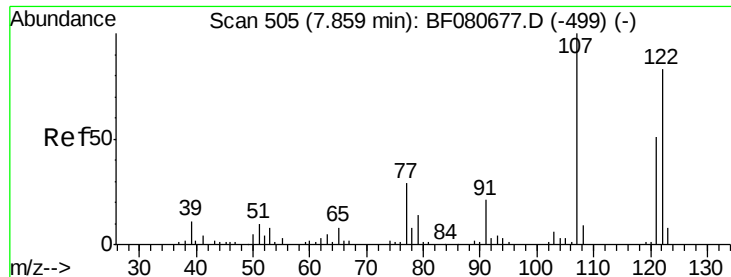
Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Tgt Ion:	139	Resp:	39469
Ion Ratio		Lower	Upper
139	100		
109	32.2	24.2	36.2
65	44.2	35.0	52.6





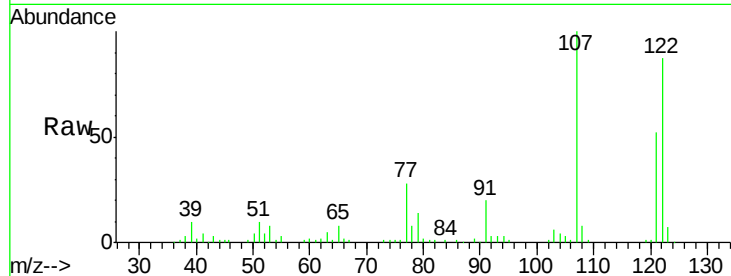
#27
 2,4-Dimethylphenol
 Concen: 47.39 ng
 RT: 7.86 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF080693.D
 Acq: 28 Jul 2015 2:30

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3MS

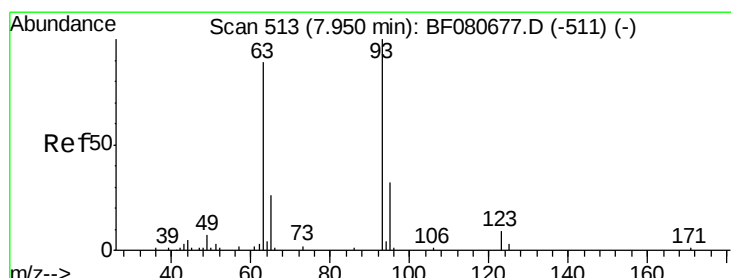
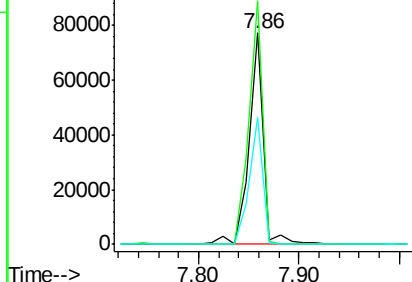
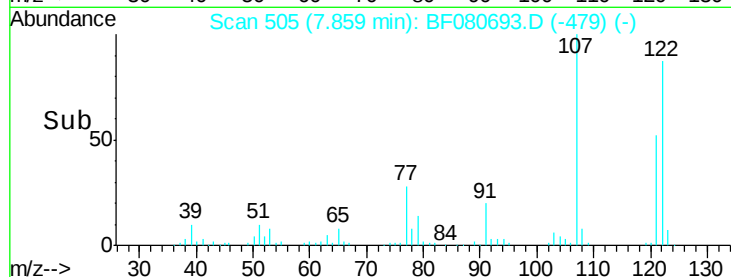
Tot Ion	Ratio	Lower	Upper
122	100		
107	115.3	95.8	143.8
121	60.2	49.0	73.4

Manual Integrations
 APPROVED

apatel
 7/29/2015 10:41:23 AM

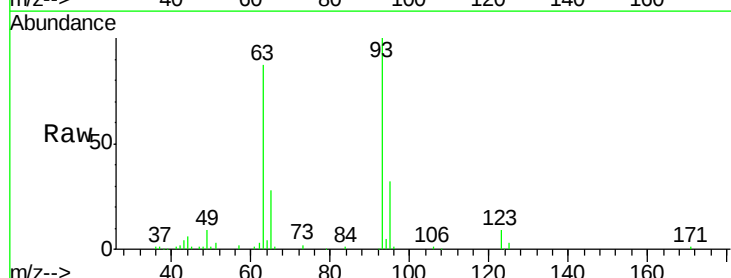


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

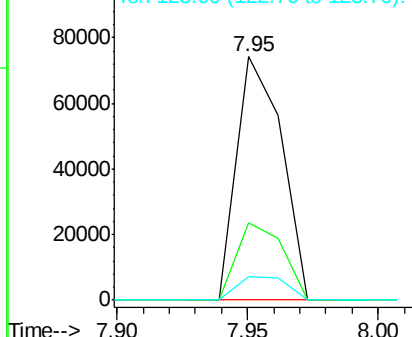
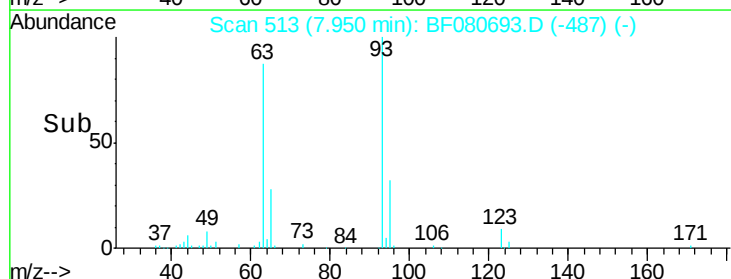


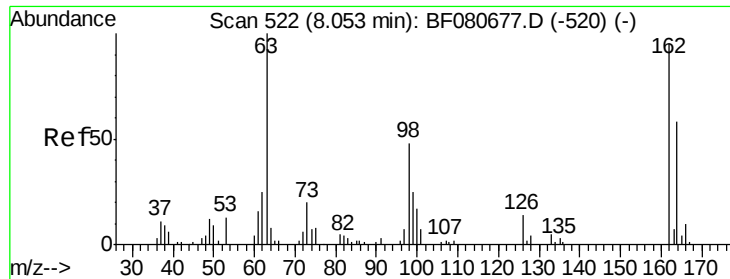
#28
 bis(2-Chloroethoxy)methane
 Concen: 47.18 ng
 RT: 7.95 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF080693.D
 Acq: 28 Jul 2015 2:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.3	37.9
123	9.5	7.0	10.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E





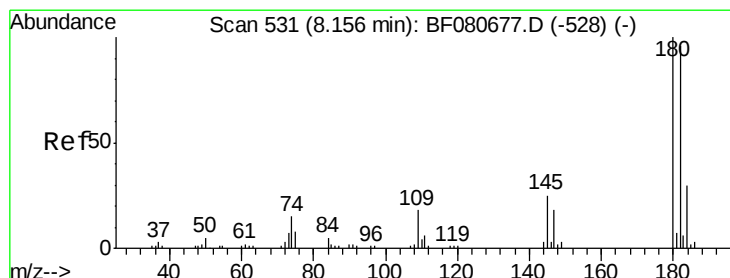
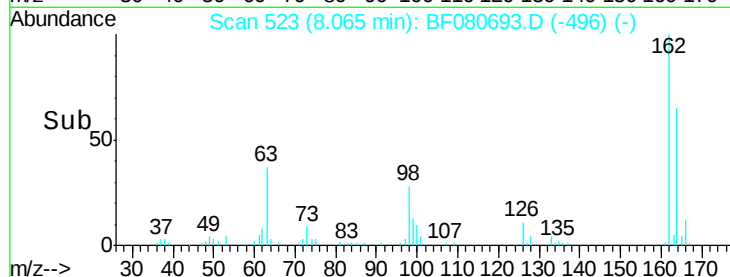
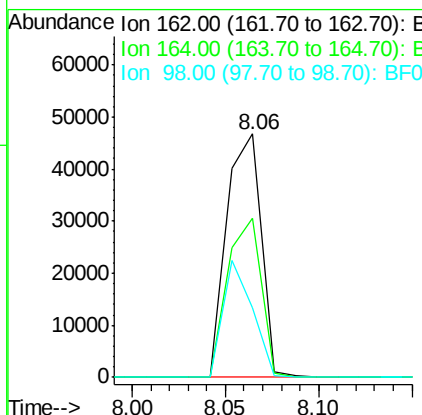
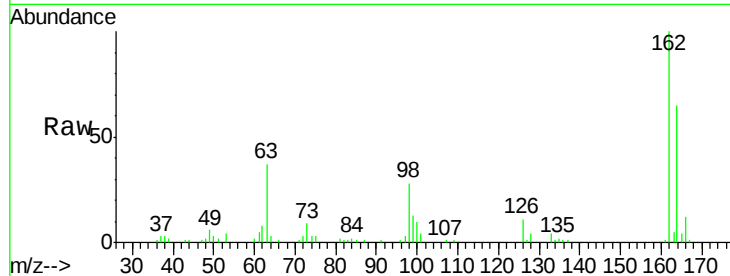
#29
 2,4-Dichlorophenol
 Concen: 45.16 ng
 RT: 8.06 min Scan# 523
 Delta R.T. 0.01 min
 Lab File: BF080693.D
 Acq: 28 Jul 2015 2:30

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.4	41.2	81.2
98	28.3	30.4	70.4

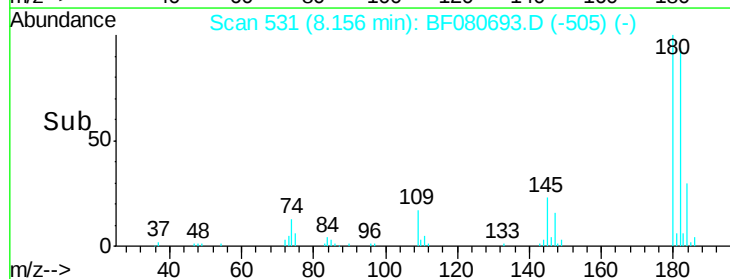
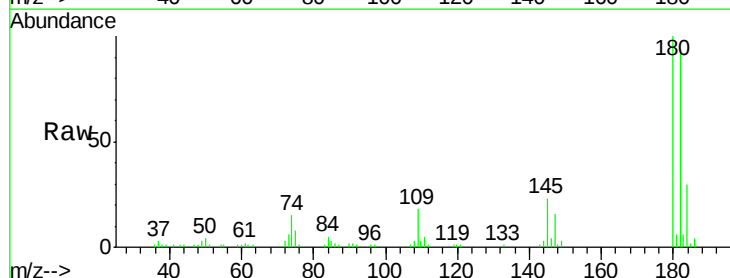
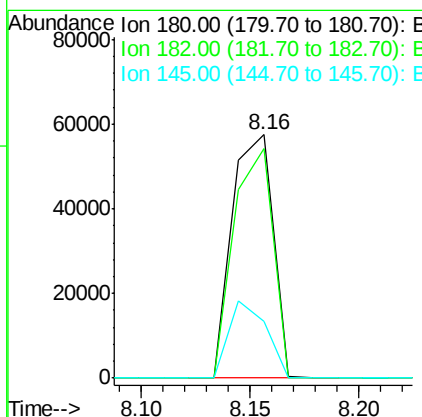
Manual Integrations
 APPROVED

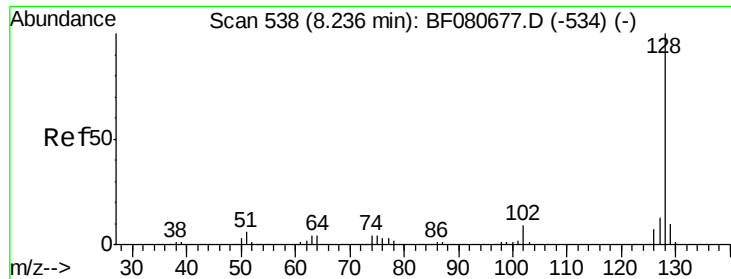
apatel
 7/29/2015 10:41:23 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 43.83 ng
 RT: 8.16 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: BF080693.D
 Acq: 28 Jul 2015 2:30

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.1	77.1	115.7
145	23.3	20.0	30.0





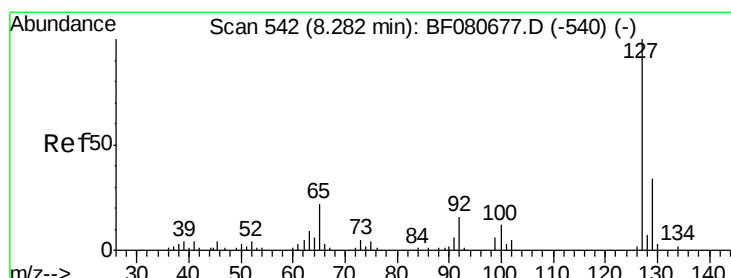
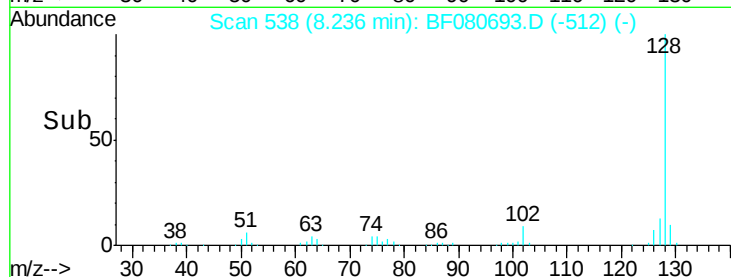
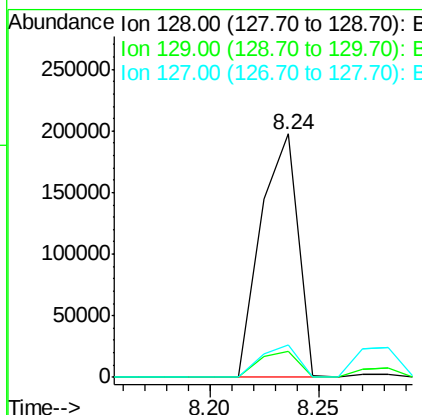
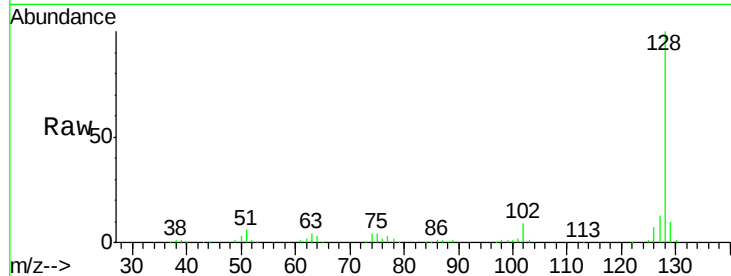
#31
Naphthalene
Concen: 45.01 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	236195		
129	10.4	8.3	12.5	
127	13.2	10.5	15.7	

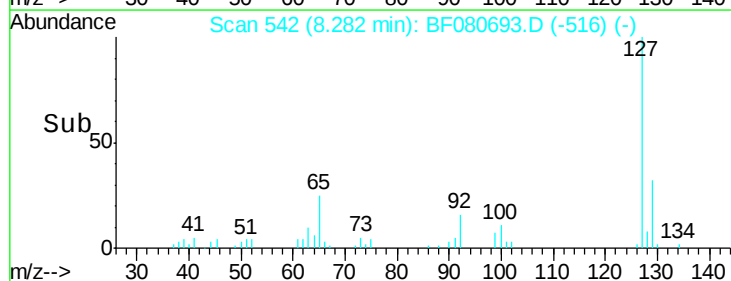
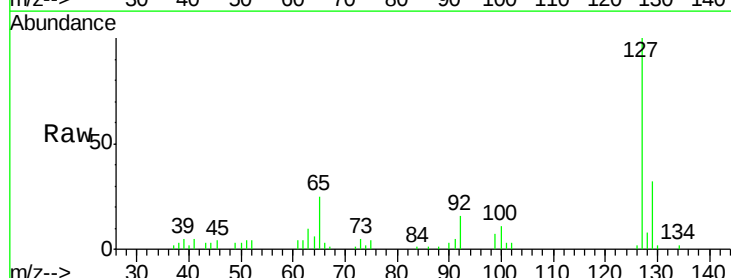
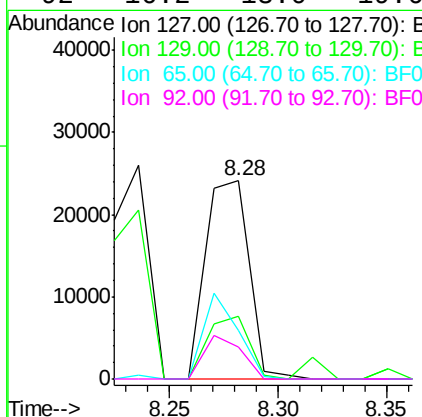
Manual Integrations
APPROVED

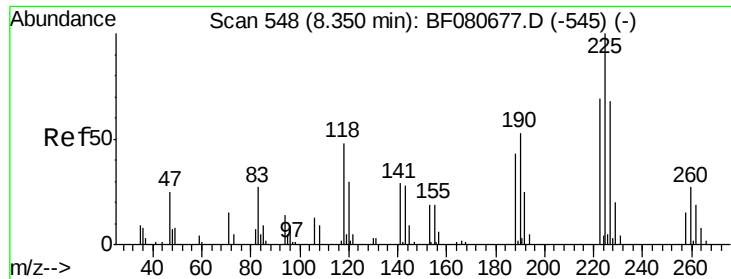
apatel
7/29/2015 10:41:23 AM



#33
4-Chloroaniline
Concen: 17.68 ng
RT: 8.28 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	33409		
129	32.0	26.8	40.2	
65	24.6	17.6	26.4	
92	16.2	13.0	19.6	





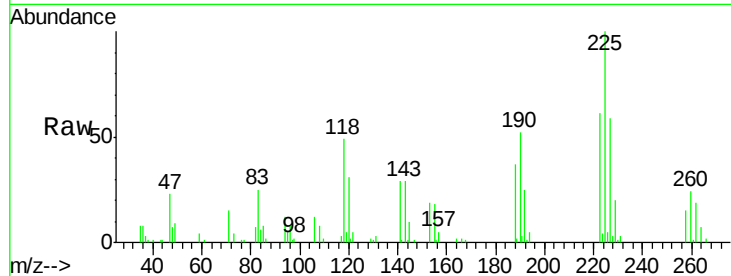
#34
Hexachlorobutadiene
Concen: 43.68 ng
RT: 8.35 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MS

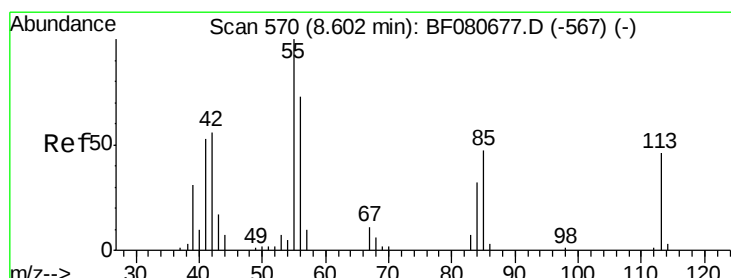
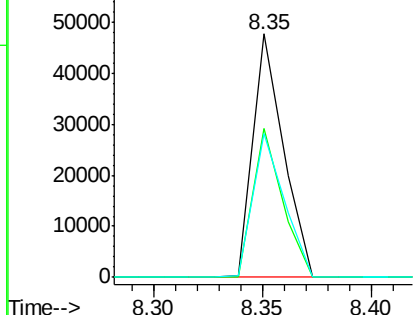
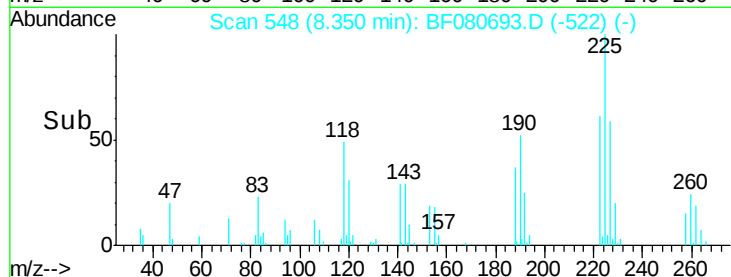
Tot Ion	Ratio	Resp	Lower	Upper
225	100	46636		
223	61.0		55.0	82.6
227	59.2		54.0	81.0

Manual Integrations
APPROVED

apatel
7/29/2015 10:41:23 AM

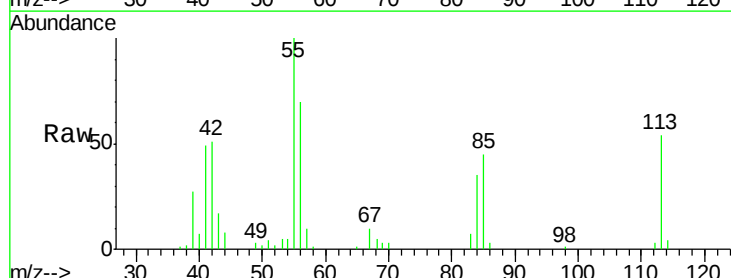


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

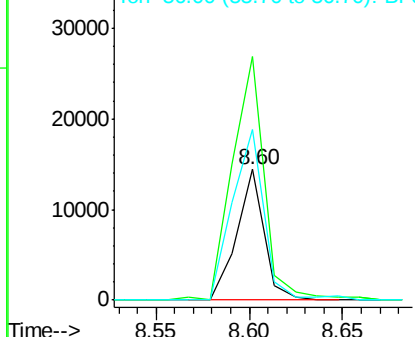
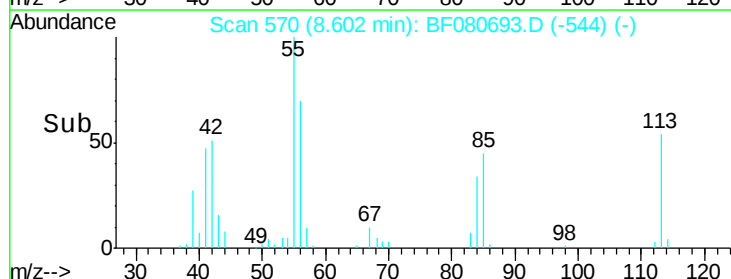


