

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
 Data File : BF086376.D
 Acq On : 23 Apr 2016 7:47
 Operator : UM/SJ
 Sample : H2634-10MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11MS

Manual Integrations
 APPROVED

sohil
 4/25/2016 12:35:48 PM

Quant Time: Apr 25 04:51:29 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 23 00:24:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	174629	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	711239	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	349650	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	662294	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	367293	20.00	ng	0.00
86) Perylene-d12	15.41	264	356114	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	647409	64.02	ng	0.01
7) Phenol-d6	6.48	99	594079	43.21	ng	0.00
23) Nitrobenzene-d5	7.41	82	970510	80.83	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	374219	118.23	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1666472	81.33	ng	0.00
78) Terphenyl-d14	12.95	244	1275574	86.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	84954	15.19	ng	98
3) Pyridine	3.20	79	198205	14.88	ng	96
4) n-Nitrosodimethylamine	3.10	42	83047	16.43	ng	87
6) Aniline	6.50	93	354711	21.14	ng	93
8) 2-Chlorophenol	6.62	128	419061	33.94	ng	97
9) Benzaldehyde	6.38	77	86193	10.32	ng	89
10) Phenol	6.49	94	239269	14.74	ng	99
11) bis(2-Chloroethyl)ether	6.58	93	498597	35.28	ng	95
12) 1,3-Dichlorobenzene	6.78	146	473553	35.97	ng	97
13) 1,4-Dichlorobenzene	6.86	146	483351	33.42	ng	98
14) 1,2-Dichlorobenzene	7.01	146	453058	34.48	ng	96
15) Benzyl Alcohol	6.99	79	255634	31.33	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	642393	34.68	ng	99
17) 2-Methylphenol	7.10	107	297689	29.43	ng	98
18) Hexachloroethane	7.36	117	199126	40.88	ng	92
19) n-Nitroso-di-n-propylamine	7.26	70	323559	39.39	ng	96
20) 3+4-Methylphenols	7.25	107	288084	26.86	ng	# 68
22) Acetophenone	7.25	105	653586	43.80	ng	92
24) Nitrobenzene	7.42	77	492352	38.23	ng	96
25) Isophorone	7.66	82	909939	38.67	ng	98
26) 2-Nitrophenol	7.74	139	275665	43.32	ng	97
27) 2,4-Dimethylphenol	7.79	122	402692	36.96	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	594804	45.27	ng	99
29) 2,4-Dichlorophenol	7.98	162	399359	44.34	ng	100
30) 1,2,4-Trichlorobenzene	8.06	180	397658	40.65	ng	# 95
31) Naphthalene	8.14	128	1400984	38.67	ng	98
32) Benzoic acid	7.87	122	94028	13.50	ng	# 77
33) 4-Chloroaniline	8.20	127	199554	14.14	ng	99
34) Hexachlorobutadiene	8.27	225	193914	39.69	ng	98
35) Caprolactam	8.62	113	27461	8.50	ng	# 85
36) 4-Chloro-3-methylphenol	8.68	107	419876	39.22	ng	96
37) 2-Methylnaphthalene	8.84	142	943088	45.13	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	344779	38.11	ng	99
40) Hexachlorocyclopentadiene	8.99	237	307173	69.52	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
 Data File : BF086376.D
 Acq On : 23 Apr 2016 7:47
 Operator : UM/SJ
 Sample : H2634-10MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11MS

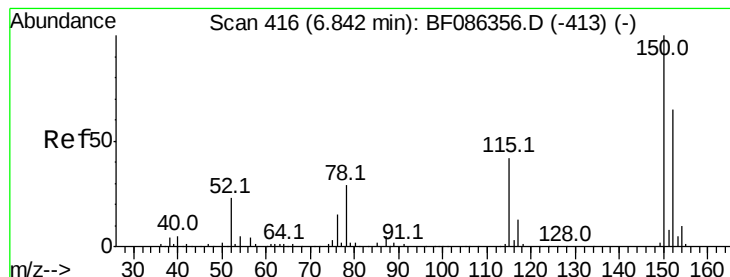
Manual Integrations
 APPROVED

sohil
 4/25/2016 12:35:48 PM

Quant Time: Apr 25 04:51:29 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 23 00:24:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	259190	43.70	nq	98
43) 2,4,5-Trichlorophenol	9.16	196	287438	39.36	nq	96
45) 1,1'-Biphenyl	9.31	154	1105849	40.77	nq	99
46) 2-Chloronaphthalene	9.33	162	881178	41.04	nq	97
47) 2-Nitroaniline	9.42	65	297289	44.47	nq	98
48) Acenaphthylene	9.74	152	1434407	41.20	nq	100
49) Dimethylphthalate	9.61	163	1019393	40.36	nq	99
50) 2,6-Dinitrotoluene	9.66	165	224859	41.21	nq	97
51) Acenaphthene	9.92	154	970444	45.38	nq	99
52) 3-Nitroaniline	9.84	138	105953	15.51	nq	99
53) 2,4-Dinitrophenol	9.94	184	224798	79.25	nq	90
54) Dibenzofuran	10.09	168	1237694	45.06	nq	100
55) 4-Nitrophenol	10.00	139	164940	34.51	nq	88
56) 2,4-Dinitrotoluene	10.06	165	321288	44.34	nq	98
57) Fluorene	10.43	166	943677	41.93	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	249944	46.83	nq	96
59) Diethylphthalate	10.30	149	970309	40.12	nq	99
60) 4-Chlorophenyl-phenylether	10.42	204	380814	38.69	nq	98
61) 4-Nitroaniline	10.45	138	260113	37.20	nq	98
62) Azobenzene	10.58	77	1086865	43.33	nq	98
64) 4,6-Dinitro-2-methylphenol	10.48	198	163065	40.29	nq	96
65) n-Nitrosodiphenylamine	10.54	169	873485	42.77	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	267590	41.26	nq	94
67) Hexachlorobenzene	10.97	284	280582	40.55	nq	# 60
68) Atrazine	11.08	200	251778	39.93	nq	98
69) Pentachlorophenol	11.17	266	336020	82.70	nq	97
70) Phenanthrene	11.39	178	1376974	41.38	nq	100
71) Anthracene	11.44	178	1447757	37.97	nq	99
72) Carbazole	11.60	167	1459421	40.75	nq	100
73) Di-n-butylphthalate	11.93	149	1477849	39.23	nq	99
74) Fluoranthene	12.57	202	1250776	34.85	nq	98
77) Pyrene	12.80	202	1266817	49.45	nq	99
79) Butylbenzylphthalate	13.43	149	573207	48.03	nq	99
80) Benzo(a)anthracene	13.99	228	906128	47.52	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	28627	2.18	nq	# 92
82) Chrysene	14.02	228	845125	39.34	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	623839	46.69	nq	98
84) Di-n-octyl phthalate	14.59	149	1077766	42.01	nq	98
85) Indeno(1,2,3-cd)pyrene	16.80	276	994217	52.06	nq	99
87) Benzo(b)fluoranthene	15.01	252	948348m	48.52	nq	
88) Benzo(k)fluoranthene	15.04	252	724657m	37.77	nq	
89) Benzo(a)pyrene	15.36	252	828023	42.94	nq	97
90) Dibenzo(a,h)anthracene	16.81	278	840500	52.84	nq	99
91) Benzo(g,h,i)perylene	17.21	276	874701	53.27	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

ClientSampleId :

MW-11MS

Tot Ion:152 Resp: 174629

Ion Ratio Lower Upper

152 100

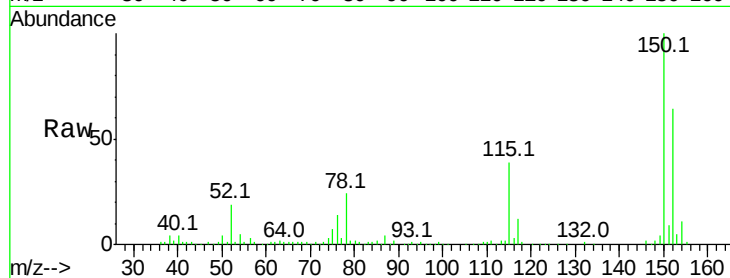
150 156.9 125.8 188.6

115 60.6 51.5 77.3

Manual Integrations
APPROVED

sohil

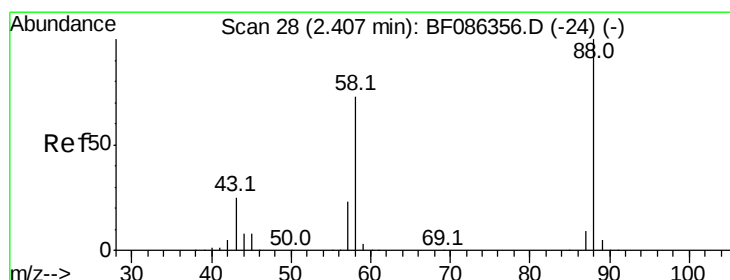
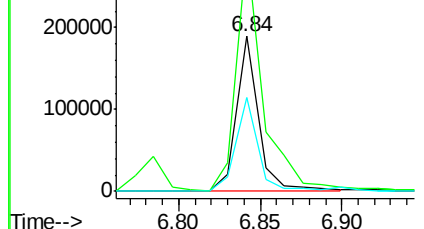
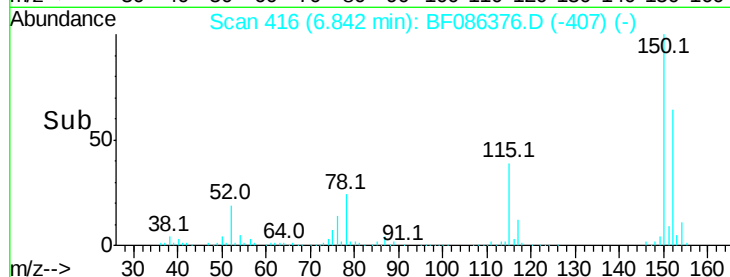
4/25/2016 12:35:48 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 15.19 ng

RT: 2.45 min Scan# 32

Delta R.T. 0.05 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

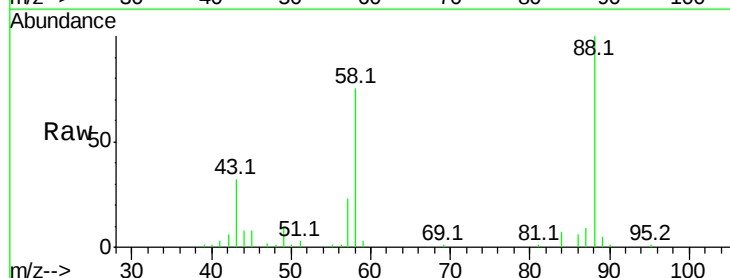
Tgt Ion: 88 Resp: 84954

Ion Ratio Lower Upper

88 100

58 73.2 59.6 89.4

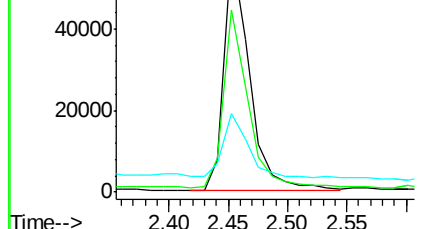
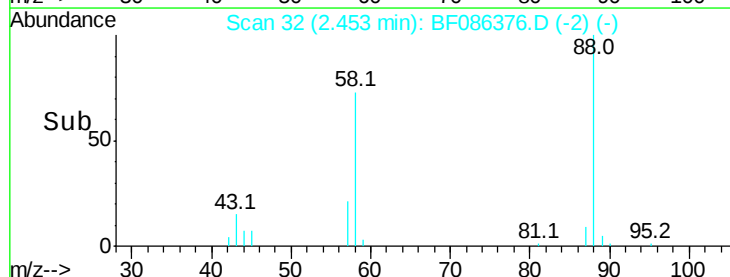
43 25.7 21.8 32.6

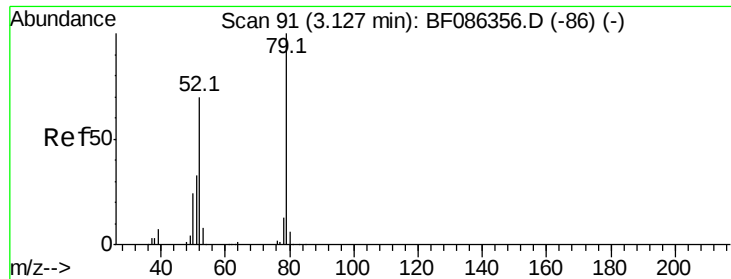


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 14.88 ng

RT: 3.20 min Scan# 97

Delta R.T. 0.07 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

ClientSampleId :

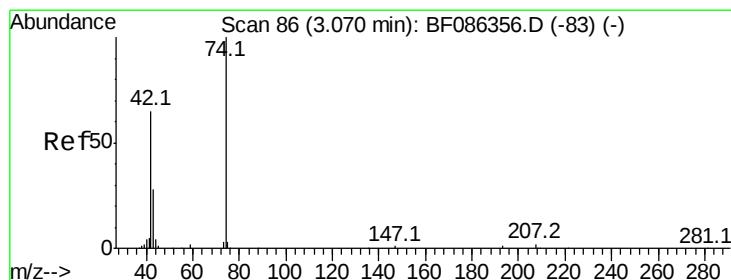
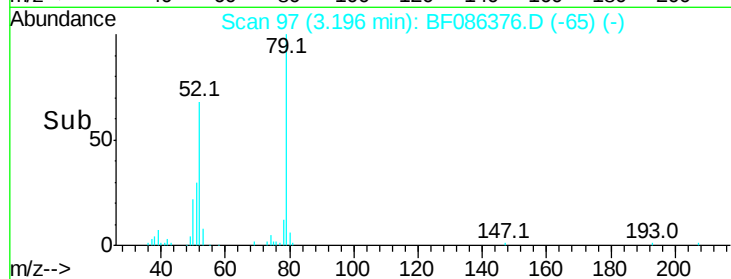
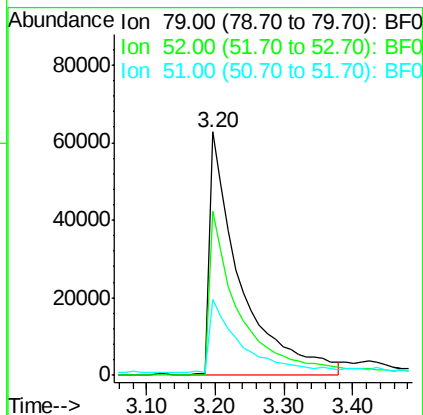
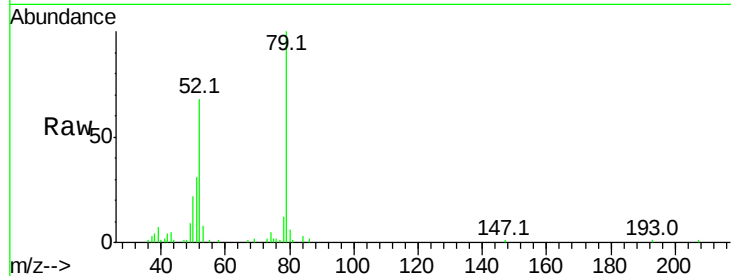
MW-11MS

Manual Integrations
APPROVED

sohil

4/25/2016 12:35:48 PM

Tot Ion	79	Resp	198205
Ion Ratio	Lower	Upper	
79	100		
52	67.7	55.9	83.9
51	31.4	28.1	42.1



#4

n-Nitrosodimethylamine

Concen: 16.43 ng

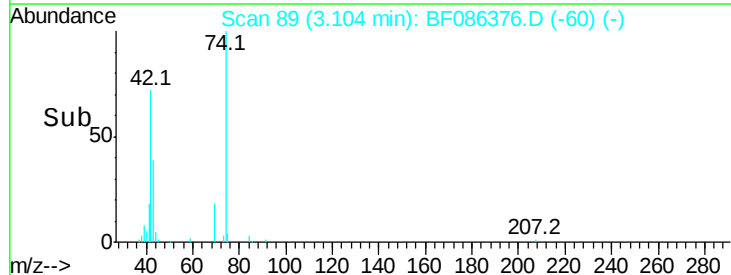
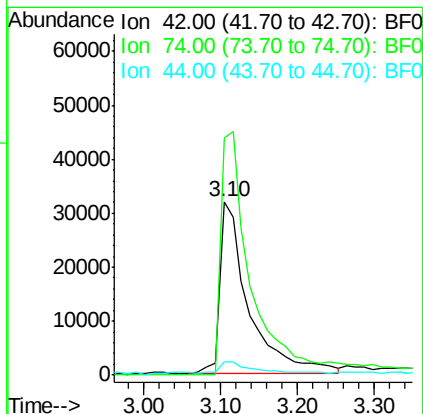
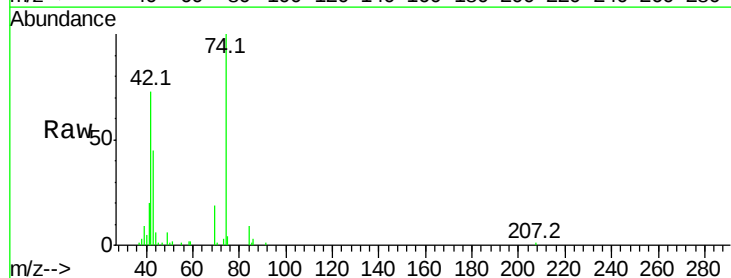
RT: 3.10 min Scan# 89

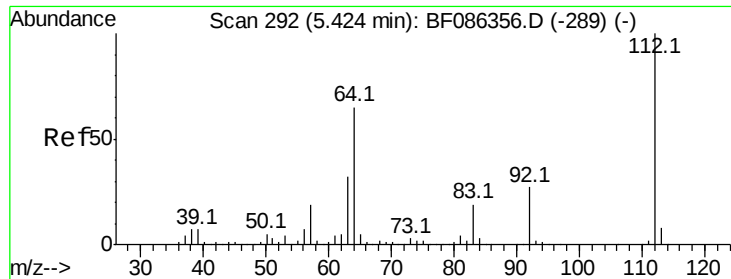
Delta R.T. 0.03 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Tgt Ion	42	Resp	83047
Ion Ratio	Lower	Upper	
42	100		
74	137.0	123.4	185.0
44	7.8	5.8	8.6





#5

2-Fluorophenol

Concen: 64.02 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

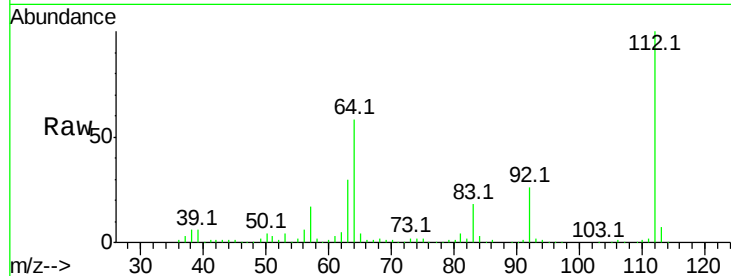
ClientSampleId :

MW-11MS

Tot Ion:	112	Resp:	647409
Ion Ratio	Lower	Upper	
112	100		
64	57.6	52.1	78.1
63	29.9	25.7	38.5

Manual Integrations
APPROVED

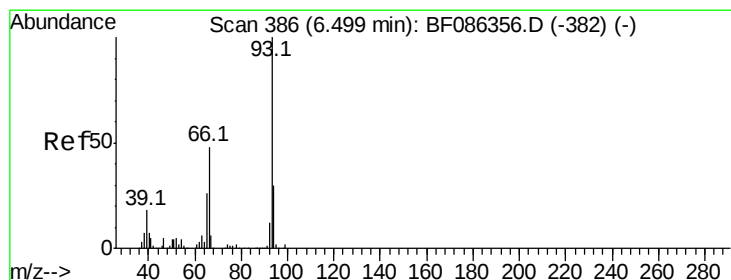
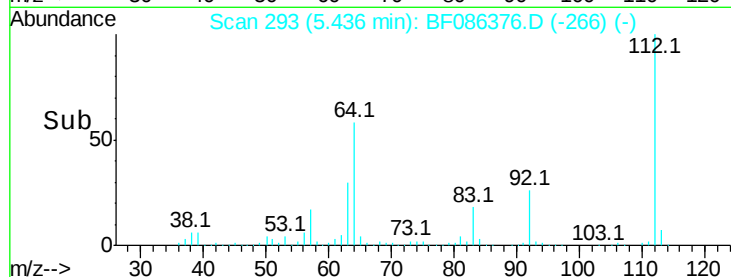
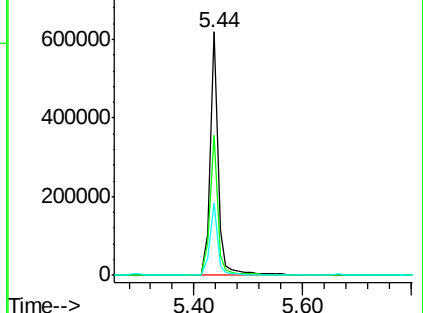
sohil
4/25/2016 12:35:48 PM



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.14 ng

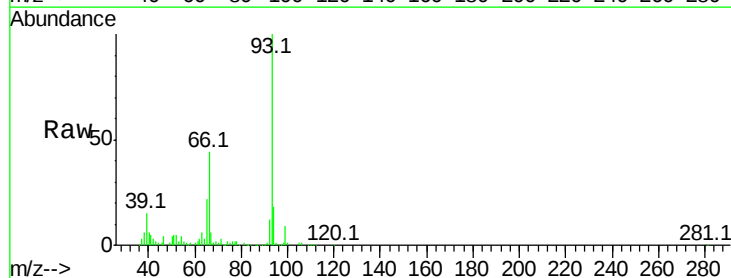
RT: 6.50 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

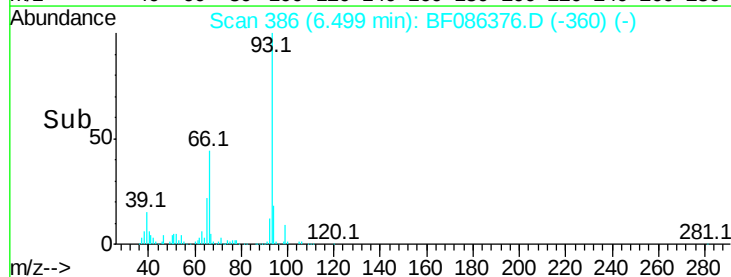
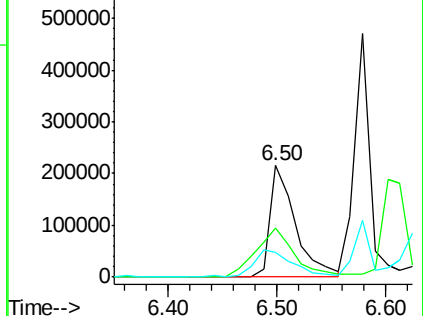
Tgt Ion:	93	Resp:	354711
Ion Ratio	Lower	Upper	
93	100		
66	43.7	39.0	58.6
65	22.4	20.6	31.0

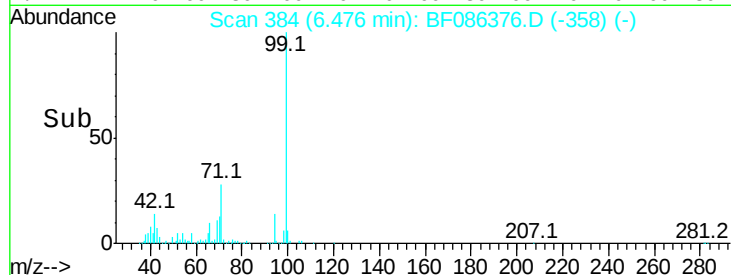
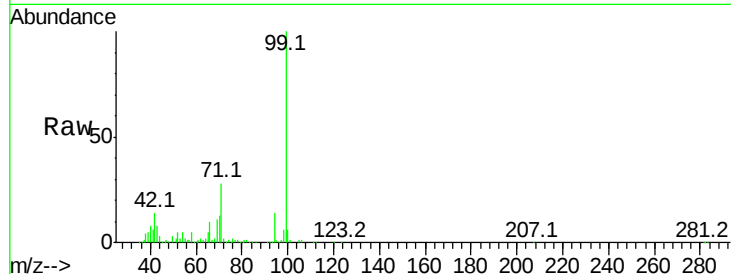
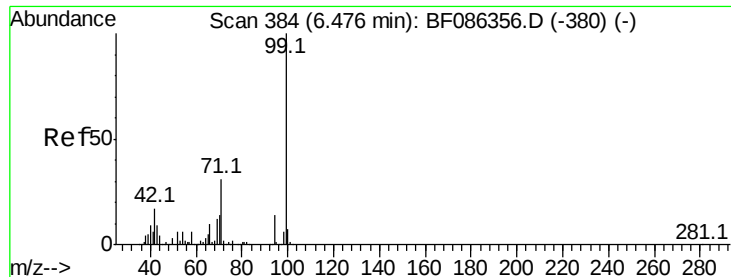


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 43.21 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF086376.D

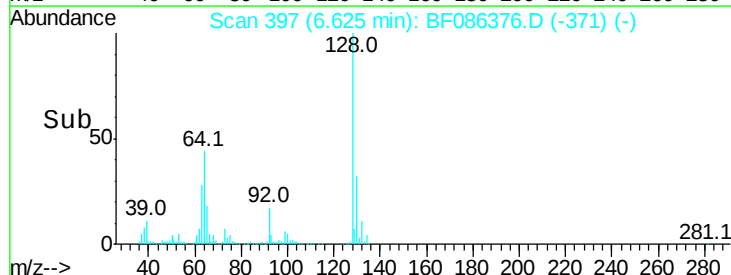
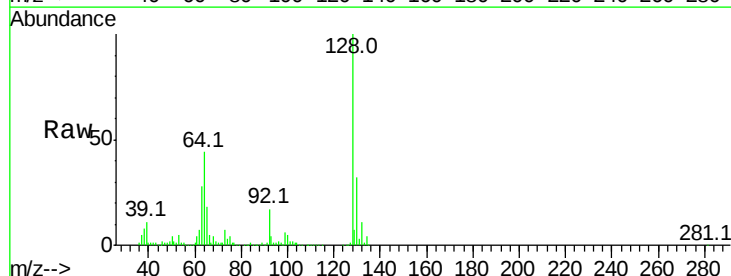
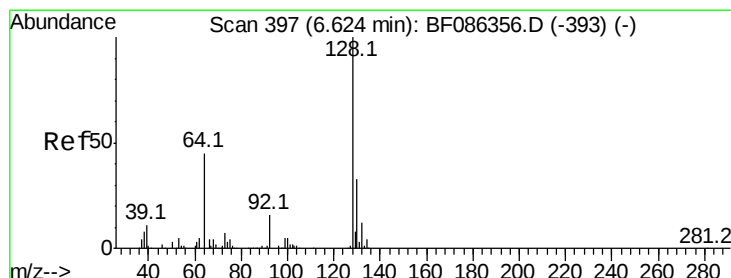
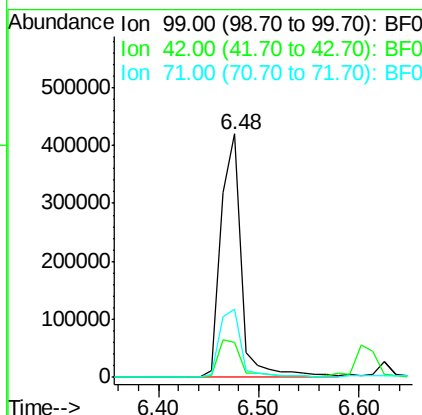
Acq: 23 Apr 2016 7:47

Tot Ion	99	Resp	594079
Ion Ratio	Lower	Upper	
99	100		
42	14.4	13.6	20.4
71	28.3	24.6	36.8

Instrument :
BNA_F
ClientSampled :
MW-11MS

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:48 PM



#8

2-Chlorophenol

Concen: 33.94 ng

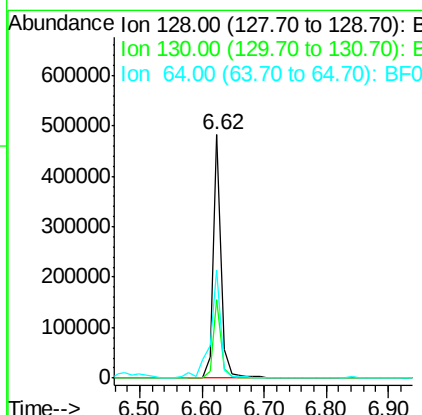
RT: 6.62 min Scan# 397

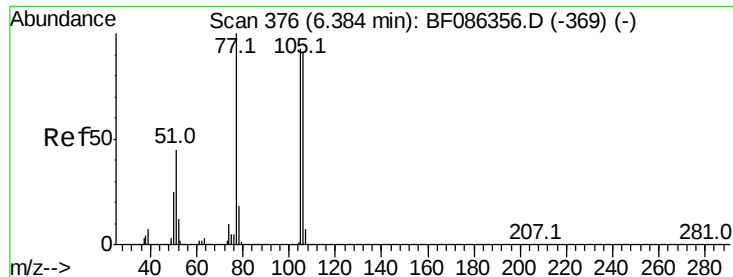
Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Tgt Ion	128	Resp	419061
Ion Ratio	Lower	Upper	
128	100		
130	32.4	12.5	52.5
64	44.5	27.3	67.3





#9

Benzaldehyde

Concen: 10.32 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

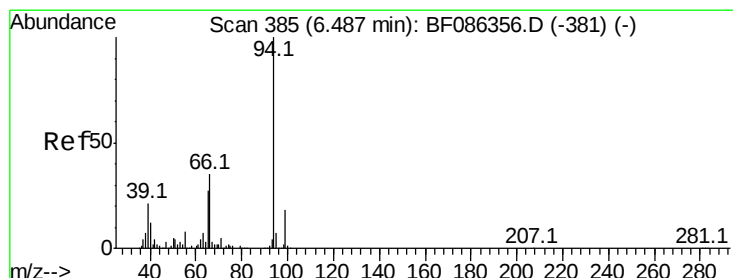
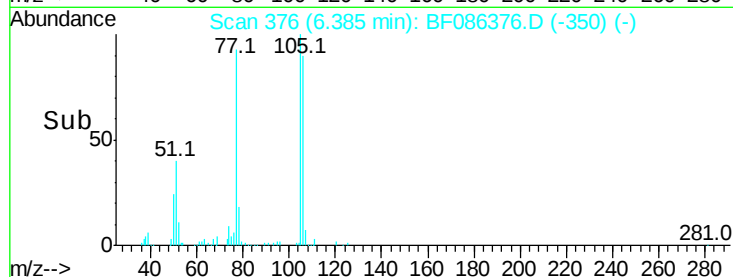
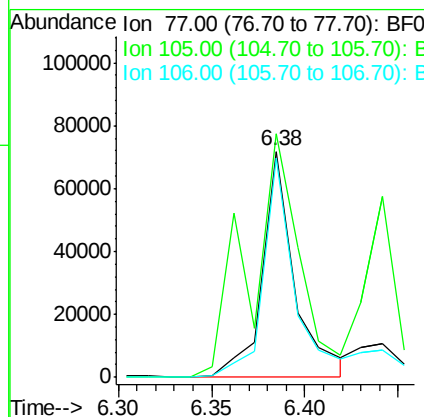
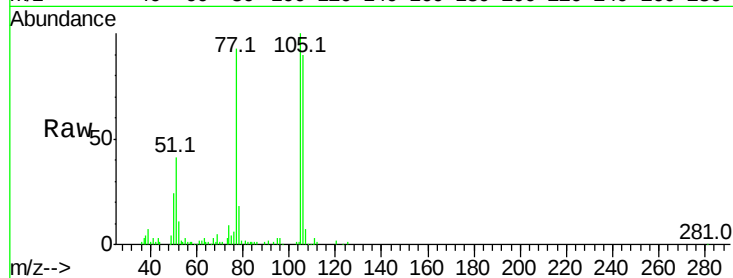
ClientSampleId :