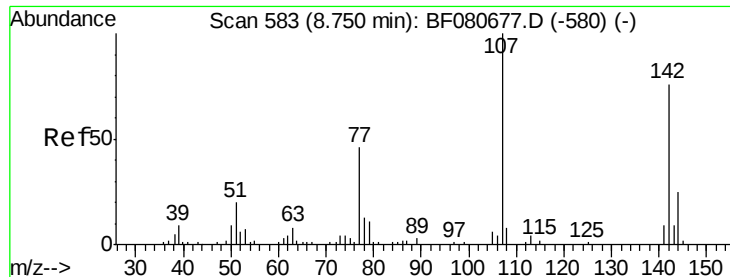
#35
Caprolactam
Concen: 53.90 ng
RT: 8.60 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	14719		
55	186.6		198.5	238.5#
56	130.7		139.5	179.5#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





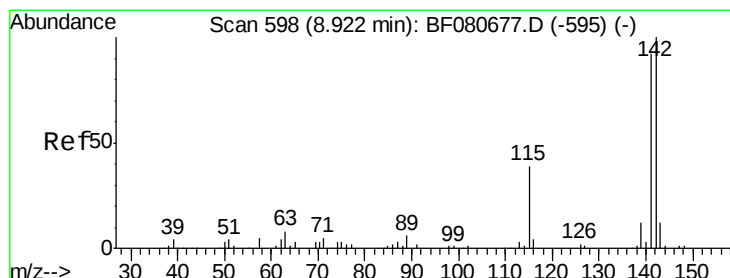
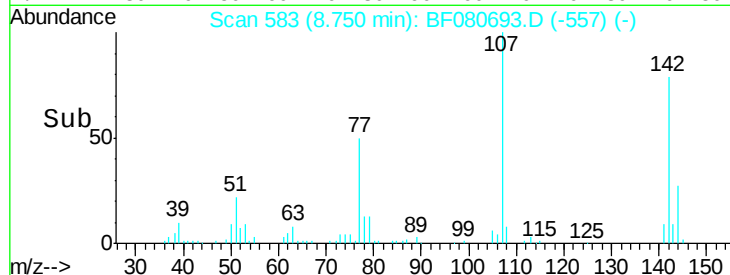
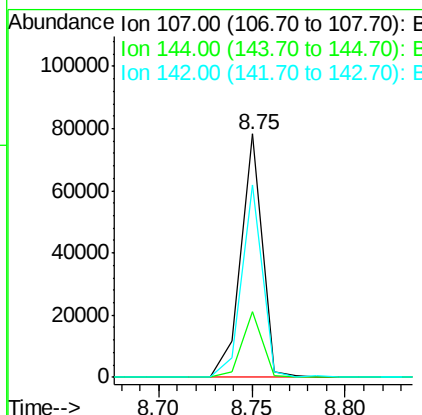
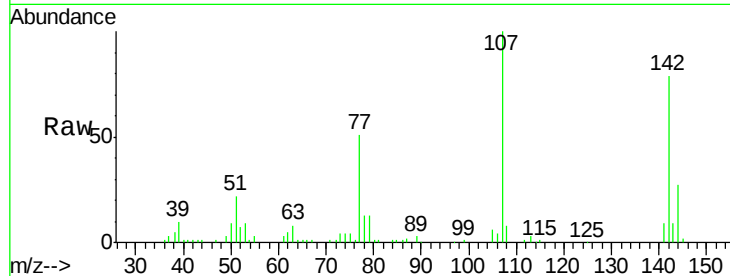
#36
 4-Chloro-3-methylphenol
 Concen: 46.52 ng
 RT: 8.75 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: BF080693.D
 Acq: 28 Jul 2015 2:30

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3MS

Tot Ion	Ratio	Lower	Upper
107	100		
144	27.1	20.0	30.0
142	78.9	61.0	91.6

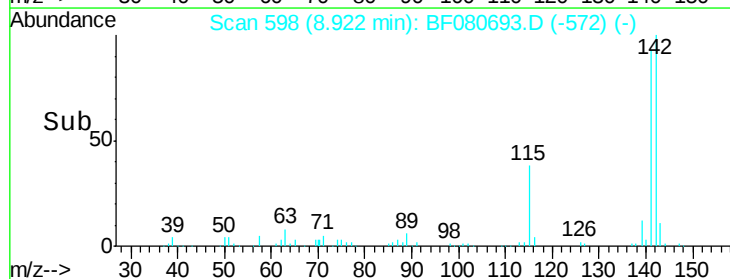
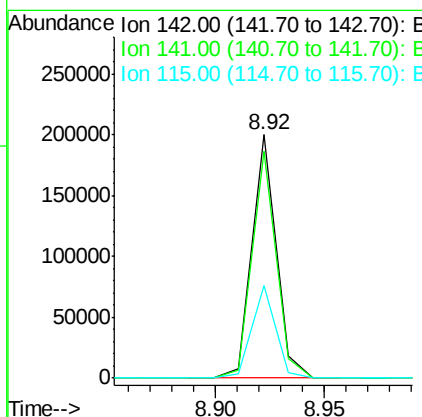
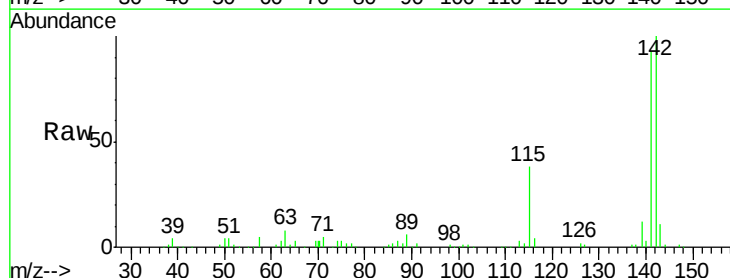
Manual Integrations
 APPROVED

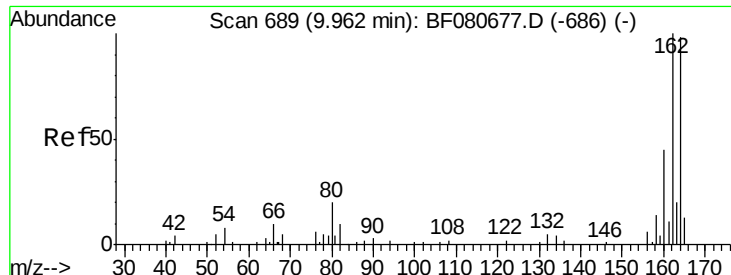
apatel
 7/29/2015 10:41:23 AM



#37
 2-Methylnaphthalene
 Concen: 46.31 ng
 RT: 8.92 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF080693.D
 Acq: 28 Jul 2015 2:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.4	110.0
115	38.0	31.0	46.4





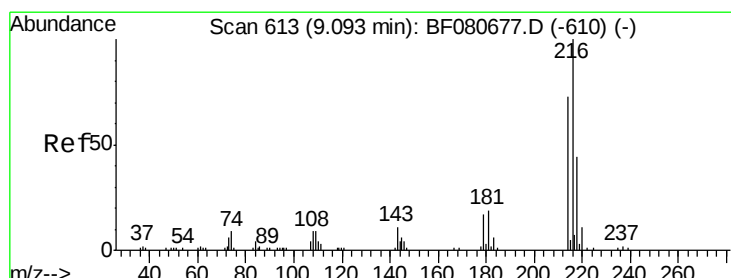
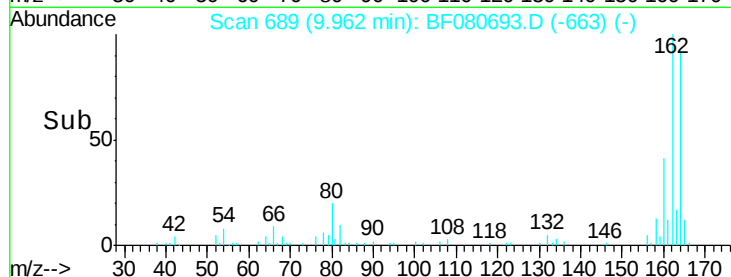
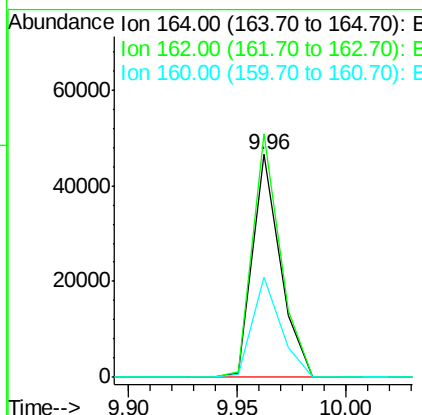
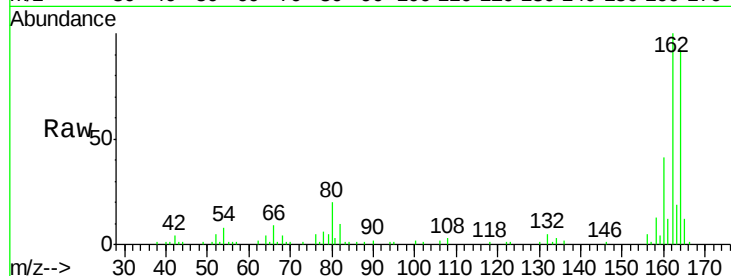
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	109.1	82.0	123.0
160	44.9	36.7	55.1

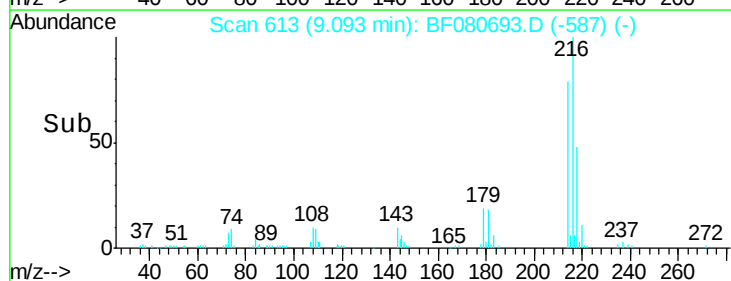
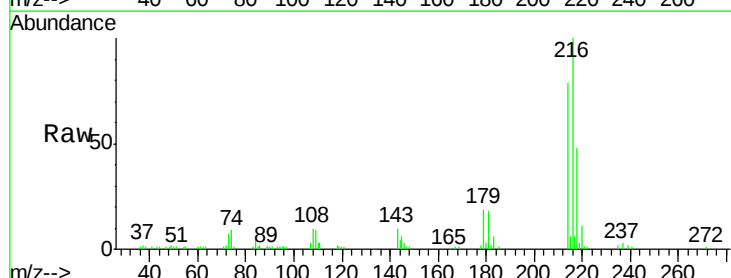
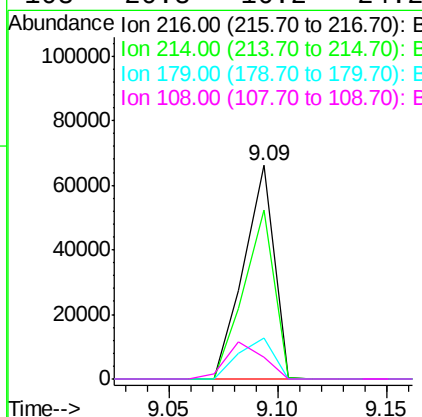
Manual Integrations
APPROVED

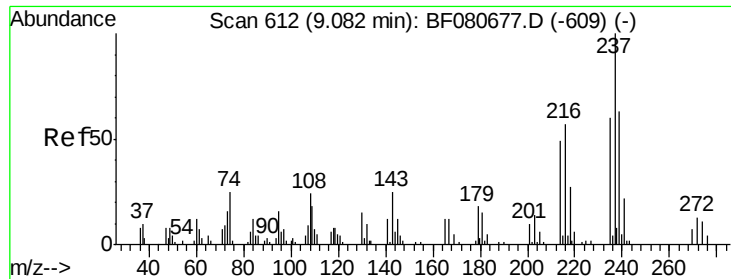
apatel
7/29/2015 10:41:23 AM



#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.19 ng
RT: 9.09 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	61.6	92.4
179	22.0	17.4	26.0
108	20.8	16.2	24.2





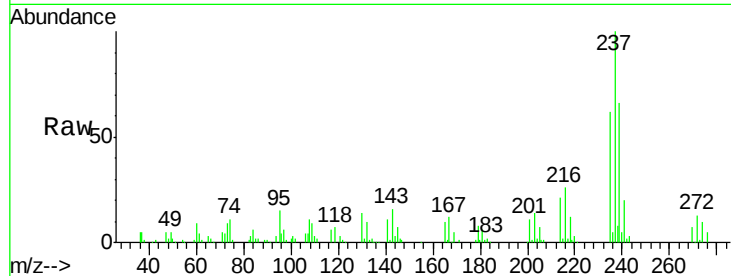
#40
Hexachlorocyclopentadiene
Concen: 83.71 ng
RT: 9.08 min Scan# 612
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MS

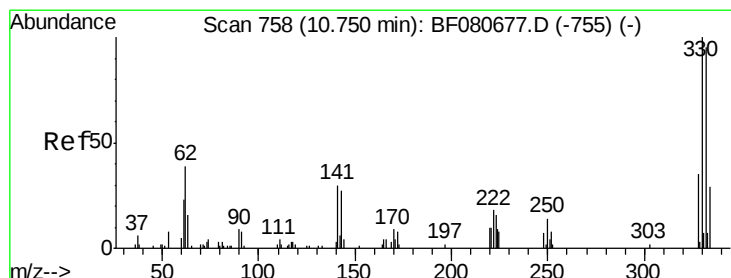
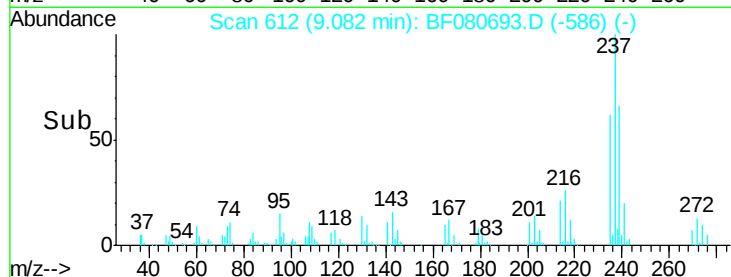
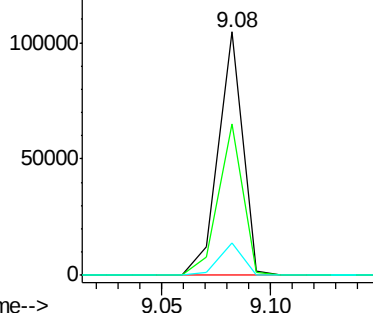
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.1	40.5	80.5
272	13.1	0.0	33.5

Manual Integrations
APPROVED

apatel
7/29/2015 10:41:23 AM

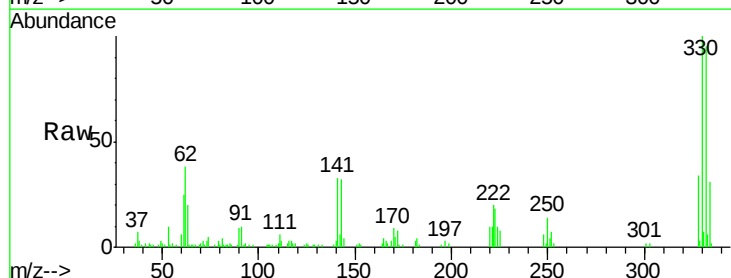


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

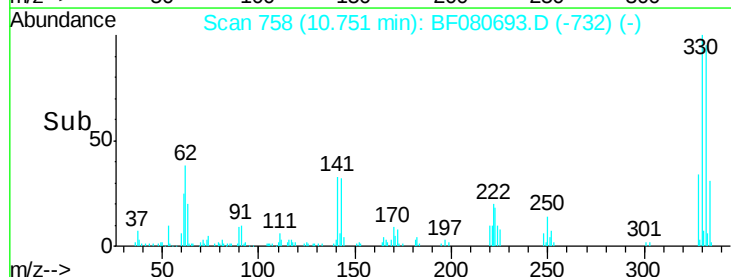
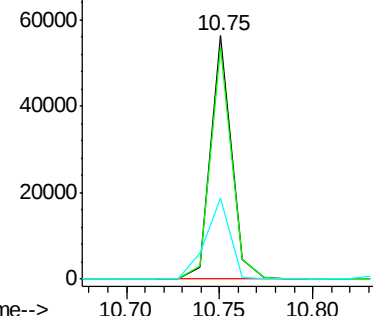


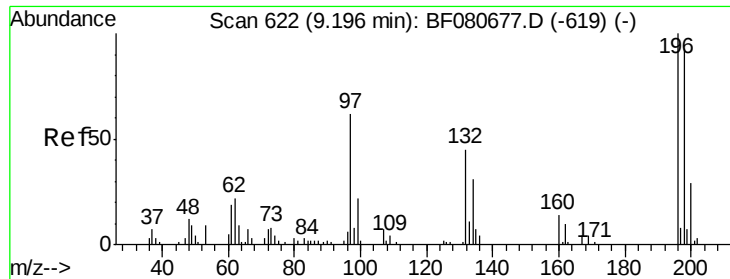
#41
2,4,6-Tribromophenol
Concen: 121.10 ng
RT: 10.75 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.5	76.9	115.3
141	39.0	30.6	45.8



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





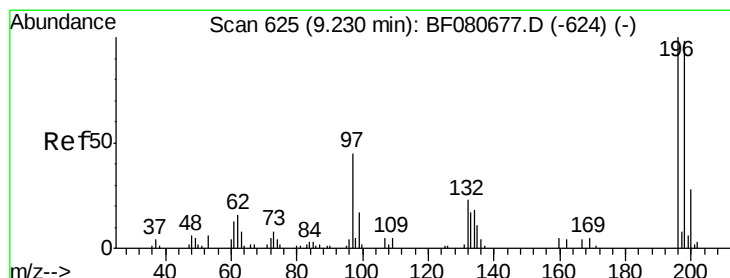
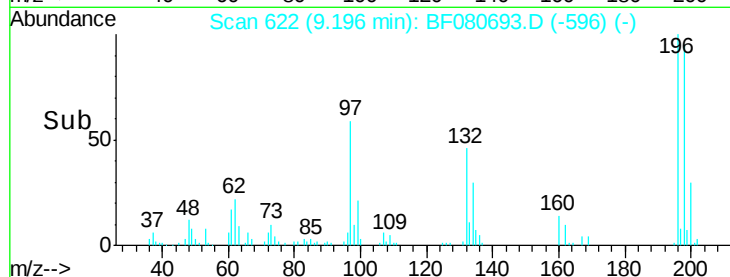
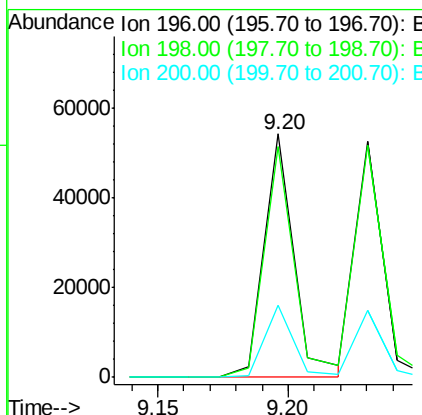
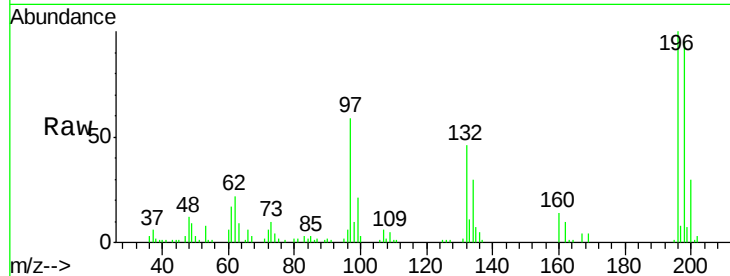
#42
 2,4,6-Trichlorophenol
 Concen: 43.10 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF080693.D
 Acq: 28 Jul 2015 2:30

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	43380		
198	94.8	74.4	111.6	
200	29.8	23.6	35.4	

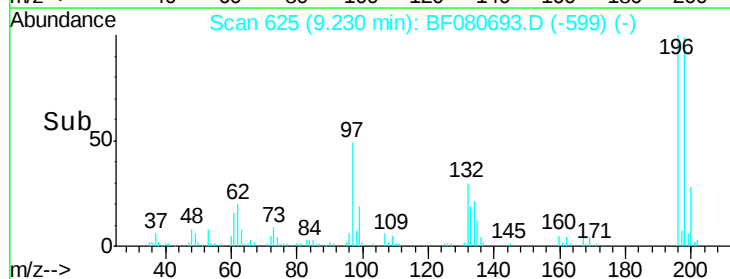
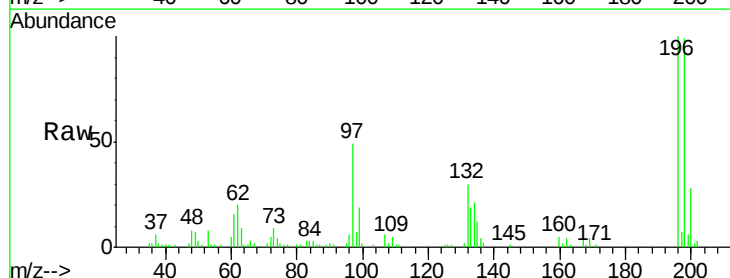
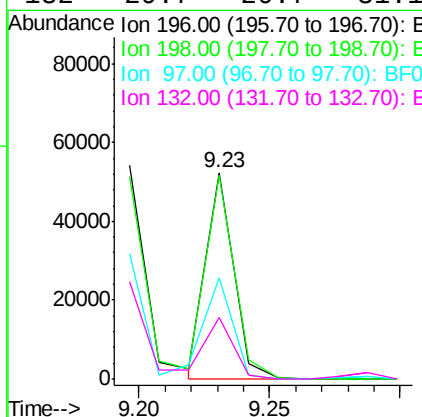
Manual Integrations
 APPROVED

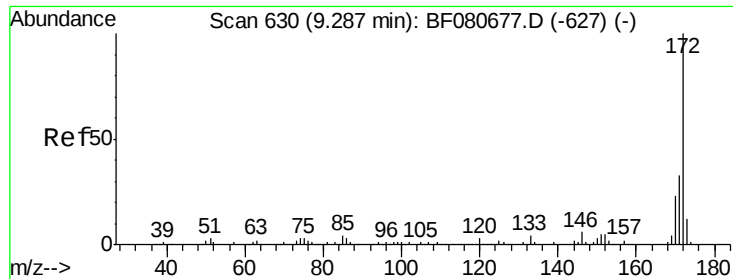
apatel
 7/29/2015 10:41:23 AM



#43
 2,4,5-Trichlorophenol
 Concen: 41.79 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF080693.D
 Acq: 28 Jul 2015 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	38883		
198	98.6	77.3	115.9	
97	49.1	39.6	59.4	
132	29.7	20.7	31.1	





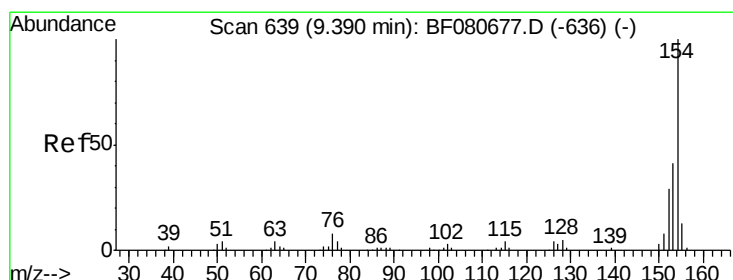
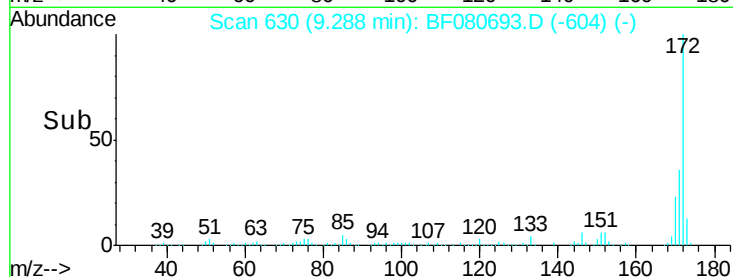
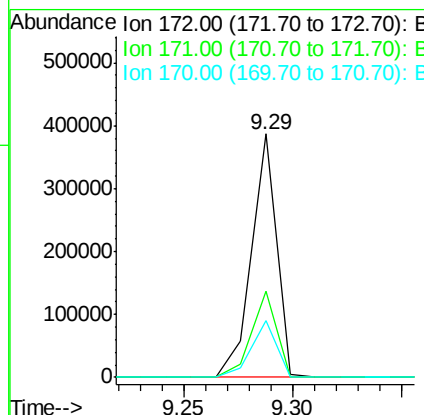
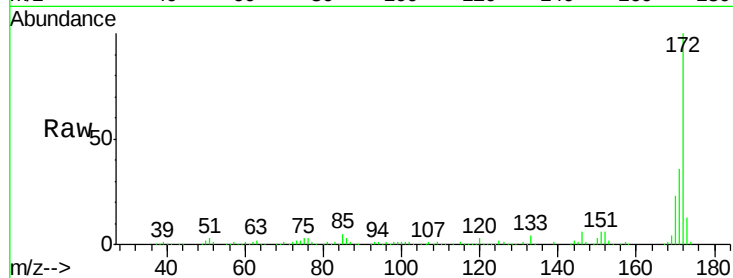
#44
2-Fluorobiphenyl
Concen: 93.72 ng
RT: 9.29 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	308133		
171	35.6	26.6	39.8	
170	23.1	18.6	28.0	

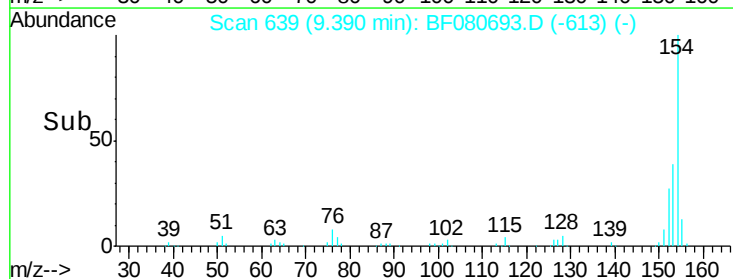
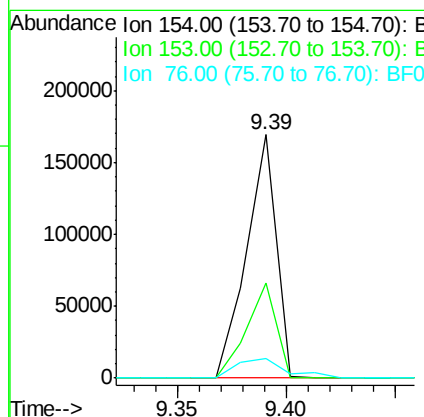
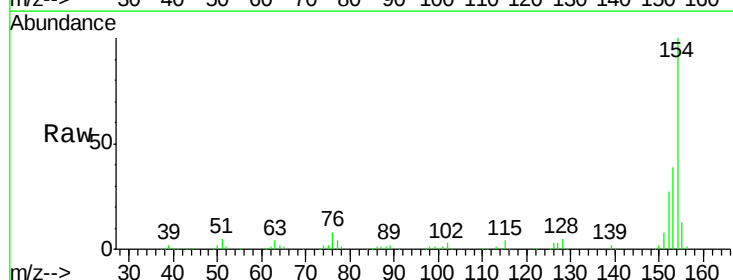
Manual Integrations
APPROVED

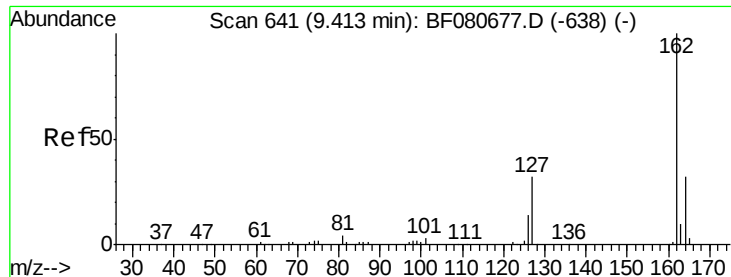
apatel
7/29/2015 10:41:23 AM



#45
1,1'-Biphenyl
Concen: 45.93 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	159827		
153	38.9	21.1	61.1	
76	7.9	0.0	28.0	





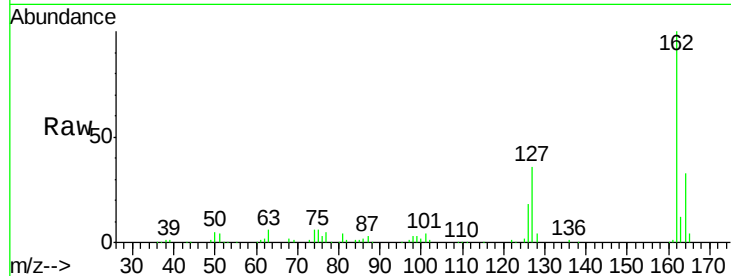
#46
2-Chloronaphthalene
Concen: 43.33 ng
RT: 9.41 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MS

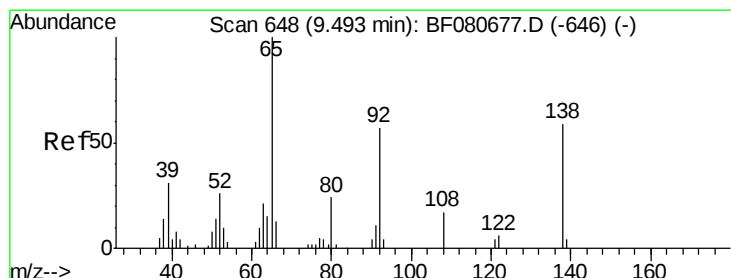
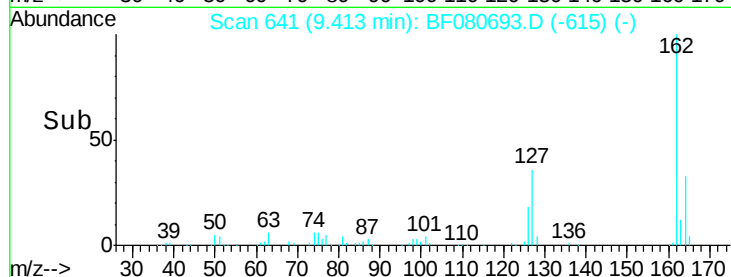
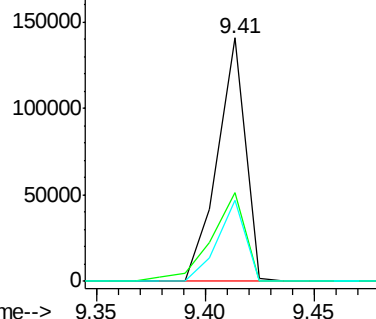
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		126125		
127	36.3		27.2	40.8	
164	33.1		25.8	38.6	

Manual Integrations
APPROVED

apatel
7/29/2015 10:41:23 AM

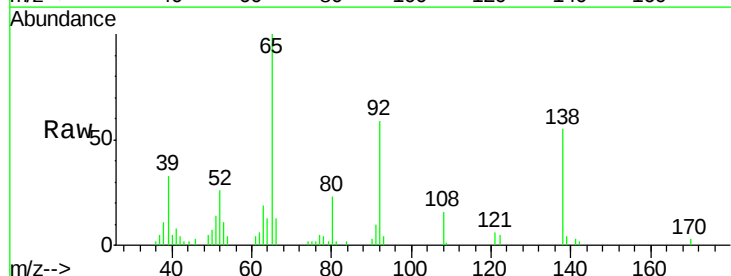


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

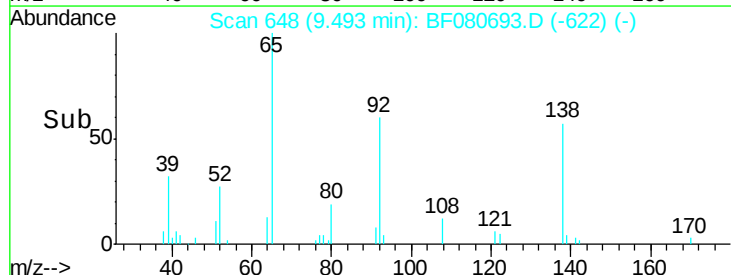
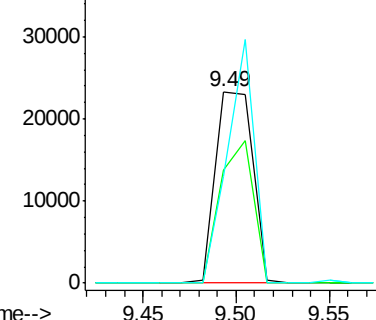


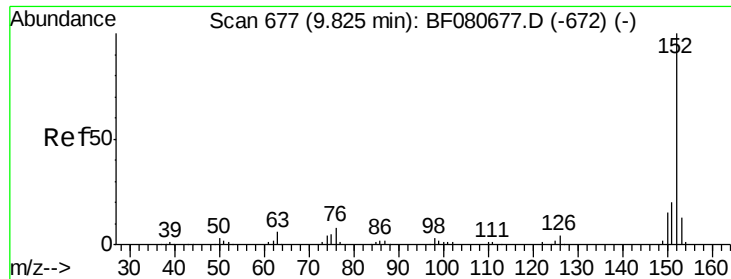
#47
2-Nitroaniline
Concen: 47.00 ng
RT: 9.49 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		32196		
92	58.9		45.9	68.9	
138	55.5		47.0	70.4	



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





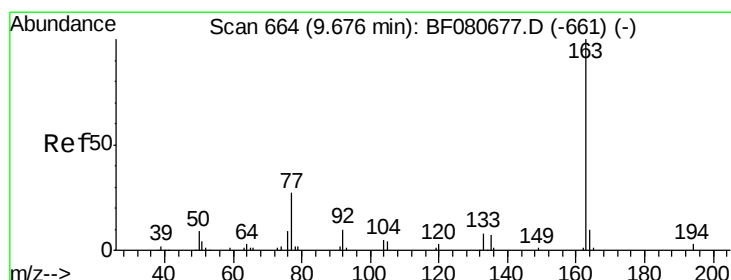
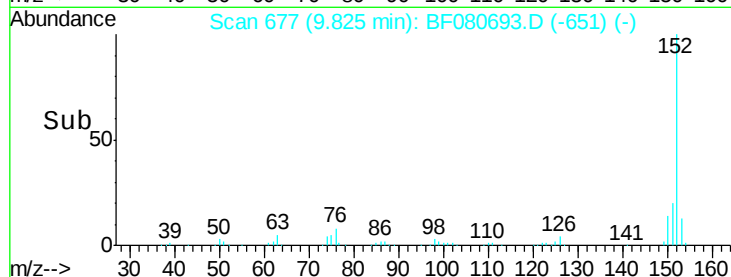
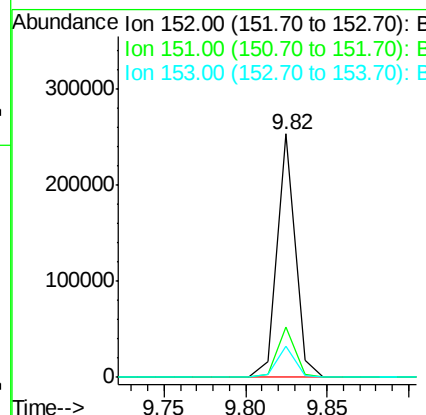
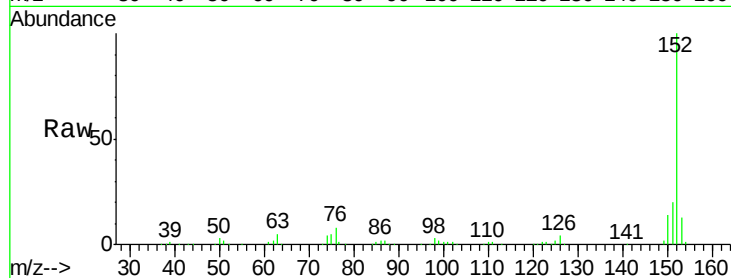
#48
Acenaphthylene
Concen: 43.15 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MS

Tot Ion	Ratio	Resp Lower	Upper
152	100		
151	20.5	15.7	23.5
153	13.0	10.2	15.4

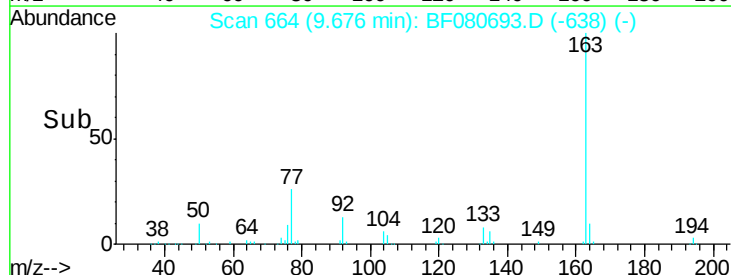
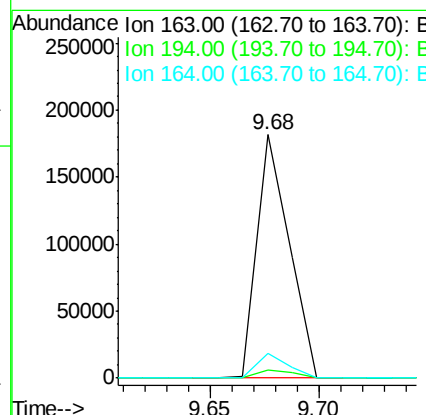
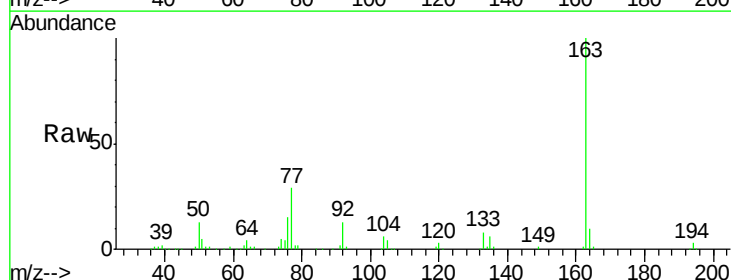
Manual Integrations
APPROVED

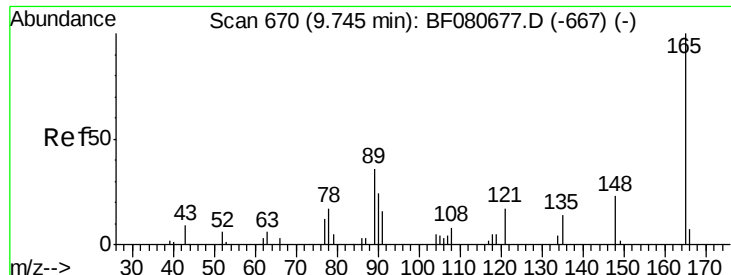
apatel
7/29/2015 10:41:23 AM



#49
Dimethylphthalate
Concen: 69.42 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	3.2	2.4	3.6
164	10.4	8.1	12.1





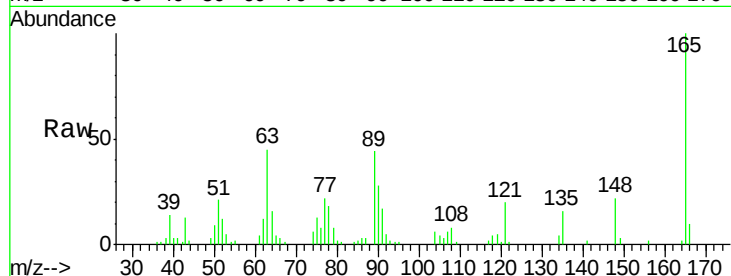
#50
2,6-Dinitrotoluene
Concen: 46.32 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MS

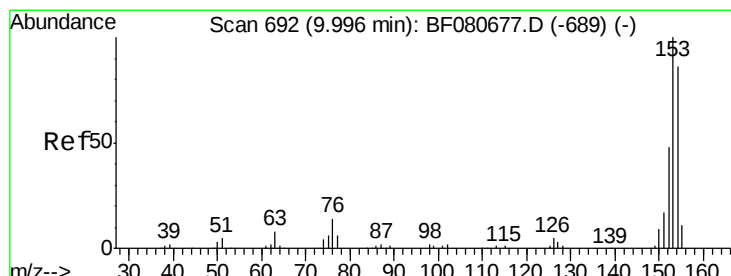
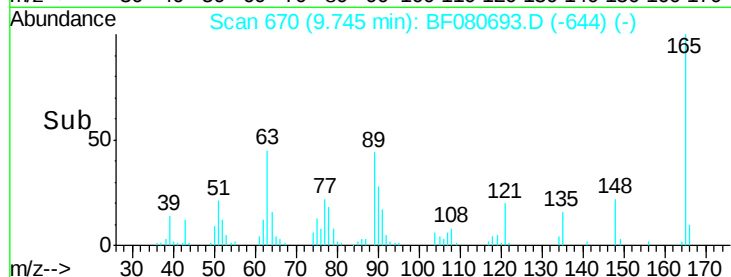
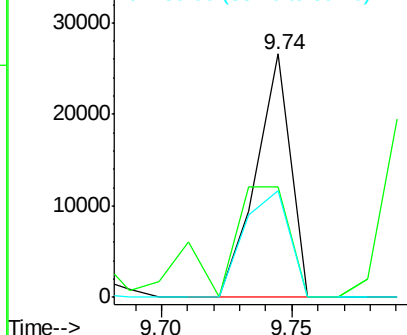
Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	45.2	27.1	40.7#
89	43.7	29.0	43.6#

Manual Integrations
APPROVED

apatel
7/29/2015 10:41:23 AM

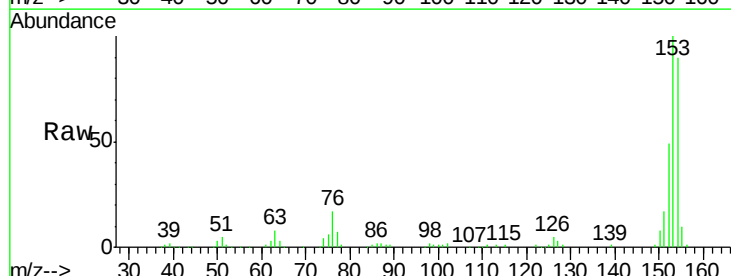


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

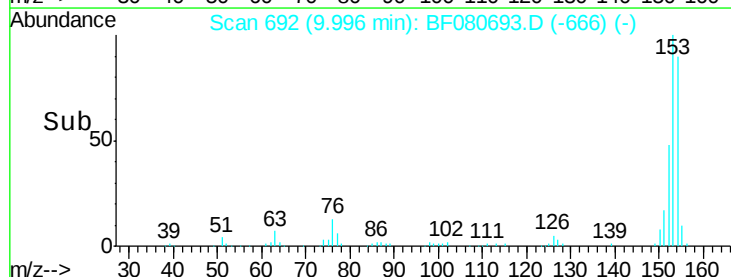
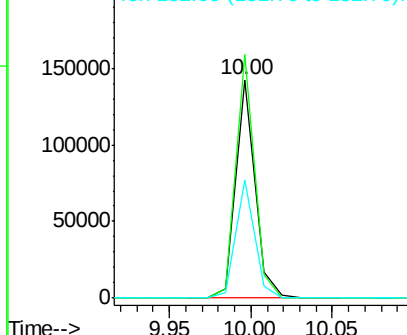


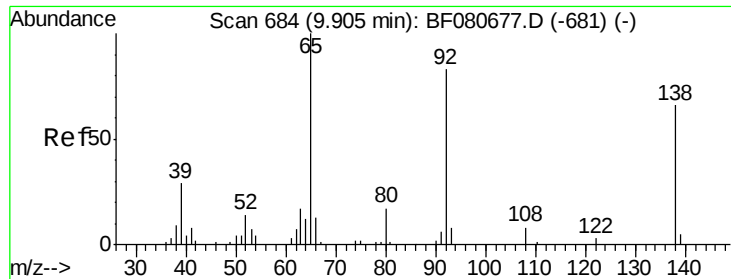
#51
Acenaphthene
Concen: 42.74 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	111.7	92.8	139.2
152	54.3	44.6	66.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