MW-11MS

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:48 PM

Tot Ion	Ratio	Lower	Upper
77	100		
105	107.9	72.7	112.7
106	97.2	70.8	110.8



#10

Phenol

Concen: 14.74 ng

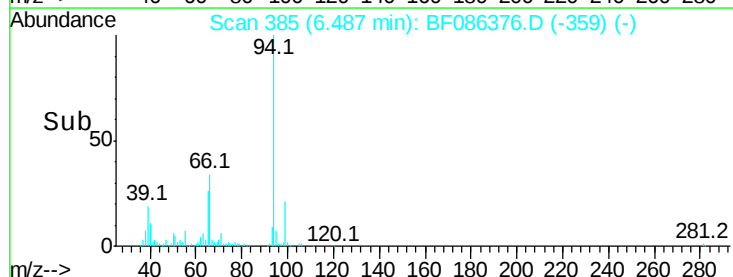
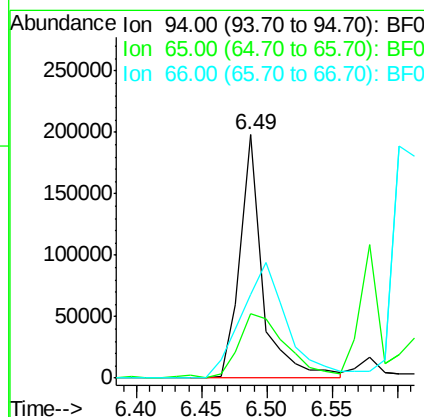
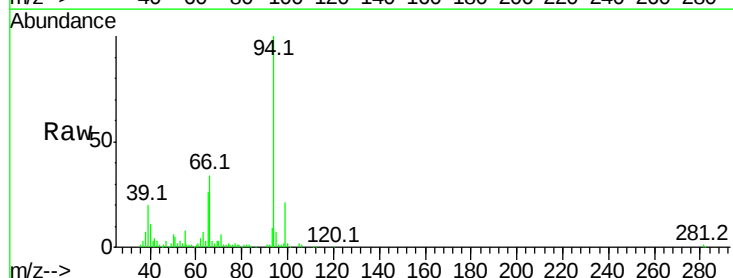
RT: 6.49 min Scan# 385

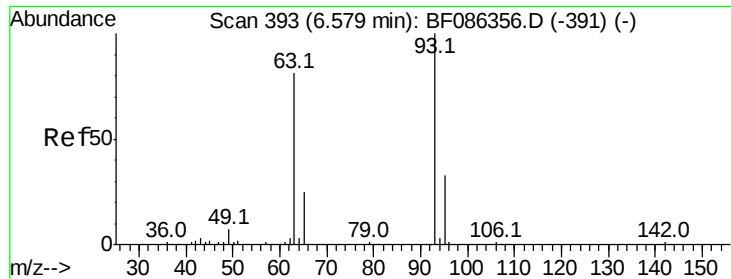
Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.4	7.2	47.2
66	34.5	14.9	54.9





#11

bis(2-Chloroethyl)ether

Concen: 35.28 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

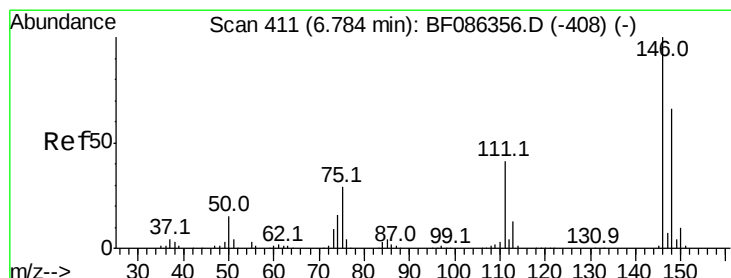
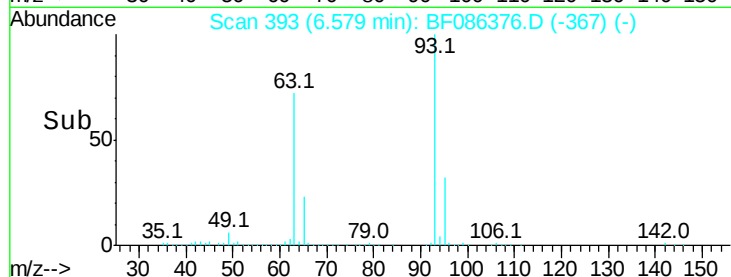
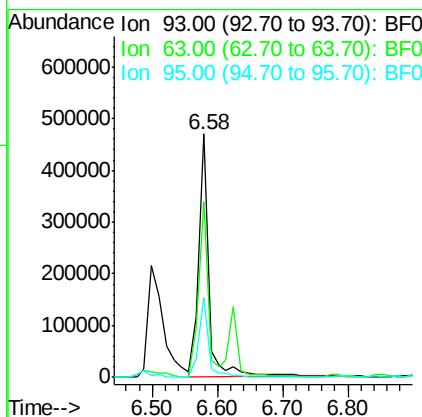
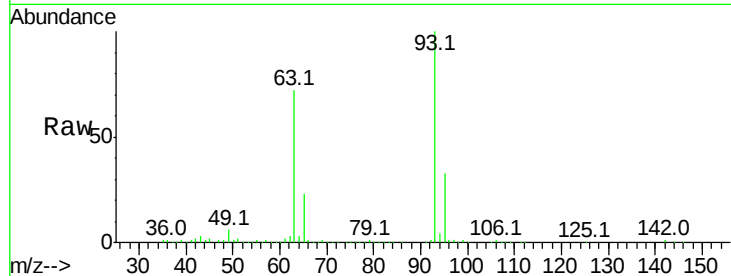
ClientSampleId :

MW-11MS

Tot Ion:	93	Resp:	498597
Ion Ratio	Lower	Upper	
93	100		
63	72.1	58.0	98.0
95	32.6	11.9	51.9

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:48 PM



#12

1,3-Dichlorobenzene

Concen: 35.97 ng

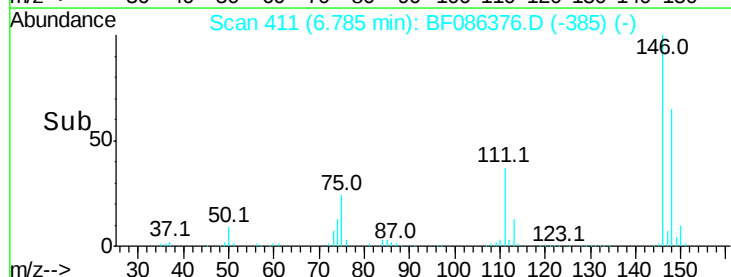
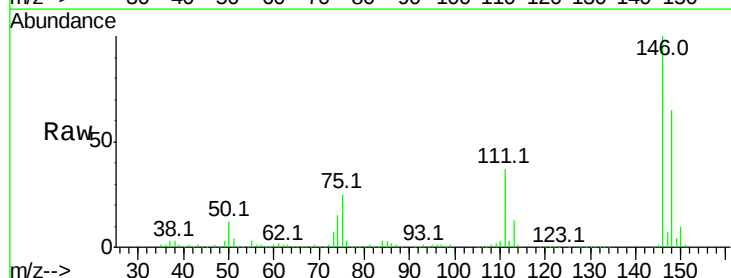
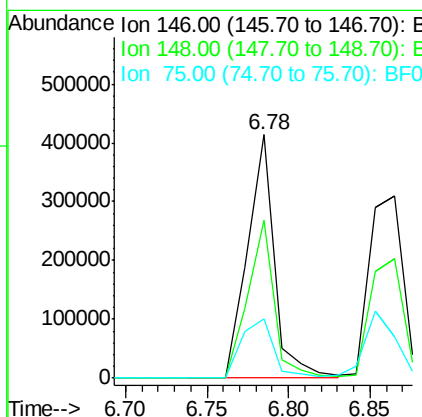
RT: 6.78 min Scan# 411

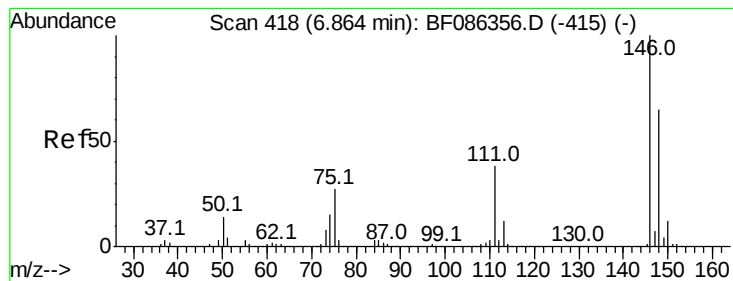
Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Tgt Ion:	146	Resp:	473553
Ion Ratio	Lower	Upper	
146	100		
148	64.7	52.4	78.6
75	24.5	22.8	34.2





#13

1,4-Dichlorobenzene

Concen: 33.42 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

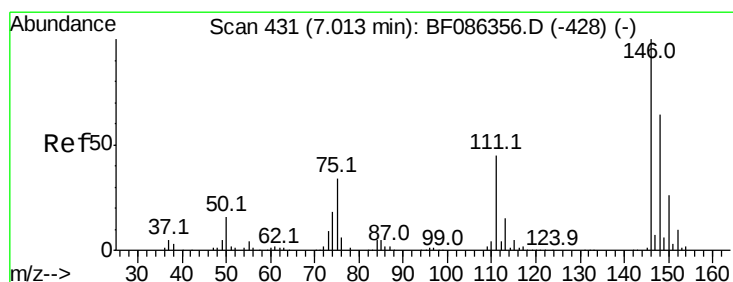
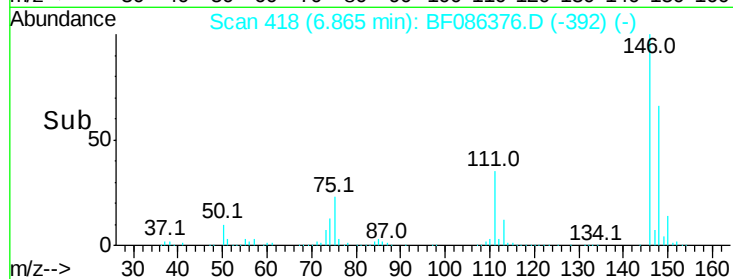
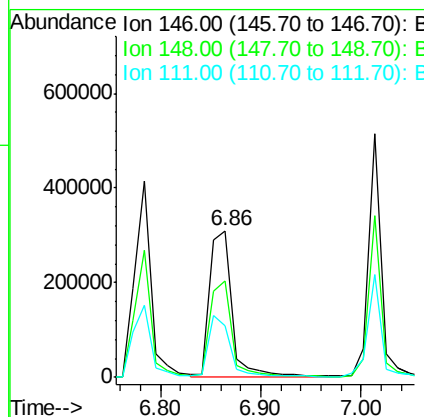
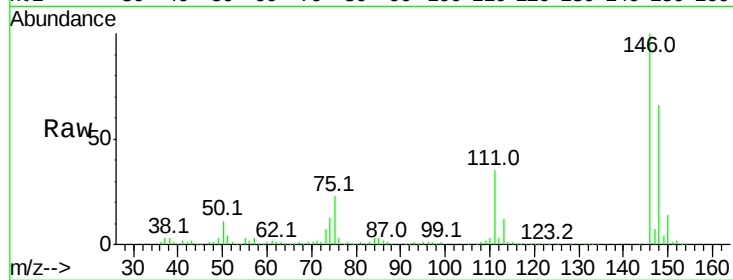
ClientSampleId :

MW-11MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.2	78.4
111	35.4	30.7	46.1

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:48 PM



#14

1,2-Dichlorobenzene

Concen: 34.48 ng

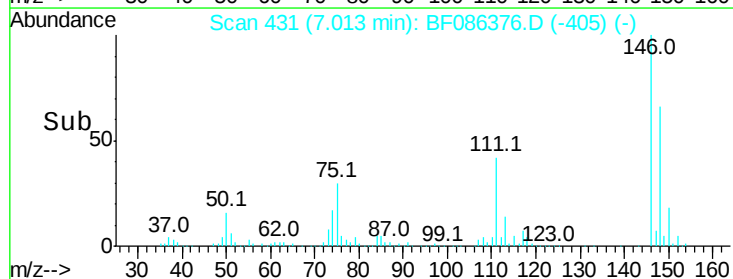
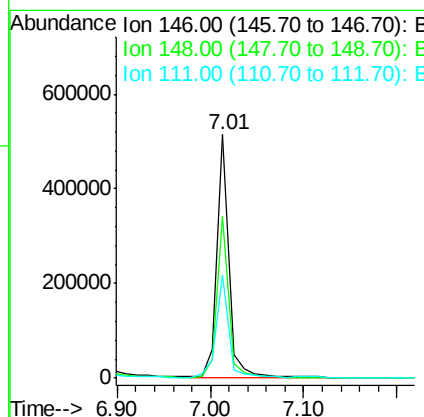
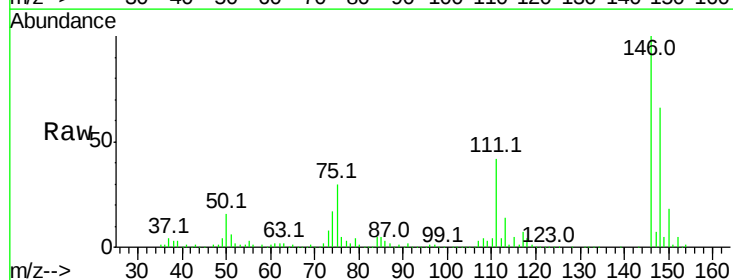
RT: 7.01 min Scan# 431

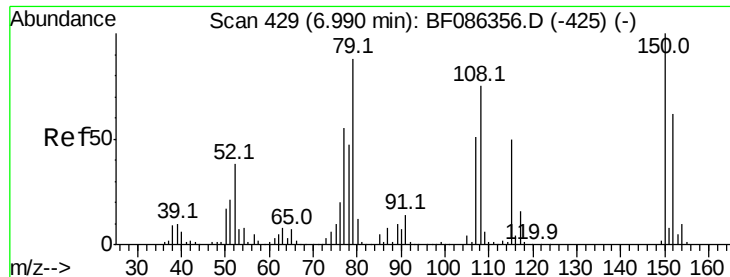
Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.3	51.0	76.6
111	42.4	36.2	54.4





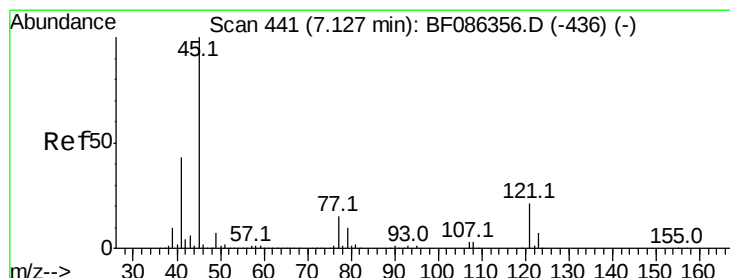
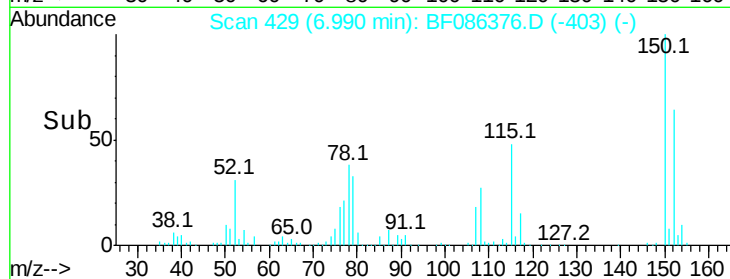
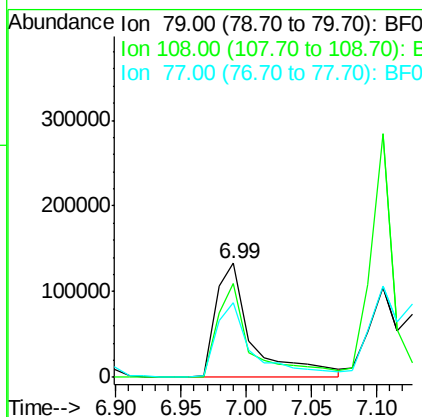
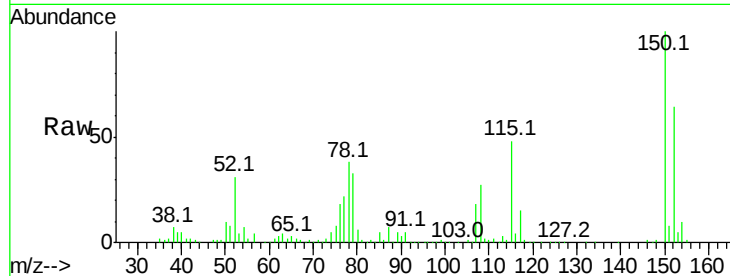
#15
Benzyl Alcohol
Concen: 31.33 ng
RT: 6.99 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF086376.D
Acq: 23 Apr 2016 7:47

Instrument :
BNA_F
ClientSampleID :
MW-11MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.3	68.4	102.6
77	65.3	50.6	76.0

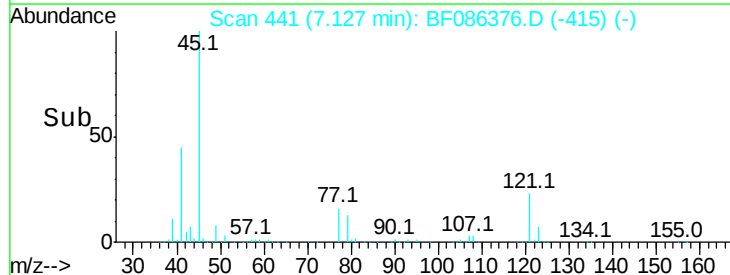
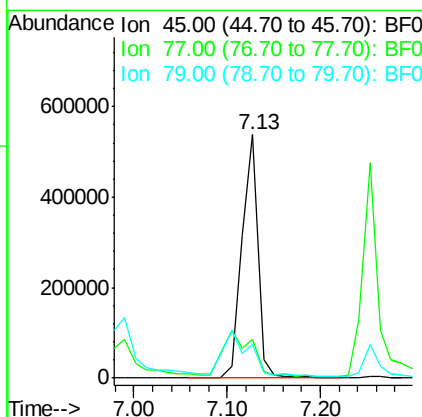
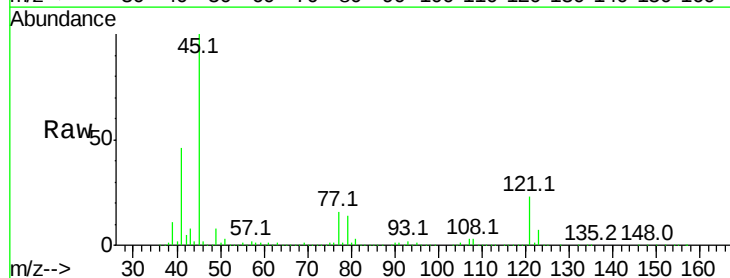
Manual Integrations
APPROVED

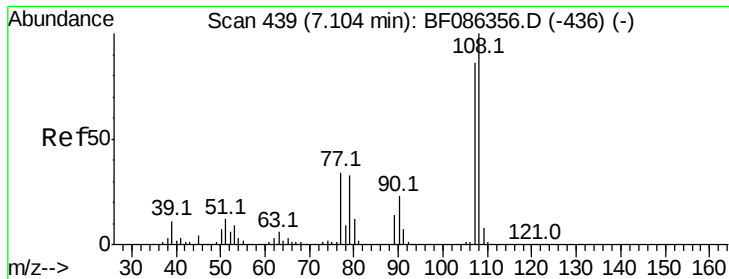
sohil
4/25/2016 12:35:48 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.68 ng
RT: 7.13 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF086376.D
Acq: 23 Apr 2016 7:47

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.0	0.0	36.4
79	13.6	0.0	33.4





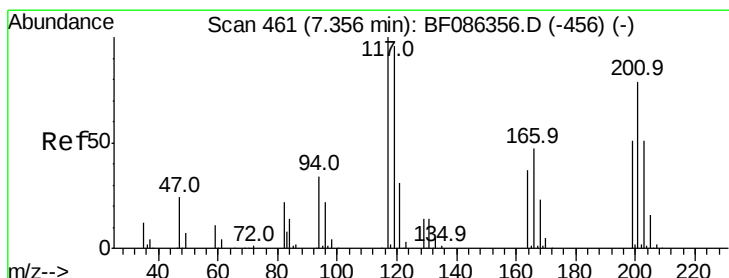
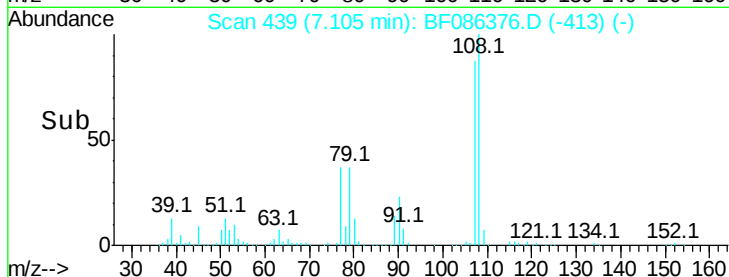
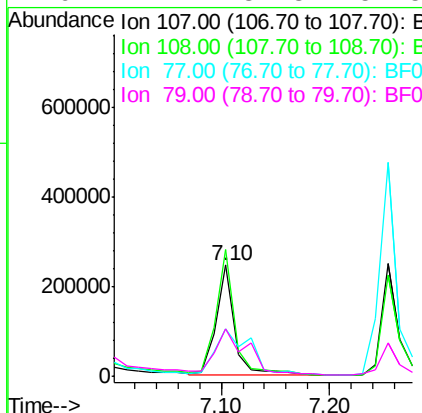
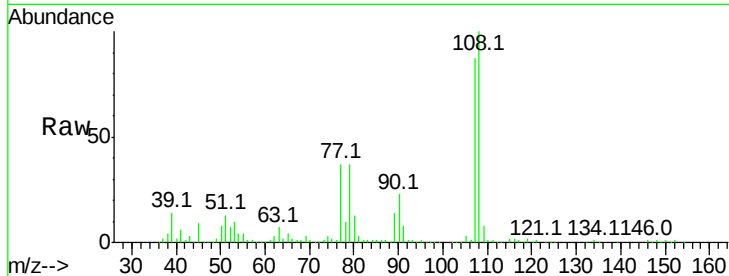
#17
2-Methylphenol
Concen: 29.43 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF086376.D
Acq: 23 Apr 2016 7:47

Instrument :
BNA_F
ClientSampleId :
MW-11MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	297689		
108	108	114.5	93.7	140.5	
77	77	42.9	33.4	50.0	
79	79	42.2	34.3	51.5	

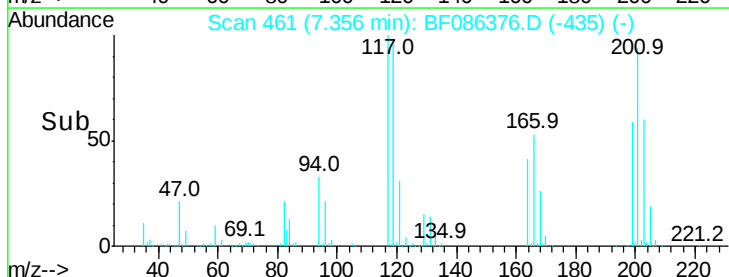
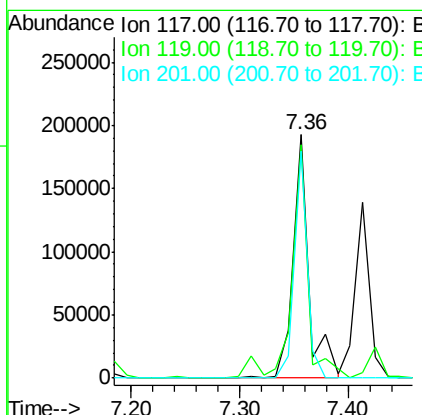
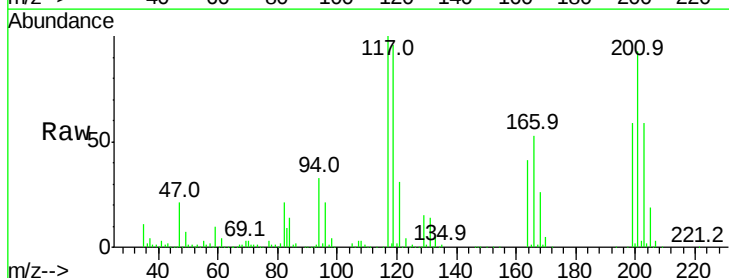
Manual Integrations
APPROVED

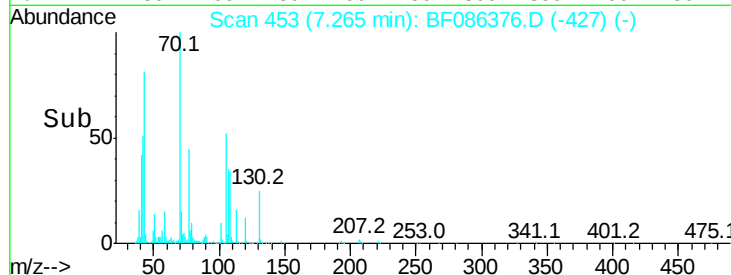
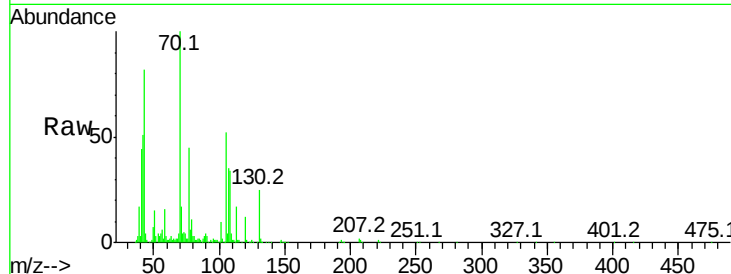
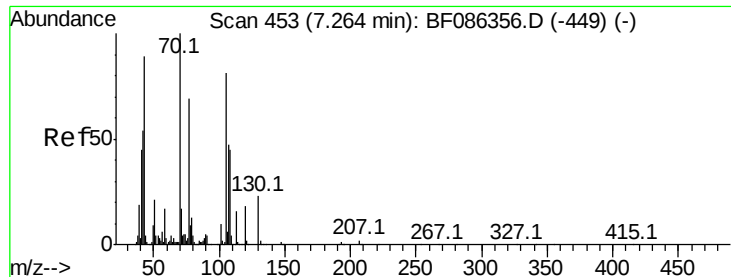
sohil
4/25/2016 12:35:48 PM



#18
Hexachloroethane
Concen: 40.88 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF086376.D
Acq: 23 Apr 2016 7:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	199126		
119	119	96.0	76.5	114.7	
201	201	93.1	63.0	94.6	





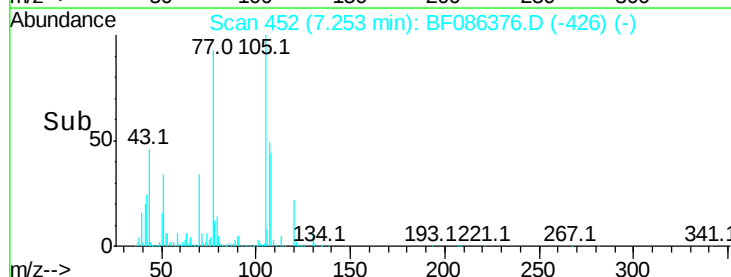
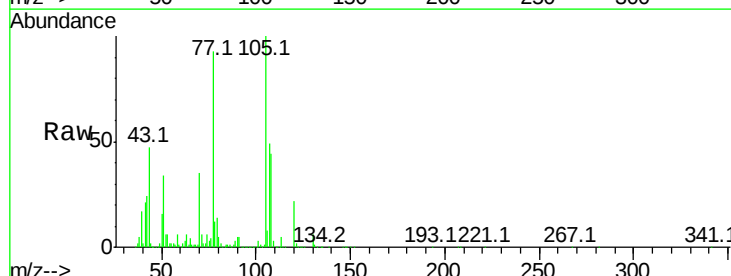
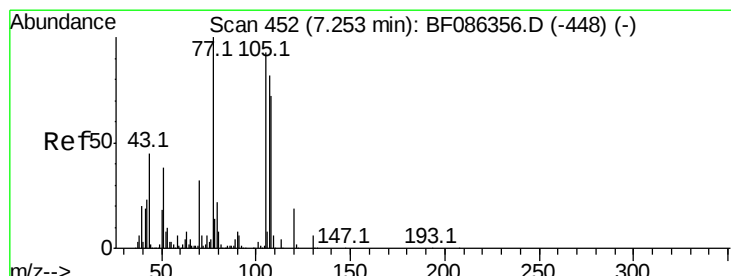
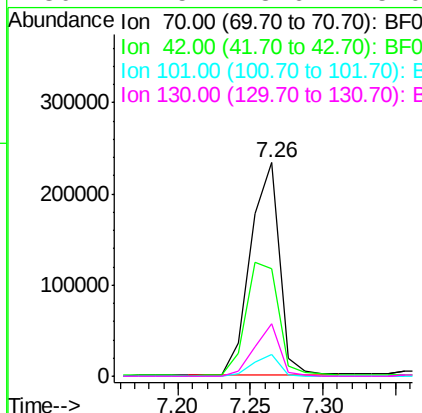
#19
n-Nitroso-di-n-propylamine
Concen: 39.39 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF086376.D
Acq: 23 Apr 2016 7:47

Instrument :
BNA_F
ClientSampleId :
MW-11MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.6	43.1	64.7
101	10.1	8.1	12.1
130	24.5	18.6	28.0

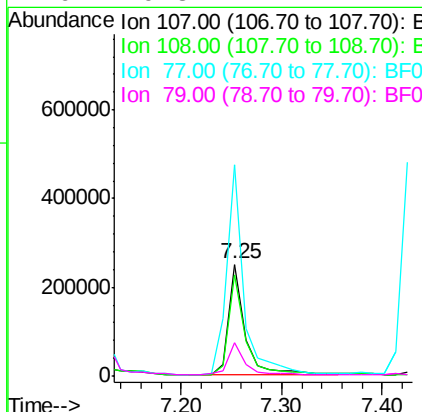
Manual Integrations
APPROVED

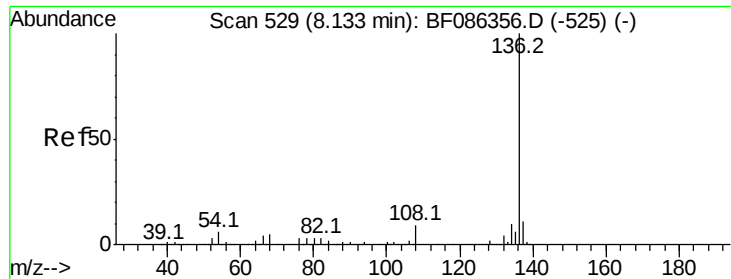
sohil
4/25/2016 12:35:48 PM



#20
3+4-Methylphenols
Concen: 26.86 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF086376.D
Acq: 23 Apr 2016 7:47

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.1	68.5	108.5
77	189.4	101.6	141.6#
79	29.3	7.4	47.4