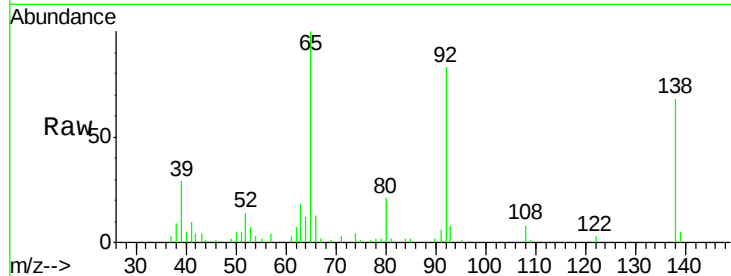
#52
3-Nitroaniline
Concen: 29.62 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MS

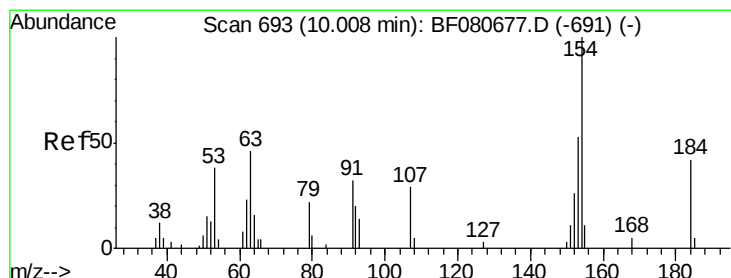
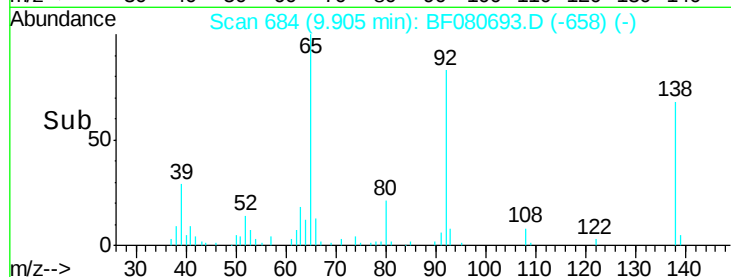
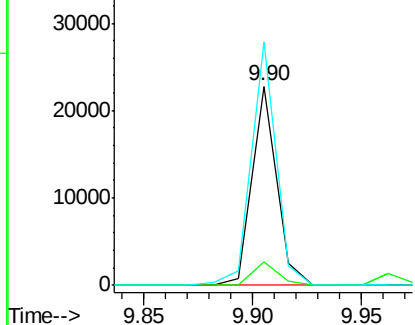
Tot Ion	Ratio	Lower	Upper
138	100		
108	12.0	10.3	15.5
92	122.3	100.6	151.0

Manual Integrations
APPROVED

apatel
7/29/2015 10:41:23 AM

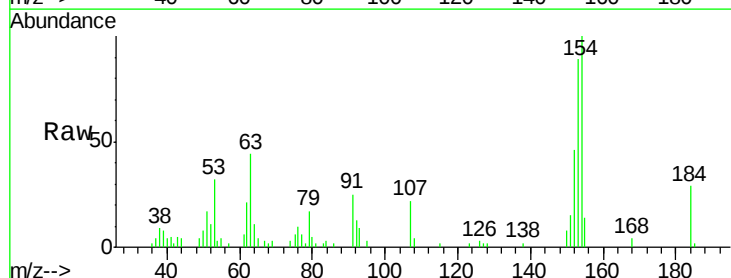


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

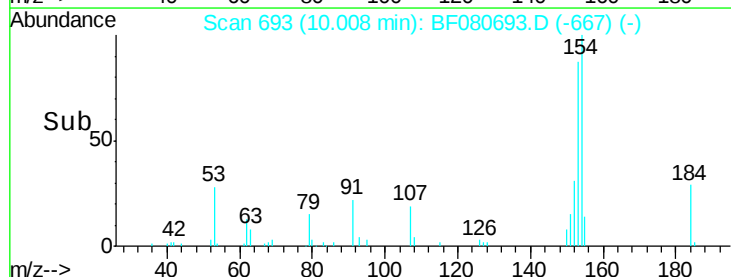
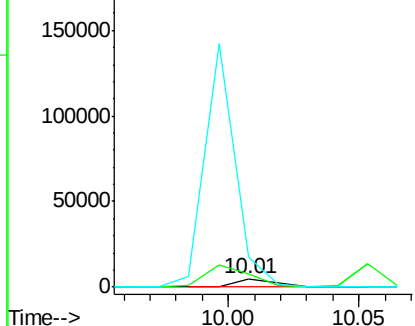


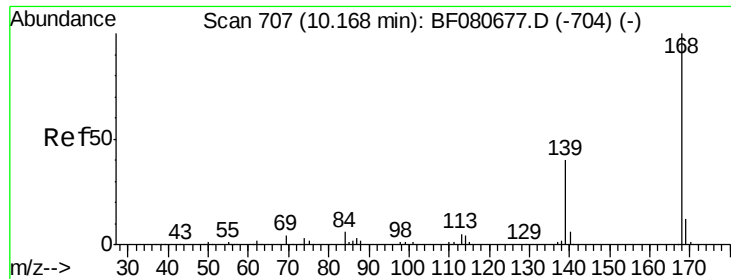
#53
2,4-Dinitrophenol
Concen: 37.10 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Tgt Ion	Ratio	Lower	Upper
184	100		
63	148.6	104.5	156.7
154	341.2	276.3	414.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E





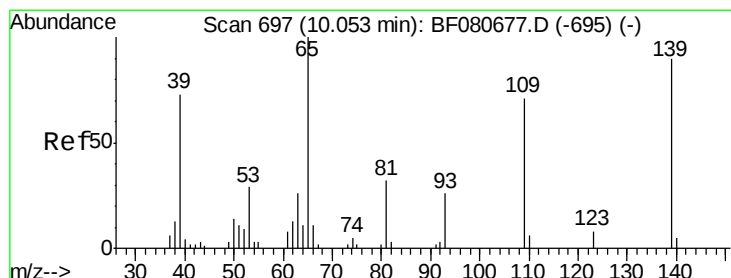
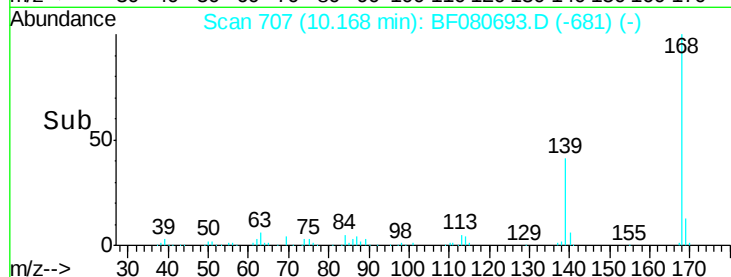
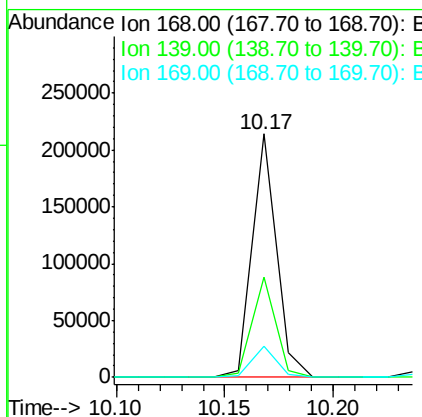
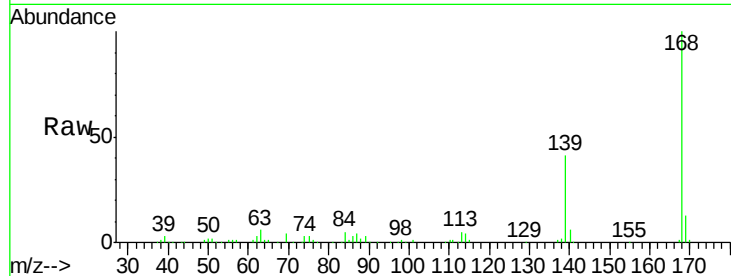
#54
Dibenzofuran
Concen: 44.81 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	165693		
139	41.1		31.8	47.8
169	12.7		9.8	14.6

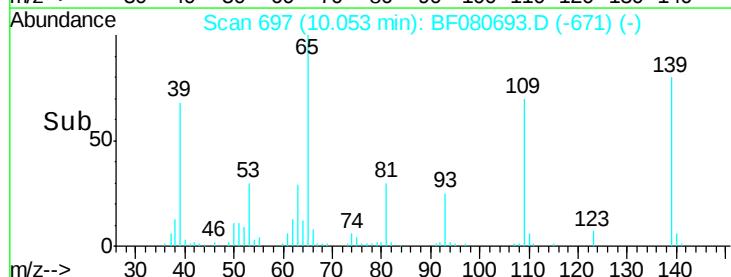
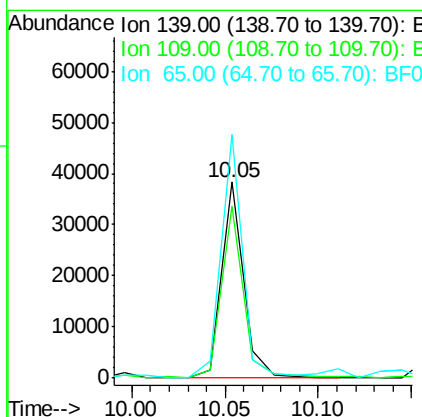
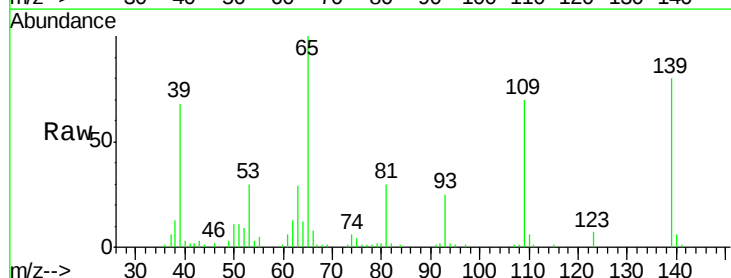
Manual Integrations
APPROVED

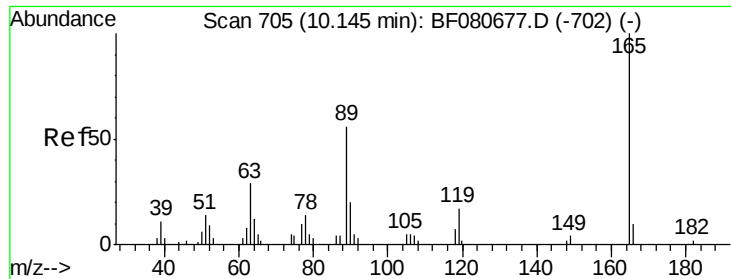
apatel
7/29/2015 10:41:23 AM



#55
4-Nitrophenol
Concen: 78.12 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	31674		
109	87.6		58.4	98.4
65	124.3		90.5	130.5





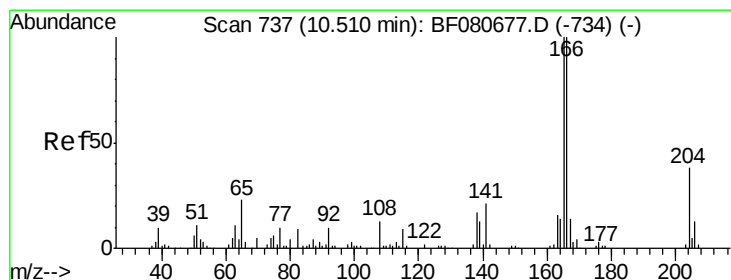
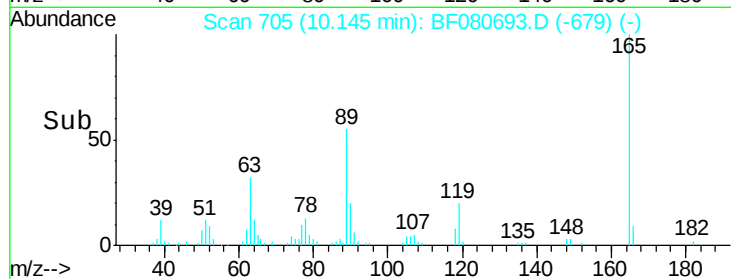
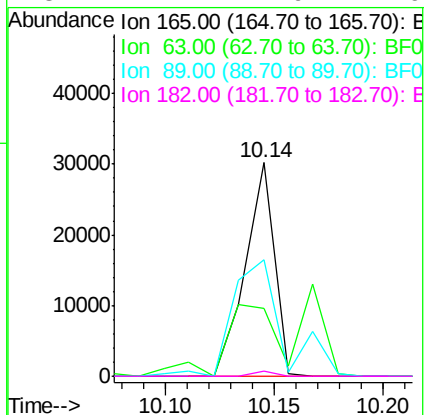
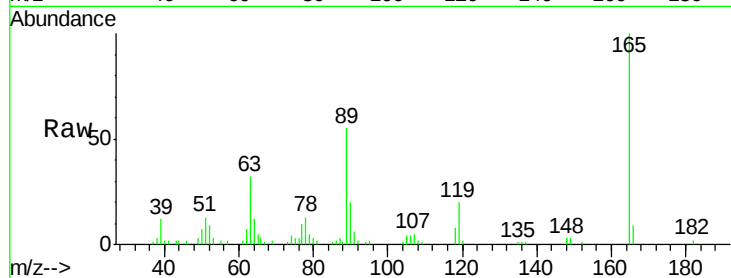
#56
2,4-Dinitrotoluene
Concen: 45.88 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		27884		
63	31.9	23.2	34.8		
89	54.8	44.6	67.0		
182	2.2	1.9	2.9		

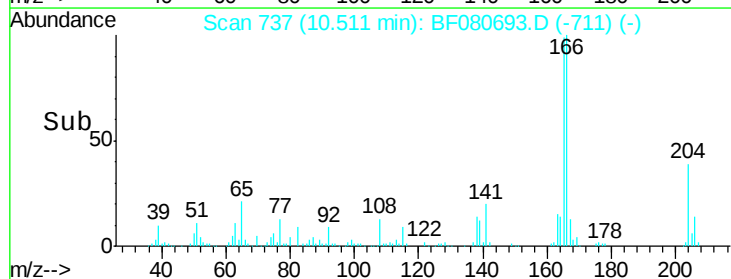
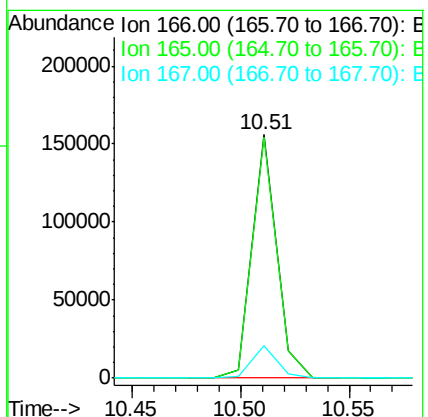
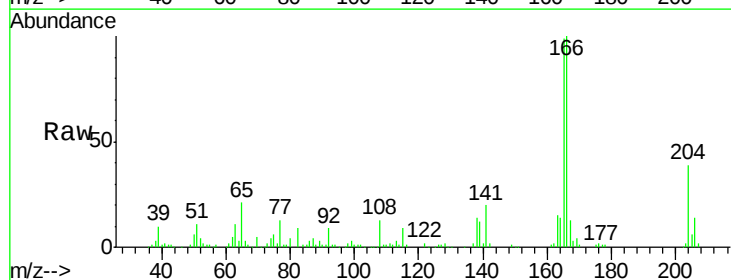
Manual Integrations
APPROVED

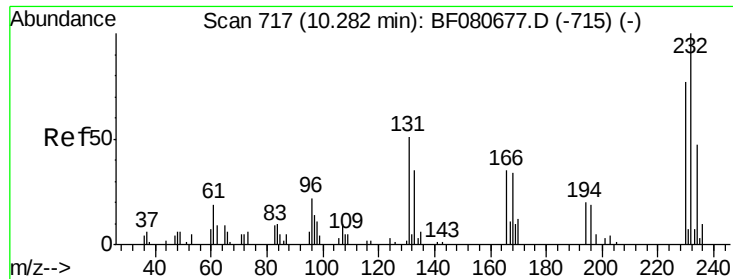
apatel
7/29/2015 10:41:23 AM



#57
Fluorene
Concen: 43.46 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		122100		
165	99.1	80.2	120.4		
167	13.4	11.0	16.4		





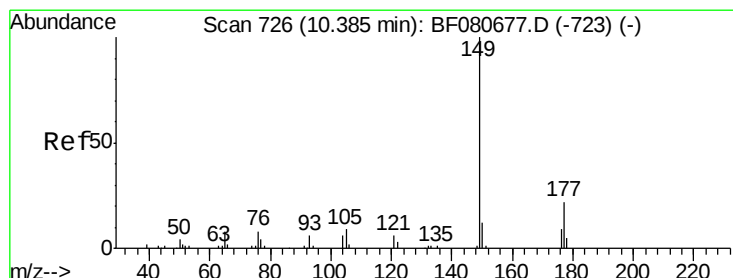
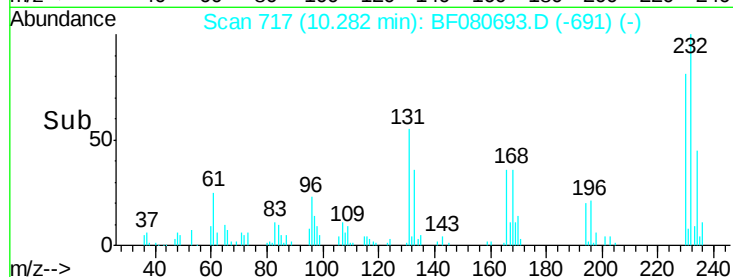
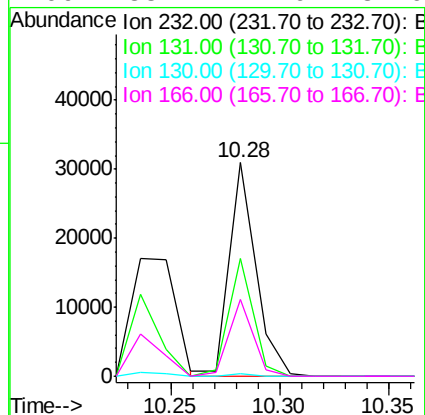
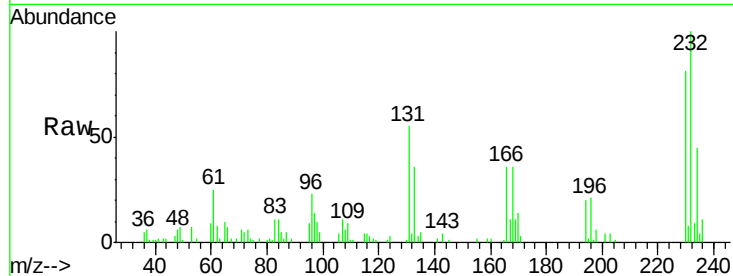
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.20 ng
 RT: 10.28 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF080693.D
 Acq: 28 Jul 2015 2:30

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	51.0	33.4	50.0#
130	0.9	1.5	2.3#
166	33.4	21.9	32.9#

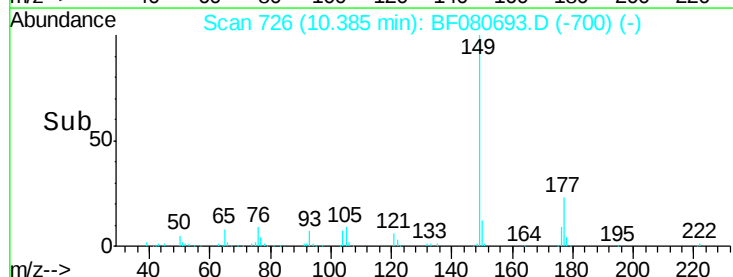
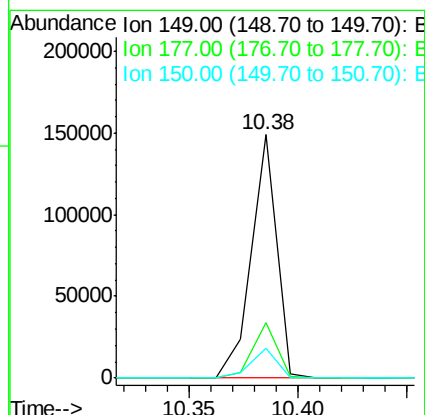
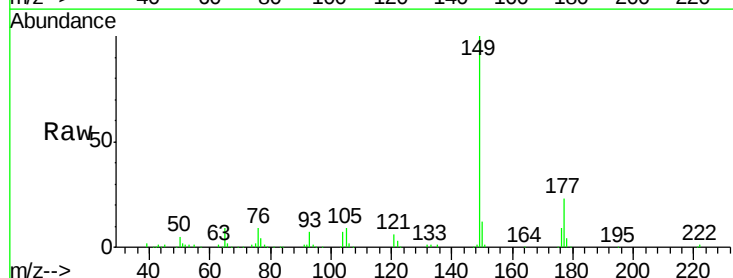
Manual Integrations
 APPROVED

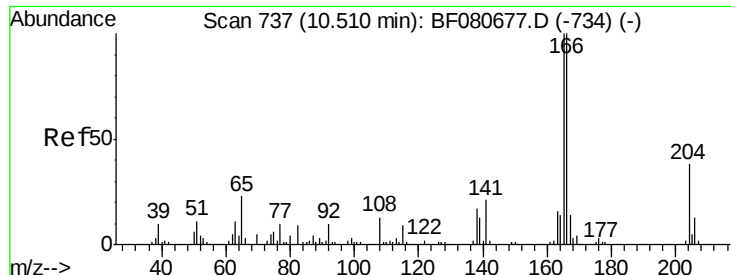
apatel
 7/29/2015 10:41:23 AM



#59
 Diethylphthalate
 Concen: 46.93 ng
 RT: 10.38 min Scan# 726
 Delta R.T. 0.00 min
 Lab File: BF080693.D
 Acq: 28 Jul 2015 2:30

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	17.4	26.2
150	12.1	9.5	14.3





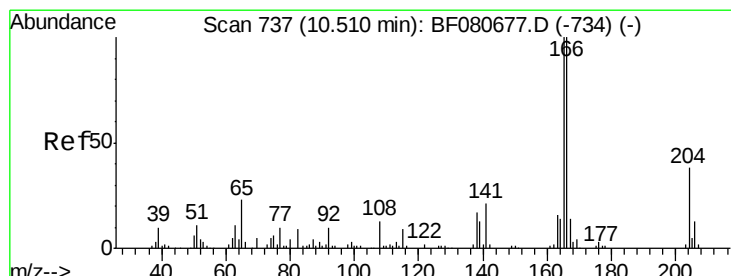
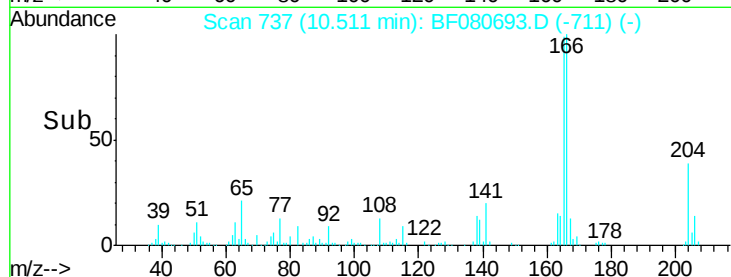
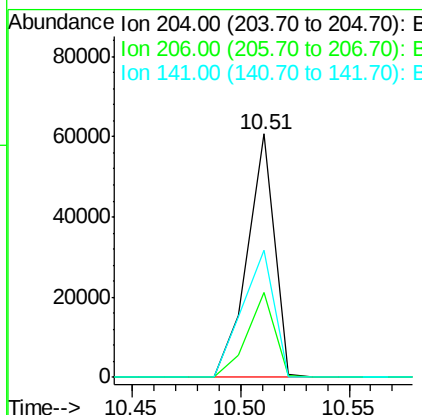
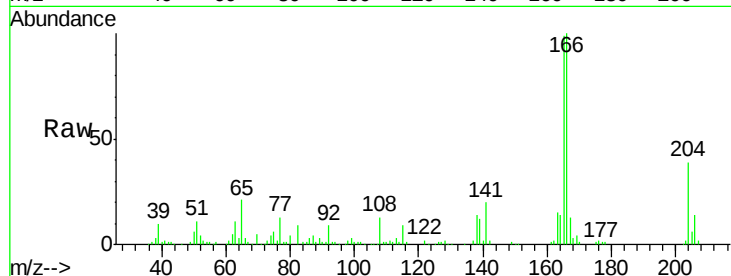
#60
 4-Chlorophenyl-phenylether
 Concen: 42.66 ng
 RT: 10.51 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF080693.D
 Acq: 28 Jul 2015 2:30

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3MS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	52759		
206	34.7	26.5	39.7	
141	52.4	43.8	65.6	

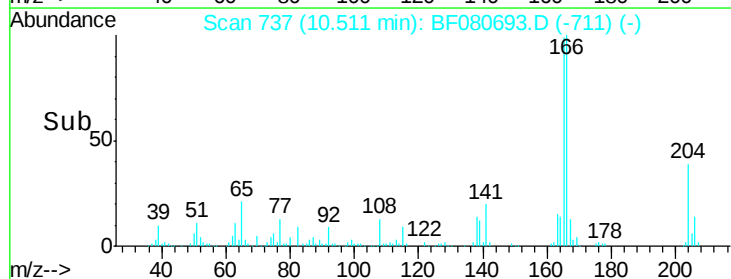
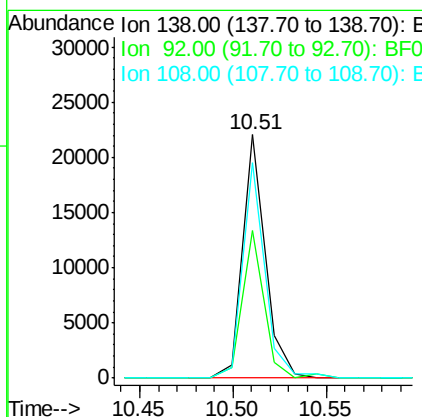
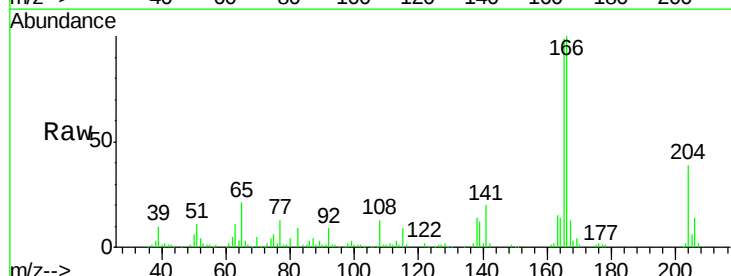
Manual Integrations
 APPROVED

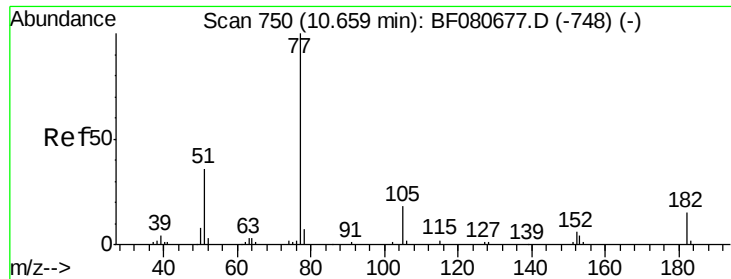
apatel
 7/29/2015 10:41:23 AM



#61
 4-Nitroaniline
 Concen: 36.45 ng
 RT: 10.51 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF080693.D
 Acq: 28 Jul 2015 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	18822		
92	60.8	38.1	78.1	
108	88.4	59.7	99.7	





#62

Azobenzene

Concen: 42.67 ng

RT: 10.66 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Instrument :

BNA_F

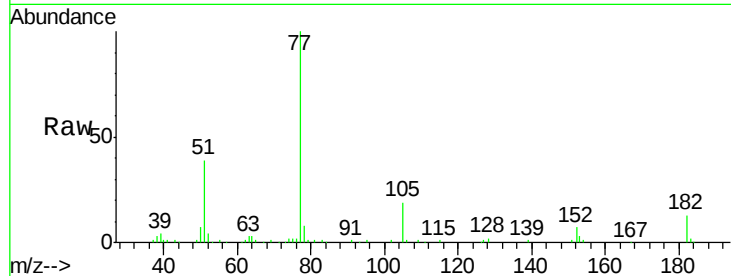
ClientSampleId :

DUMBO-EP-3MS

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	12.7	0.0	34.7	
105	19.1	0.0	37.8	
51	38.5	16.3	56.3	

Manual Integrations
APPROVED

apatel
7/29/2015 10:41:23 AM

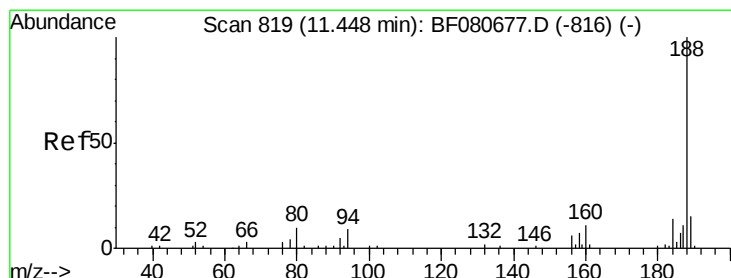
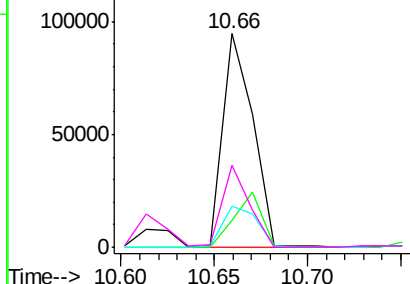
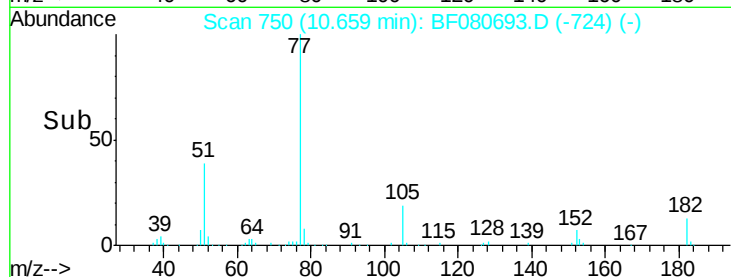


Abundance Ion 77.00 (76.70 to 77.70): BF080677.D (-748) (-)

Ion 182.00 (181.70 to 182.70): BF080677.D (-748) (-)

Ion 105.00 (104.70 to 105.70): BF080677.D (-748) (-)

Ion 51.00 (50.70 to 51.70): BF080677.D (-748) (-)



#63

Phenanthrene-d10

Concen: 20.00 ng

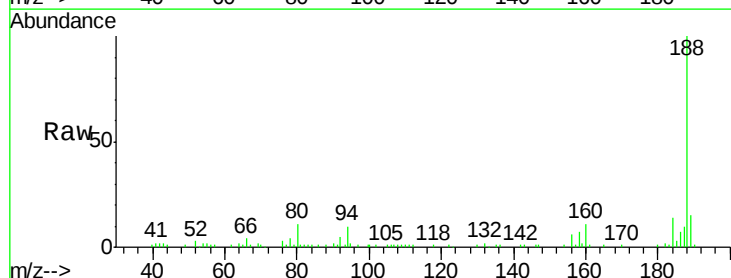
RT: 11.45 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

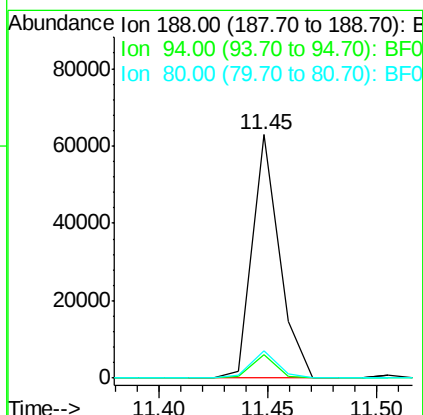
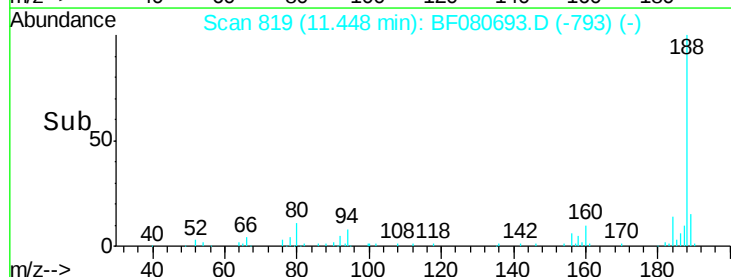
Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.8	7.2	10.8	
80	11.5	8.2	12.2	

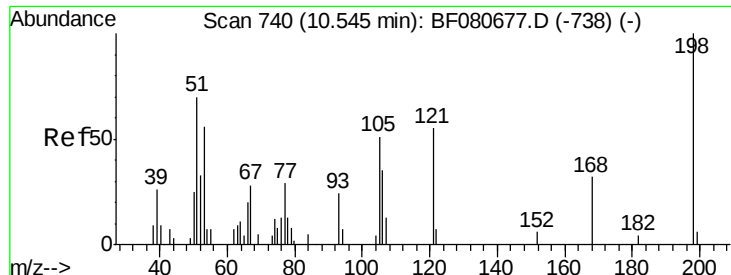


Abundance Ion 188.00 (187.70 to 188.70): BF080677.D (-816) (-)

Ion 94.00 (93.70 to 94.70): BF080677.D (-816) (-)

Ion 80.00 (79.70 to 80.70): BF080677.D (-816) (-)





#64

4,6-Dinitro-2-methylphenol

Concen: 41.47 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Instrument :

BNA_F

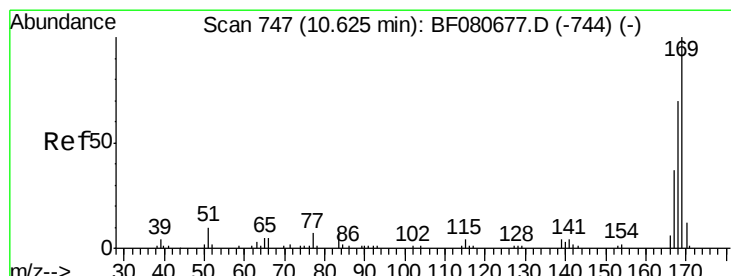
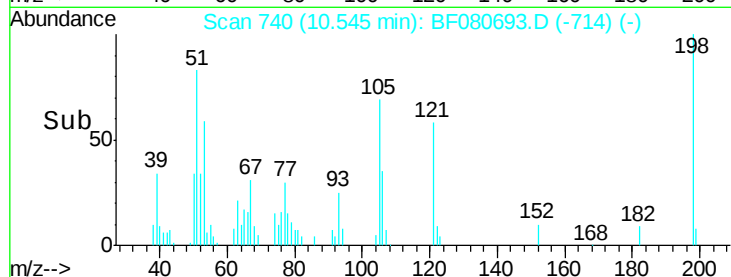
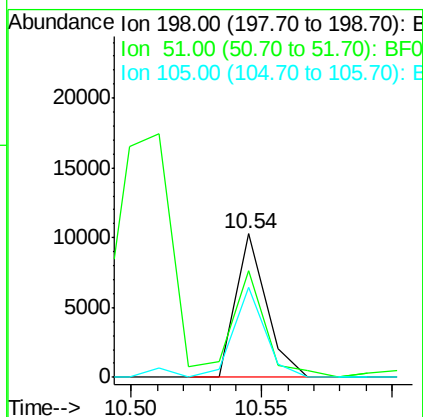
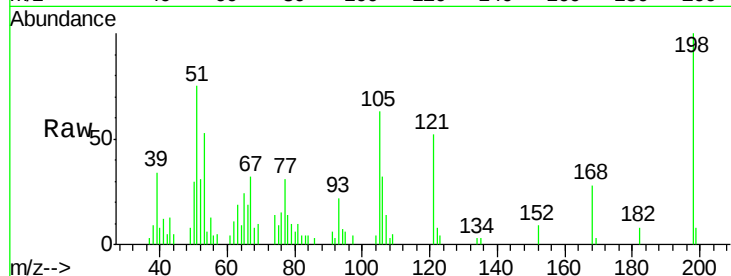
ClientSampleId :

DUMBO-EP-3MS

Tot Ion:	198	Resp:	8418
Ion Ratio	Lower	Upper	
198	100		
51	74.8	55.1	95.1
105	62.8	30.9	70.9

Manual Integrations
APPROVED

apatel
7/29/2015 10:41:23 AM



#65

n-Nitrosodiphenylamine

Concen: 47.38 ng

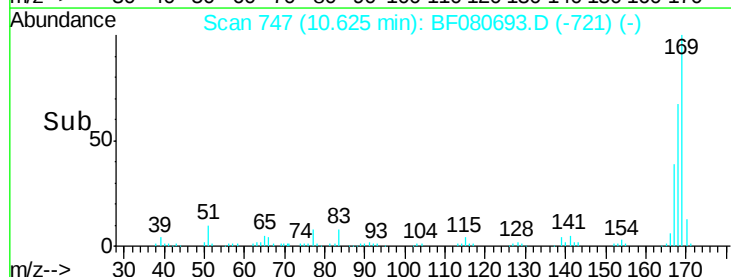
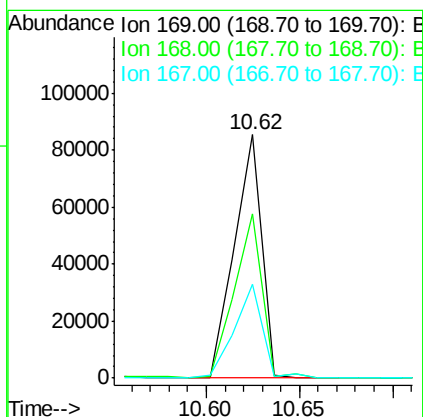
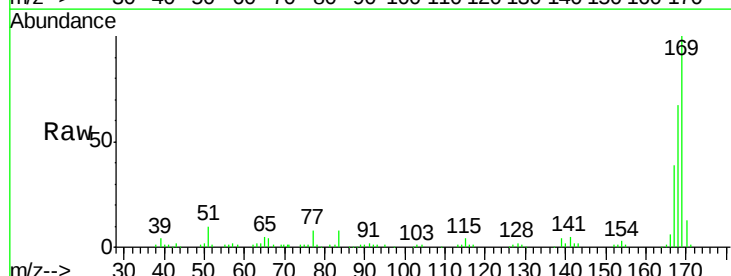
RT: 10.62 min Scan# 747

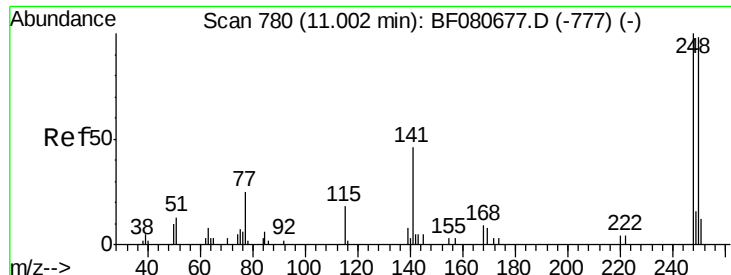
Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Tgt Ion:	169	Resp:	87787
Ion Ratio	Lower	Upper	
169	100		
168	67.2	56.2	84.2
167	38.6	29.3	43.9





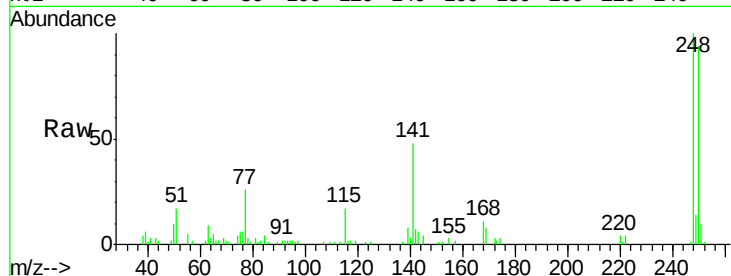
#66
4-Bromophenyl-phenylether
Concen: 47.77 ng
RT: 11.00 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MS

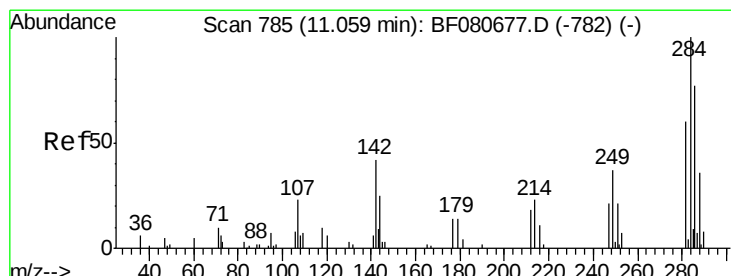
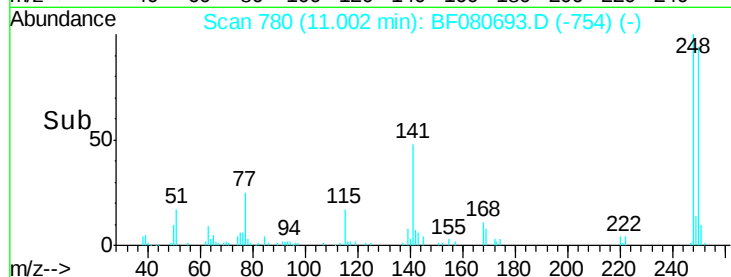
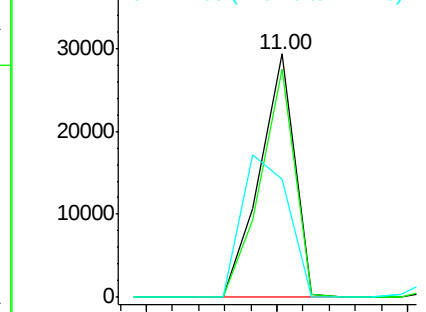
Tot Ion	Ratio	Lower	Upper
248	100		
250	93.6	78.5	117.7
141	48.4	36.8	55.2

Manual Integrations
APPROVED

apatel
7/29/2015 10:41:23 AM

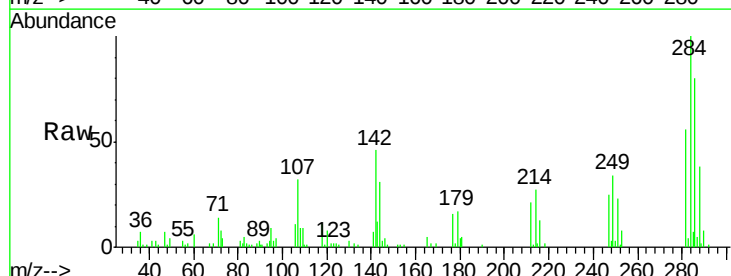


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

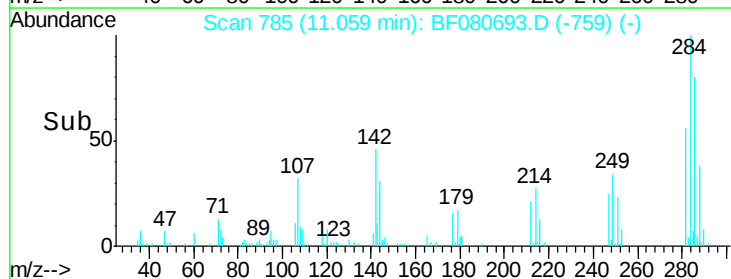
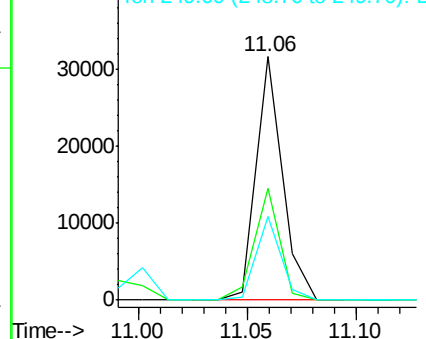


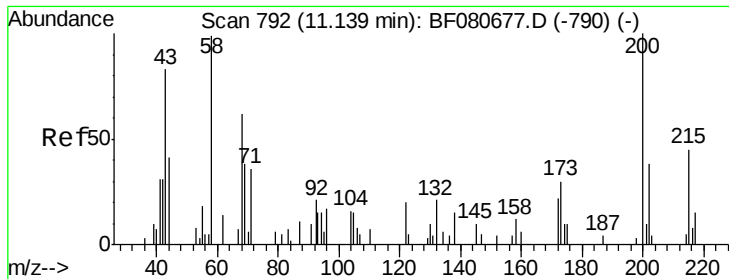
#67
Hexachlorobenzene
Concen: 39.07 ng
RT: 11.06 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Tgt Ion	Ratio	Lower	Upper
284	100		
142	46.0	34.0	51.0
249	34.5	29.4	44.0