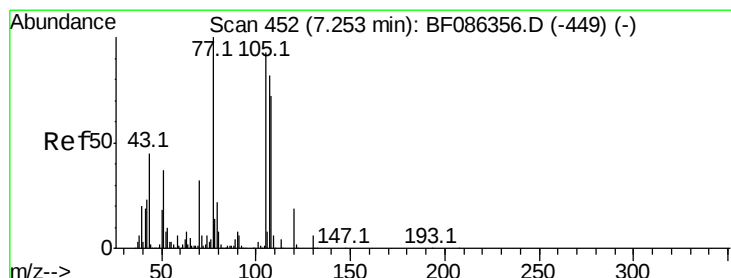
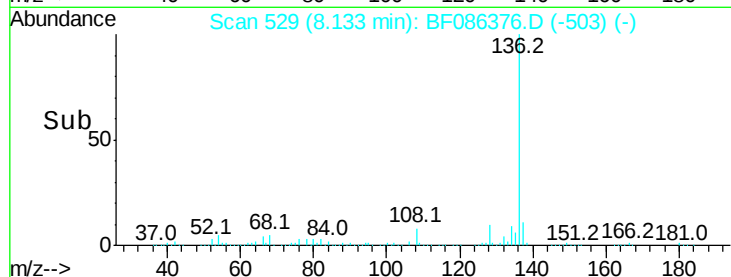
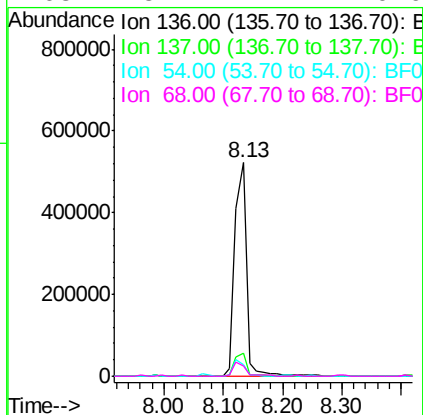
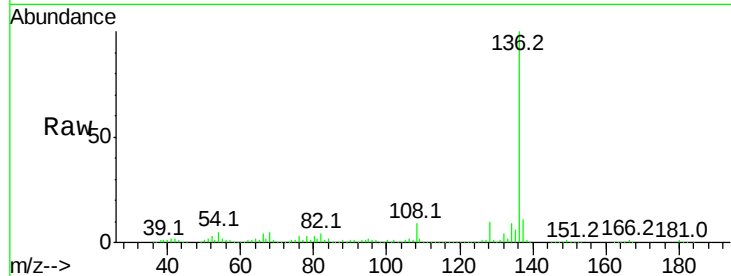
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF086376.D
Acq: 23 Apr 2016 7:47

Instrument :
BNA_F
ClientSampleId :
MW-11MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	711239		
137	10.6	8.8	13.2	
54	5.4	5.0	7.4	
68	5.1	4.4	6.6	

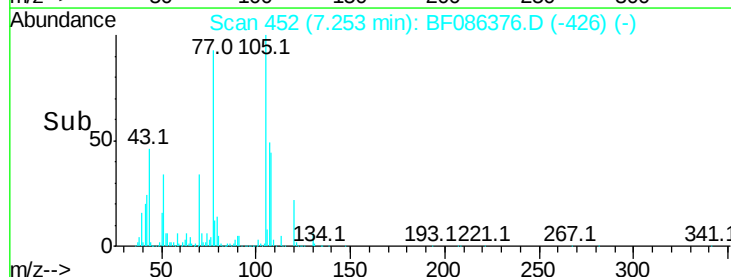
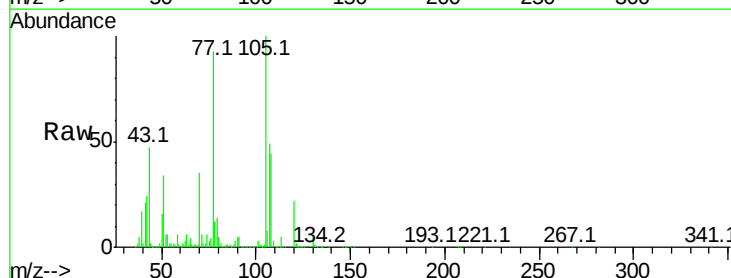
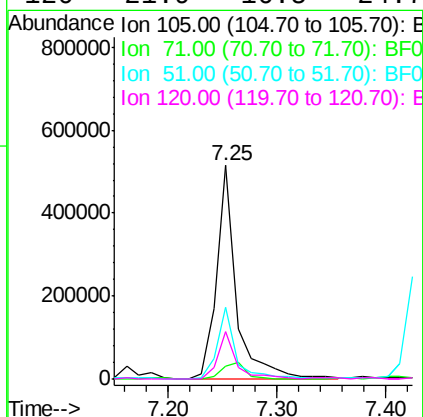
Manual Integrations
APPROVED

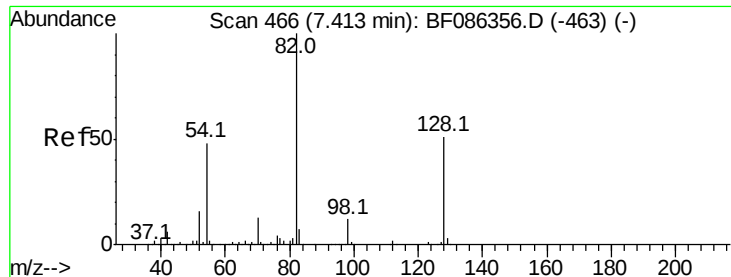
sohil
4/25/2016 12:35:48 PM



#22
Acetophenone
Concen: 43.80 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF086376.D
Acq: 23 Apr 2016 7:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	653586		
71	6.2	4.8	7.2	
51	33.9	32.6	49.0	
120	21.9	16.5	24.7	





#23

Nitrobenzene-d5

Concen: 80.83 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

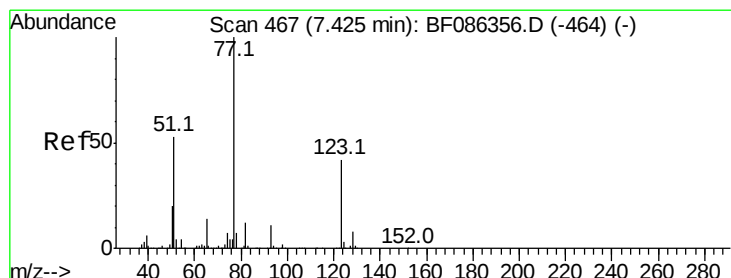
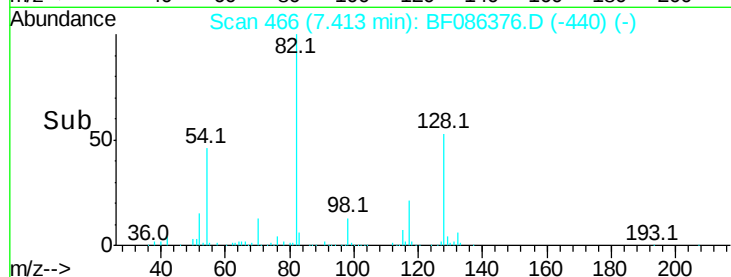
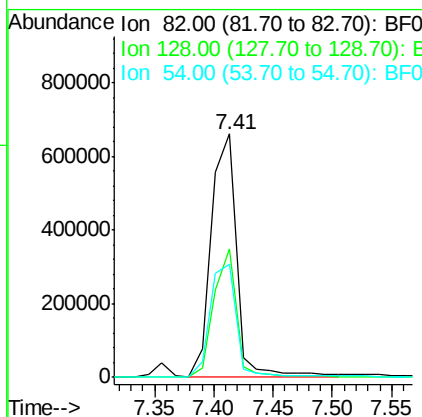
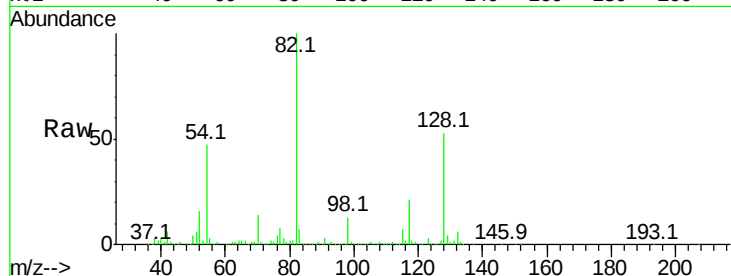
ClientSampled :

MW-11MS

Tot Ion:	82	Resp:	970510
Ion Ratio	Lower	Upper	
82	100		
128	52.6	40.6	61.0
54	46.6	38.1	57.1

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:48 PM



#24

Nitrobenzene

Concen: 38.23 ng

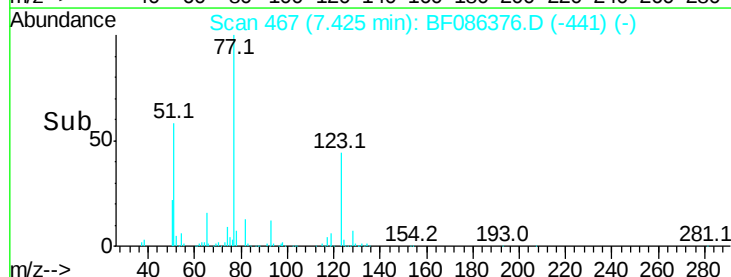
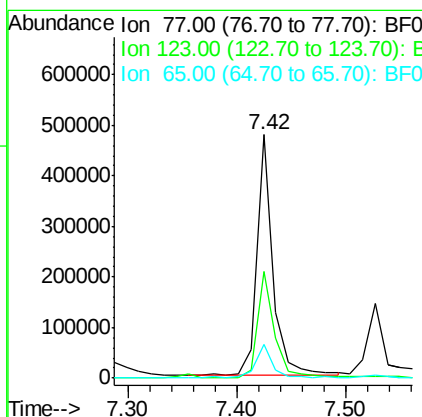
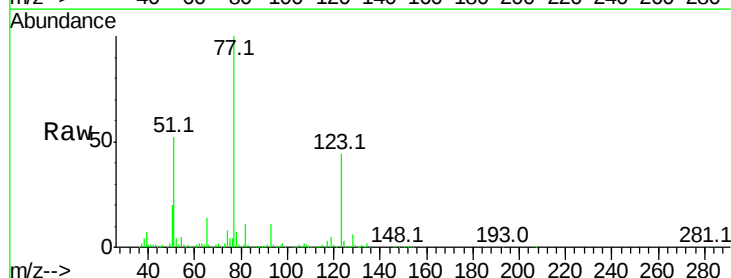
RT: 7.42 min Scan# 467

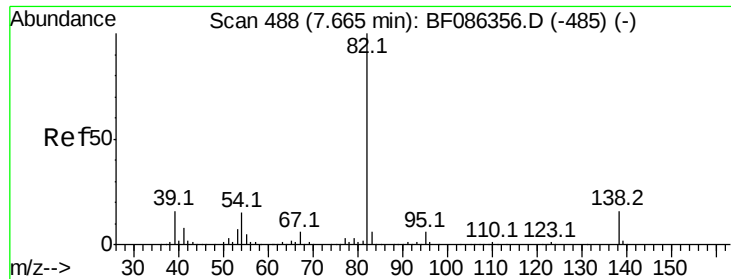
Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Tgt Ion:	77	Resp:	492352
Ion Ratio	Lower	Upper	
77	100		
123	44.0	33.0	49.4
65	13.7	10.8	16.2





#25

Isophorone

Concen: 38.67 ng

RT: 7.66 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

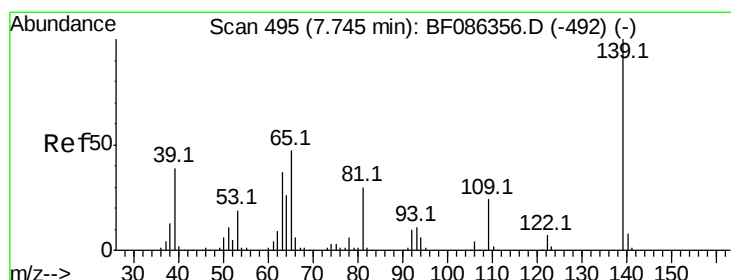
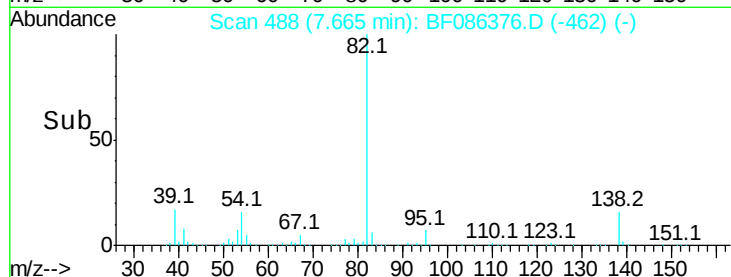
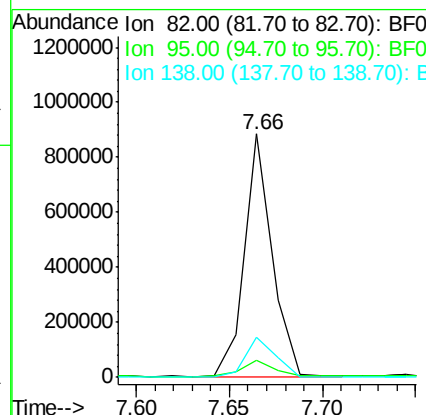
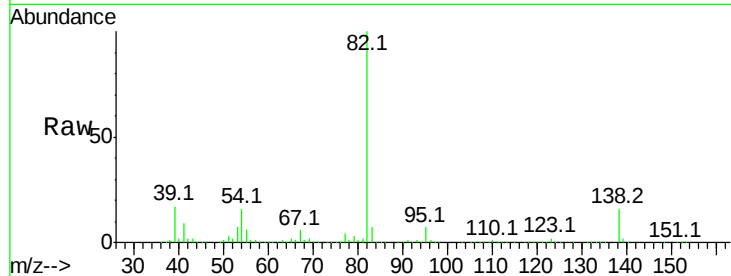
ClientSampleId :

MW-11MS

Tot Ion:	82	Resp:	909939
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.1	7.7
138	16.4	12.4	18.6

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:48 PM



#26

2-Nitrophenol

Concen: 43.32 ng

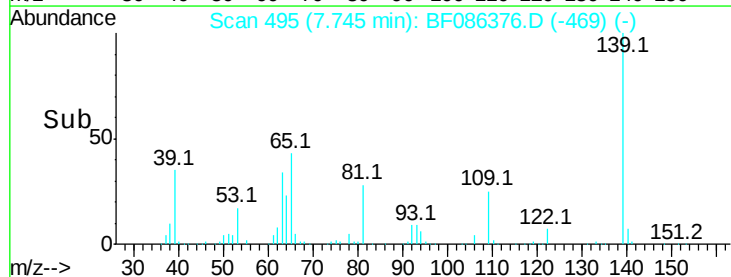
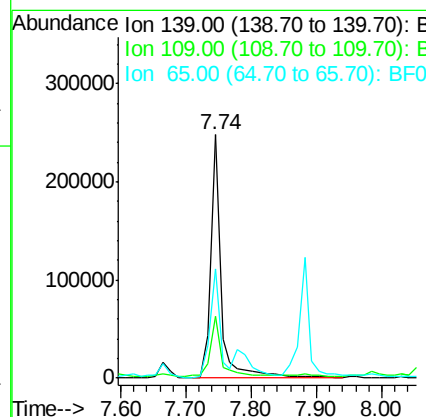
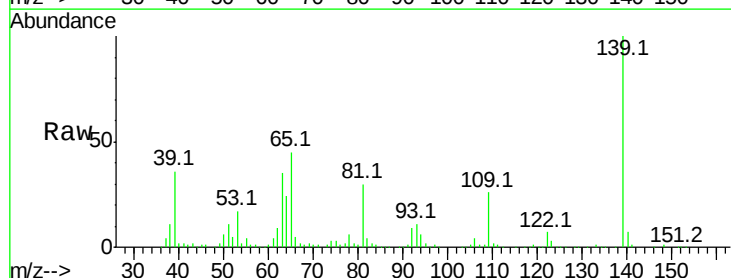
RT: 7.74 min Scan# 495

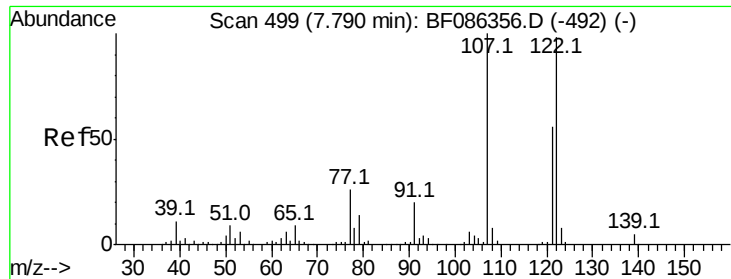
Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Tgt Ion:	139	Resp:	275665
Ion Ratio	Lower	Upper	
139	100		
109	25.6	19.5	29.3
65	44.8	37.5	56.3





#27

2,4-Dimethylphenol

Concen: 36.96 ng

RT: 7.79 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

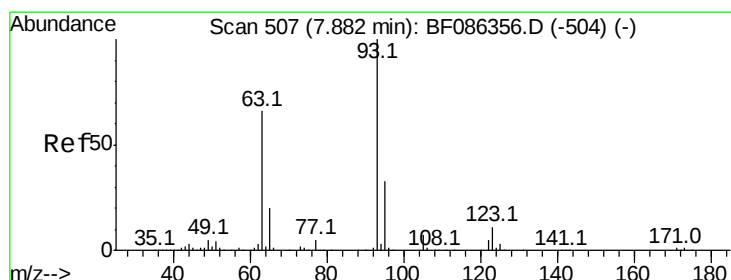
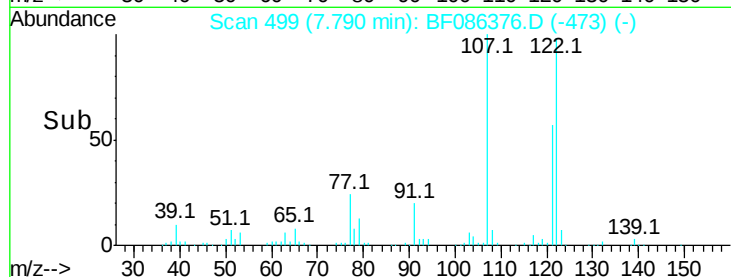
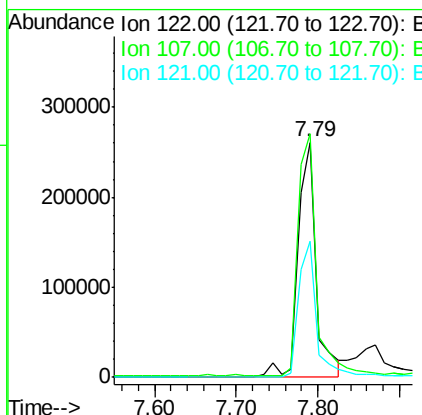
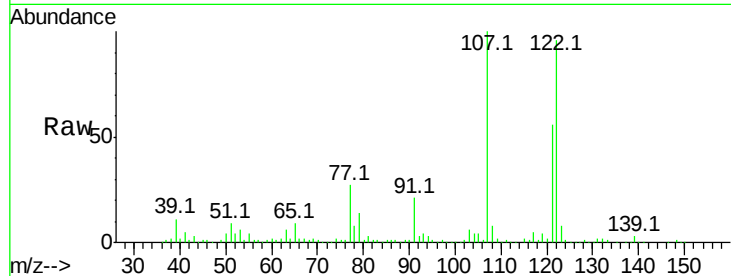
ClientSampleId :

MW-11MS

Tot Ion:	122	Resp:	402692
Ion Ratio	Lower	Upper	
122	100		
107	103.7	82.0	123.0
121	58.1	46.1	69.1

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:48 PM



#28

bis(2-Chloroethoxy)methane

Concen: 45.27 ng

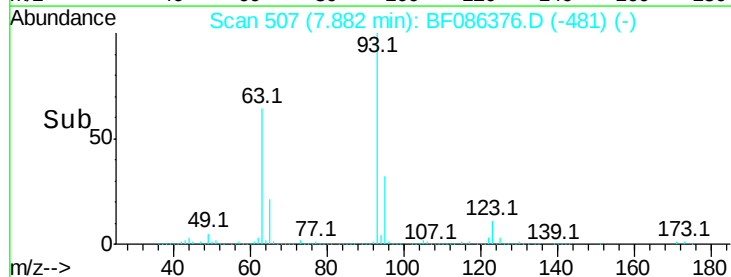
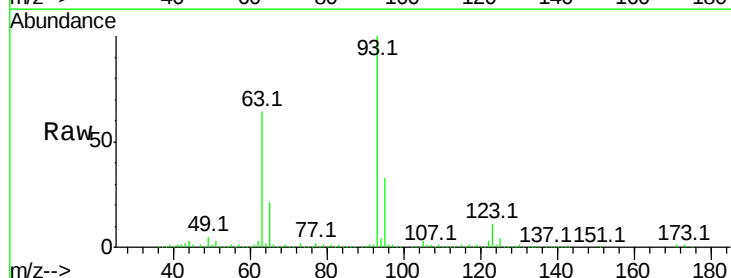
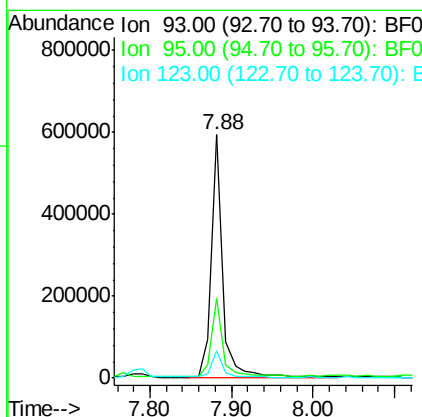
RT: 7.88 min Scan# 507

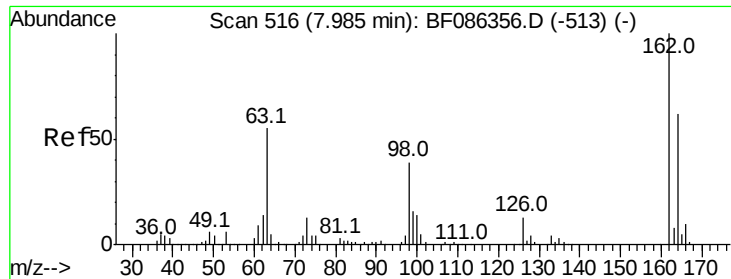
Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Tgt Ion:	93	Resp:	594804
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.0	39.0
123	11.1	9.5	14.3





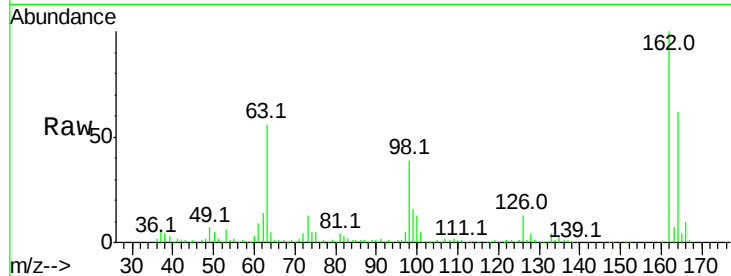
#29
 2,4-Dichlorophenol
 Concen: 44.34 ng
 RT: 7.98 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: BF086376.D
 Acq: 23 Apr 2016 7:47

Instrument :
 BNA_F
 ClientSampleId :
 MW-11MS

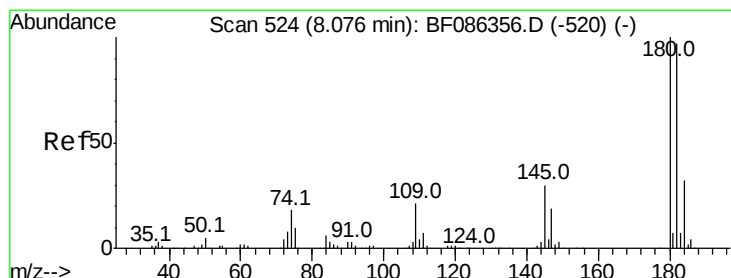
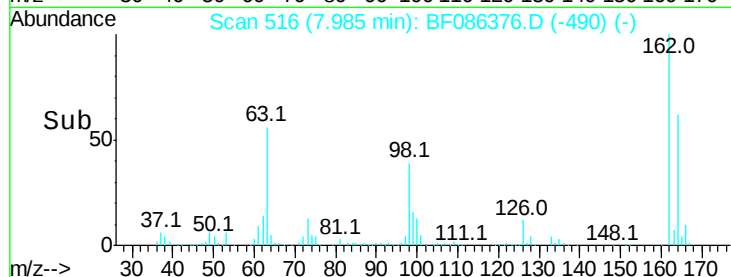
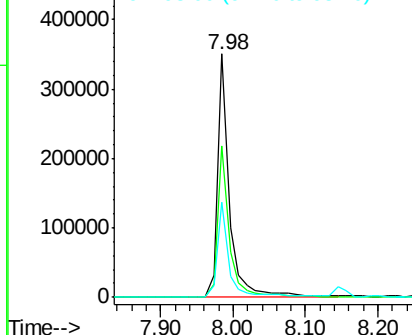
Tot Ion	Ratio	Resp	Lower	Upper
162	100	399359		
164	62.4	42.2	82.2	
98	39.0	19.0	59.0	

Manual Integrations
 APPROVED

sohil
 4/25/2016 12:35:48 PM

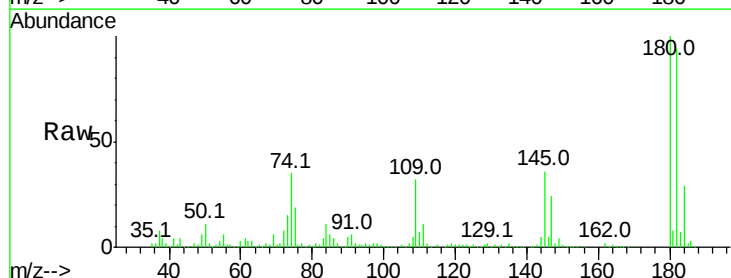


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

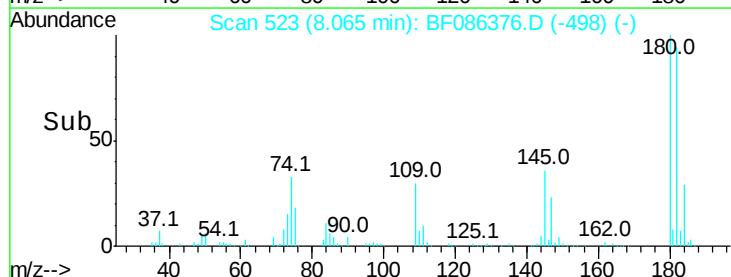
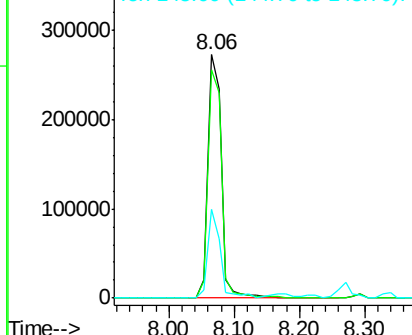


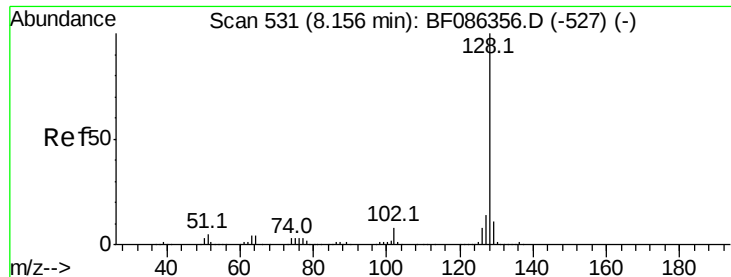
#30
 1,2,4-Trichlorobenzene
 Concen: 40.65 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.01 min
 Lab File: BF086376.D
 Acq: 23 Apr 2016 7:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	397658		
182	93.9	78.0	117.0	
145	36.3	24.2	36.2	



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





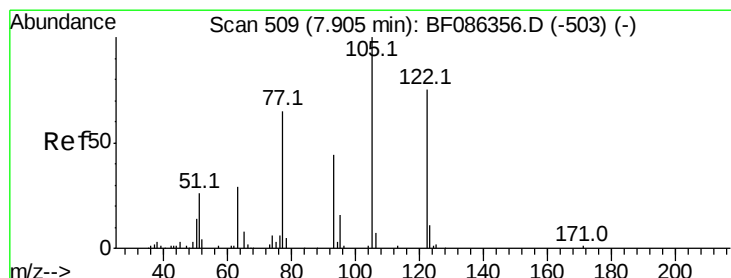
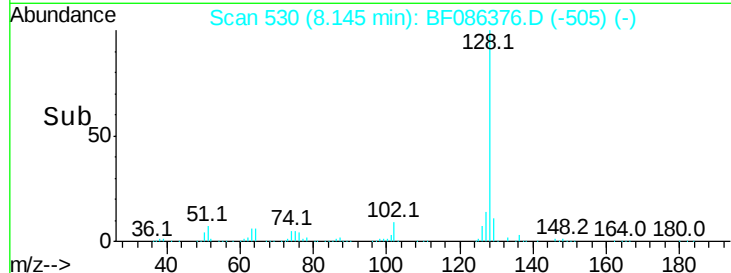
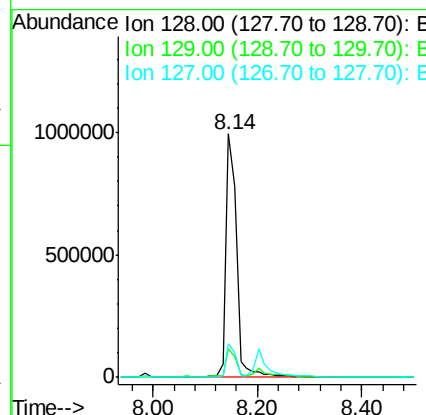
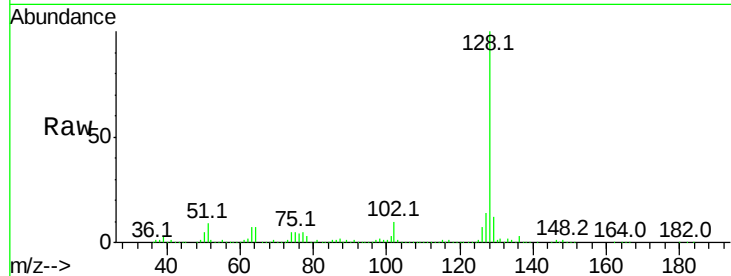
#31
Naphthalene
Concen: 38.67 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF086376.D
Acq: 23 Apr 2016 7:47

Instrument :
BNA_F
ClientSampleId :
MW-11MS

Tot Ion:128 Resp: 1400984
Ion Ratio Lower Upper
128 100
129 11.8 8.6 13.0
127 14.0 10.8 16.2

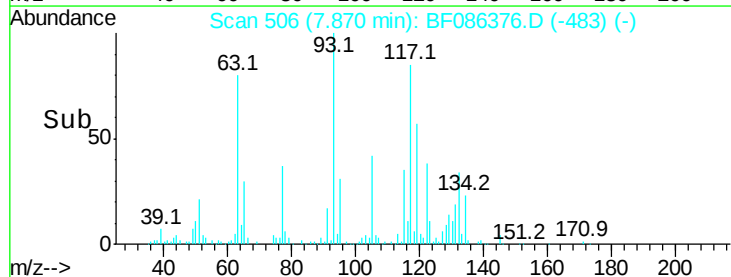
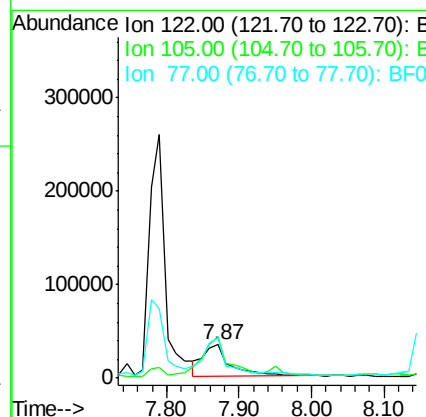
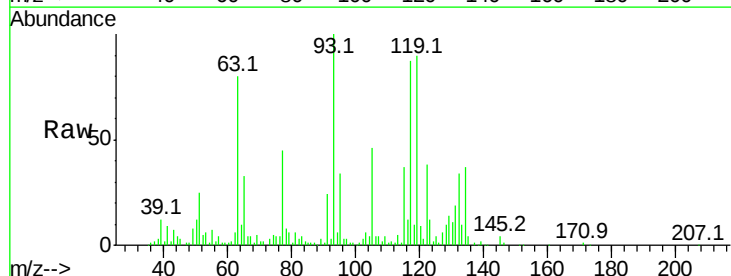
Manual Integrations
APPROVED