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





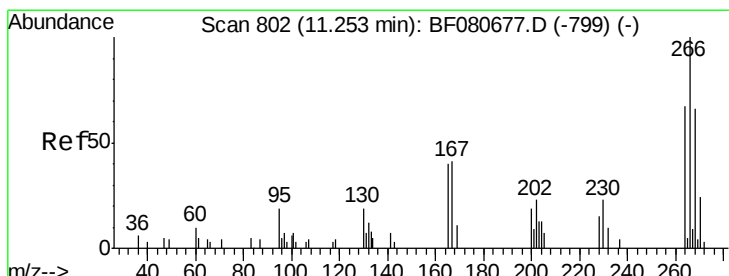
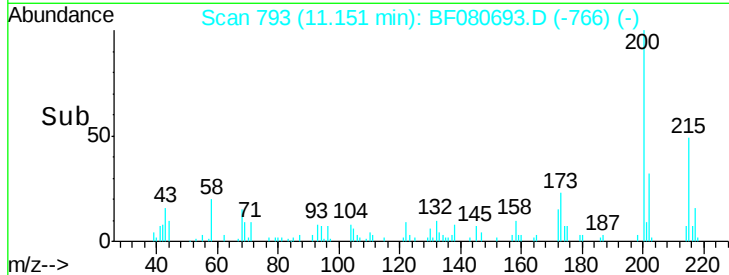
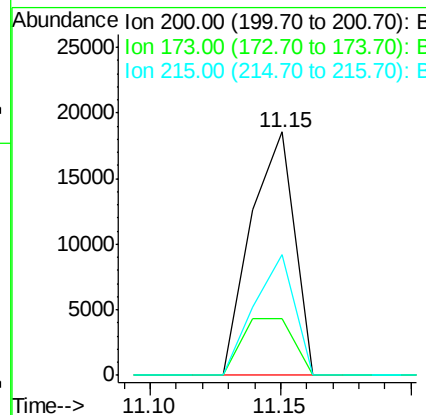
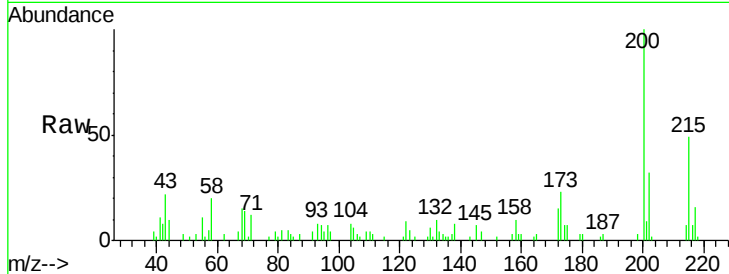
#68
 Atrazine
 Concen: 59.49 ng
 RT: 11.15 min Scan# 793
 Delta R.T. 0.01 min
 Lab File: BF080693.D
 Acq: 28 Jul 2015 2:30

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3MS

Tot Ion	Ion	Ratio	Resp Lower	Upper
200	100			
173	23.1	9.7	49.7	
215	49.5	24.7	64.7	

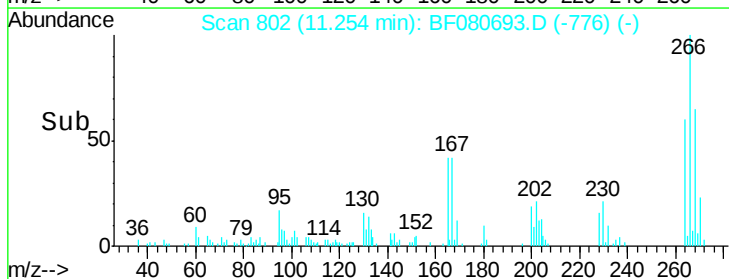
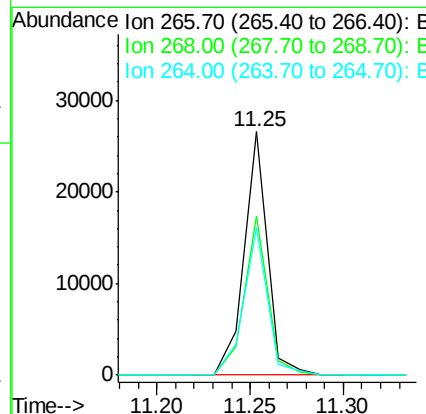
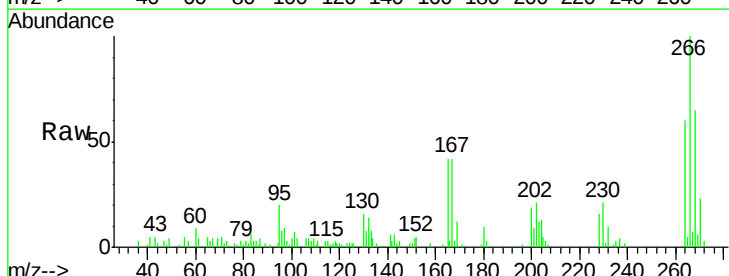
Manual Integrations
 APPROVED

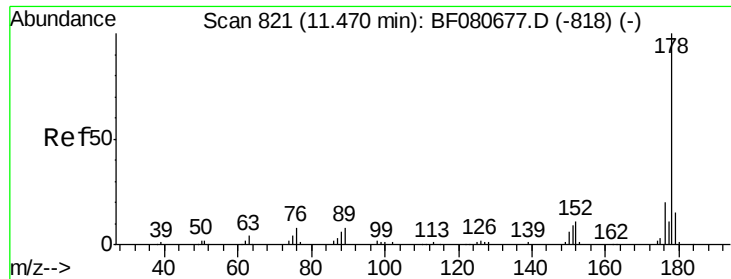
apatel
 7/29/2015 10:41:23 AM



#69
 Pentachlorophenol
 Concen: 86.33 ng
 RT: 11.25 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF080693.D
 Acq: 28 Jul 2015 2:30

Tgt Ion	Ion	Ratio	Resp Lower	Upper
266	100			
268	65.1	52.6	78.8	
264	60.5	53.4	80.2	





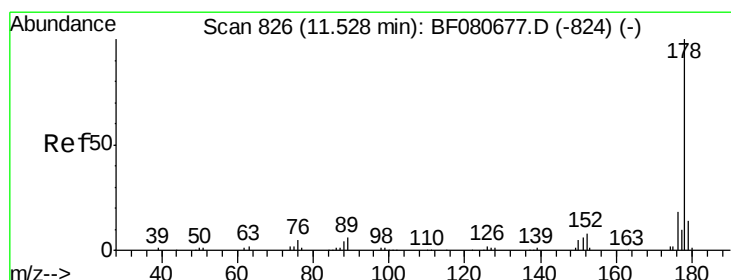
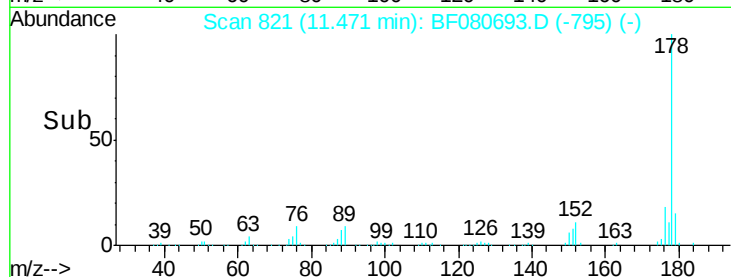
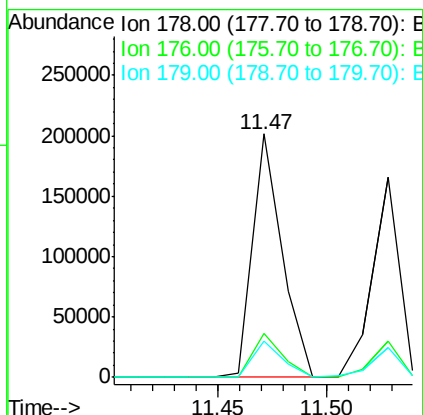
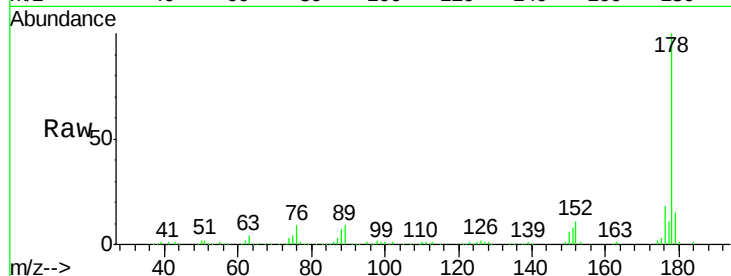
#70
 Phenanthrene
 Concen: 61.55 ng
 RT: 11.47 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF080693.D
 Acq: 28 Jul 2015 2:30

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.6	23.4
179	15.0	12.3	18.5

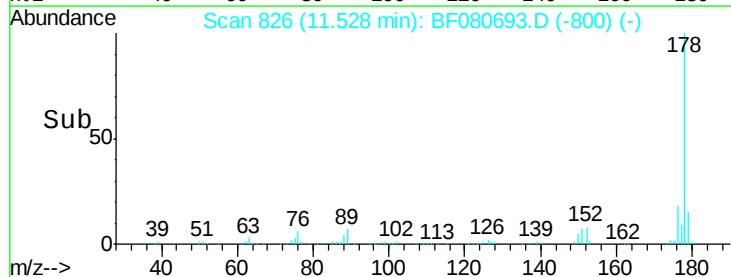
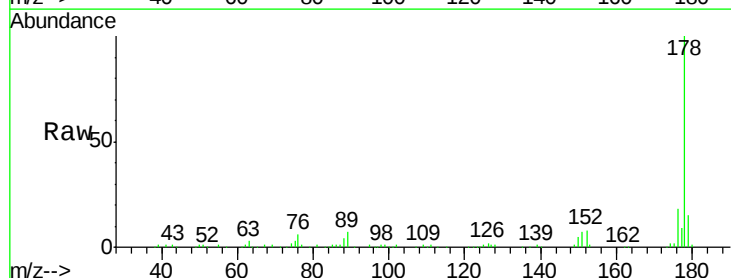
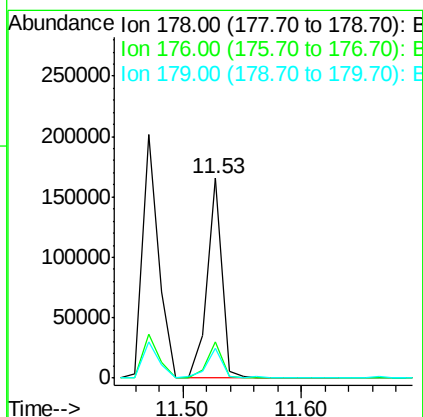
Manual Integrations
 APPROVED

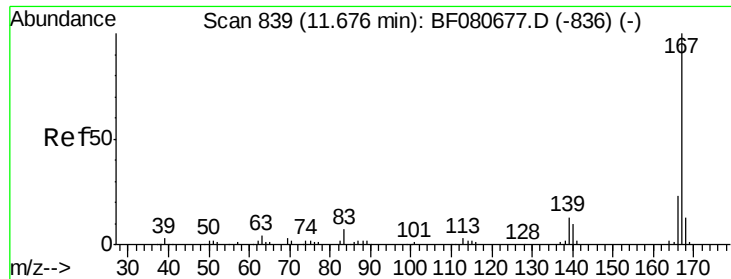
apatel
 7/29/2015 10:41:23 AM



#71
 Anthracene
 Concen: 47.81 ng
 RT: 11.53 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF080693.D
 Acq: 28 Jul 2015 2:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.3	21.5
179	14.9	10.8	16.2





#72

Carbazole

Concen: 43.37 ng

RT: 11.68 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Instrument :

BNA_F

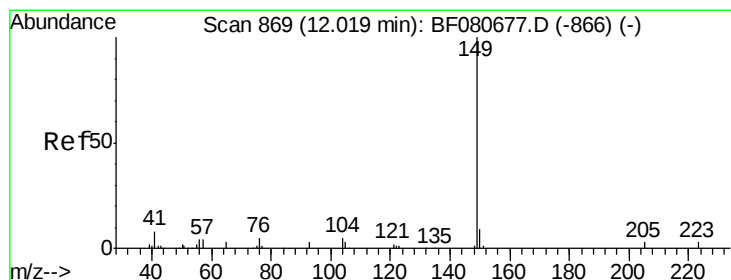
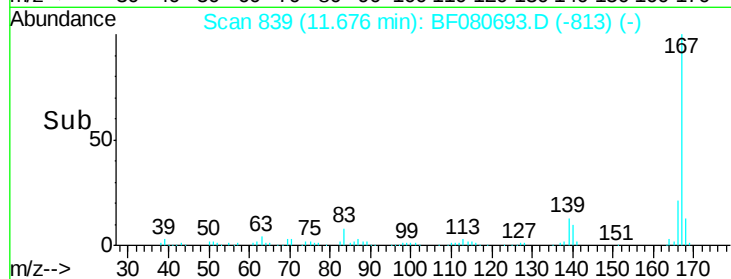
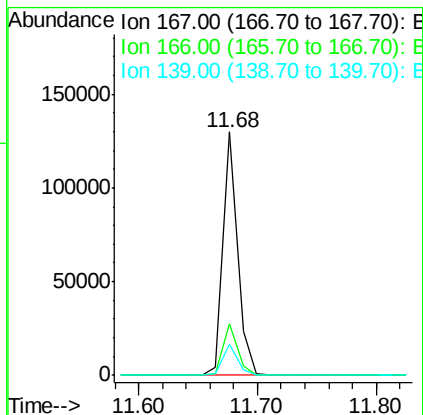
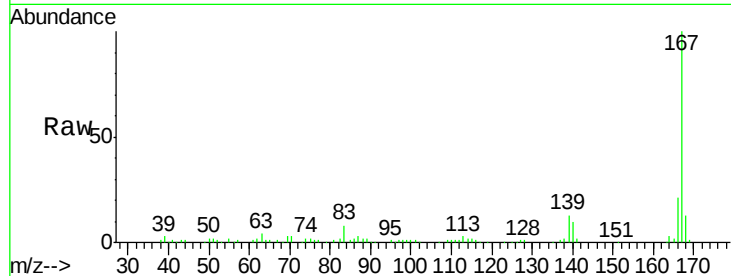
ClientSampleId :

DUMBO-EP-3MS

Tot Ion:	167	Resp:	109083
Ion Ratio	Lower	Upper	
167	100		
166	21.2	18.1	27.1
139	13.0	10.1	15.1

Manual Integrations
APPROVED

apatel
7/29/2015 10:41:23 AM



#73

Di-n-butylphthalate

Concen: 50.85 ng

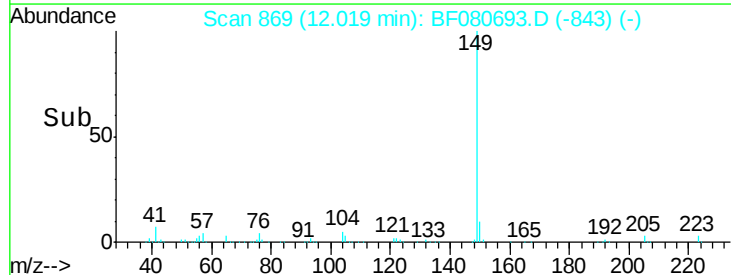
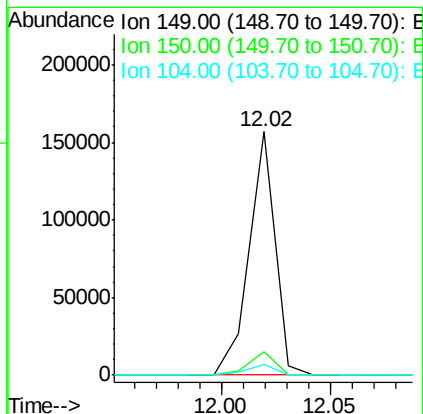
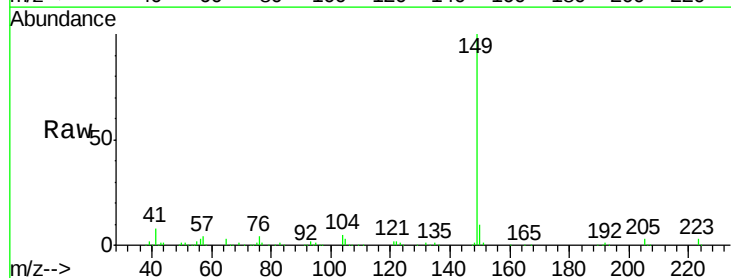
RT: 12.02 min Scan# 869

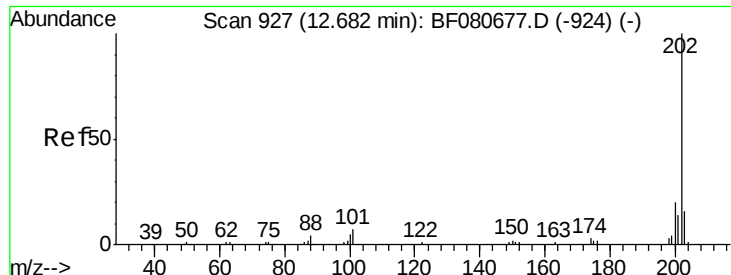
Delta R.T. 0.00 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Tgt Ion:	149	Resp:	130339
Ion Ratio	Lower	Upper	
149	100		
150	9.7	6.8	10.2
104	4.6	4.0	6.0





#74

Fluoranthene

Concen: 67.41 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Instrument :

BNA_F

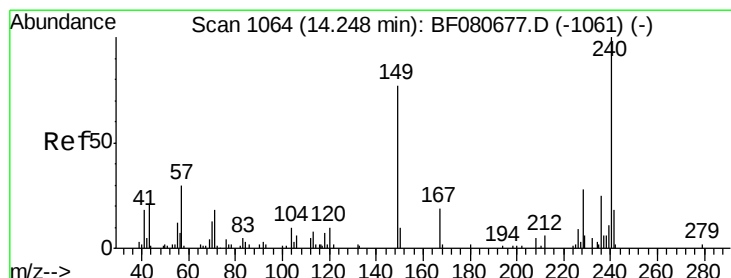
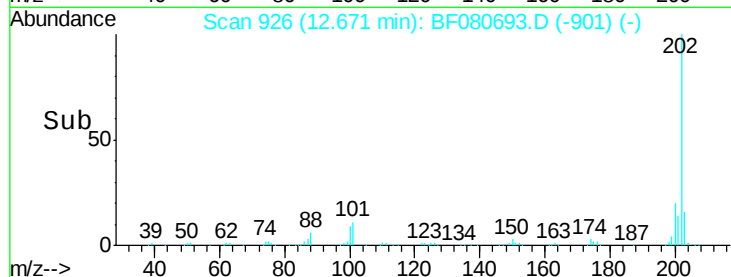
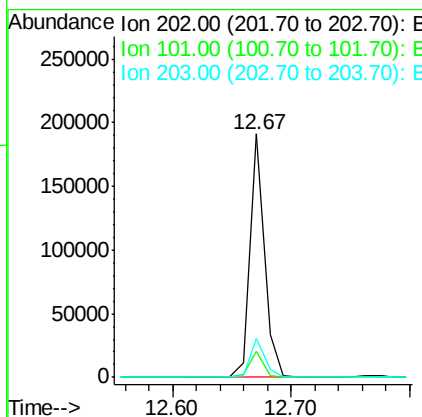
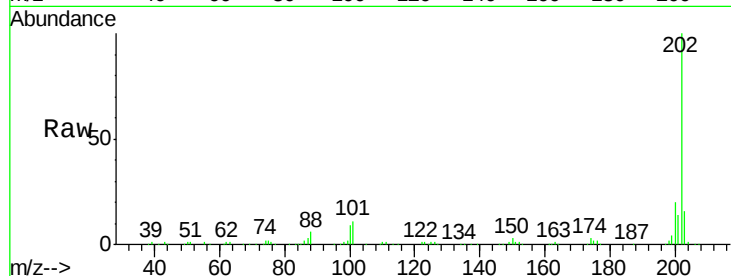
ClientSampleId :

DUMBO-EP-3MS

Tot Ion:	202	Resp:	163731
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	27.3
203	16.1	0.0	36.0

Manual Integrations
APPROVED

apatel
7/29/2015 10:41:23 AM



#75

Chrysene-d12

Concen: 20.00 ng

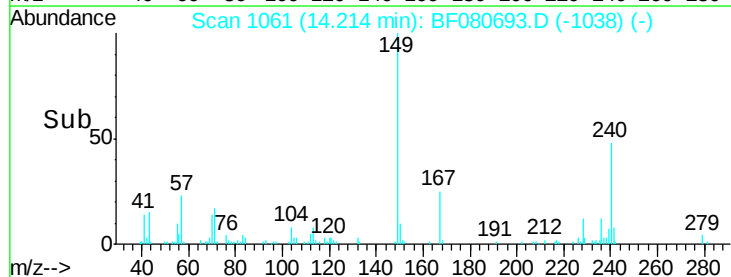
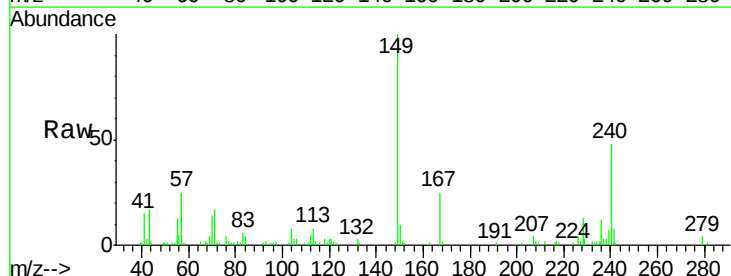
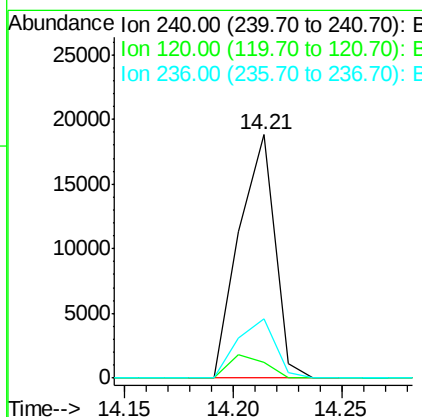
RT: 14.21 min Scan# 1061

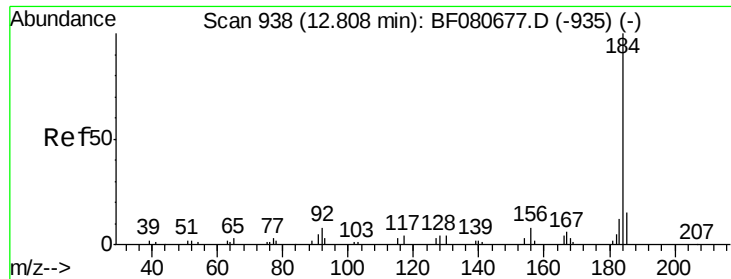
Delta R.T. -0.03 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Tgt Ion:	240	Resp:	21444
Ion Ratio	Lower	Upper	
240	100		
120	6.4	8.0	12.0#
236	24.2	20.0	30.0





#76

Benzidine

Concen: 53.69 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Instrument :

BNA_F

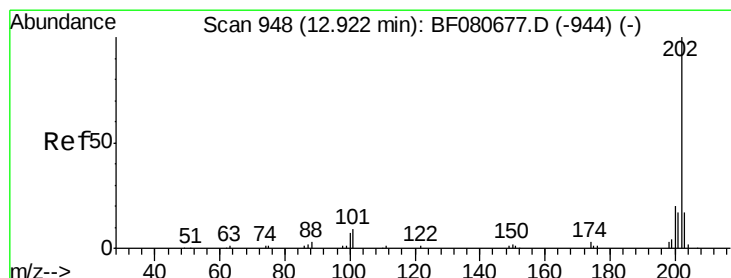
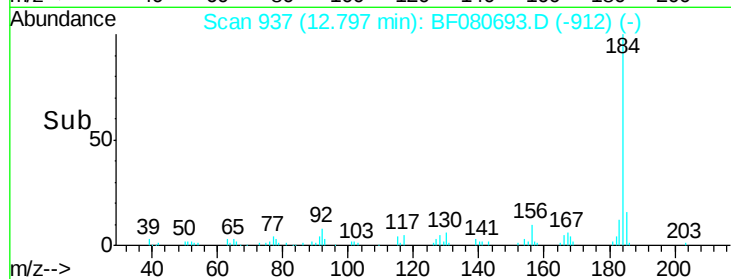
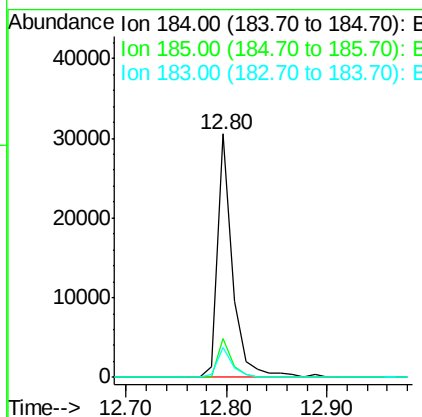
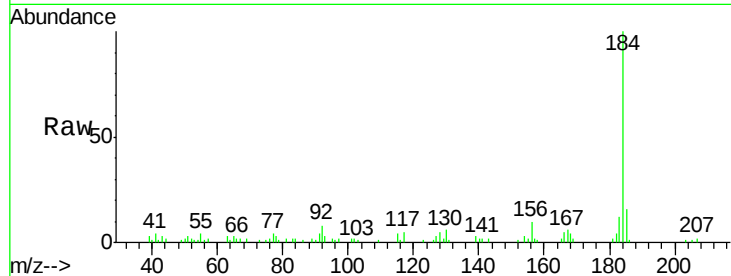
ClientSampleId :

DUMBO-EP-3MS

Tot Ion:	184	Resp:	31725
Ion Ratio	Lower	Upper	
184	100		
185	16.2	11.8	17.6
183	12.1	9.7	14.5

Manual Integrations
APPROVED

apatel
7/29/2015 10:41:23 AM



#77

Pyrene

Concen: 82.86 ng

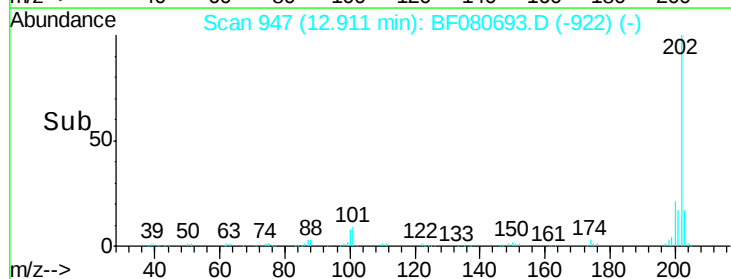
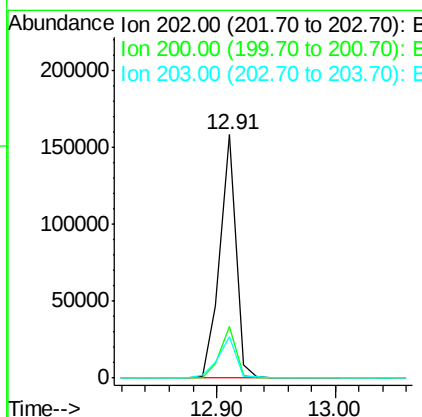
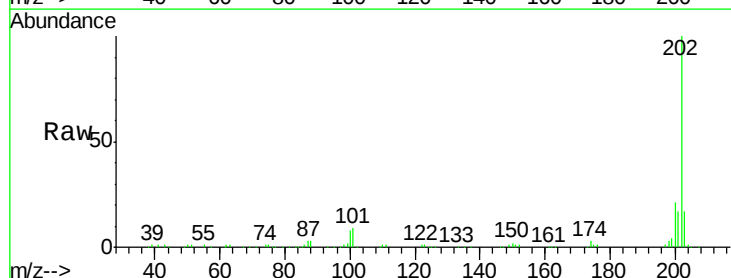
RT: 12.91 min Scan# 947

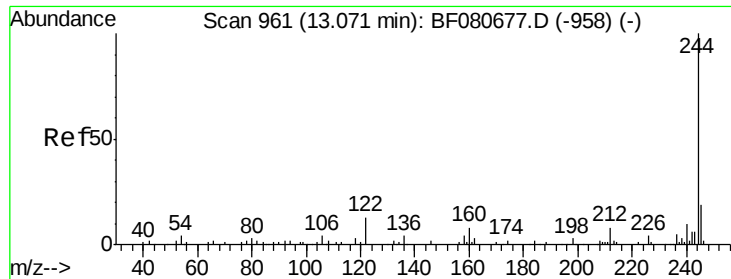
Delta R.T. -0.01 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Tgt Ion:	202	Resp:	148760
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.3	24.5
203	17.1	13.4	20.2





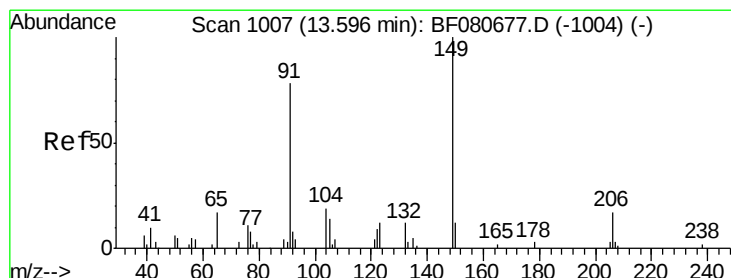
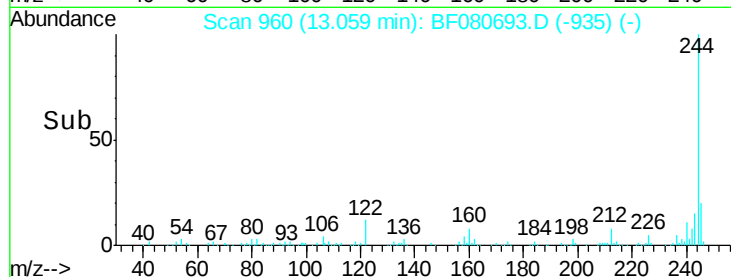
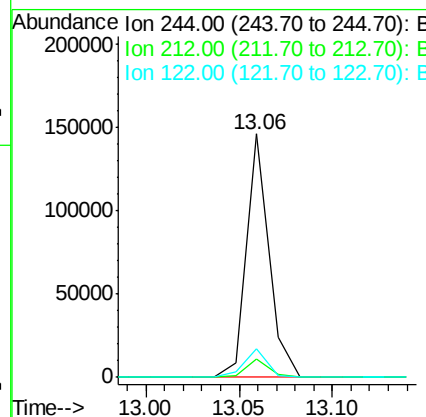
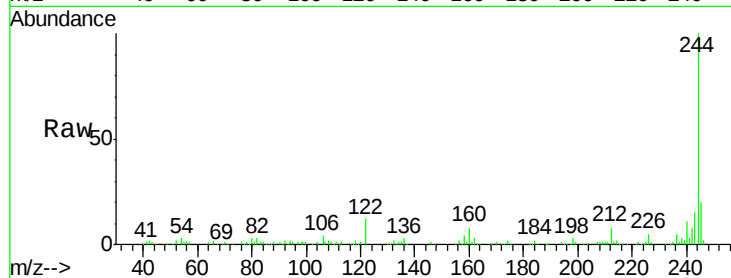
#78
 Terphenyl-d14
 Concen: 98.83 ng
 RT: 13.06 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF080693.D
 Acq: 28 Jul 2015 2:30

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3MS

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	7.6	6.1	9.1
122	11.9	10.2	15.2

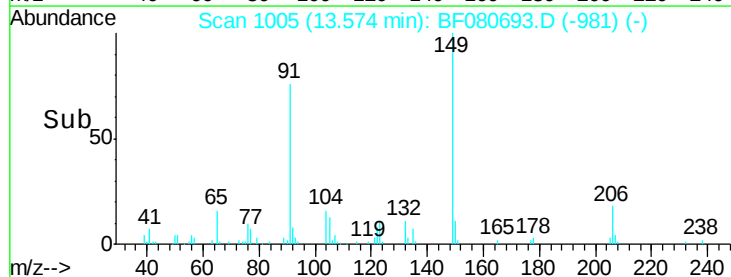
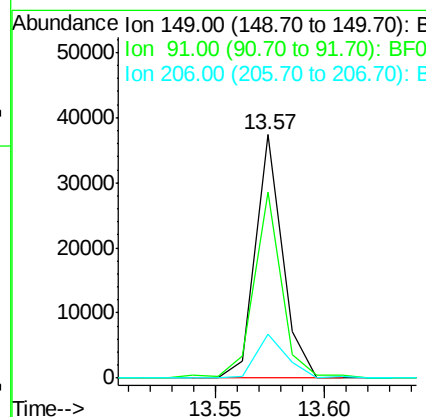
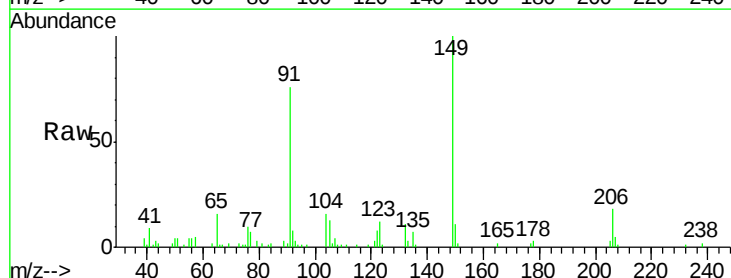
Manual Integrations
 APPROVED

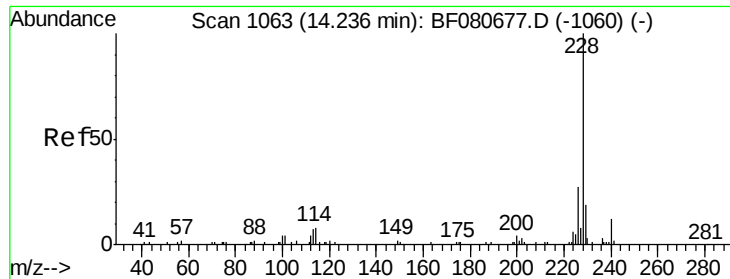
apatel
 7/29/2015 10:41:23 AM



#79
 Butylbenzylphthalate
 Concen: 62.00 ng
 RT: 13.57 min Scan# 1005
 Delta R.T. -0.02 min
 Lab File: BF080693.D
 Acq: 28 Jul 2015 2:30

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	76.3	62.6	93.8
206	18.3	13.3	19.9





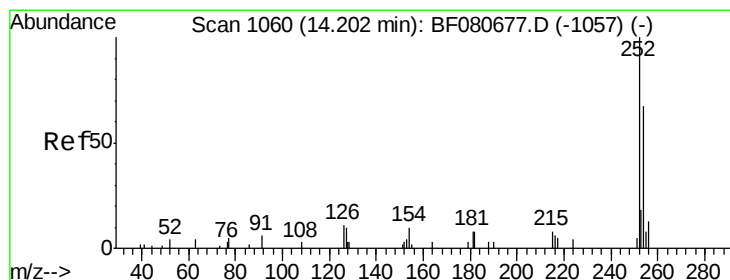
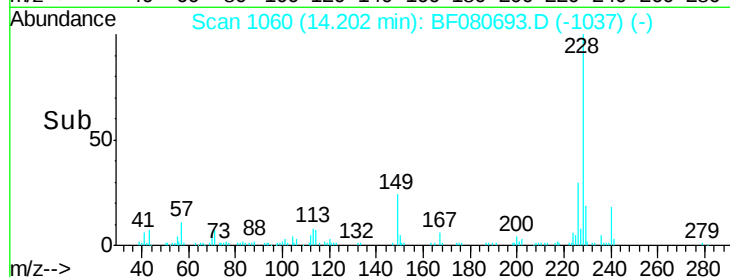
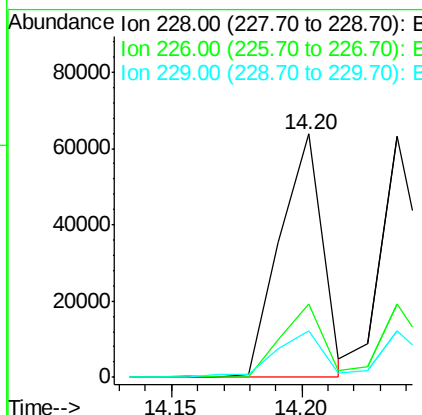
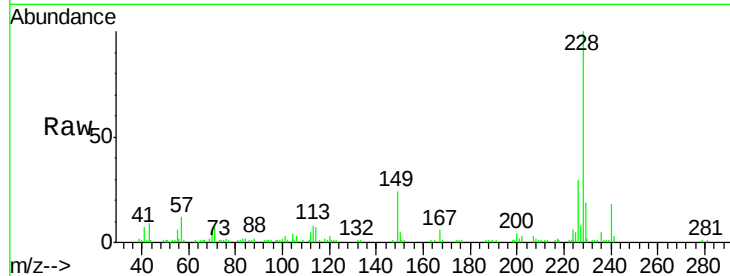
#80
Benzo(a)anthracene
Concen: 57.90 ng
RT: 14.20 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	21.8	32.6
229	19.1	14.9	22.3

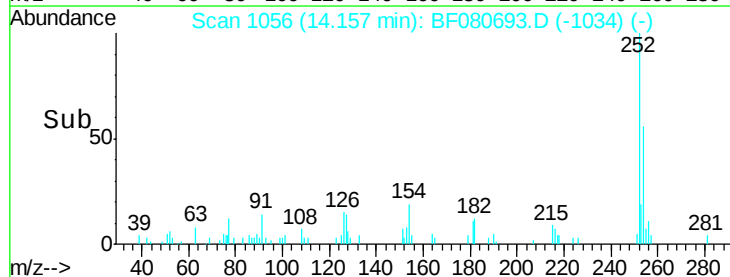
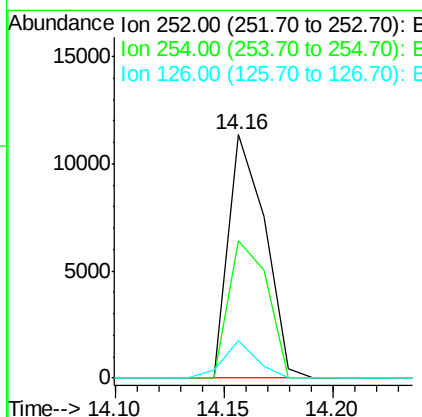
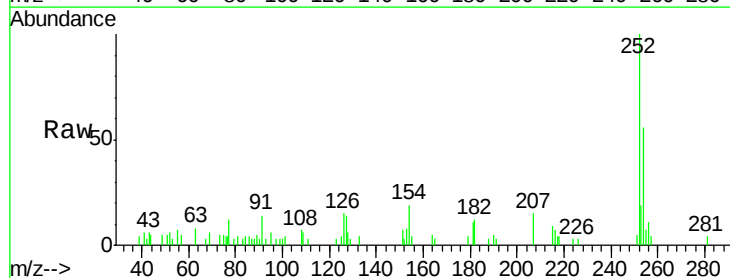
Manual Integrations
APPROVED

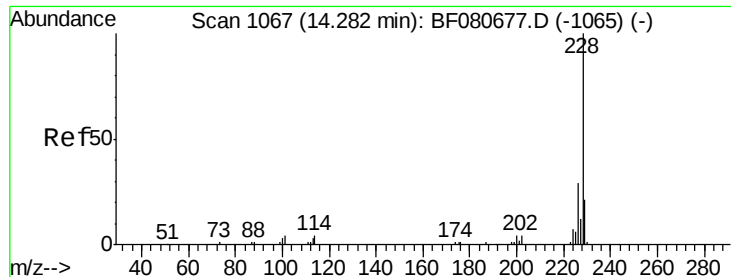
apatel
7/29/2015 10:41:23 AM



#81
3,3'-Dichlorobenzidine
Concen: 40.78 ng
RT: 14.16 min Scan# 1056
Delta R.T. -0.05 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Tgt Ion	Ratio	Lower	Upper
252	100		
254	56.4	53.8	80.8
126	15.4	9.0	13.4#





#82

Chrysene

Concen: 55.16 ng

RT: 14.24 min Scan# 1063

Delta R.T. -0.05 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Instrument :

BNA_F

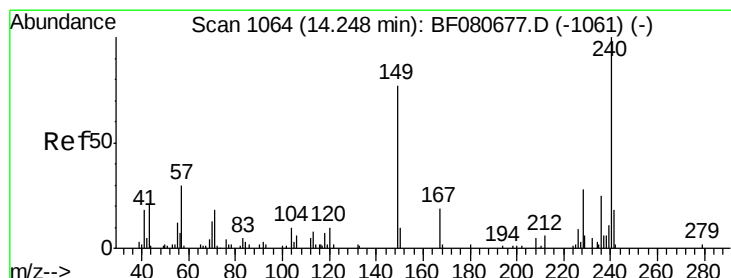
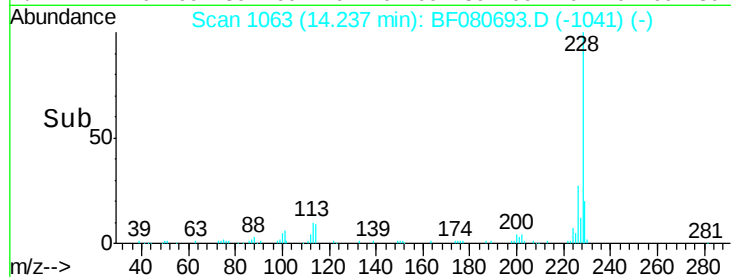
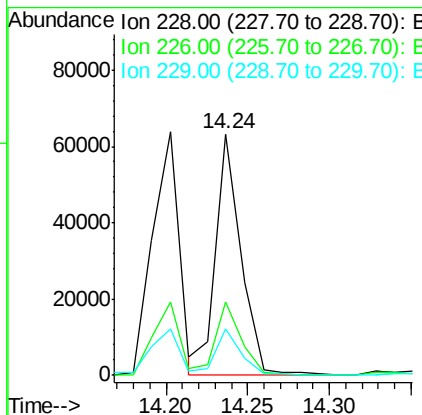
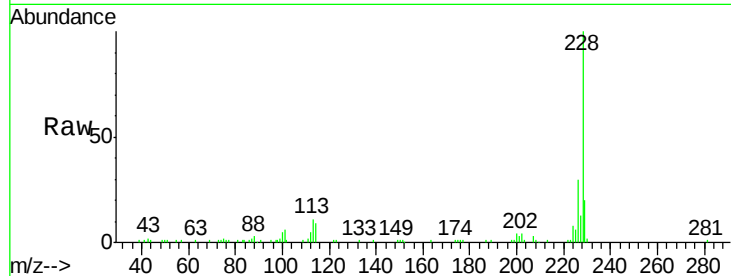
ClientSampleId :

DUMBO-EP-3MS

Tot Ion:	228	Resp:	68339
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.0	34.4
229	19.5	17.1	25.7

Manual Integrations
APPROVED

apatel
7/29/2015 10:41:23 AM



#83

Bis(2-ethylhexyl)phthalate

Concen: 62.33 ng

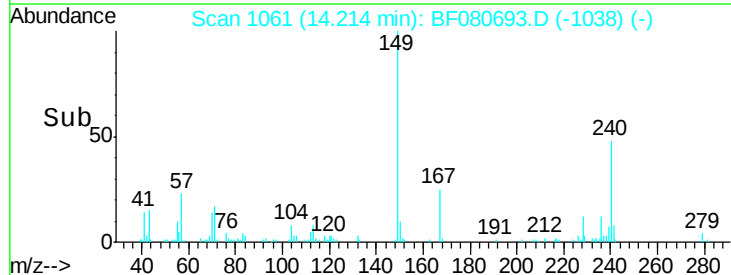
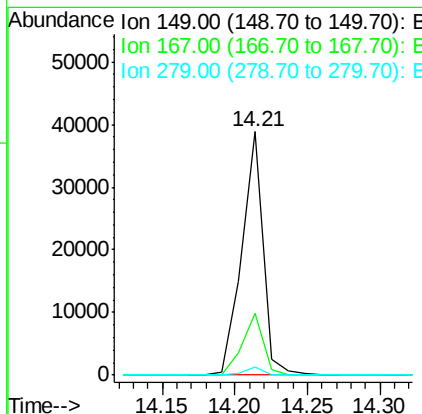
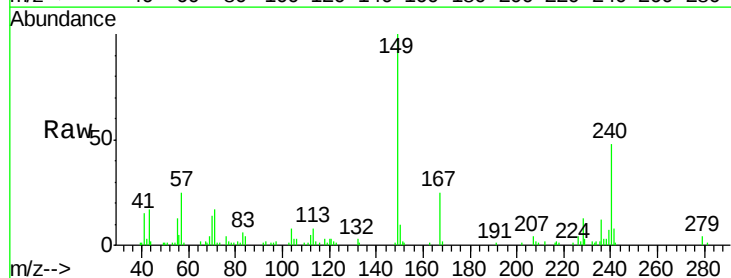
RT: 14.21 min Scan# 1061