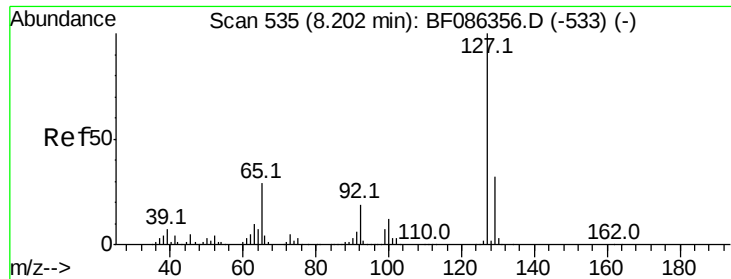
sohil
4/25/2016 12:35:48 PM



#32
Benzoic acid
Concen: 13.50 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.03 min
Lab File: BF086376.D
Acq: 23 Apr 2016 7:47

Tgt Ion:122 Resp: 94028
Ion Ratio Lower Upper
122 100
105 122.2 92.6 132.6
77 118.6 60.0 100.0#





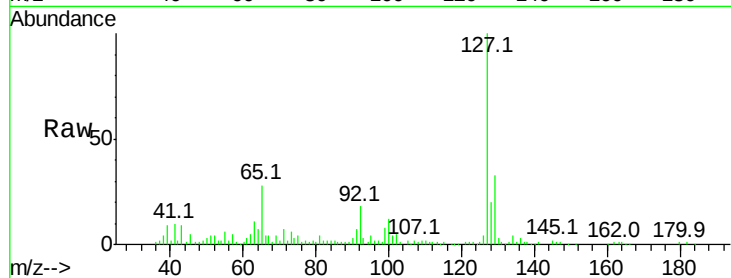
#33
 4-Chloroaniline
 Concen: 14.14 ng
 RT: 8.20 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF086376.D
 Acq: 23 Apr 2016 7:47

Instrument :
 BNA_F
 ClientSampleId :
 MW-11MS

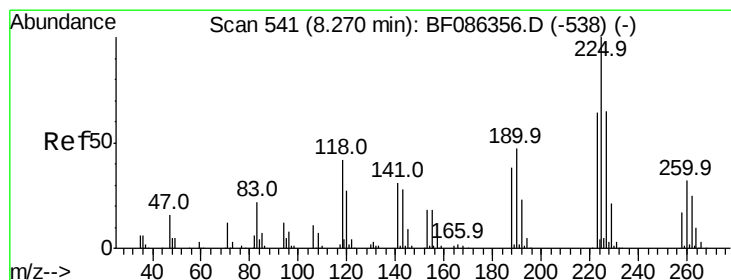
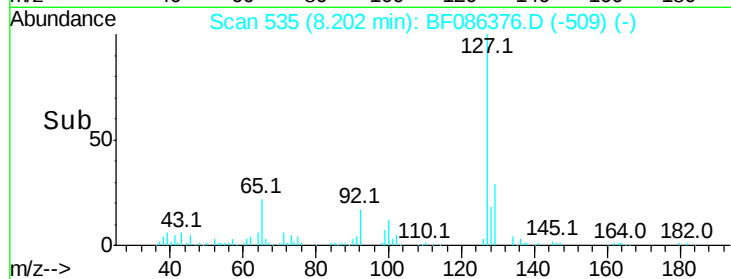
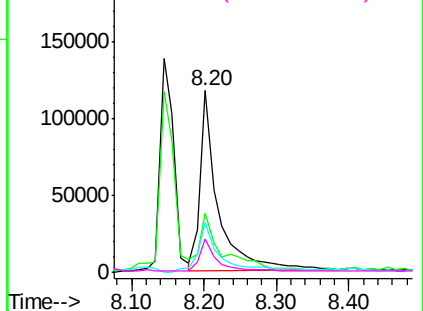
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	26.2	39.4		
65	27.5	23.0	34.4		
92	18.1	15.1	22.7		

Manual Integrations
 APPROVED

sohil
 4/25/2016 12:35:48 PM

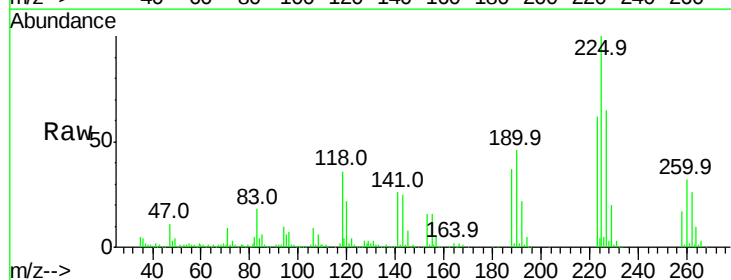


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

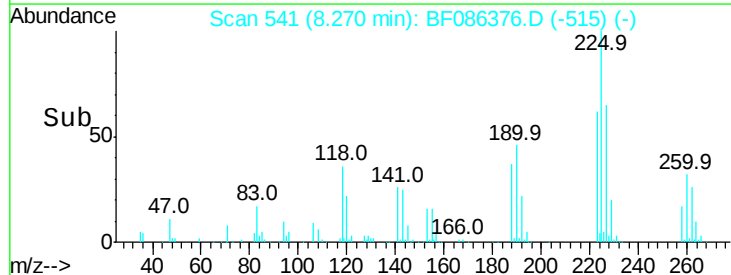
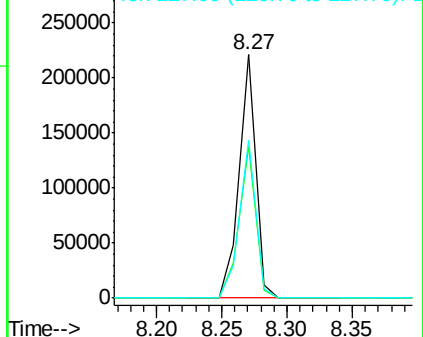


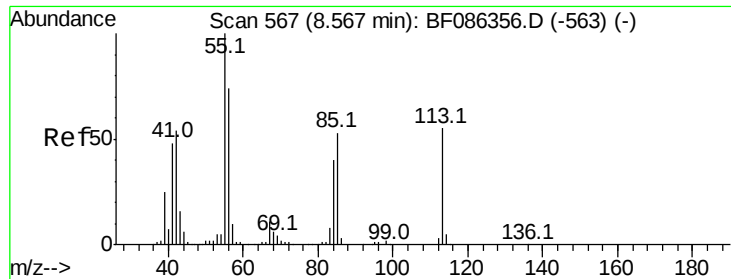
#34
 Hexachlorobutadiene
 Concen: 39.69 ng
 RT: 8.27 min Scan# 541
 Delta R.T. 0.00 min
 Lab File: BF086376.D
 Acq: 23 Apr 2016 7:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.3	51.5	77.3		
227	64.7	52.2	78.2		



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





#35

Caprolactam

Concen: 8.50 ng

RT: 8.62 min Scan# 572

Delta R.T. 0.06 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

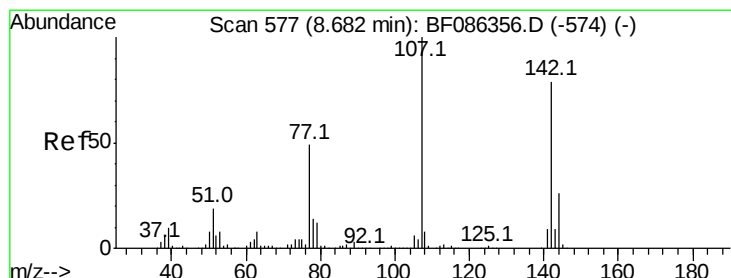
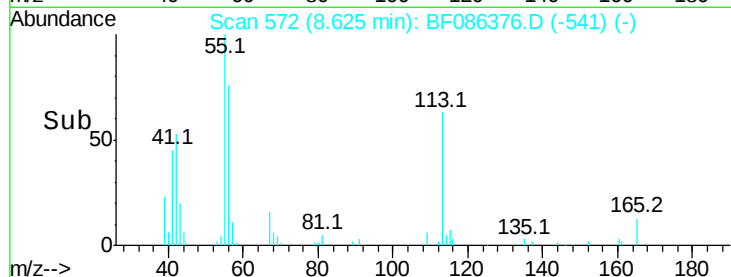
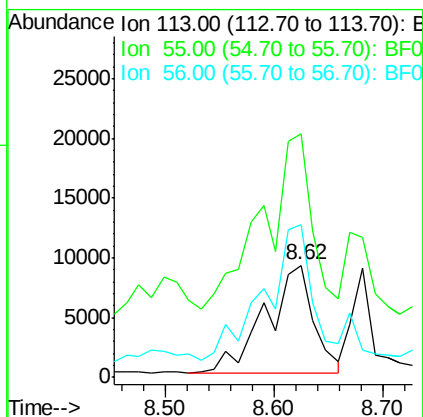
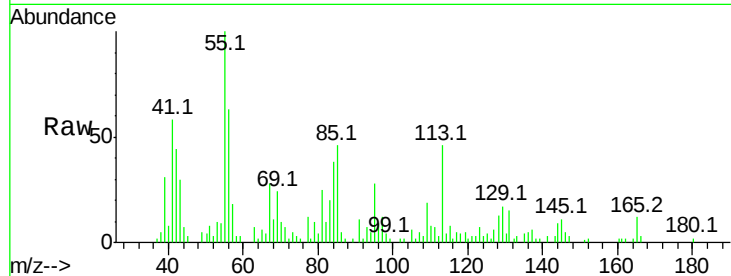
ClientSampled :

MW-11MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	217.9	162.0	202.0#
56	136.3	115.3	155.3

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:48 PM



#36

4-Chloro-3-methylphenol

Concen: 39.22 ng

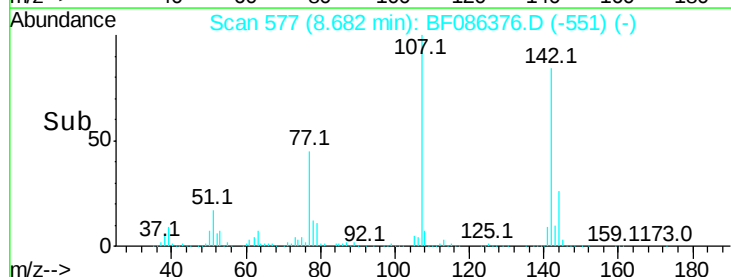
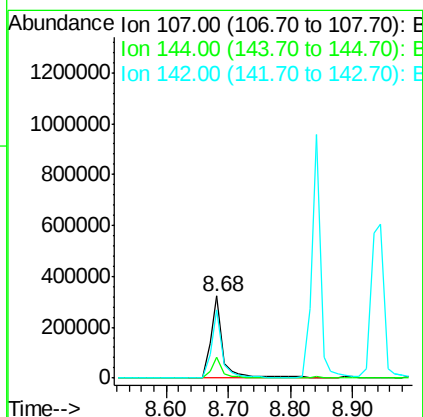
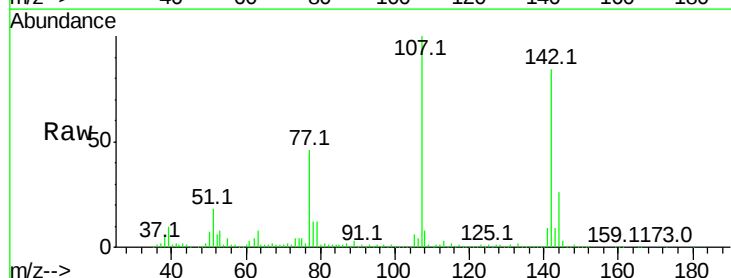
RT: 8.68 min Scan# 577

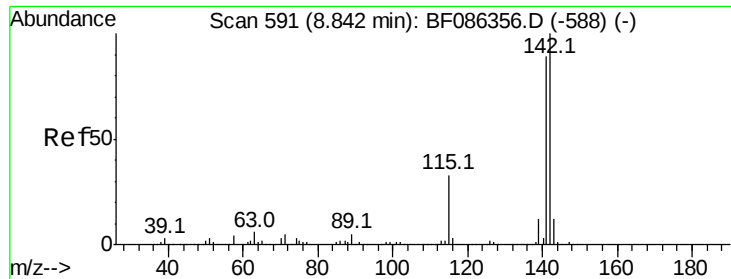
Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	20.7	31.1
142	83.5	63.2	94.8





#37

2-Methylnaphthalene

Concen: 45.13 ng

RT: 8.84 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

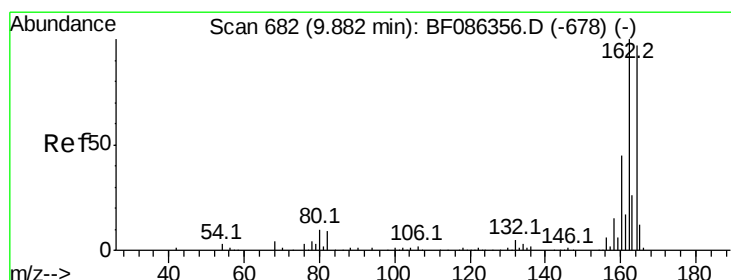
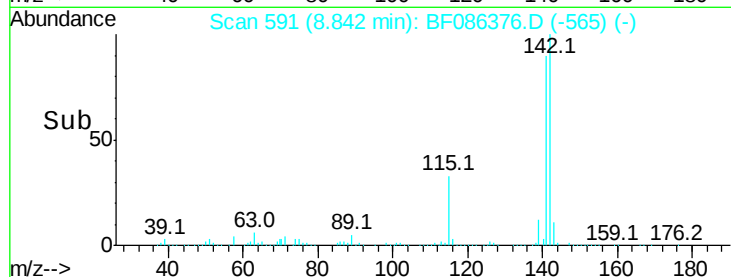
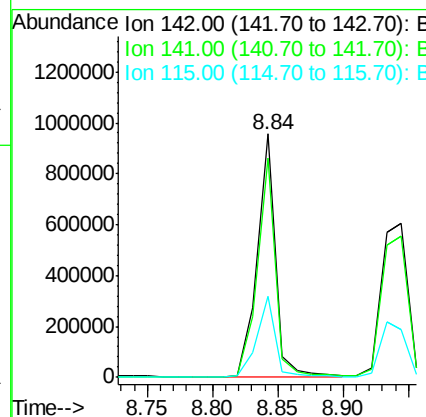
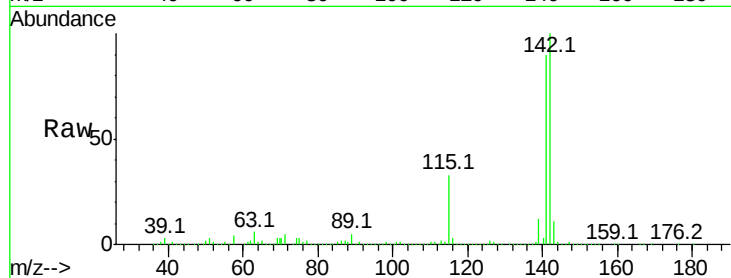
ClientSampleId :

MW-11MS

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:48 PM

Tot Ion:	142	Resp:	943088
Ion Ratio	Lower	Upper	
142	100		
141	89.9	71.0	106.6
115	33.1	26.6	39.8



#38

Acenaphthene-d10

Concen: 20.00 ng

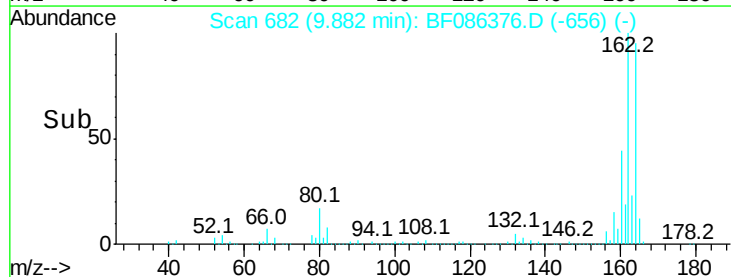
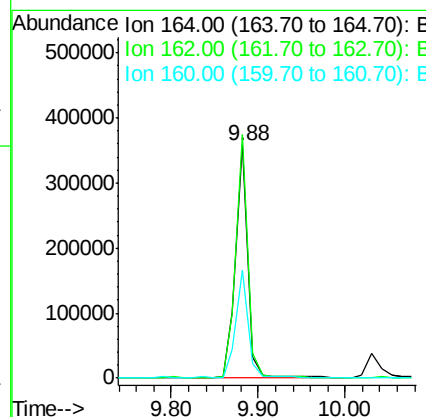
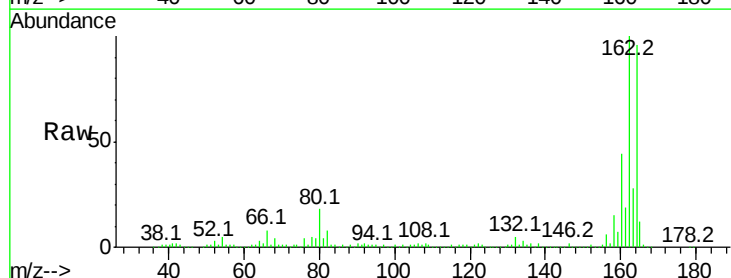
RT: 9.88 min Scan# 682

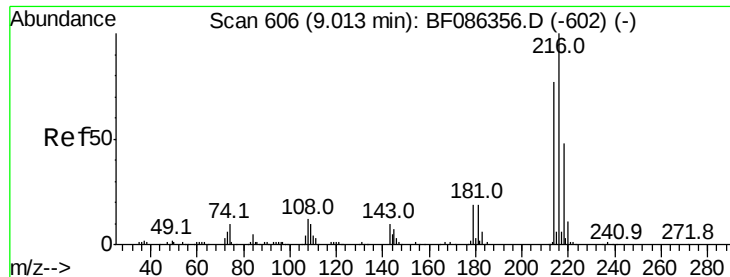
Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Tgt Ion:	164	Resp:	349650
Ion Ratio	Lower	Upper	
164	100		
162	104.3	82.8	124.2
160	46.3	36.9	55.3





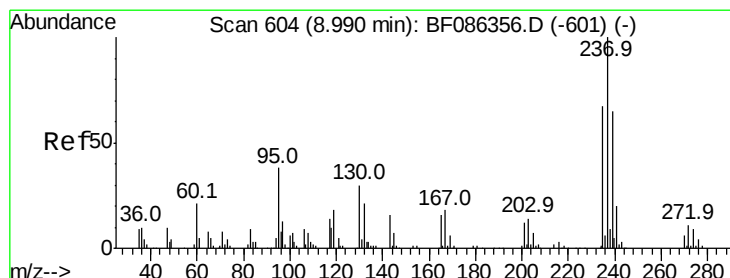
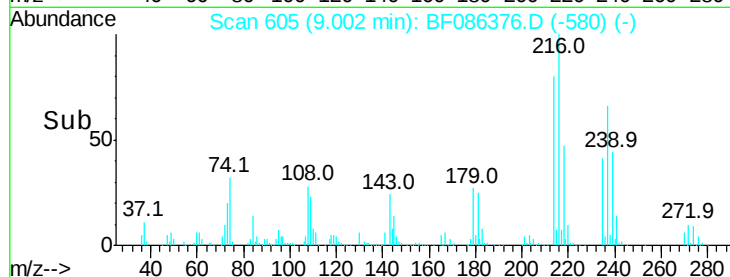
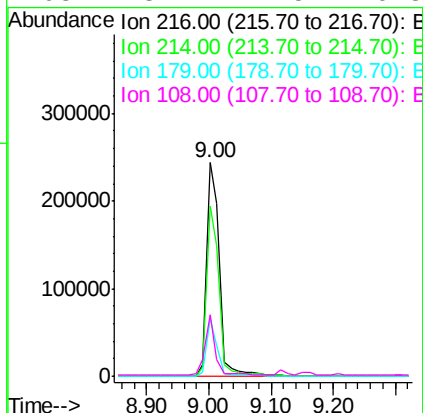
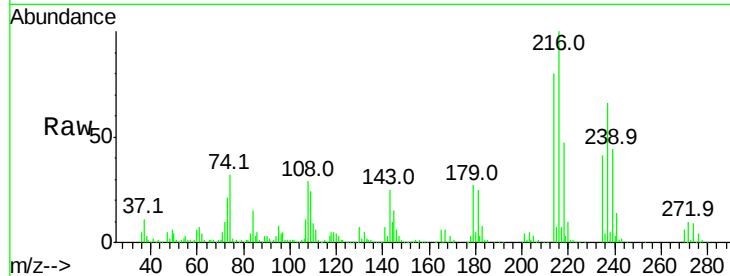
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.11 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF086376.D
 Acq: 23 Apr 2016 7:47

Instrument :
 BNA_F
 ClientSampled :
 MW-11MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	78.0	62.6	93.8		
179	23.3	18.2	27.4		
108	23.1	17.5	26.3		

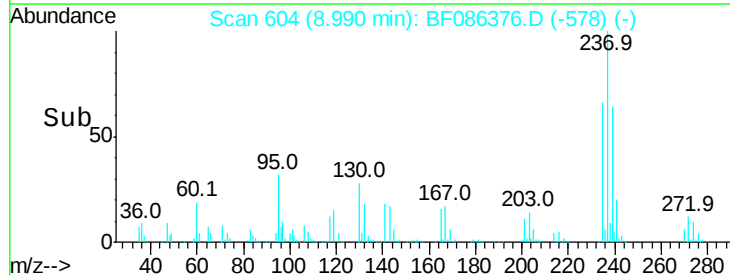
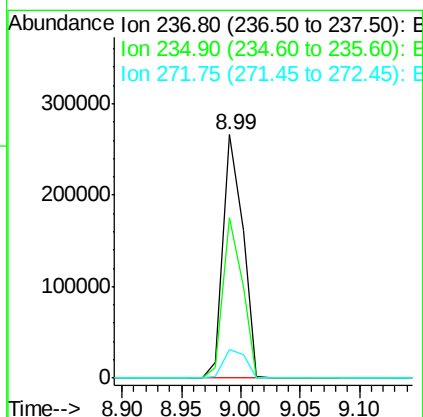
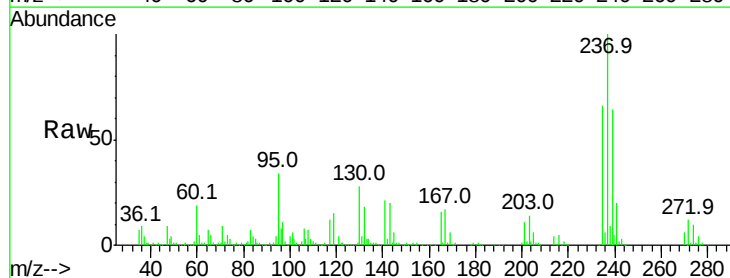
Manual Integrations
 APPROVED

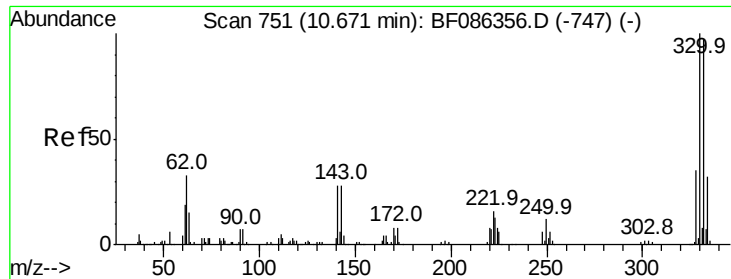
sohil
 4/25/2016 12:35:48 PM



#40
 Hexachlorocyclopentadiene
 Concen: 69.52 ng
 RT: 8.99 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF086376.D
 Acq: 23 Apr 2016 7:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	65.7	47.2	87.2		
272	12.0	0.0	31.1		





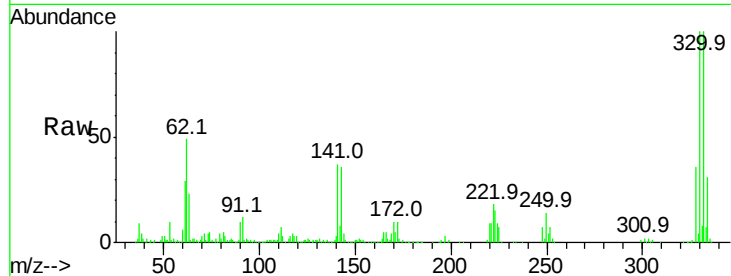
#41
 2,4,6-Tribromophenol
 Concen: 118.23 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF086376.D
 Acq: 23 Apr 2016 7:47

Instrument :
 BNA_F
 ClientSampled :
 MW-11MS

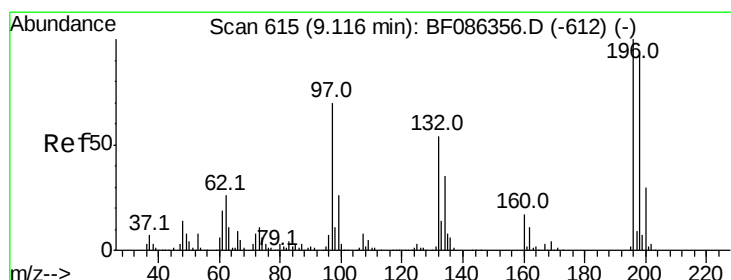
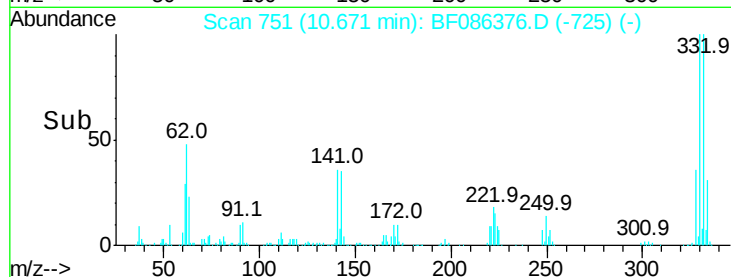
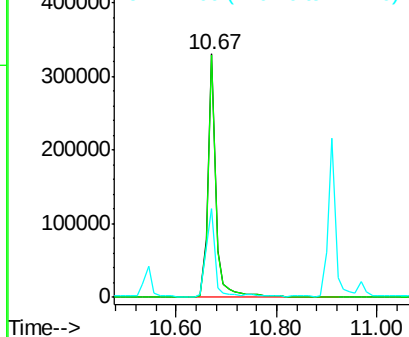
Tot Ion	Ratio	Resp	Lower	Upper
330	100	374219		
332	97.6		79.0	118.4
141	39.2		31.2	46.8

Manual Integrations
 APPROVED

sohil
 4/25/2016 12:35:48 PM

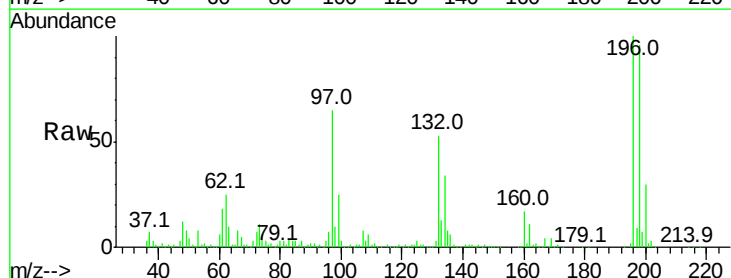


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

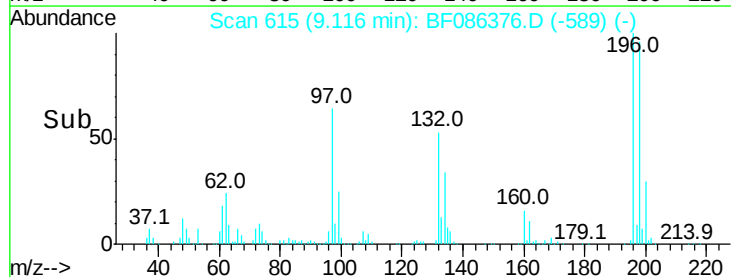
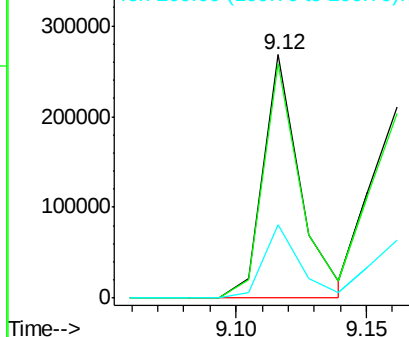


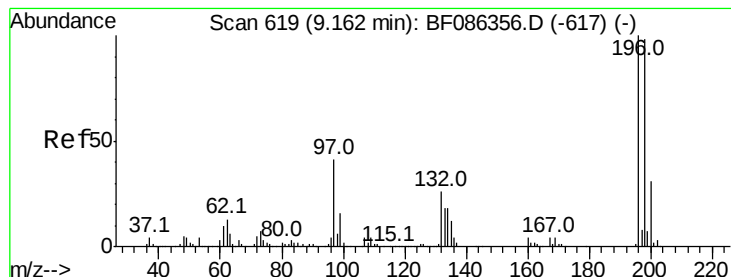
#42
 2,4,6-Trichlorophenol
 Concen: 43.70 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF086376.D
 Acq: 23 Apr 2016 7:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	259190		
198	96.3		74.7	112.1
200	29.9		23.8	35.6



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





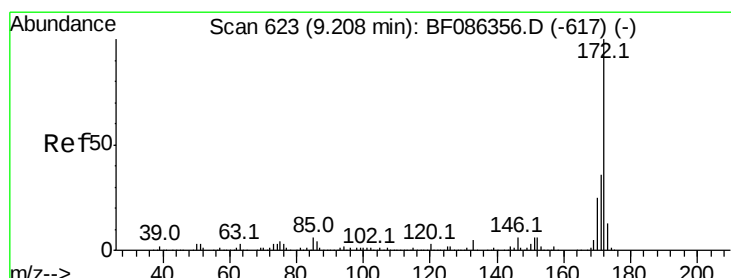
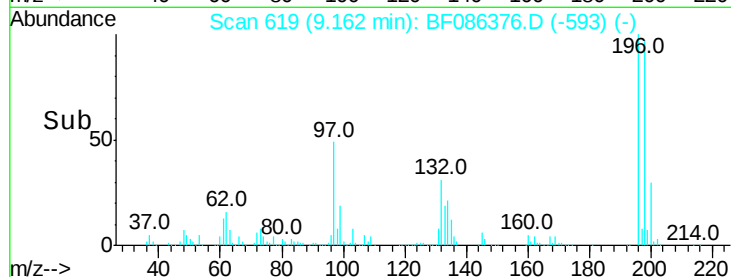
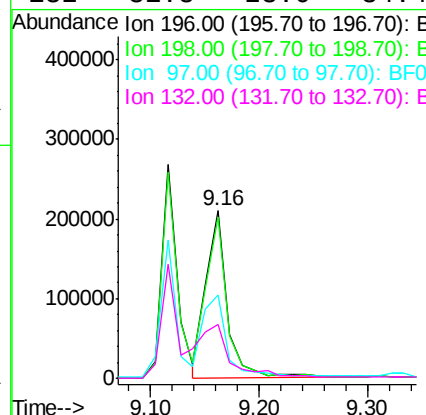
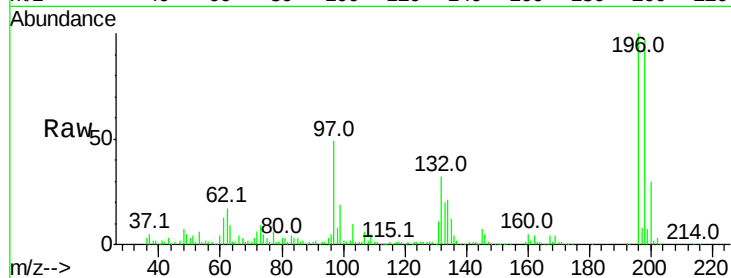
#43
 2,4,5-Trichlorophenol
 Concen: 39.36 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF086376.D
 Acq: 23 Apr 2016 7:47

Instrument :
 BNA_F
 ClientSampleId :
 MW-11MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		287438		
198	96.5	77.5	116.3		
97	49.5	34.8	52.2		
132	31.8	23.0	34.4		

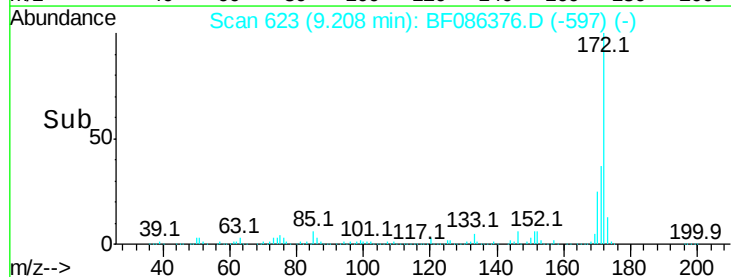
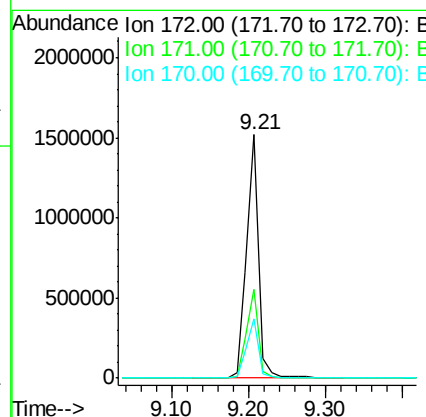
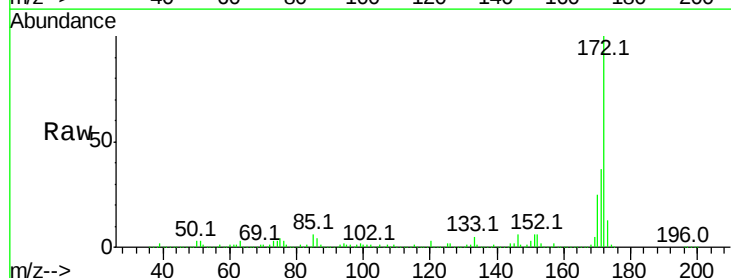
Manual Integrations
 APPROVED

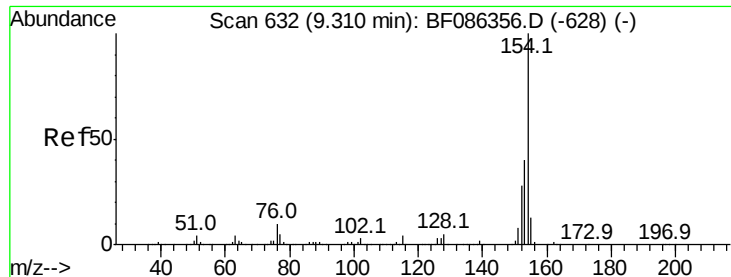
sohil
 4/25/2016 12:35:48 PM



#44
 2-Fluorobiphenyl
 Concen: 81.33 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF086376.D
 Acq: 23 Apr 2016 7:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1666472		
171	36.6	29.0	43.6		
170	24.6	19.8	29.8		





#45

1,1'-Biphenyl

Concen: 40.77 ng

RT: 9.31 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

ClientSampleId :

MW-11MS

Tot Ion:154 Resp: 1105849

Ion Ratio Lower Upper

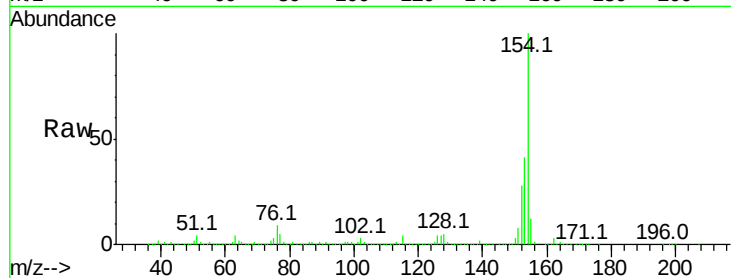
154 100

153 40.6 20.3 60.3

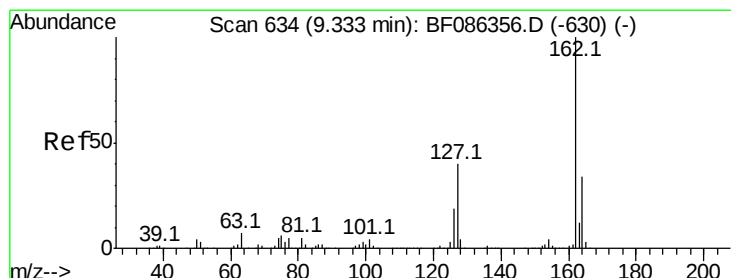
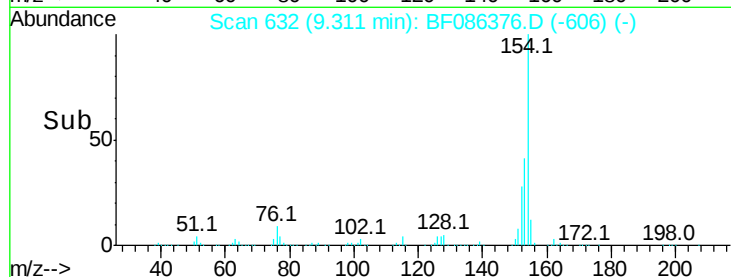
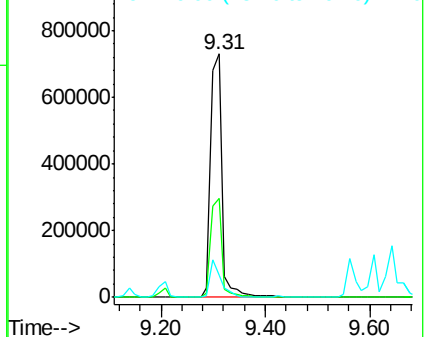
76 9.0 0.0 30.2

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:48 PM



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



#46

2-Chloronaphthalene

Concen: 41.04 ng

RT: 9.33 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

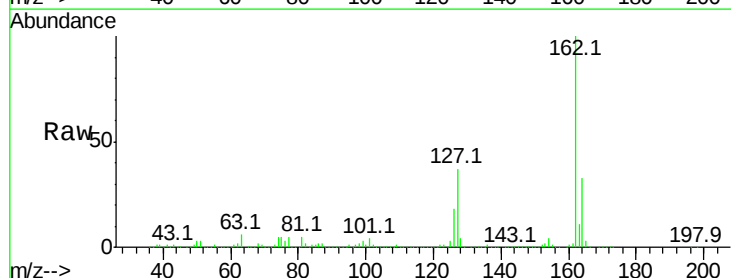
Tgt Ion:162 Resp: 881178

Ion Ratio Lower Upper

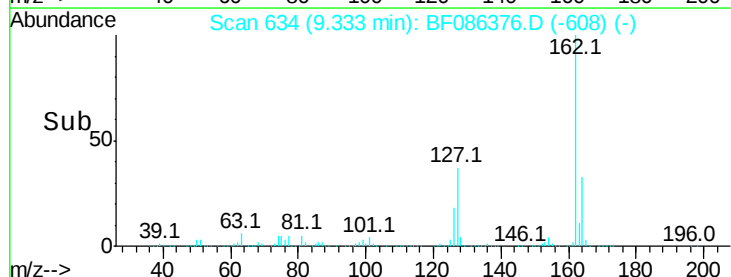
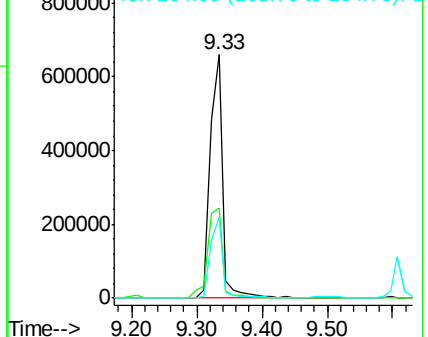
162 100

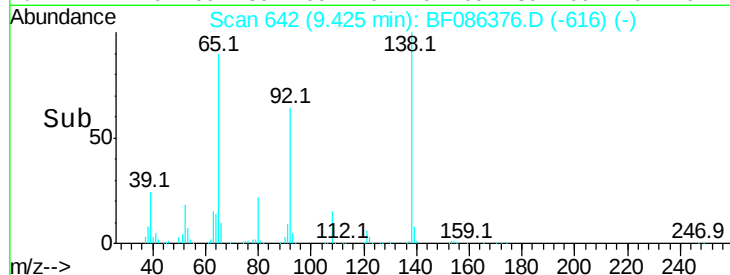
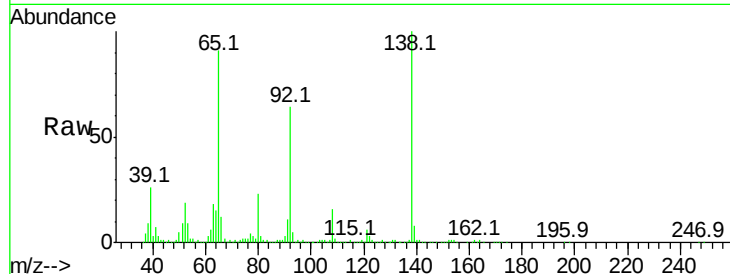
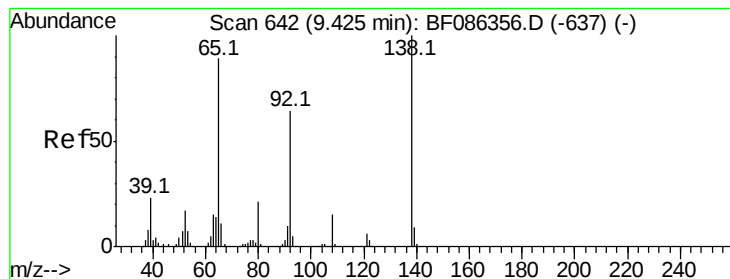
127 36.9 31.8 47.6

164 33.1 27.0 40.6



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: 44.47 ng

RT: 9.42 min Scan# 642

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Tot Ion:	65	Resp:	297289
Ion Ratio	Lower	Upper	
65	100		
92	70.5	57.4	86.2
138	110.2	90.1	135.1

Instrument :

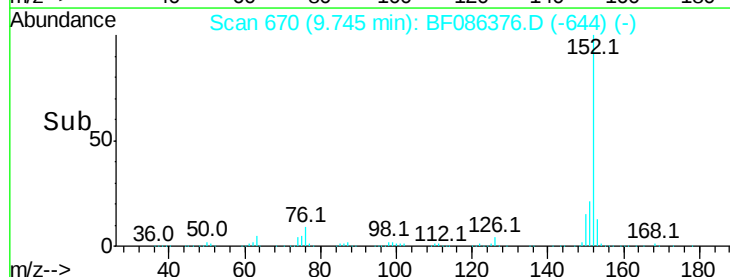
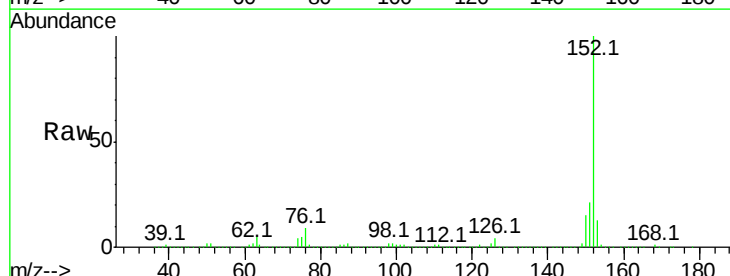
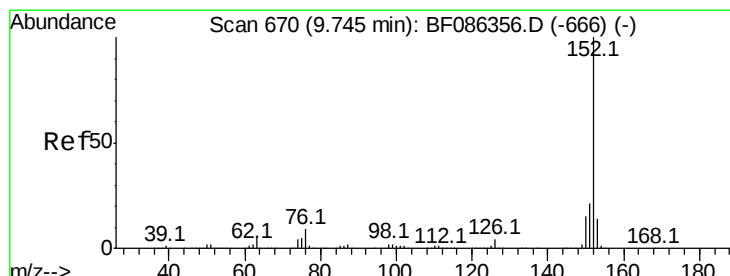
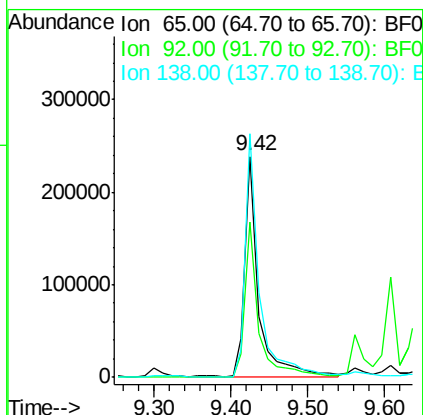
BNA_F

ClientSampleId :

MW-11MS

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:48 PM



#48

Acenaphthylene

Concen: 41.20 ng

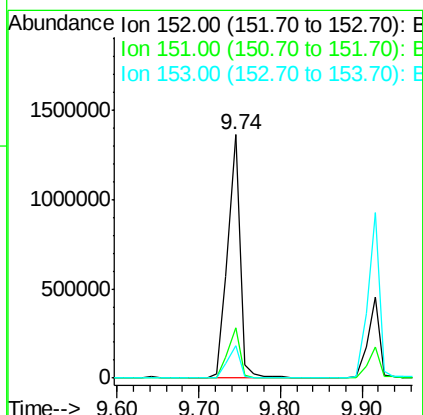
RT: 9.74 min Scan# 670

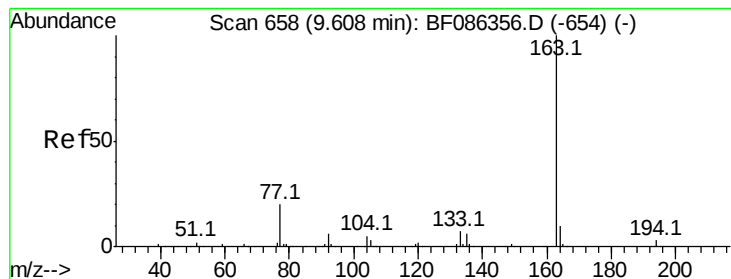
Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Tgt Ion:	152	Resp:	1434407
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.8	25.2
153	13.4	10.9	16.3





#49

Dimethylphthalate

Concen: 40.36 ng

RT: 9.61 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

ClientSampled :

MW-11MS

Tot Ion:163 Resp: 1019393

Ion Ratio Lower Upper

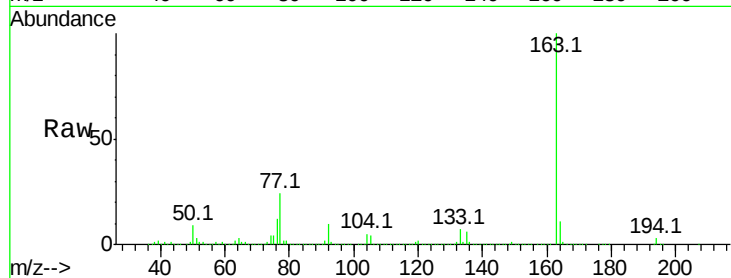
163 100

194 3.1 2.6 4.0

164 10.6 8.2 12.4

Manual Integrations
APPROVED

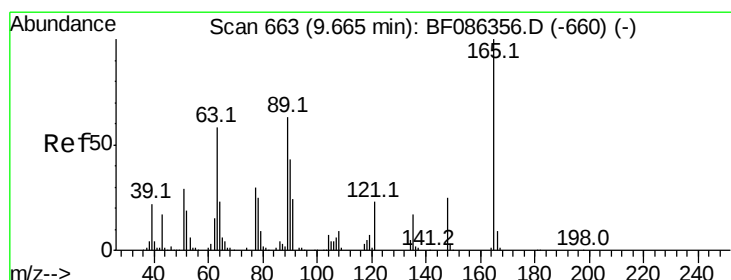
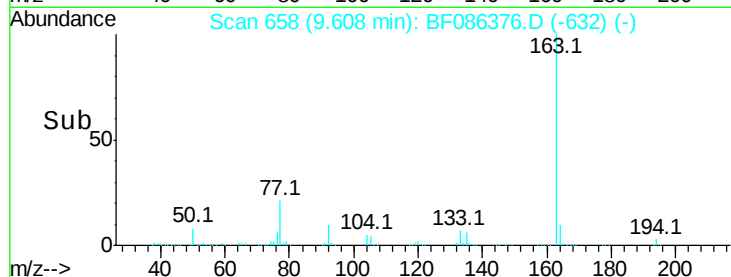
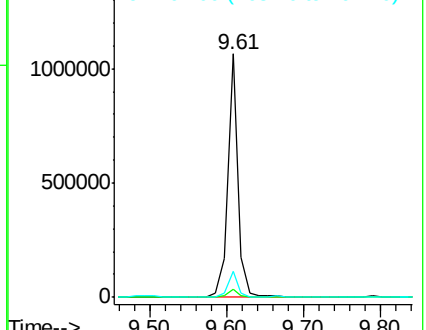
sohil
4/25/2016 12:35:48 PM



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.21 ng

RT: 9.66 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

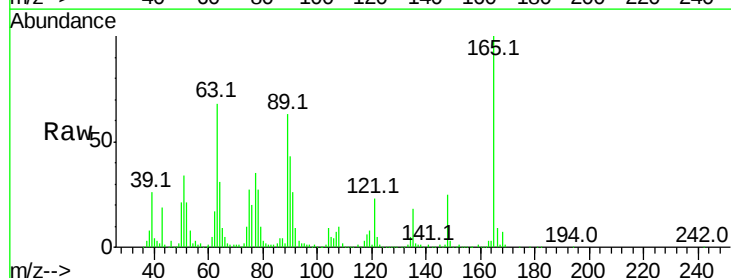
Tgt Ion:165 Resp: 224859

Ion Ratio Lower Upper

165 100

63 68.2 51.8 77.8

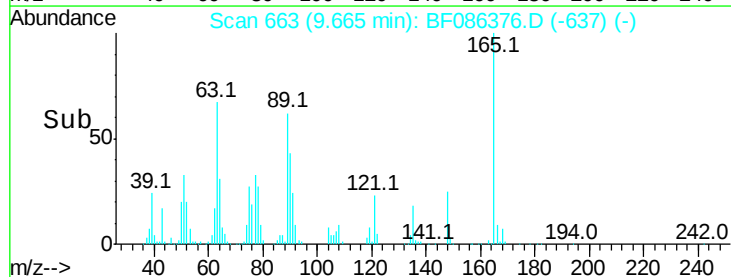
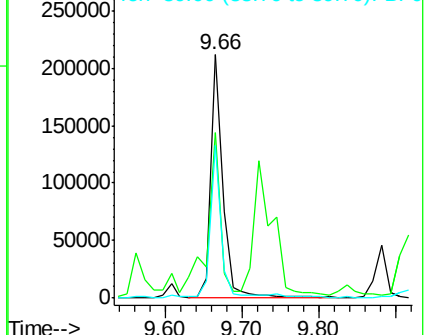
89 62.7 50.7 76.1

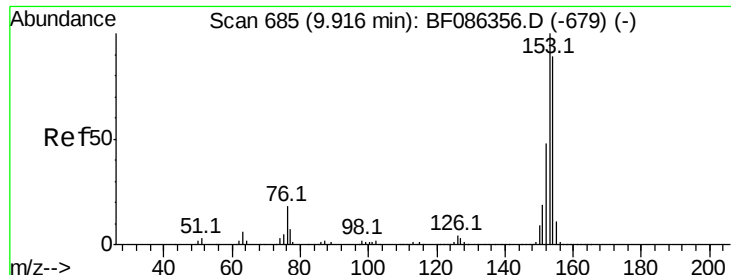


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.38 ng

RT: 9.92 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

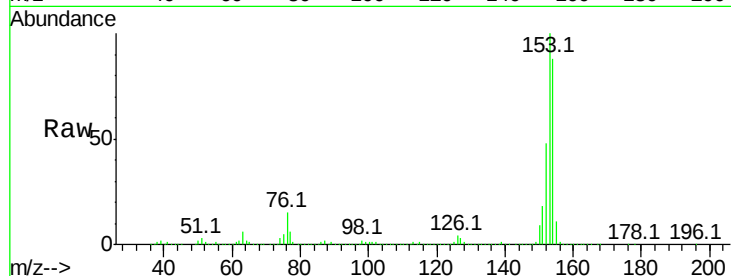
ClientSampleId :

MW-11MS

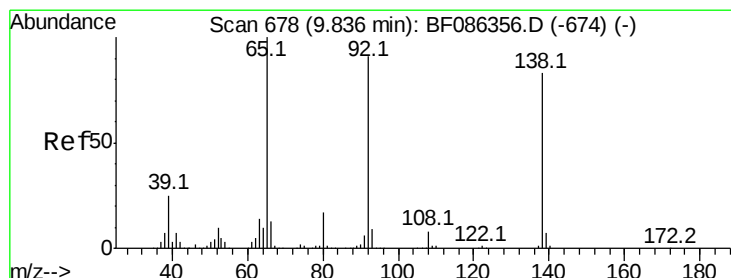
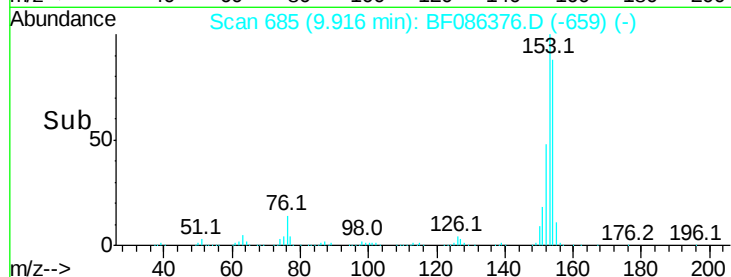
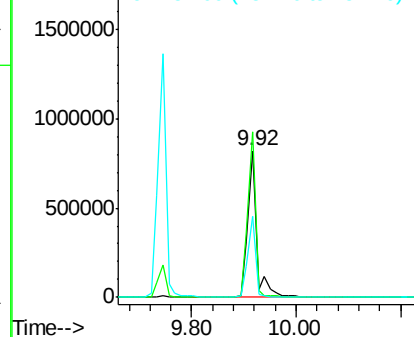
Tot Ion:	154	Resp:	970444
Ion Ratio	Lower	Upper	
154	100		
153	113.3	89.8	134.6
152	54.9	43.4	65.0

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:48 PM



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: 15.51 ng

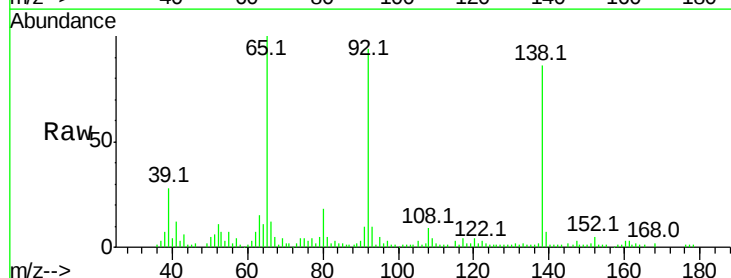
RT: 9.84 min Scan# 678

Delta R.T. 0.00 min

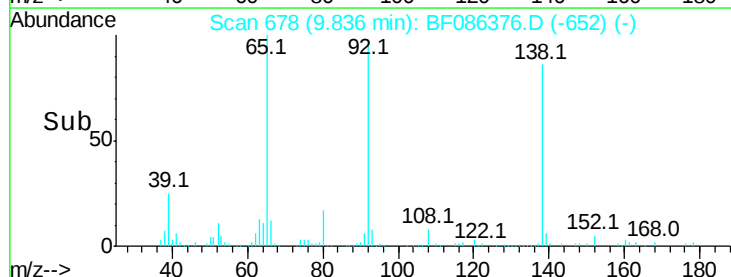
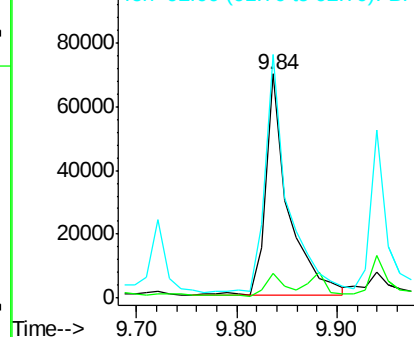
Lab File: BF086376.D

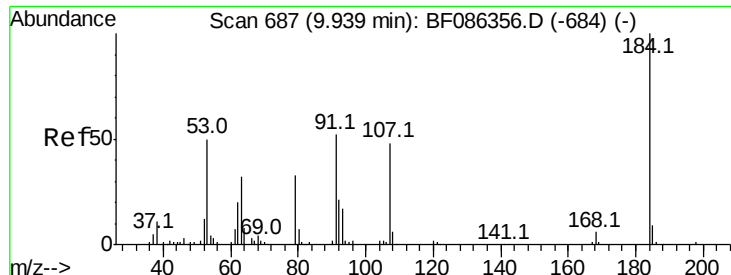
Acq: 23 Apr 2016 7:47

Tgt Ion:	138	Resp:	105953
Ion Ratio	Lower	Upper	
138	100		
108	10.9	7.8	11.6
92	108.7	87.8	131.8



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





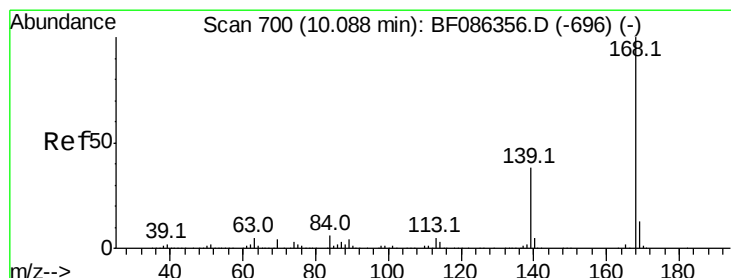
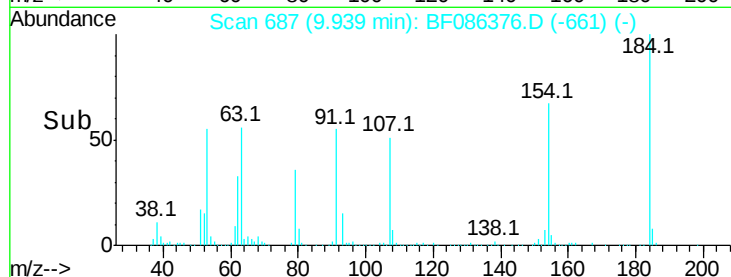
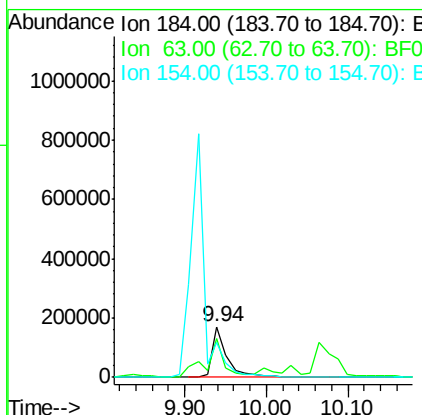
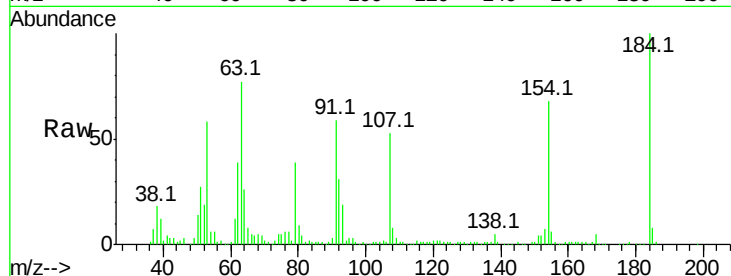
#53
2,4-Dinitrophenol
Concen: 79.25 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF086376.D
Acq: 23 Apr 2016 7:47

Instrument :
BNA_F
ClientSampleId :
MW-11MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	224798		
63	77.5	55.8	83.8	
154	68.0	62.4	93.6	

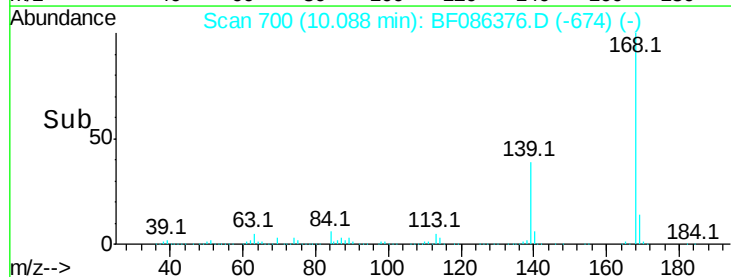
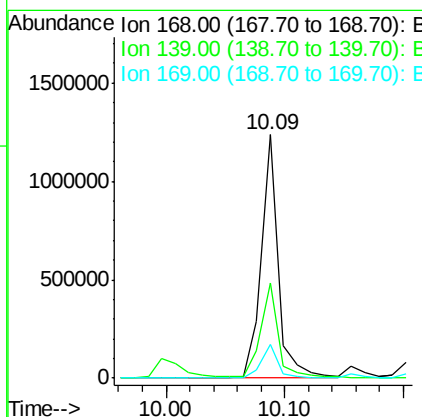
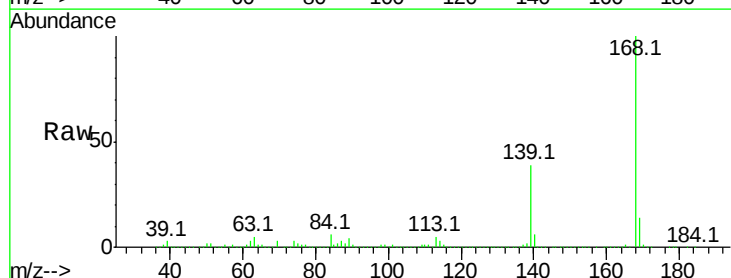
Manual Integrations
APPROVED

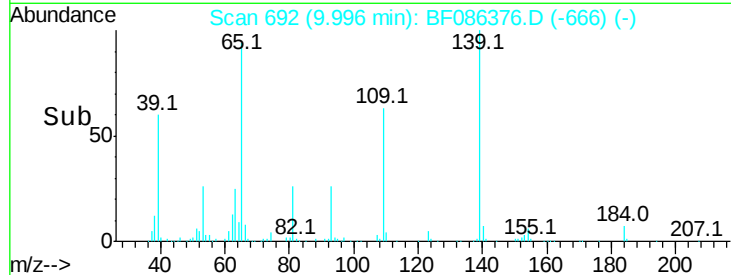
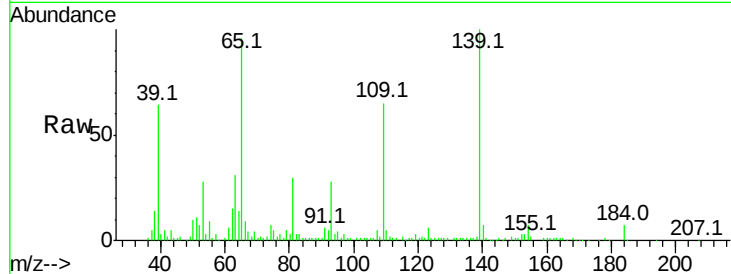
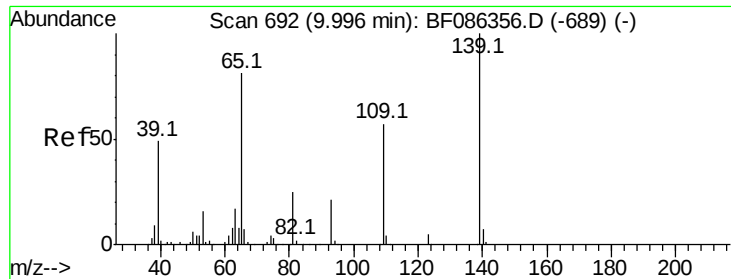
sohil
4/25/2016 12:35:48 PM



#54
Dibenzofuran
Concen: 45.06 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF086376.D
Acq: 23 Apr 2016 7:47

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1237694		
139	39.0	31.4	47.0	
169	13.6	10.7	16.1	