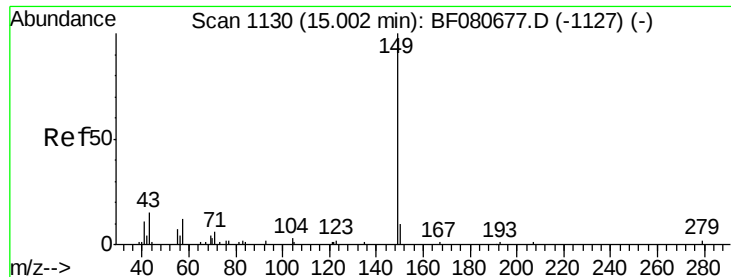
Delta R.T. -0.03 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Tgt Ion:	149	Resp:	39733
Ion Ratio	Lower	Upper	
149	100		
167	25.3	20.0	30.0
279	3.6	2.1	3.1#





#84

Di-n-octyl phthalate

Concen: 63.06 ng

RT: 14.95 min Scan# 1125

Delta R.T. -0.06 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3MS

Tot Ion:149 Resp: 48283

Ion Ratio Lower Upper

149 100

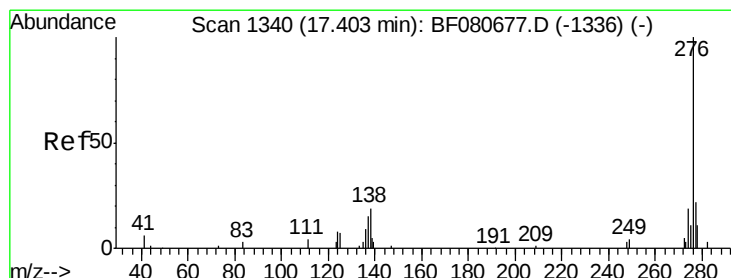
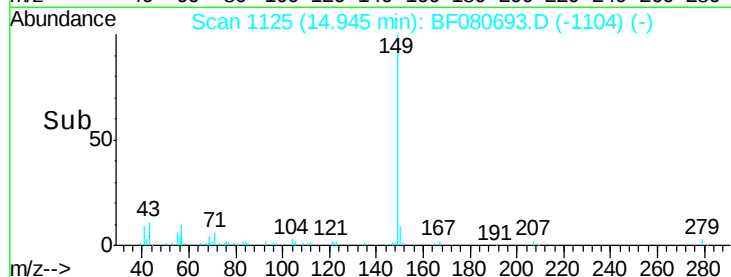
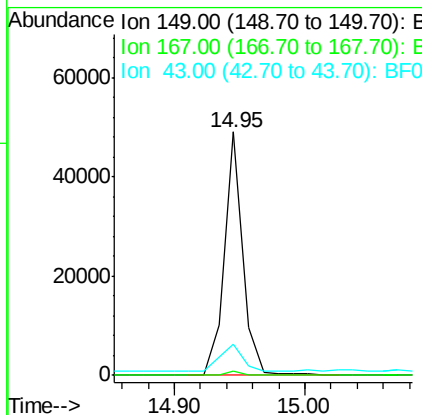
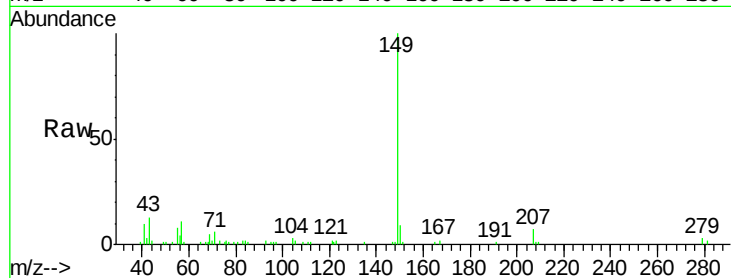
167 1.3 0.6 1.0#

43 13.7 11.6 17.4

Manual Integrations
APPROVED

apatel

7/29/2015 10:41:23 AM



#85

Indeno(1,2,3-cd)pyrene

Concen: 340.02 ng

RT: 17.33 min Scan# 1334

Delta R.T. -0.07 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

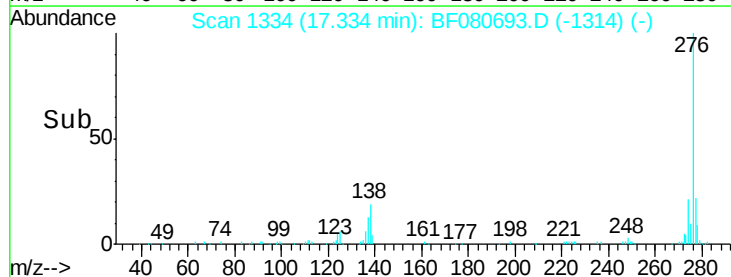
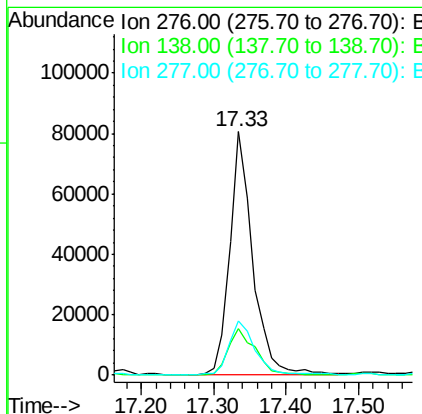
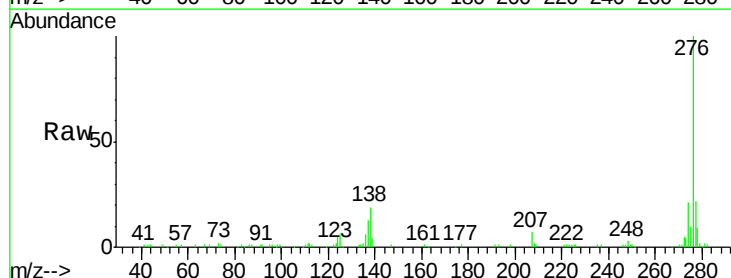
Tgt Ion:276 Resp: 177653

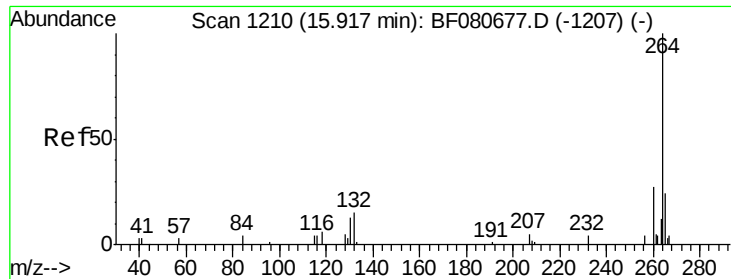
Ion Ratio Lower Upper

276 100

138 22.9 19.7 29.5

277 26.0 18.2 27.4





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.85 min Scan# 1204

Delta R.T. -0.07 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Instrument :

BNA_F

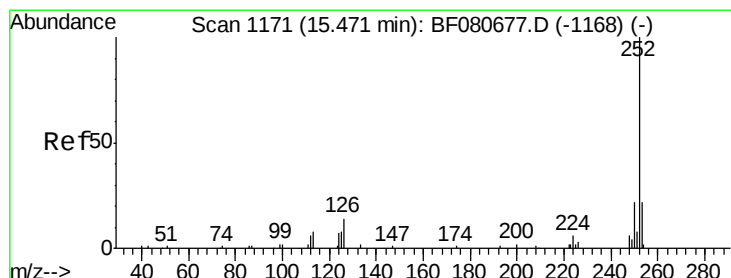
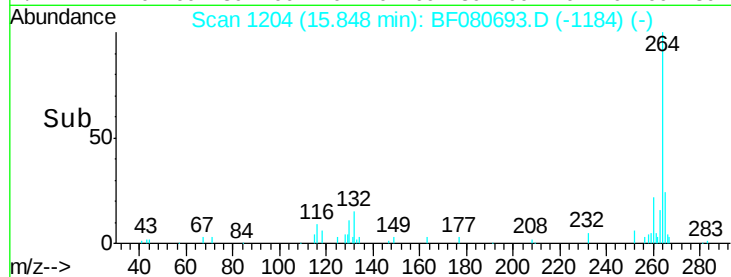
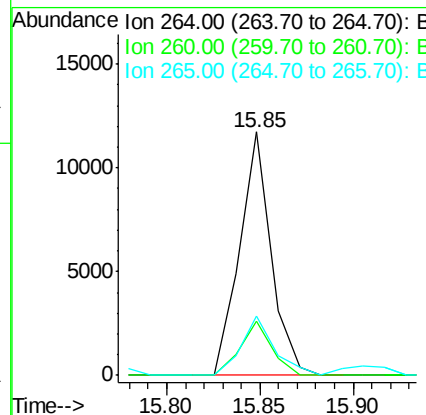
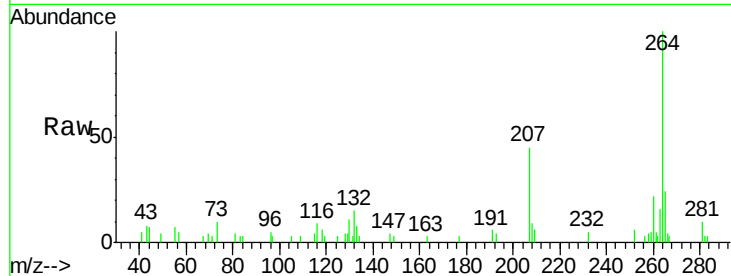
ClientSampleId :

DUMBO-EP-3MS

Tot Ion:	264	Resp:	13813
Ion Ratio	Lower	Upper	
264	100		
260	22.4	21.6	32.4
265	24.1	19.3	28.9

Manual Integrations
APPROVED

apatel
7/29/2015 10:41:23 AM



#87

Benzo(b)fluoranthene

Concen: 47.76 ng

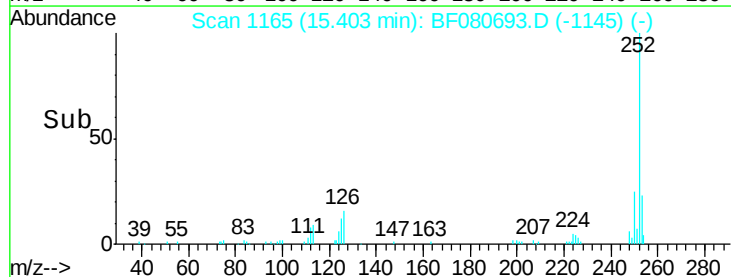
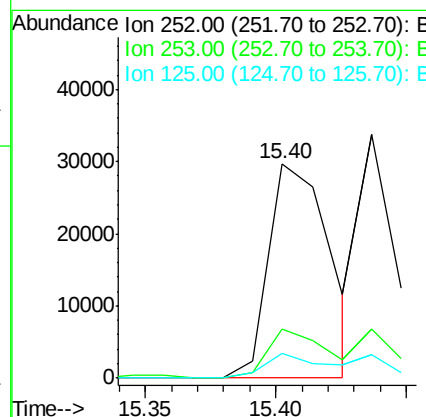
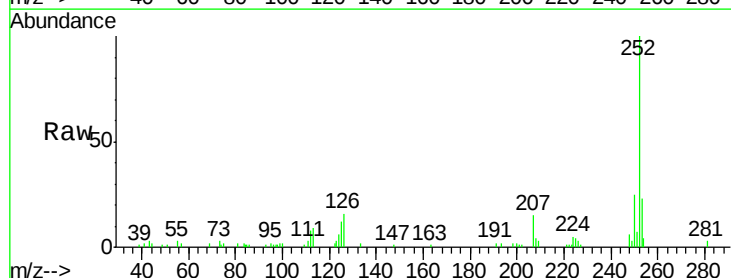
RT: 15.40 min Scan# 1165

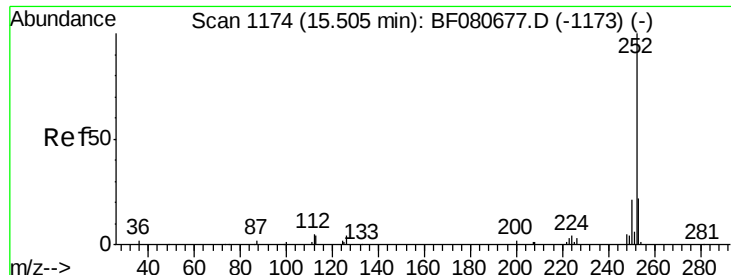
Delta R.T. -0.07 min

Lab File: BF080693.D

Acq: 28 Jul 2015 2:30

Tgt Ion:	252	Resp:	48038
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.8	26.8
125	11.7	6.7	10.1#





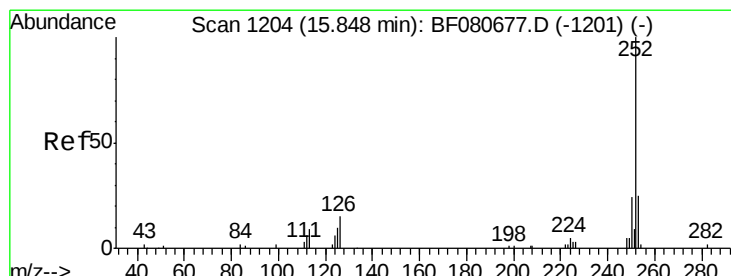
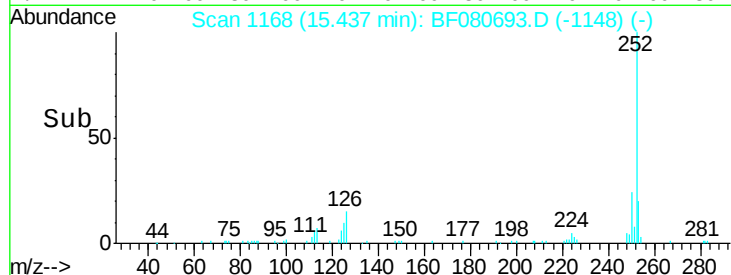
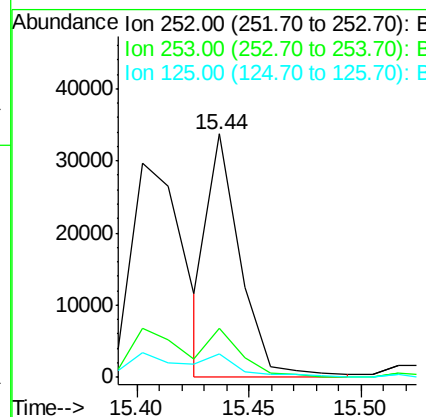
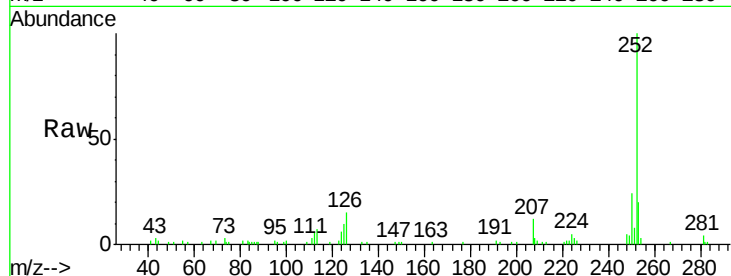
#88
Benzo(k)fluoranthene
Concen: 36.84 ng/mL
RT: 15.44 min Scan# 1168
Delta R.T. -0.07 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	33975		
253	20.2		17.8	26.6
125	9.5		6.7	10.1

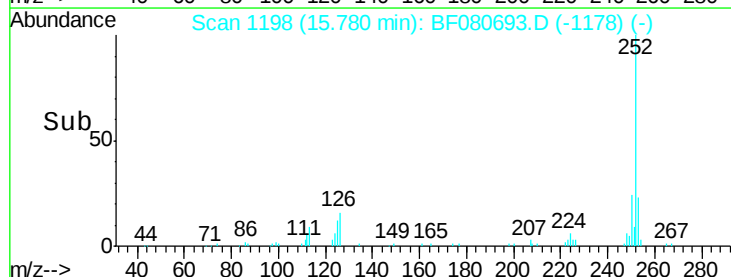
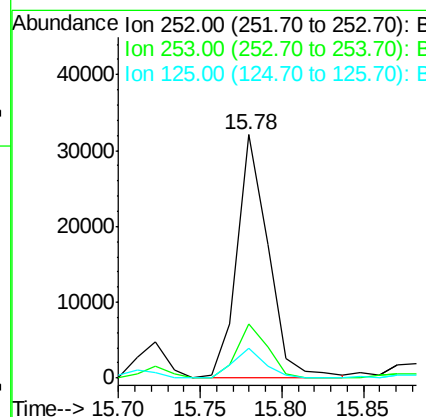
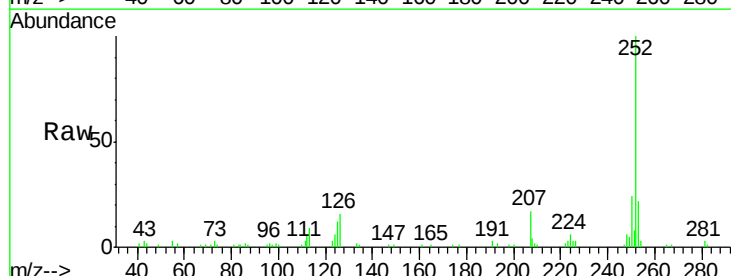
Manual Integrations
APPROVED

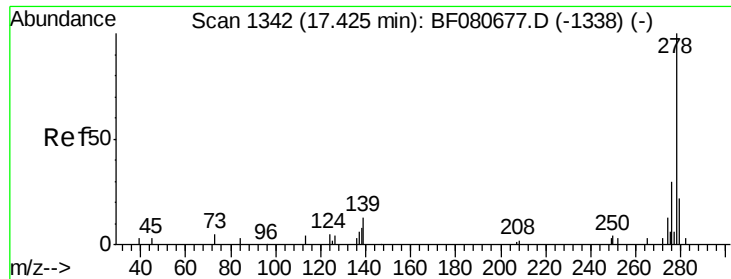
apatel
7/29/2015 10:41:23 AM



#89
Benzo(a)pyrene
Concen: 55.06 ng/mL
RT: 15.78 min Scan# 1198
Delta R.T. -0.07 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	42314		
253	22.4		20.2	30.2
125	12.3		8.4	12.6





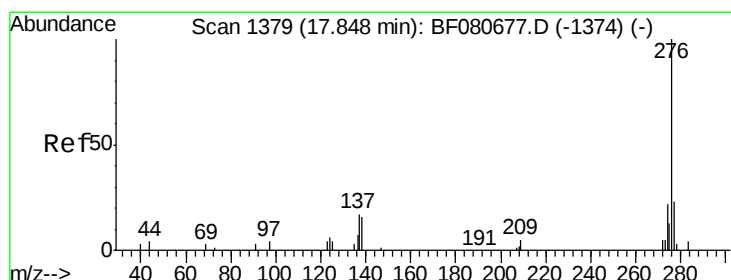
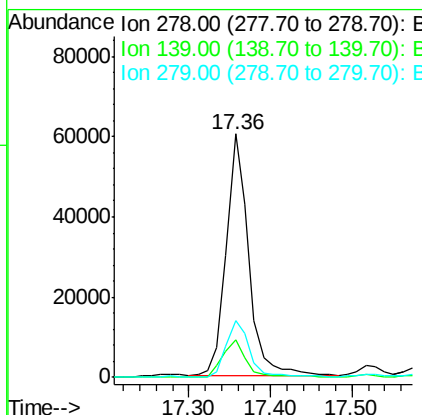
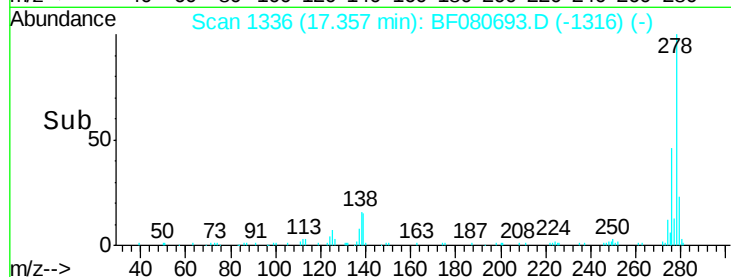
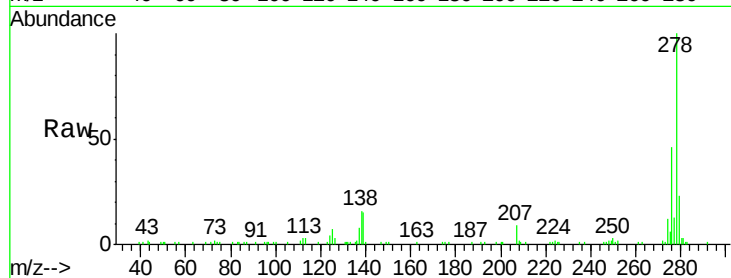
#90
Dibenzo(a,h)anthracene
Concen: 219.66 ng
RT: 17.36 min Scan# 1336
Delta R.T. -0.07 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.2	10.3	15.5
279	23.1	17.4	26.0

Manual Integrations
APPROVED

apatel
7/29/2015 10:41:23 AM



#91
Benzo(g,h,i)perylene
Concen: 411.72 ng
RT: 17.78 min Scan# 1373
Delta R.T. -0.07 min
Lab File: BF080693.D
Acq: 28 Jul 2015 2:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.7	28.1
138	19.3	12.7	19.1#