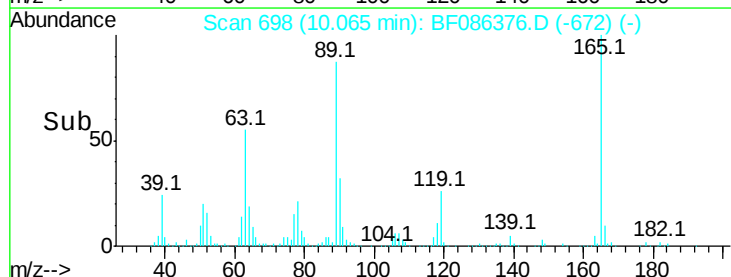
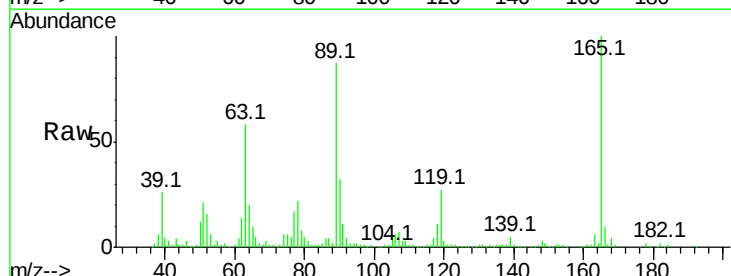
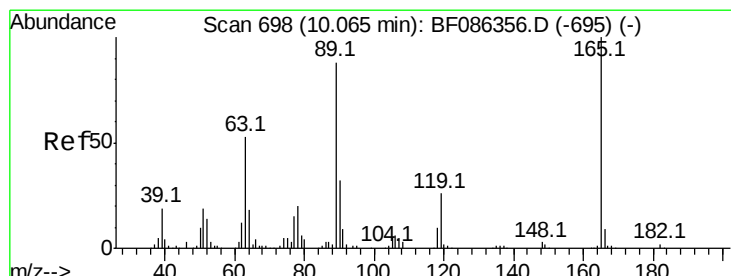
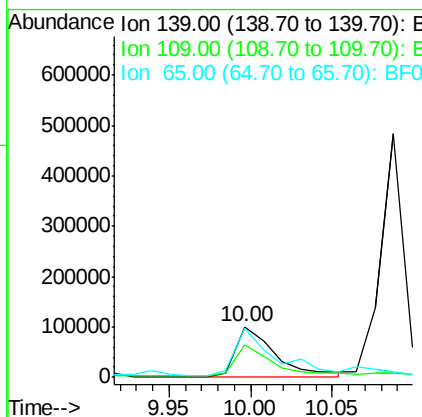
#55
4-Nitrophenol
Concen: 34.51 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF086376.D
Acq: 23 Apr 2016 7:47

Tot Ion	Ratio	Resp	Lower	Upper
139	100	164940		
109	64.6	36.9	76.9	
65	95.8	64.0	104.0	

Instrument :
BNA_F
ClientSampleId :
MW-11MS

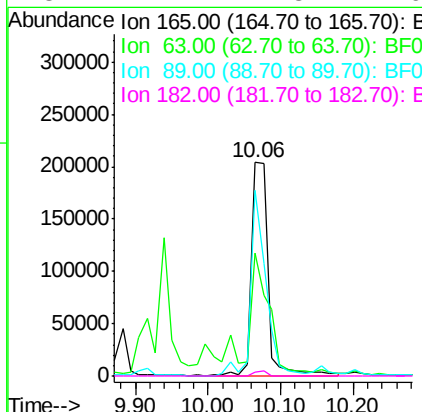
Manual Integrations
APPROVED

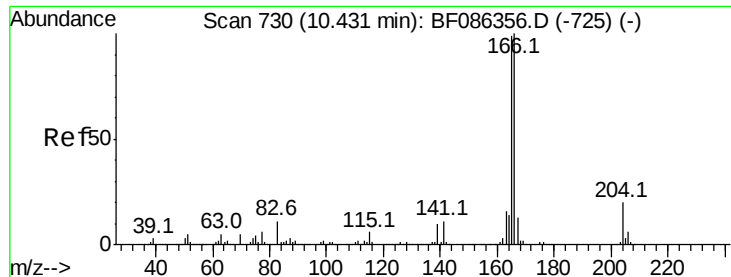
sohil
4/25/2016 12:35:48 PM



#56
2,4-Dinitrotoluene
Concen: 44.34 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF086376.D
Acq: 23 Apr 2016 7:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	321288		
63	57.7	44.3	66.5	
89	86.9	70.0	105.0	
182	2.1	1.8	2.6	





#57

Fluorene

Concen: 41.93 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

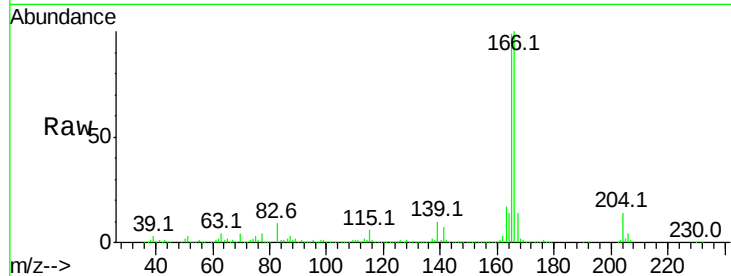
ClientSampleId :

MW-11MS

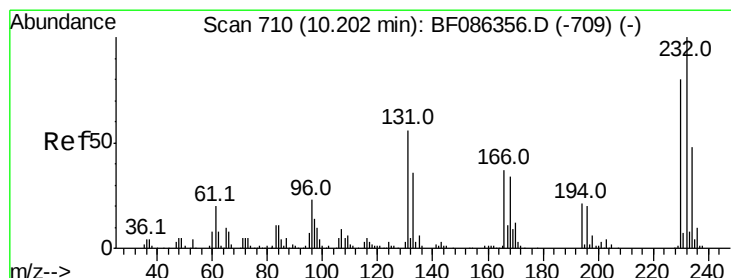
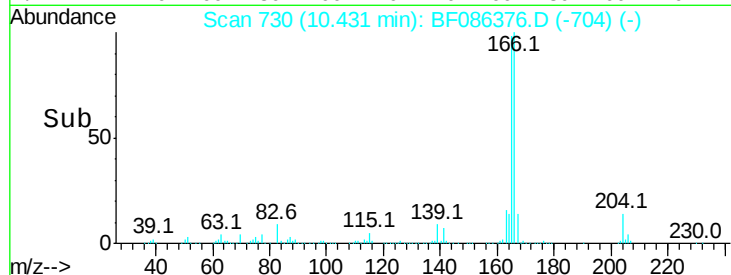
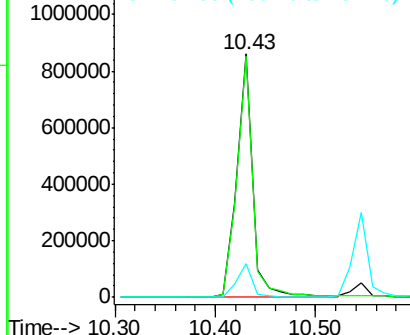
Tot Ion:	166	Resp:	943677
Ion Ratio	Lower	Upper	
166	100		
165	98.8	79.0	118.6
167	13.6	10.6	15.8

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:48 PM



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.83 ng

RT: 10.20 min Scan# 710

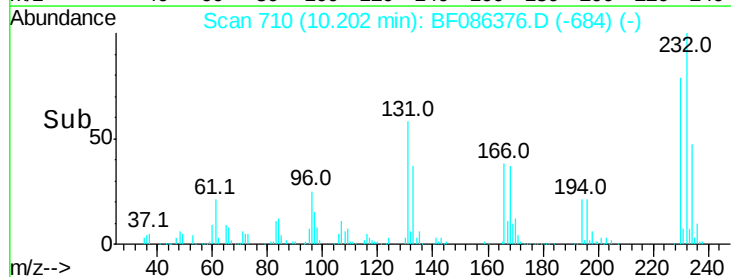
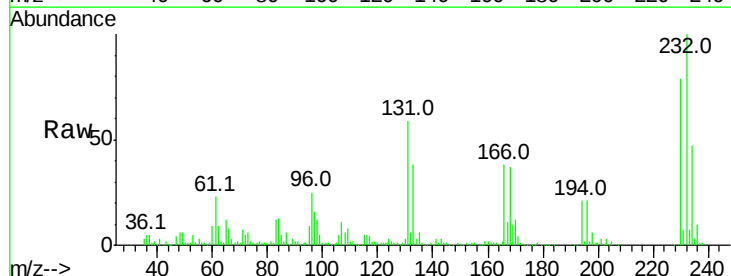
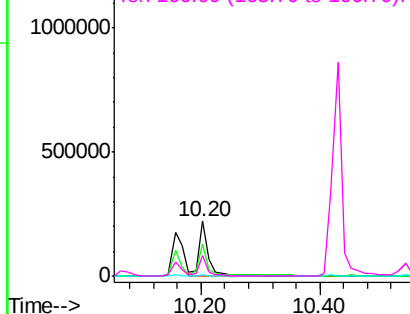
Delta R.T. 0.00 min

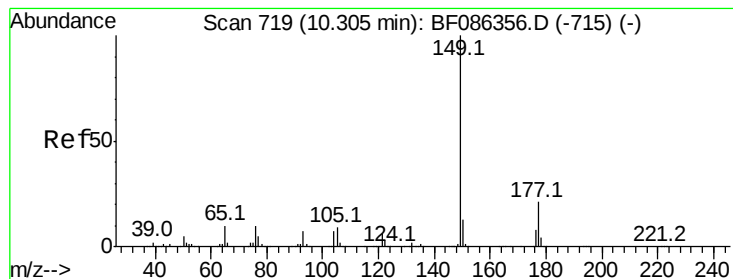
Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Tgt Ion:	232	Resp:	249944
Ion Ratio	Lower	Upper	
232	100		
131	49.1	41.9	62.9
130	2.6	2.2	3.4
166	31.8	26.8	40.2

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 40.12 ng

RT: 10.30 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

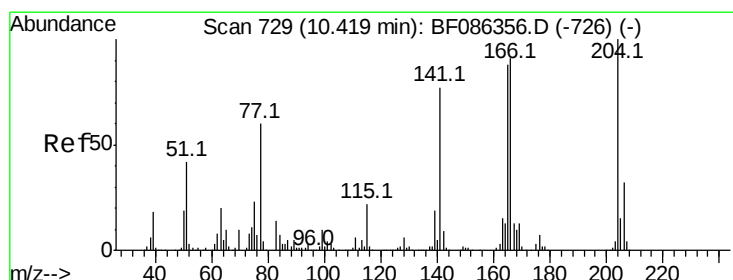
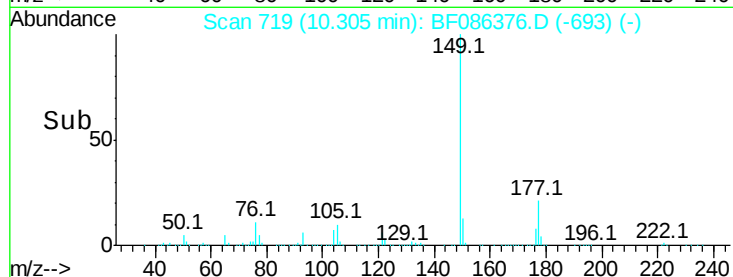
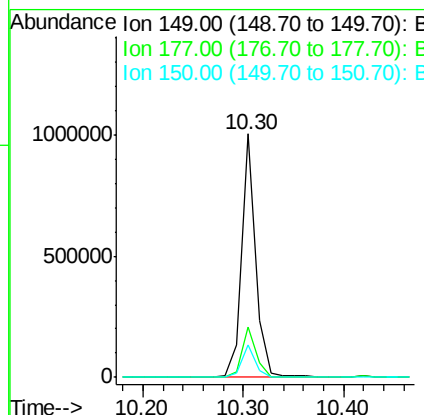
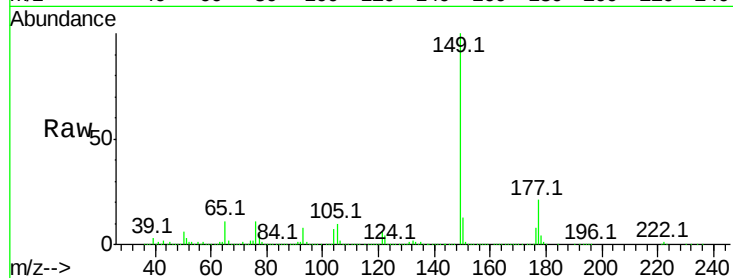
ClientSampled :

MW-11MS

Tot Ion:	149	Resp:	970309
Ion Ratio	Lower	Upper	
149	100		
177	20.6	16.6	24.8
150	13.1	10.0	15.0

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:48 PM



#60

4-Chlorophenyl-phenylether

Concen: 38.69 ng

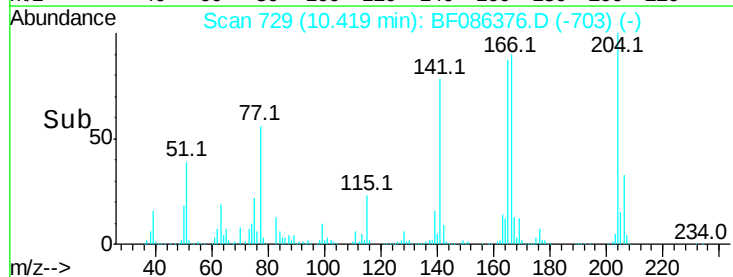
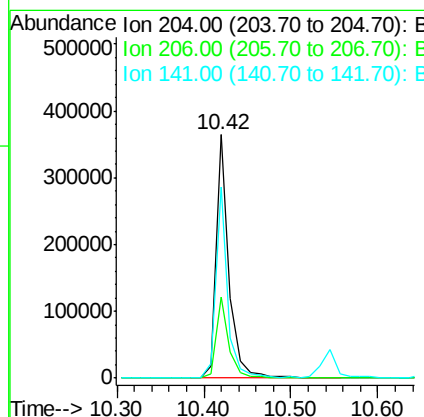
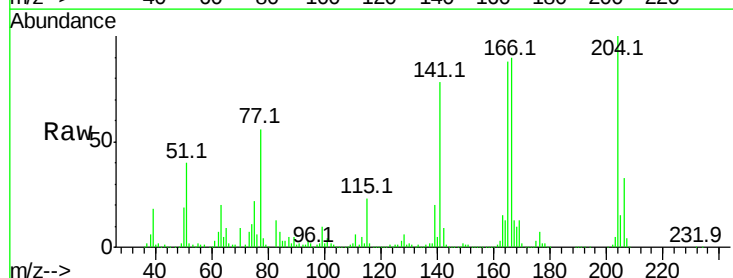
RT: 10.42 min Scan# 729

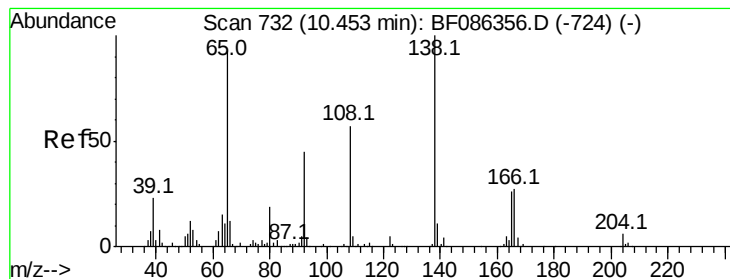
Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Tgt Ion:	204	Resp:	380814
Ion Ratio	Lower	Upper	
204	100		
206	33.4	25.4	38.0
141	78.4	61.6	92.4





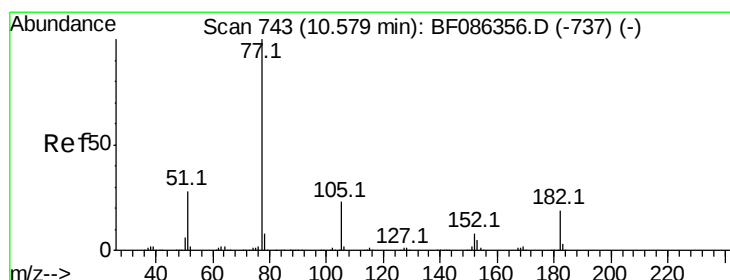
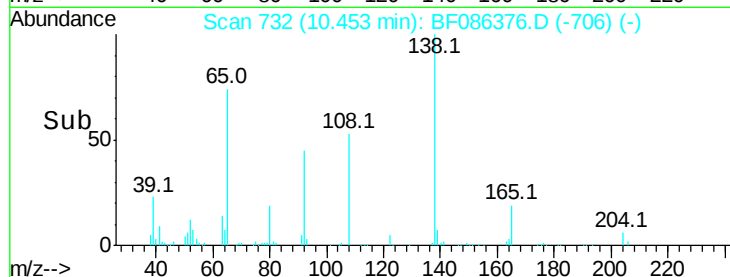
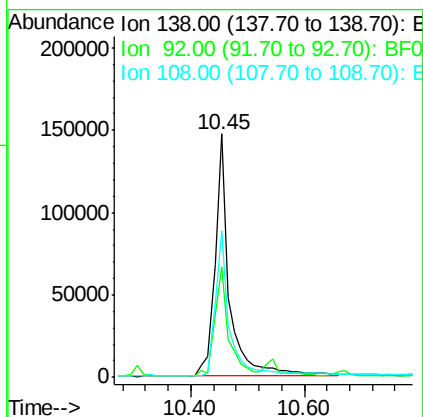
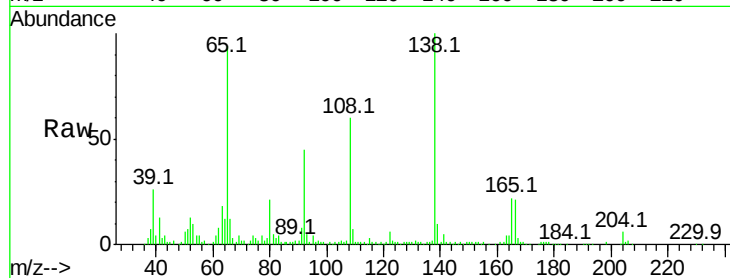
#61
4-Nitroaniline
Concen: 37.20 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF086376.D
Acq: 23 Apr 2016 7:47

Instrument :
BNA_F
ClientSampleId :
MW-11MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.3	24.7	64.7
108	60.1	37.4	77.4

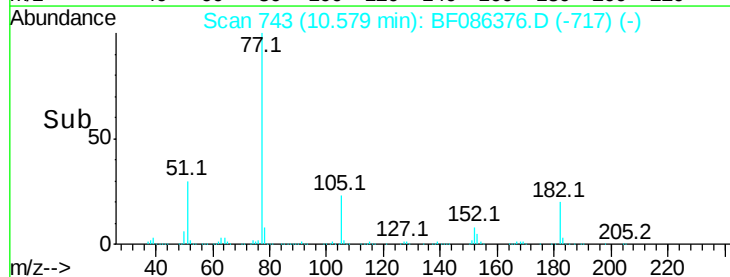
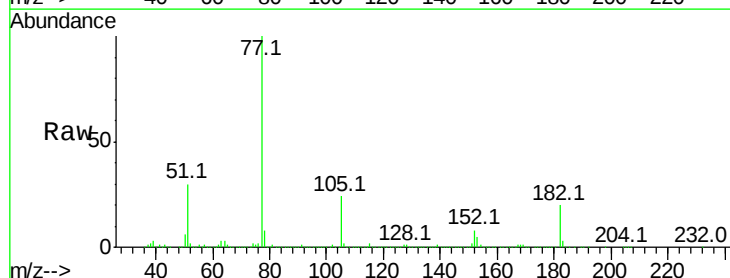
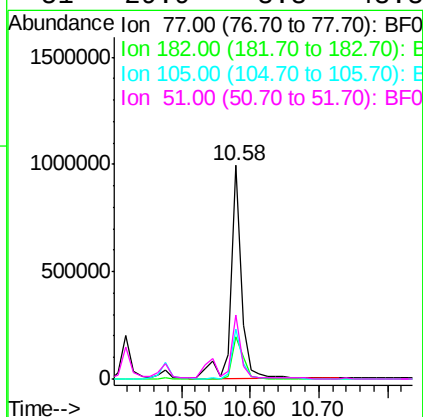
Manual Integrations
APPROVED

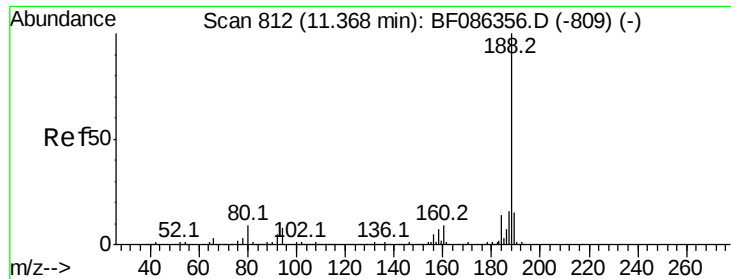
sohil
4/25/2016 12:35:48 PM



#62
Azobenzene
Concen: 43.33 ng
RT: 10.58 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF086376.D
Acq: 23 Apr 2016 7:47

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.0	0.0	38.8
105	23.5	3.2	43.2
51	29.9	8.8	48.8





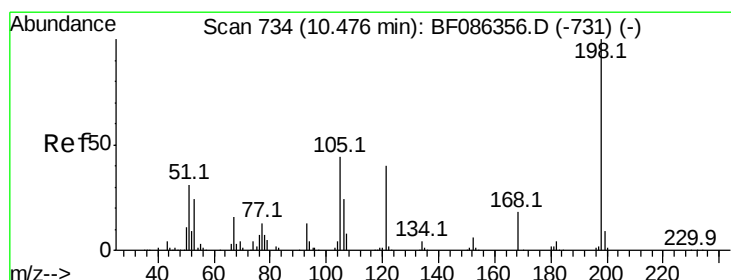
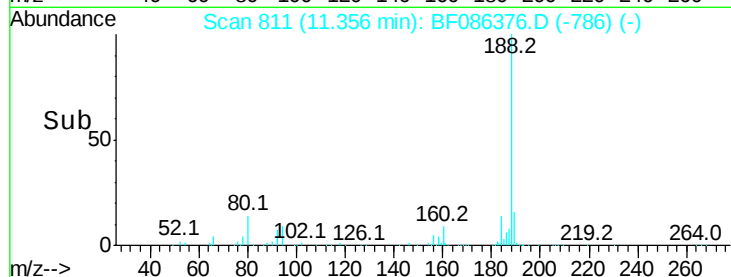
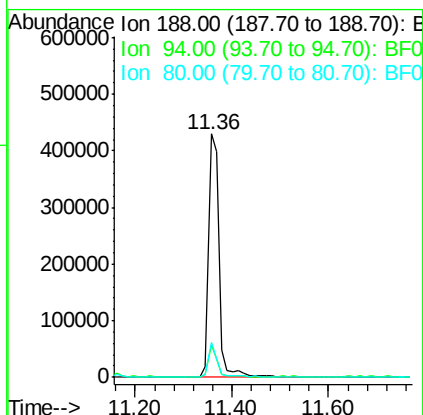
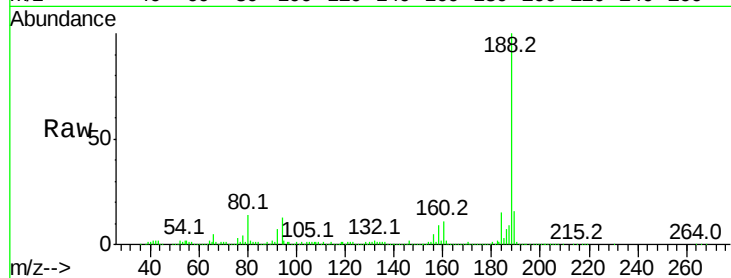
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF086376.D
Acq: 23 Apr 2016 7:47

Instrument :
BNA_F
ClientSampleId :
MW-11MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	662294		
94	13.3	6.8	10.2#	
80	14.4	7.1	10.7#	

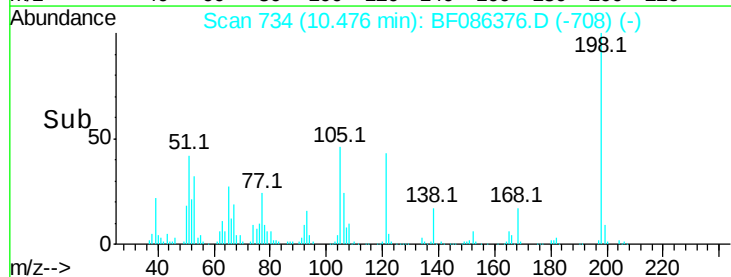
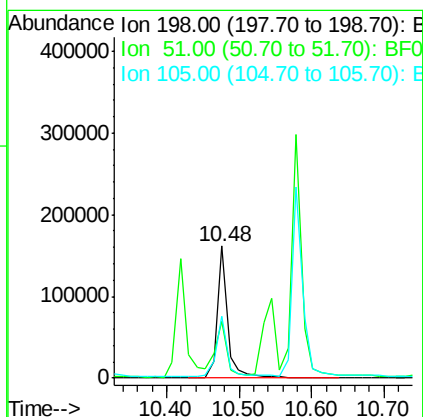
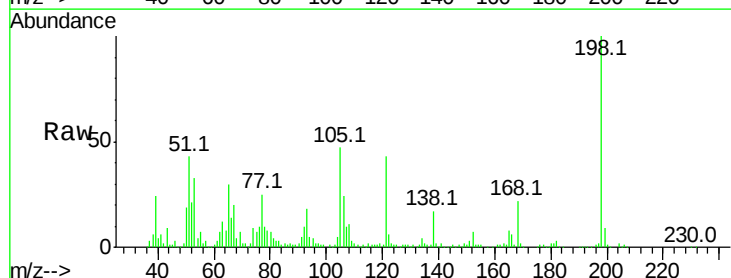
Manual Integrations
APPROVED

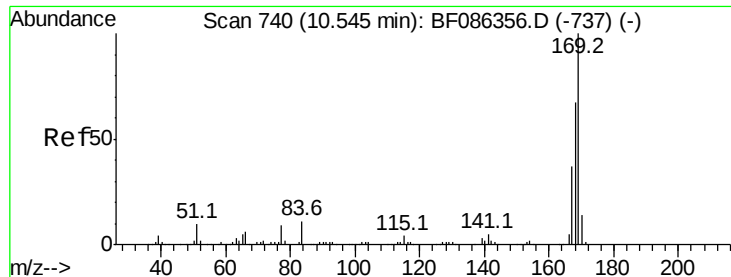
sohil
4/25/2016 12:35:48 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 40.29 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF086376.D
Acq: 23 Apr 2016 7:47

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	163065		
51	42.8	20.5	60.5	
105	46.9	24.5	64.5	





#65

n-Nitrosodiphenylamine

Concen: 42.77 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

ClientSampleId :

MW-11MS

Tot Ion:169 Resp: 873485

Ion Ratio Lower Upper

169 100

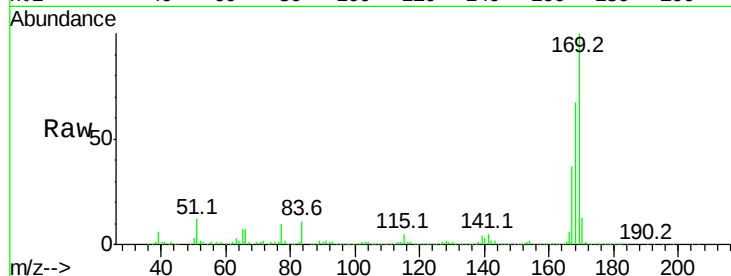
168 66.5 53.8 80.6

167 36.7 29.5 44.3

Manual Integrations
APPROVED

sohil

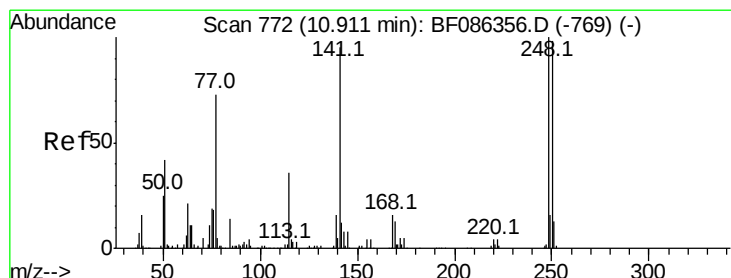
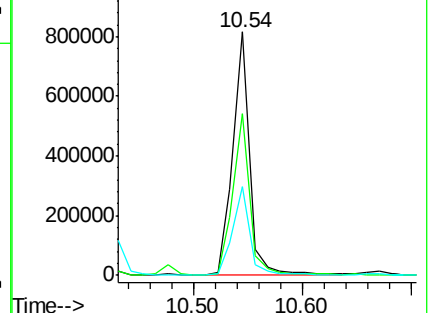
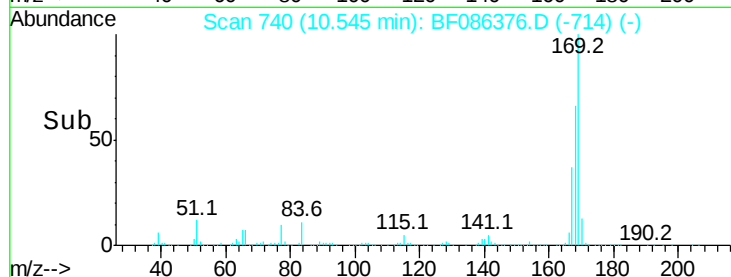
4/25/2016 12:35:48 PM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.26 ng

RT: 10.91 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

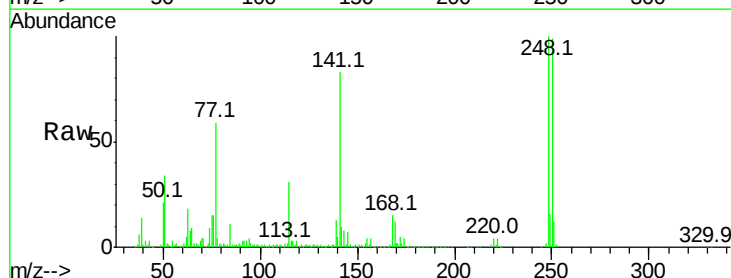
Tgt Ion:248 Resp: 267590

Ion Ratio Lower Upper

248 100

250 98.6 78.6 117.8

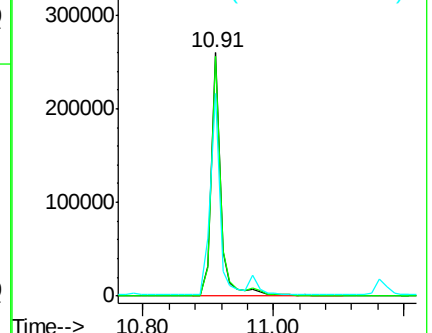
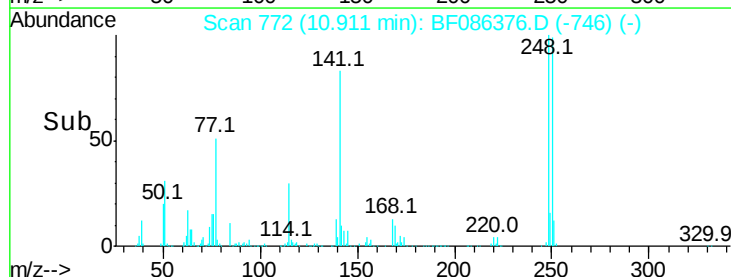
141 83.5 76.0 114.0

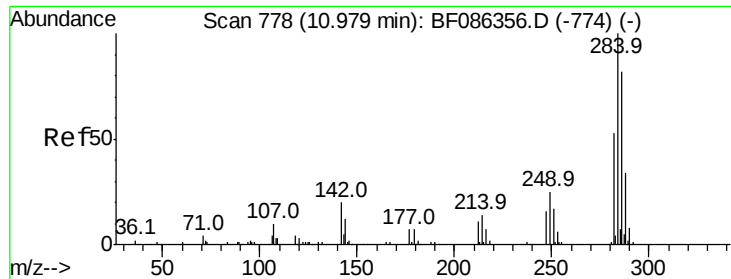


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.55 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

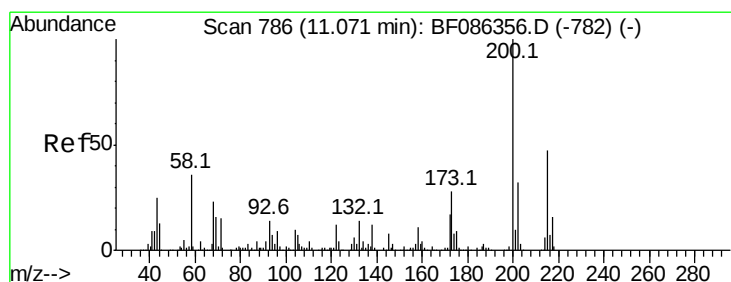
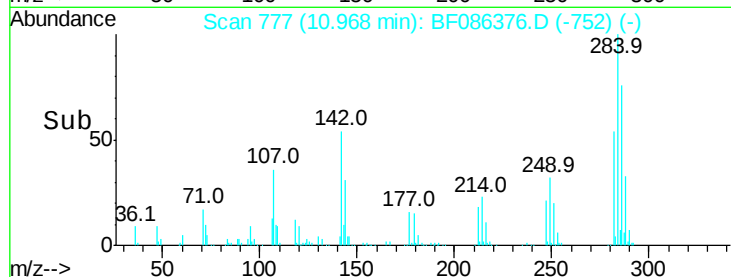
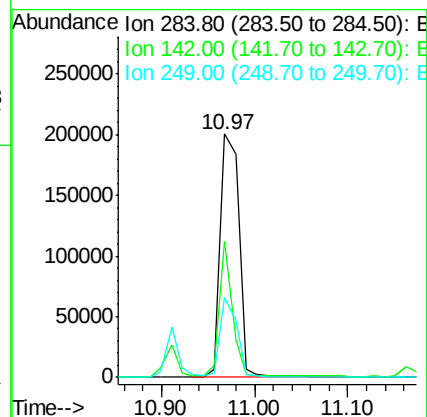
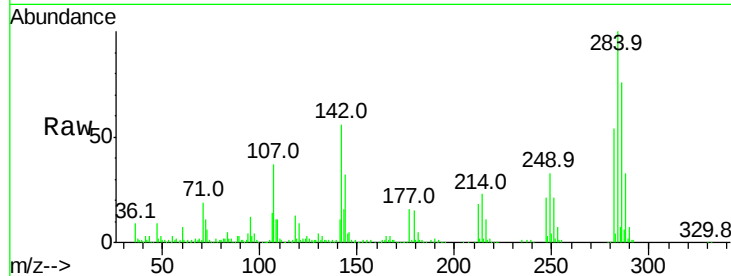
ClientSampled :

MW-11MS

Tot Ion:	284	Resp:	280582
Ion Ratio		Lower	Upper
284	100		
142	56.0	16.7	25.1#
249	33.0	21.3	31.9#

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:48 PM



#68

Atrazine

Concen: 39.93 ng

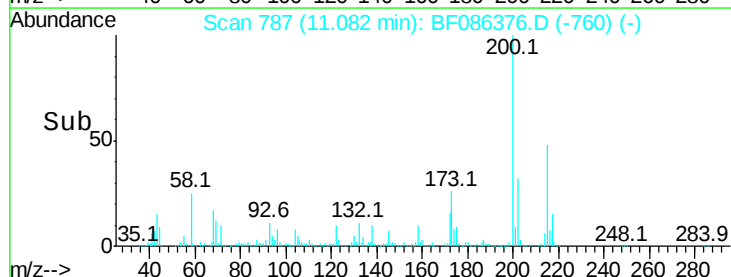
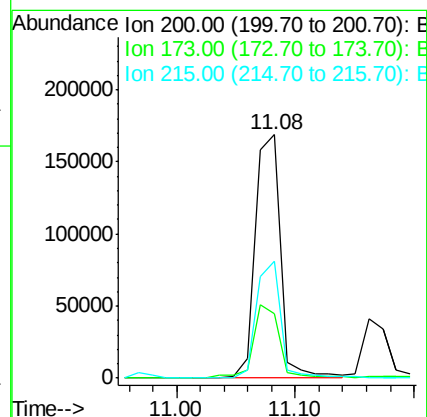
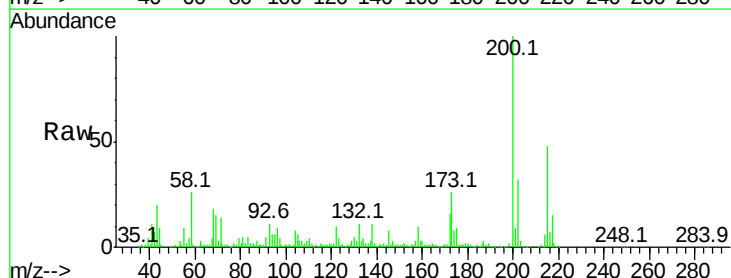
RT: 11.08 min Scan# 787

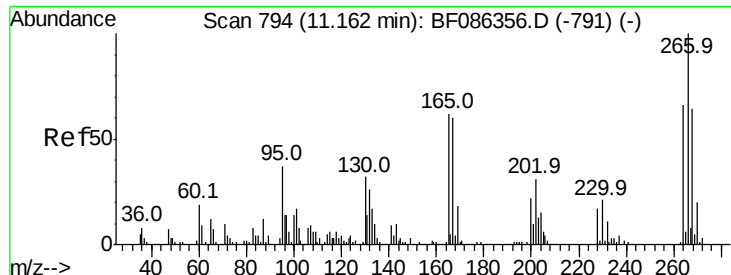
Delta R.T. 0.01 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Tgt Ion:	200	Resp:	251778
Ion Ratio		Lower	Upper
200	100		
173	26.4	8.5	48.5
215	47.8	27.2	67.2





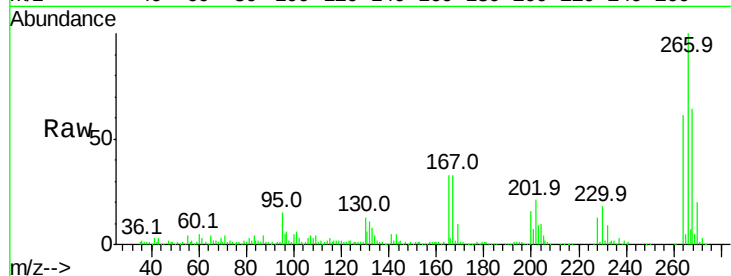
#69
 Pentachlorophenol
 Concen: 82.70 ng
 RT: 11.17 min Scan# 795
 Delta R.T. 0.01 min
 Lab File: BF086376.D
 Acq: 23 Apr 2016 7:47

Instrument :
 BNA_F
 ClientSampleId :
 MW-11MS

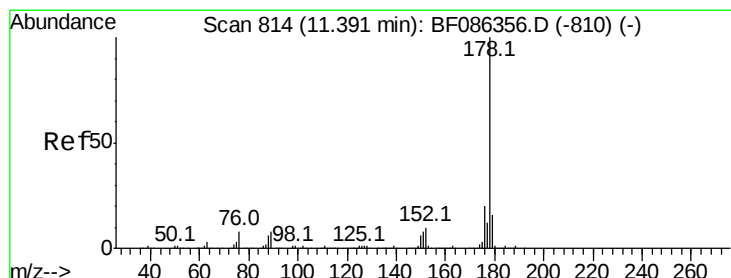
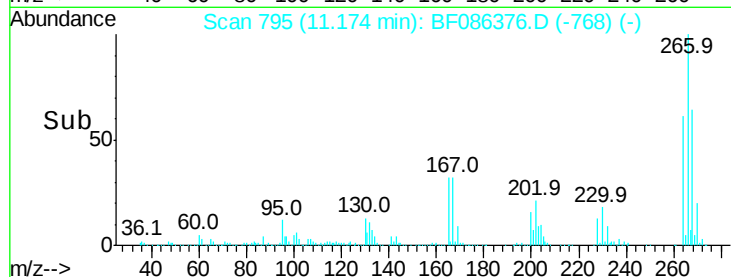
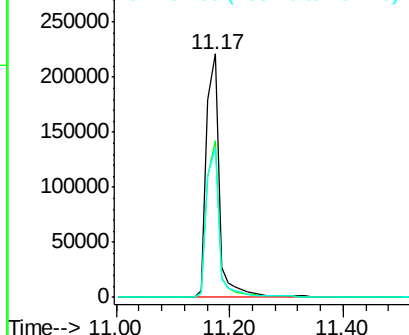
Tot Ion	Ratio	Resp	Lower	Upper
266	100	336020		
268	64.1	51.5	77.3	
264	61.3	52.9	79.3	

Manual Integrations
 APPROVED

sohil
 4/25/2016 12:35:48 PM

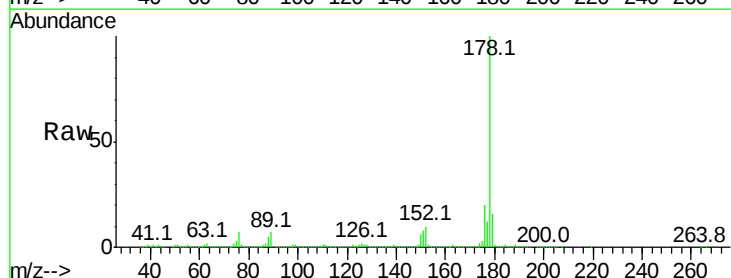


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

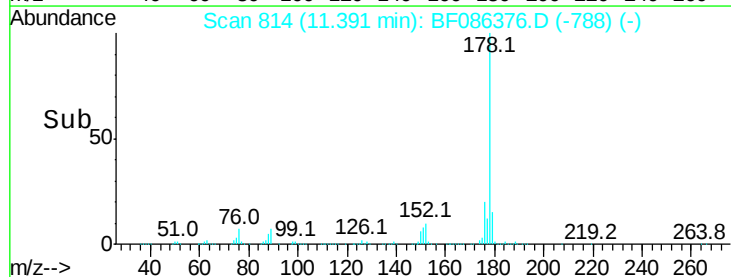
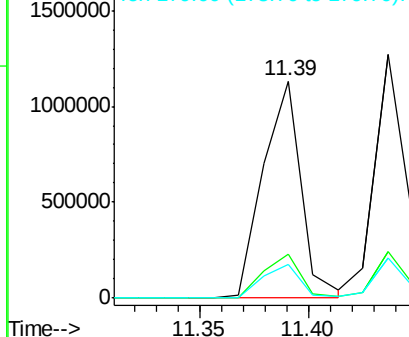


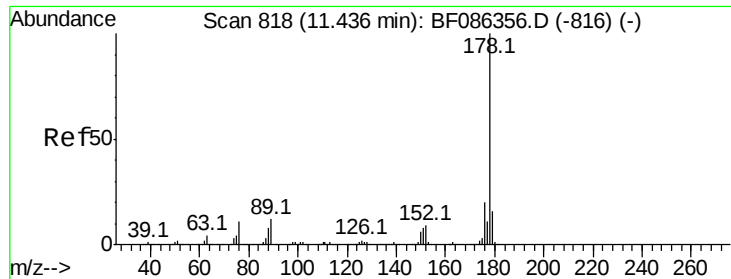
#70
 Phenanthrene
 Concen: 41.38 ng
 RT: 11.39 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF086376.D
 Acq: 23 Apr 2016 7:47

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1376974		
176	20.3	16.0	24.0	
179	15.6	12.6	18.8	



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





#71
 Anthracene
 Concen: 37.97 ng
 RT: 11.44 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF086376.D
 Acq: 23 Apr 2016 7:47

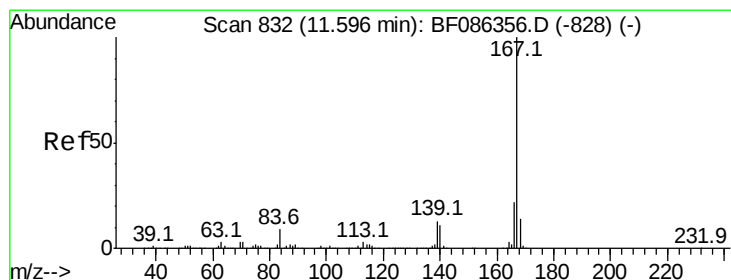
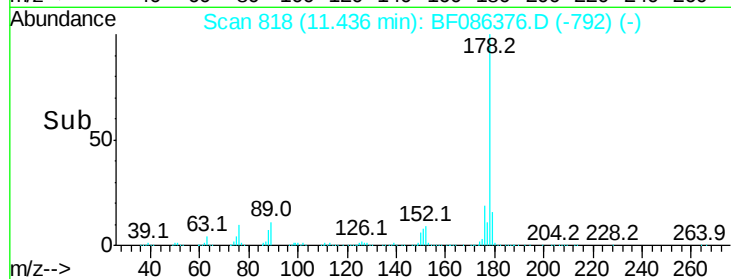
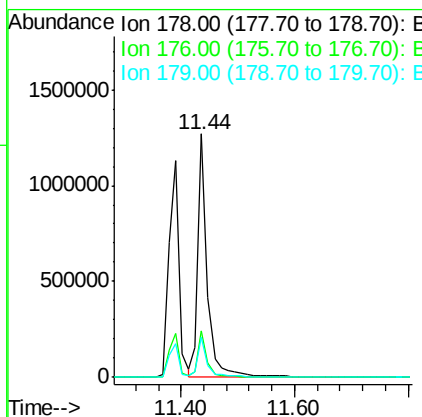
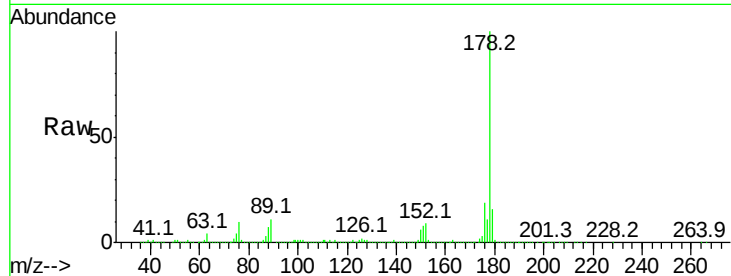
Instrument :
 BNA_F
 ClientSampleId :
 MW-11MS

Tot Ion:178 Resp: 1447757

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	16.3	12.7	19.1

Manual Integrations
 APPROVED

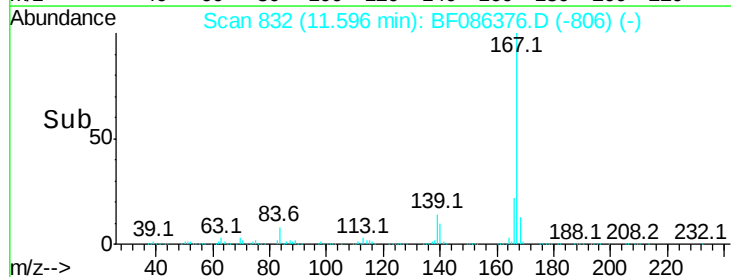
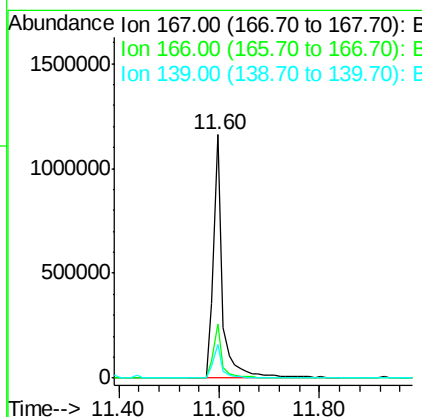
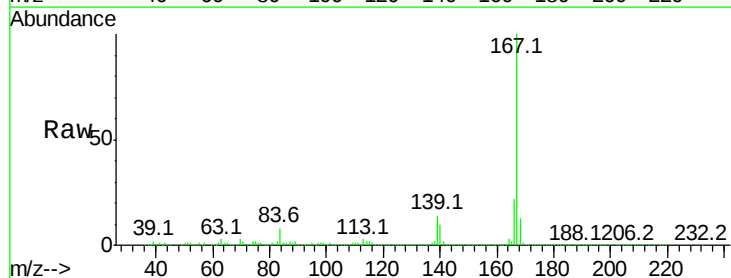
sohil
 4/25/2016 12:35:48 PM

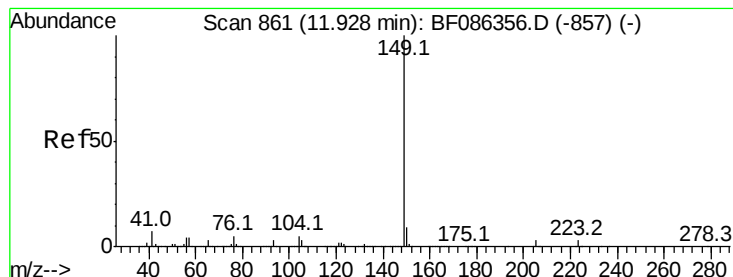


#72
 Carbazole
 Concen: 40.75 ng
 RT: 11.60 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF086376.D
 Acq: 23 Apr 2016 7:47

Tgt Ion:167 Resp: 1459421

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.7	26.5
139	13.9	10.8	16.2





#73

Di-n-butylphthalate

Concen: 39.23 ng

RT: 11.93 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

ClientSampleId :

MW-11MS

Tot Ion:149 Resp: 1477849

Ion Ratio Lower Upper

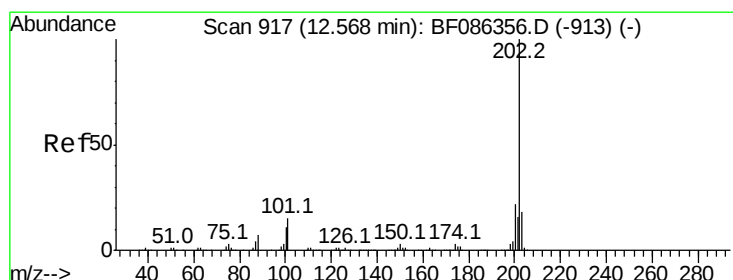
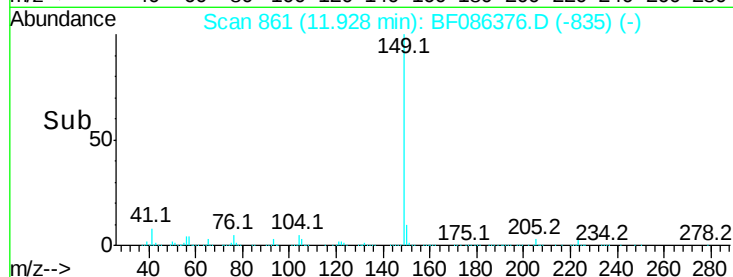
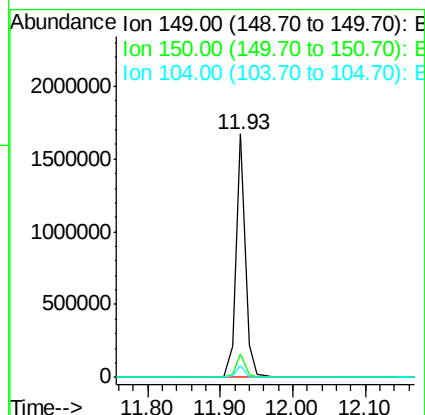
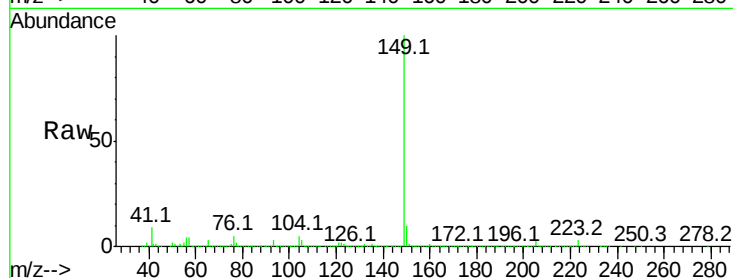
149 100

150 9.8 7.6 11.4

104 5.1 3.8 5.6

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:48 PM



#74

Fluoranthene

Concen: 34.85 ng

RT: 12.57 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

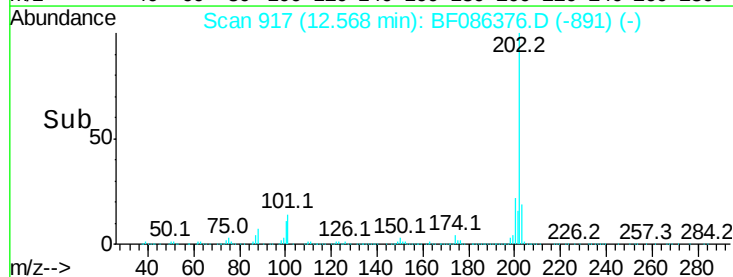
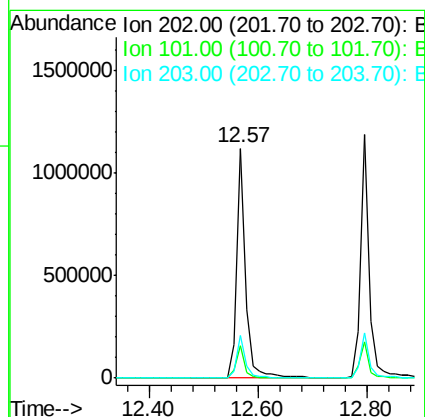
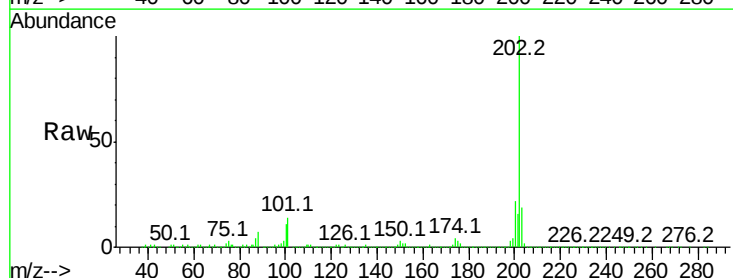
Tgt Ion:202 Resp: 1250776

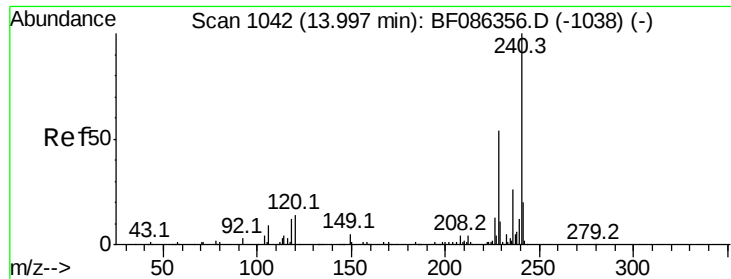
Ion Ratio Lower Upper

202 100

101 14.3 0.0 35.4

203 18.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

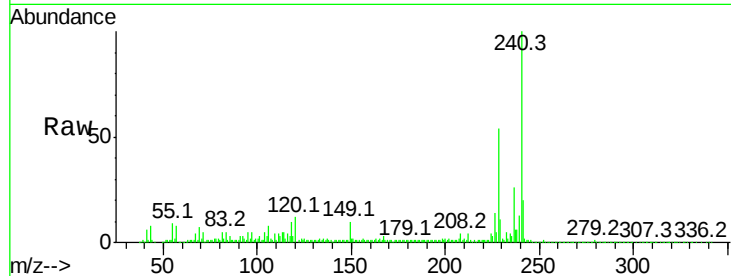
ClientSampleId :

MW-11MS

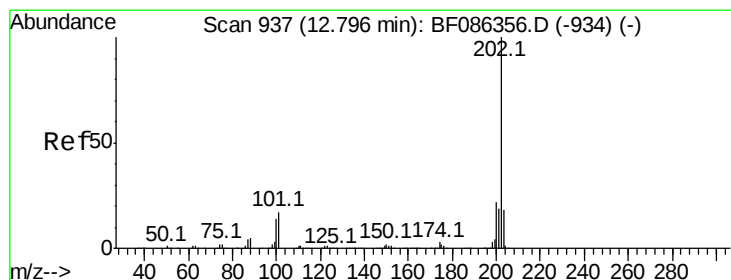
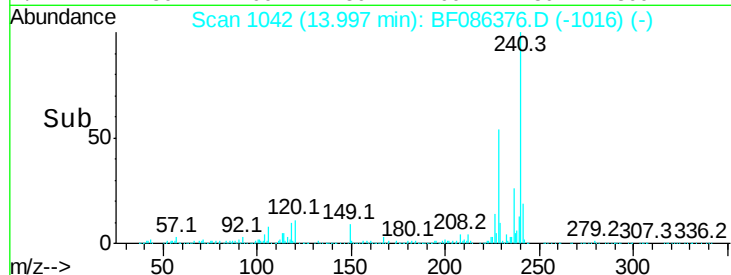
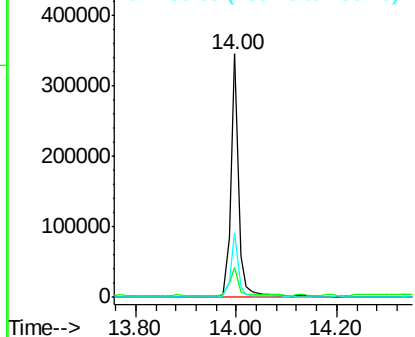
Tot Ion:	240	Resp:	367293
Ion Ratio	Lower	Upper	
240	100		
120	12.2	11.2	16.8
236	26.4	21.2	31.8

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:48 PM



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 49.45 ng

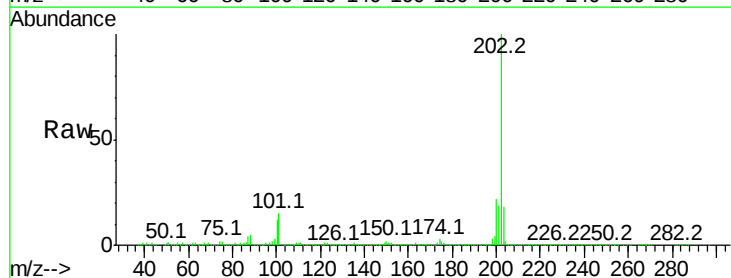
RT: 12.80 min Scan# 937

Delta R.T. 0.00 min

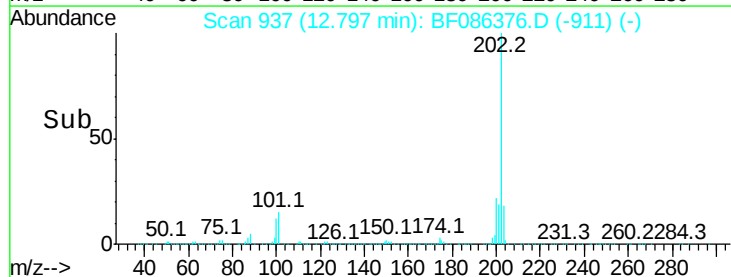
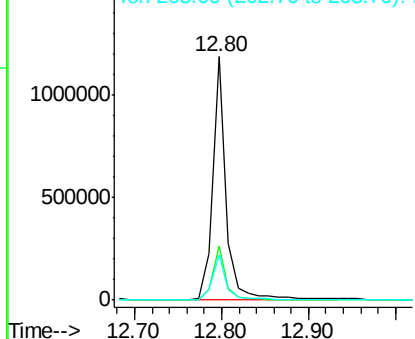
Lab File: BF086376.D

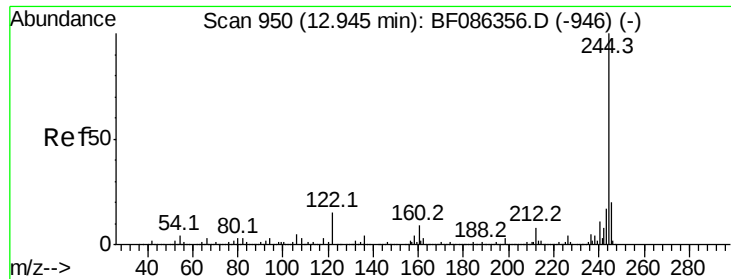
Acq: 23 Apr 2016 7:47

Tgt Ion:	202	Resp:	1266817
Ion Ratio	Lower	Upper	
202	100		
200	22.5	17.7	26.5
203	18.3	14.2	21.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 86.29 ng

RT: 12.95 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

ClientSampleId :

MW-11MS

Tot Ion:244 Resp: 1275574

Ion Ratio Lower Upper

244 100

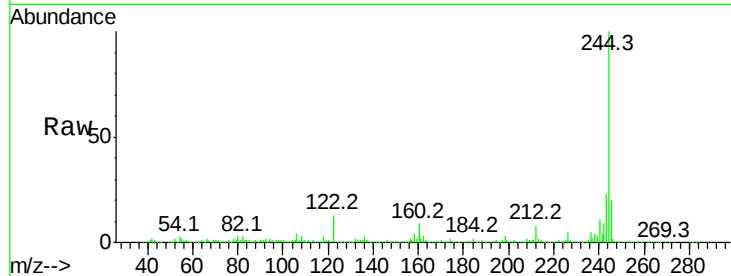
212 7.7 6.2 9.2

122 13.1 12.0 18.0

Manual Integrations
APPROVED

sohil

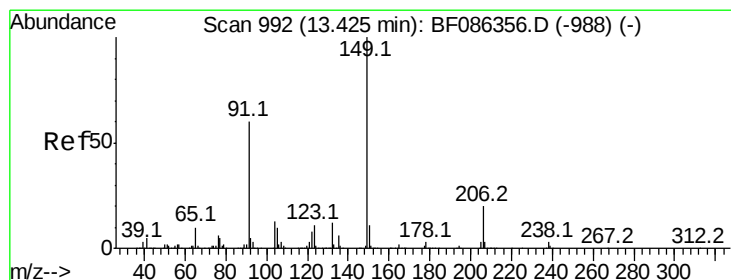
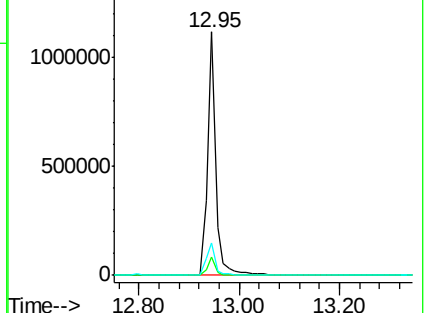
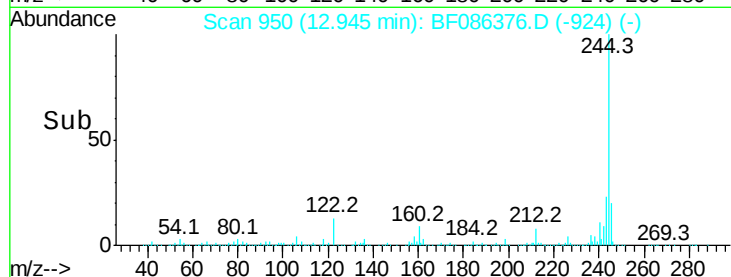
4/25/2016 12:35:48 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 48.03 ng

RT: 13.43 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

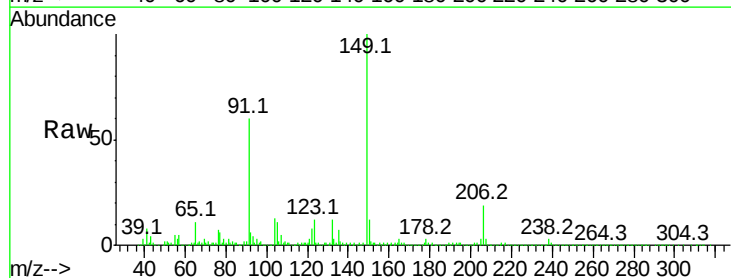
Tgt Ion:149 Resp: 573207

Ion Ratio Lower Upper

149 100

91 60.5 48.0 72.0

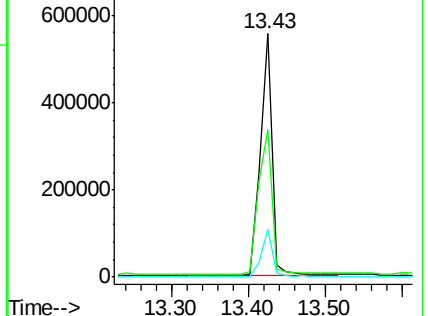
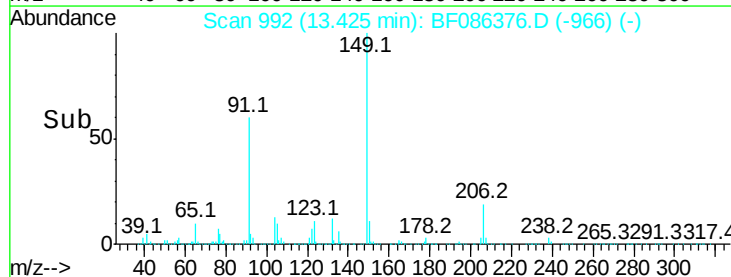
206 19.4 15.8 23.6

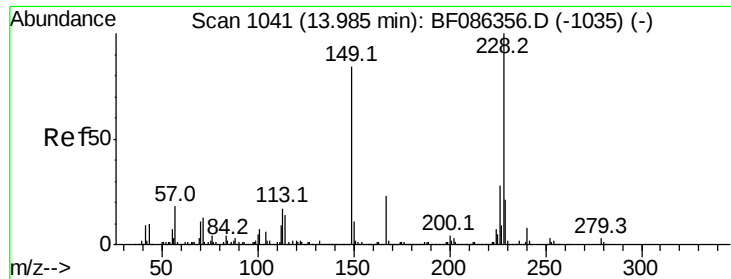


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





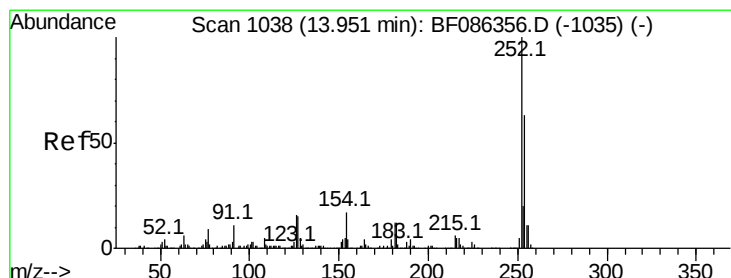
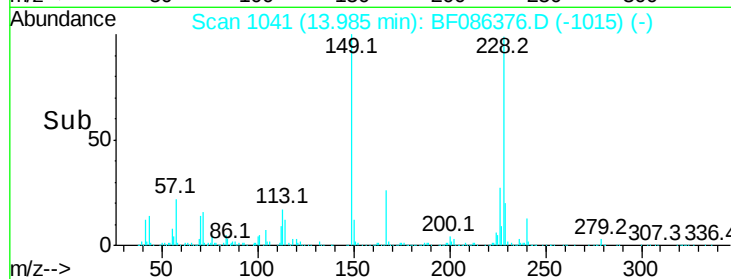
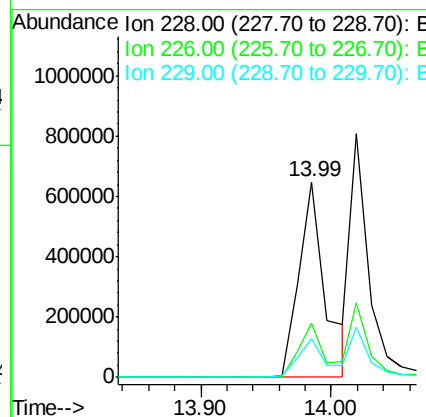
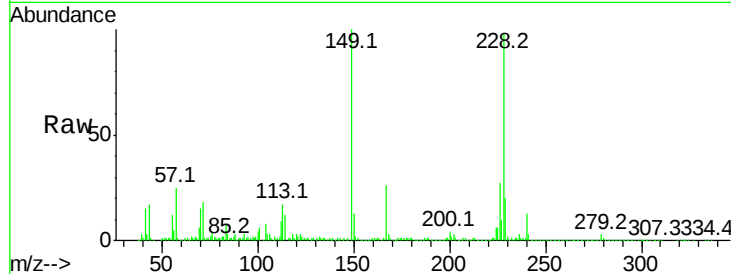
#80
Benzo(a)anthracene
Concen: 47.52 ng
RT: 13.99 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF086376.D
Acq: 23 Apr 2016 7:47

Instrument :
BNA_F
ClientSampled :
MW-11MS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	906128		
226	27.5		22.5	33.7
229	20.1		16.6	25.0

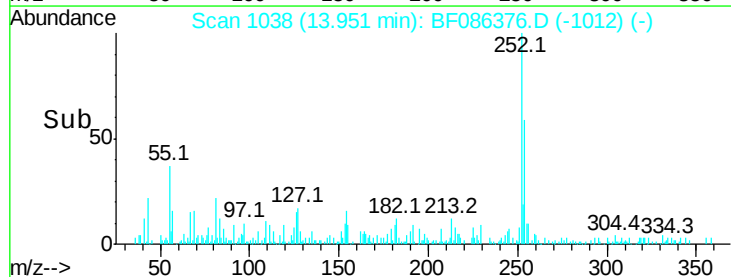
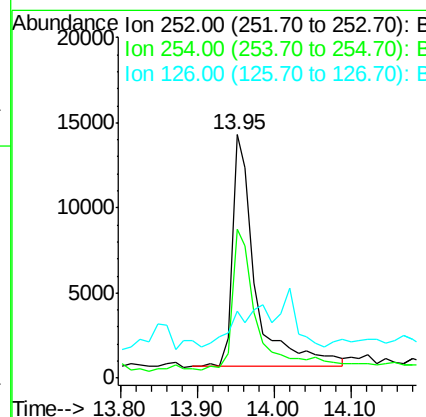
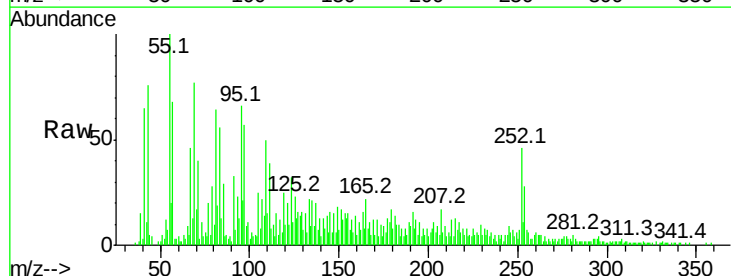
Manual Integrations
APPROVED

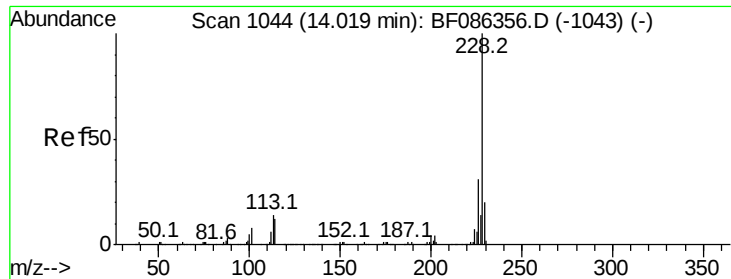
sohil
4/25/2016 12:35:48 PM



#81
3,3'-Dichlorobenzidine
Concen: 2.18 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF086376.D
Acq: 23 Apr 2016 7:47

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	28627		
254	60.9		50.7	76.1
126	27.6		12.7	19.1#





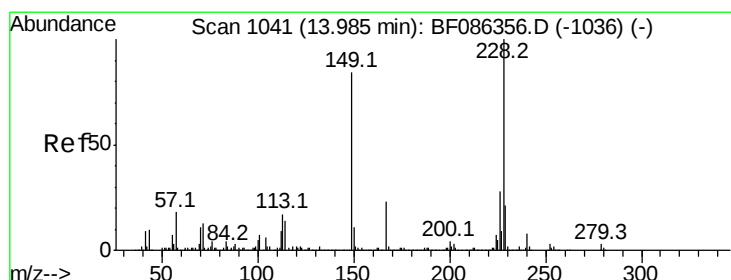
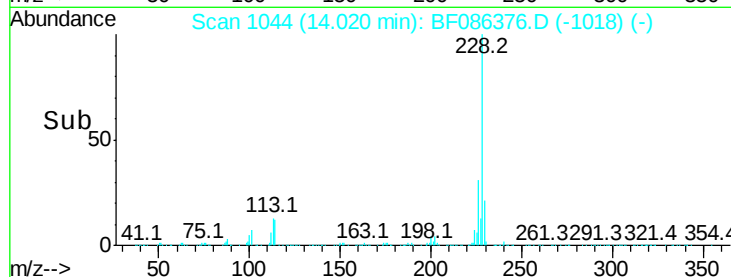
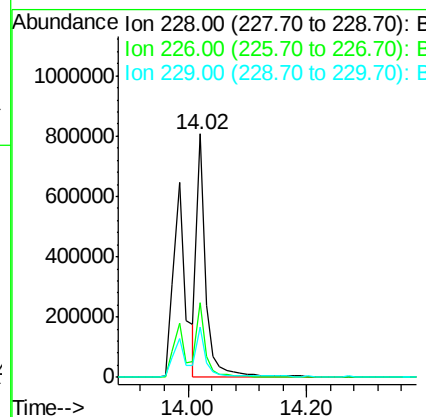
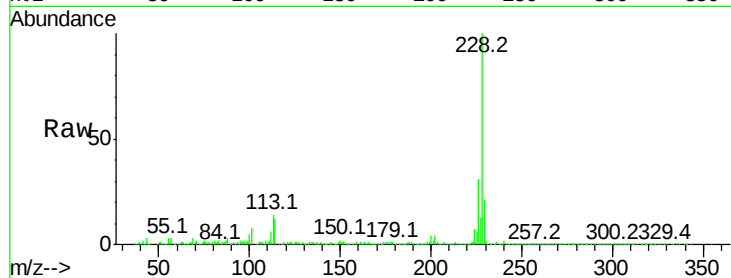
#82
 Chrvsene
 Concen: 39.34 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF086376.D
 Acq: 23 Apr 2016 7:47

Instrument :
 BNA_F
 ClientSampleId :
 MW-11MS

Tot Ion:	228	Resp:	845125
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.4	36.6
229	20.9	15.8	23.8

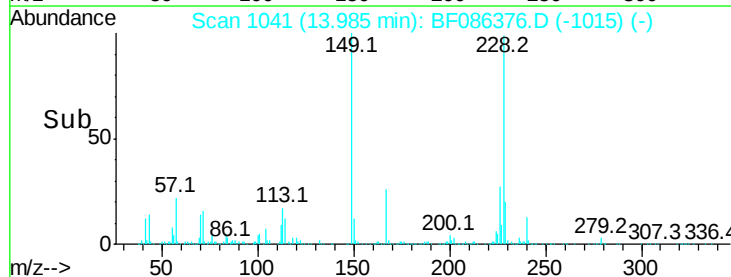
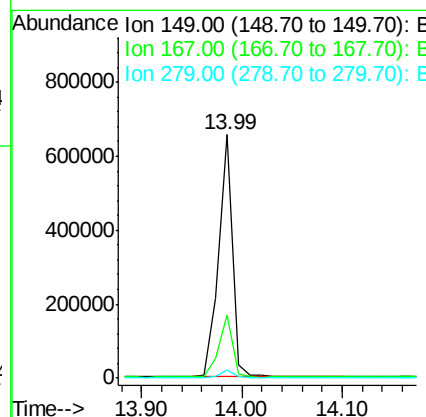
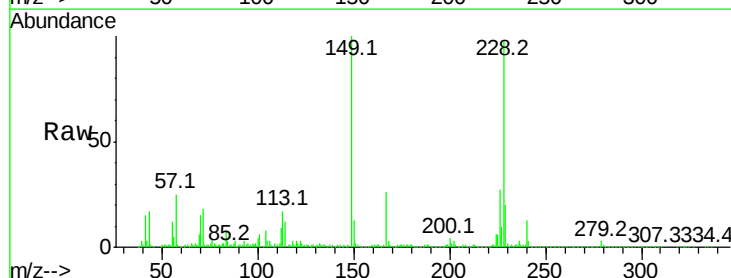
Manual Integrations
 APPROVED

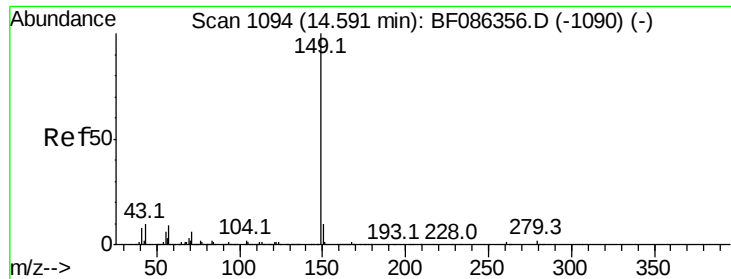
sohil
 4/25/2016 12:35:48 PM



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.69 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF086376.D
 Acq: 23 Apr 2016 7:47

Tgt Ion:	149	Resp:	623839
Ion Ratio	Lower	Upper	
149	100		
167	26.2	21.8	32.6
279	3.2	2.6	4.0





#84

Di-n-octyl phthalate

Concen: 42.01 ng

RT: 14.59 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

ClientSampleId :

MW-11MS

Tot Ion:149 Resp: 1077766

Ion Ratio Lower Upper

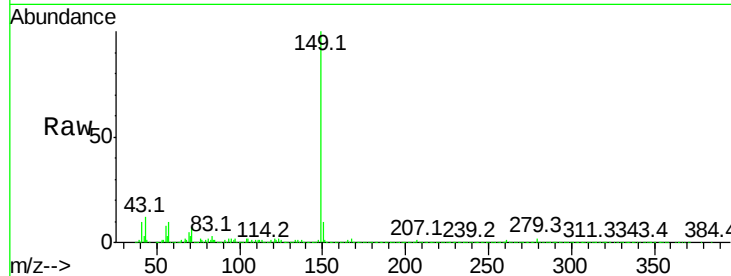
149 100

167 1.7 1.2 1.8

43 11.3 8.2 12.4

Manual Integrations
APPROVED

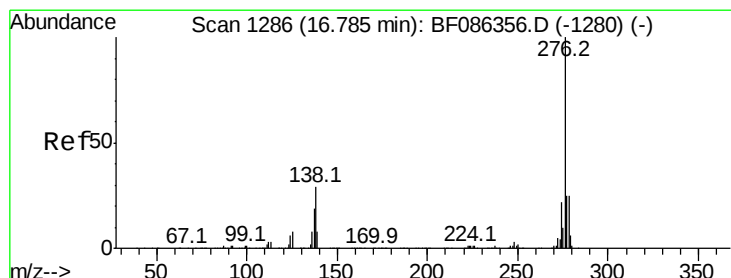
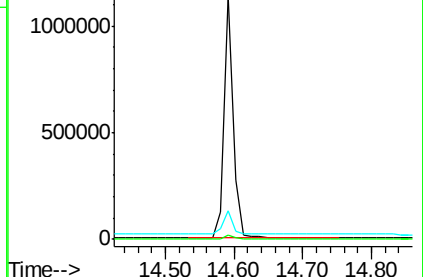
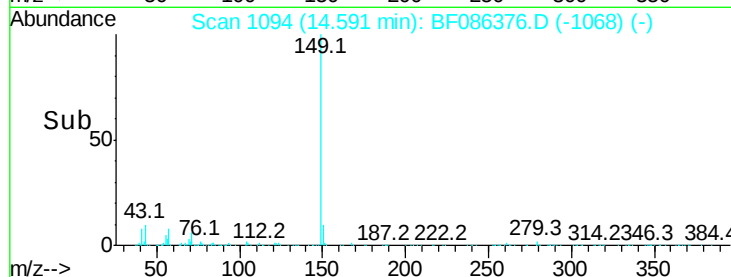
sohil
4/25/2016 12:35:48 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 52.06 ng

RT: 16.80 min Scan# 1287

Delta R.T. 0.01 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

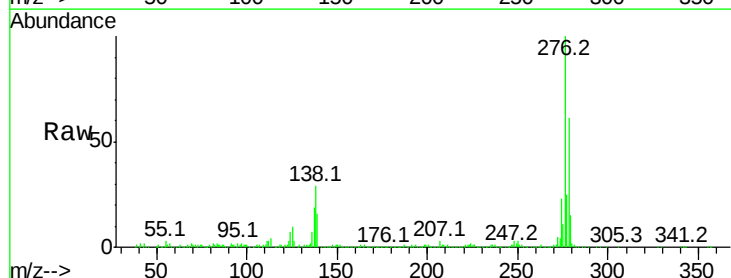
Tgt Ion:276 Resp: 994217

Ion Ratio Lower Upper

276 100

138 31.0 25.6 38.4

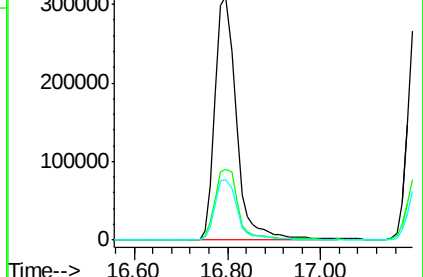
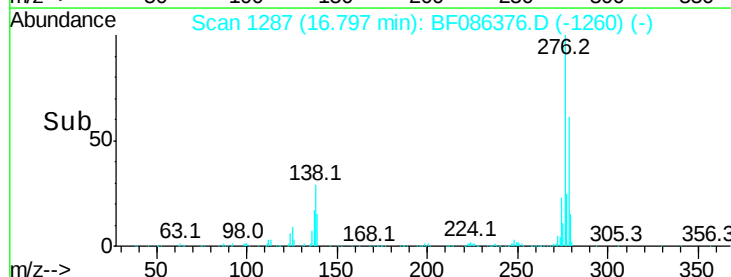
277 25.6 20.5 30.7

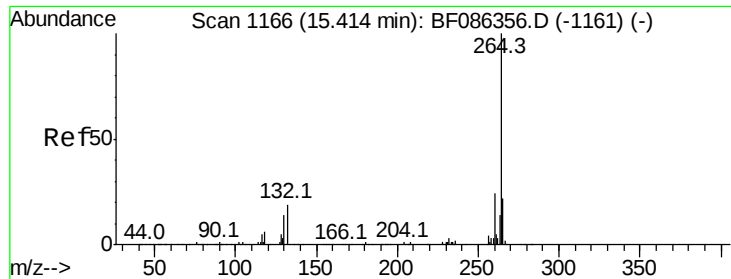


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





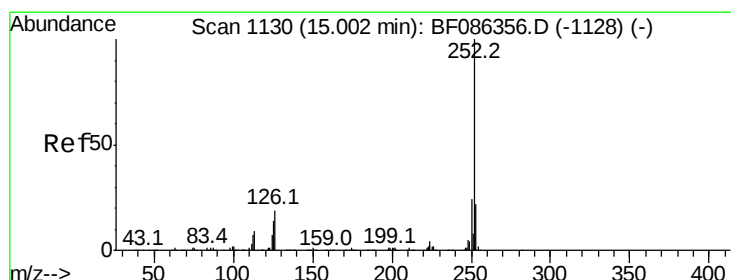
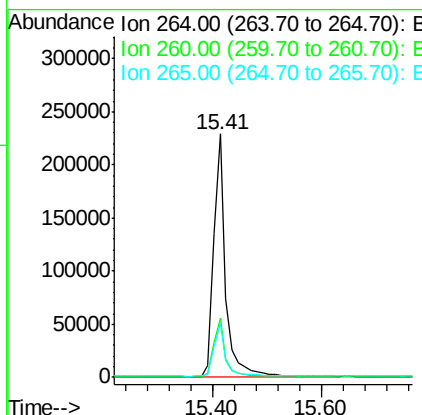
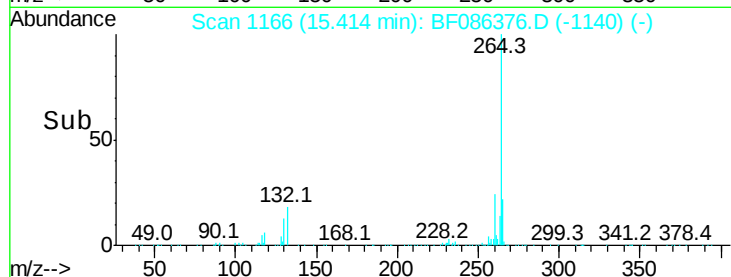
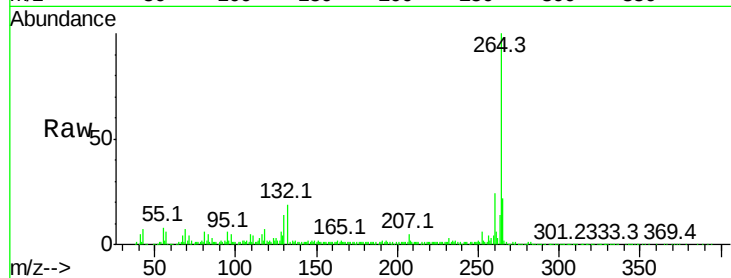
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF086376.D
Acq: 23 Apr 2016 7:47

Instrument :
BNA_F
ClientSampleId :
MW-11MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.1	17.3	25.9

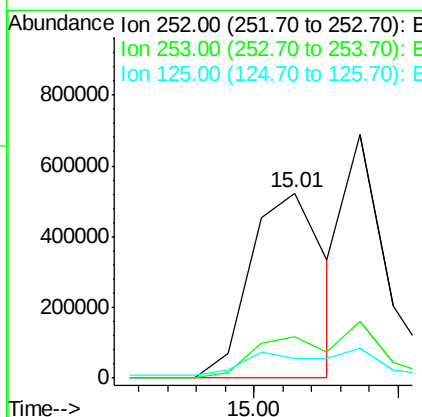
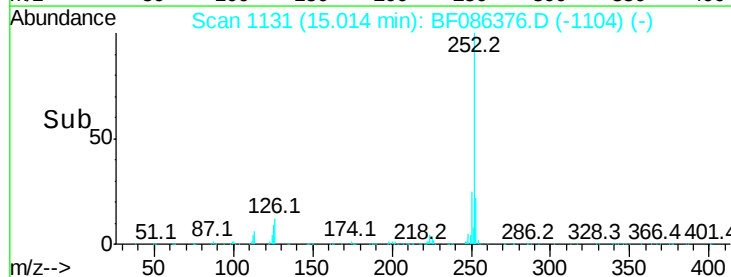
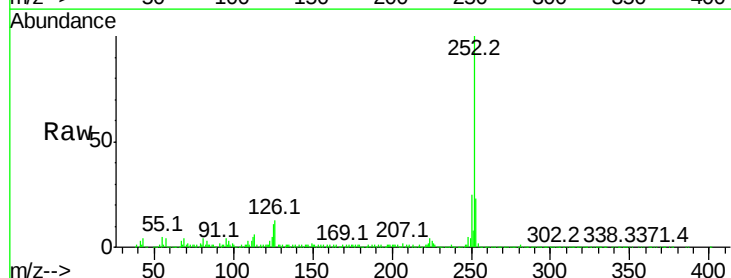
Manual Integrations
APPROVED

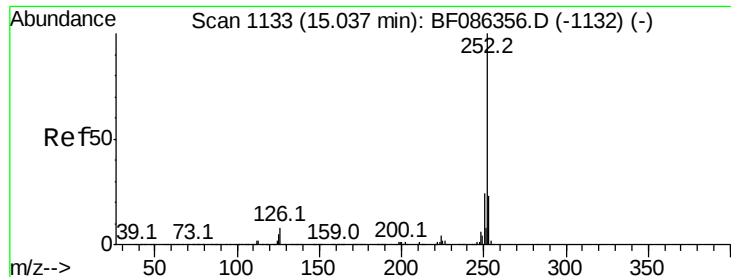
sohil
4/25/2016 12:35:48 PM



#87
Benzo(b)fluoranthene
Concen: 48.52 ng m
RT: 15.01 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BF086376.D
Acq: 23 Apr 2016 7:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	10.7	11.4	17.0





#88

Benzo(k)fluoranthene

Concen: 37.77 ng

RT: 15.04 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

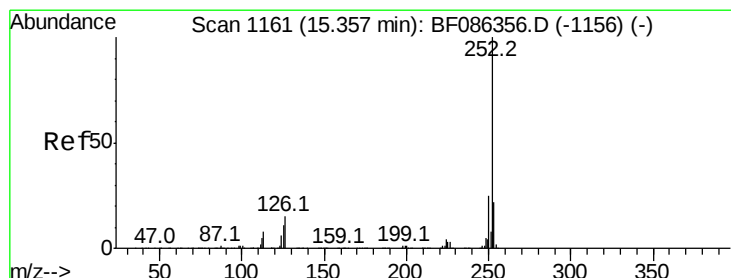
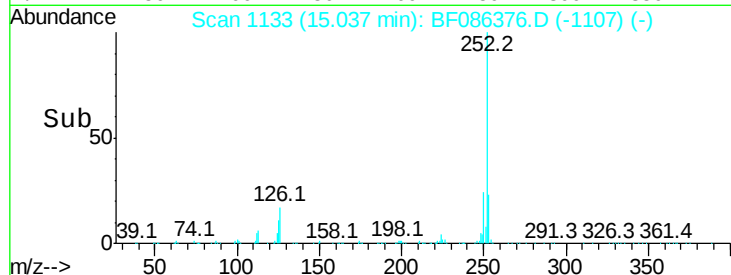
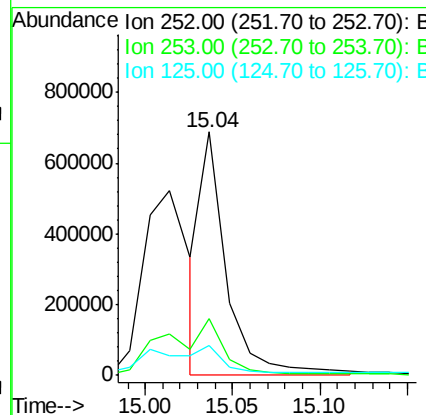
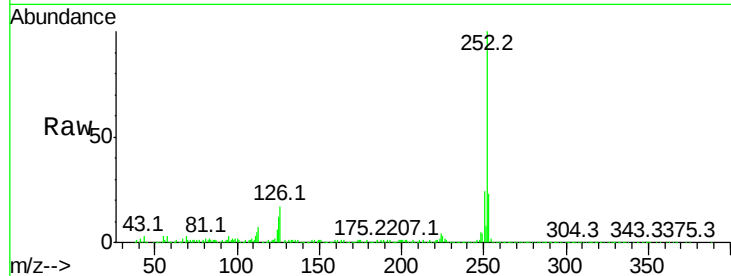
ClientSampleId :

MW-11MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	12.3	9.1	13.7

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:48 PM



#89

Benzo(a)pyrene

Concen: 42.94 ng

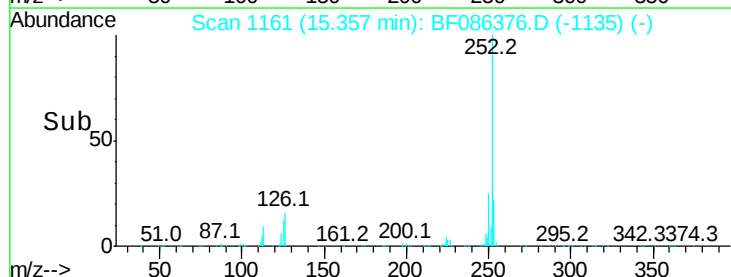
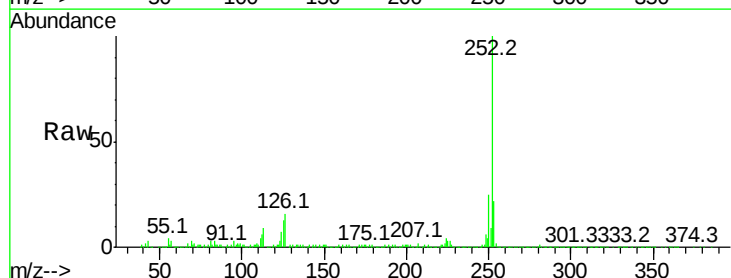
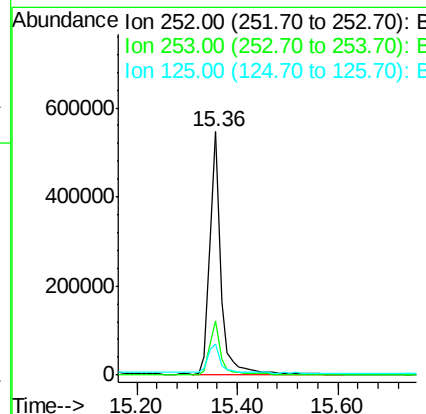
RT: 15.36 min Scan# 1161

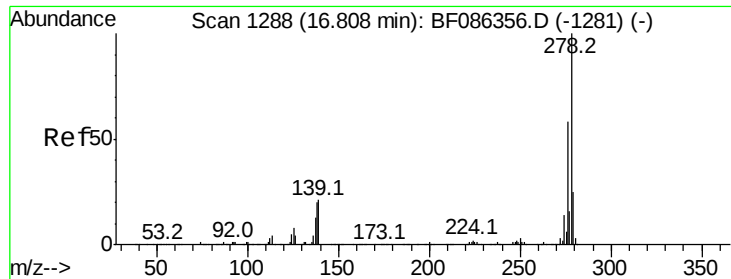
Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	12.9	9.0	13.6





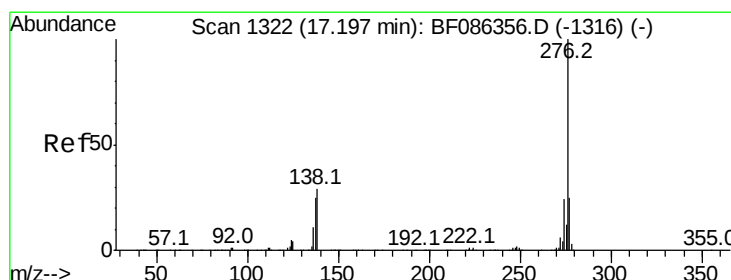
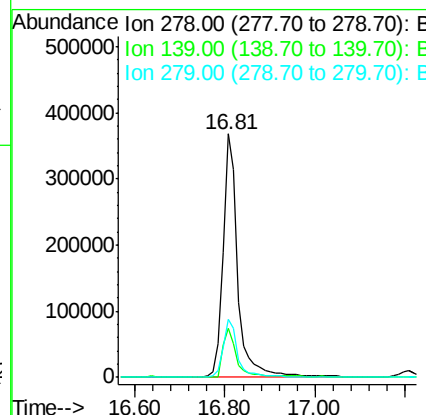
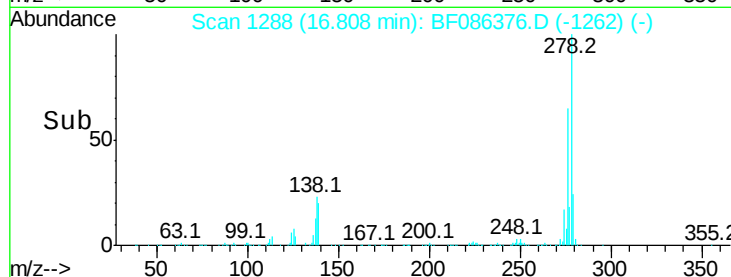
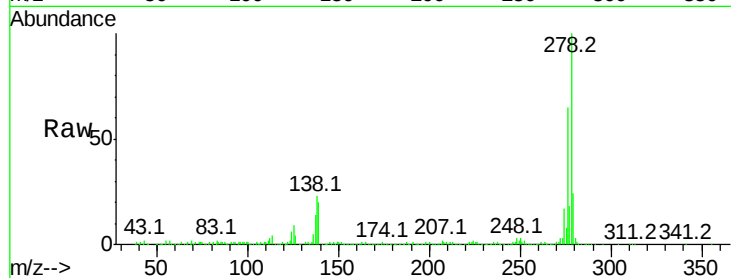
#90
Dibenzo(a,h)anthracene
Concen: 52.84 ng
RT: 16.81 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF086376.D
Acq: 23 Apr 2016 7:47

Instrument :
BNA_F
ClientSampleId :
MW-11MS

Tot Ion:	278	Resp:	840500
Ion Ratio	Lower	Upper	
278	100		
139	20.3	16.6	24.8
279	23.9	19.6	29.4

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:48 PM



#91
Benzo(g,h,i)perylene
Concen: 53.27 ng
RT: 17.21 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF086376.D
Acq: 23 Apr 2016 7:47

Tgt Ion:	276	Resp:	874701
Ion Ratio	Lower	Upper	
276	100		
277	24.9	19.6	29.4
138	26.6	23.6	35.4

