

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
 Data File : BF090078.D
 Acq On : 15 Sep 2016 4:34
 Operator : UM/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

sohil
 9/15/2016 12:51:55 PM

Quant Time: Sep 15 07:05:35 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 04:11:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	167263m	20.00	ng	0.01
21) Naphthalene-d8	7.84	136	685117	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	330605	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	606663	20.00	ng	0.00
75) Chrysene-d12	13.67	240	376755	20.00	ng	0.00
86) Perylene-d12	14.99	264	369395	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	1193803	114.09	ng	0.00
7) Phenol-d6	6.22	99	1503905	110.02	ng	0.01
23) Nitrobenzene-d5	7.13	82	1486364	122.41	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	349427	103.45	ng	0.00
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	12.64	244	1676599	110.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.00	88	340007	65.13	ng	99
3) Pyridine	2.59	79	886951	67.24	ng	97
4) n-Nitrosodimethylamine	2.58	42	286505	71.33	ng	99
6) Aniline	6.23	93	1004420m	59.10	ng	
8) 2-Chlorophenol	6.34	128	676496	56.43	ng	91
9) Benzaldehyde	6.09	77	385023	53.14	ng	98
10) Phenol	6.23	94	829434	52.19	ng	89
11) bis(2-Chloroethyl)ether	6.31	93	670327	54.90	ng	95
12) 1,3-Dichlorobenzene	6.49	146	679058m	54.92	ng	
13) 1,4-Dichlorobenzene	6.57	146	686959m	54.17	ng	
14) 1,2-Dichlorobenzene	6.73	146	649963	55.70	ng	# 94
15) Benzyl Alcohol	6.72	79	456505	58.98	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.86	45	818299	55.70	ng	98
17) 2-Methylphenol	6.83	107	589827	60.31	ng	98
18) Hexachloroethane	7.07	117	266916	57.56	ng	# 78
19) n-Nitroso-di-n-propylamine	7.00	70	481435	57.03	ng	98
20) 3+4-Methylphenols	7.00	107	703991	59.82	ng	97
22) Acetophenone	6.98	105	930324	56.11	ng	# 96
24) Nitrobenzene	7.15	77	705761	54.98	ng	95
25) Isophorone	7.40	82	1506881	59.27	ng	99
26) 2-Nitrophenol	7.46	139	380438	61.50	ng	95
27) 2,4-Dimethylphenol	7.52	122	636367	58.33	ng	98
28) bis(2-Chloroethoxy)methane	7.62	93	901314	60.84	ng	99
29) 2,4-Dichlorophenol	7.71	162	546771	56.54	ng	92
30) 1,2,4-Trichlorobenzene	7.79	180	553261	58.15	ng	96
31) Naphthalene	7.86	128	1875228	55.65	ng	100
32) Benzoic acid	7.70	122	535119	63.57	ng	95
33) 4-Chloroaniline	7.93	127	845249	59.46	ng	# 92
34) Hexachlorobutadiene	7.99	225	260282	53.69	ng	98
35) Caprolactam	8.33	113	198313m	60.32	ng	
36) 4-Chloro-3-methylphenol	8.42	107	606141	53.66	ng	98
37) 2-Methylnaphthalene	8.56	142	1210025	58.12	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	458697	53.62	ng	97
40) Hexachlorocyclopentadiene	8.71	237	271369	61.14	ng	98

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
 Data File : BF090078.D
 Acq On : 15 Sep 2016 4:34
 Operator : UM/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

sohil
 9/15/2016 12:51:55 PM

Quant Time: Sep 15 07:05:35 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 04:11:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	369476	58.54	ng	99
43) 2,4,5-Trichlorophenol	8.88	196	370560	54.78	ng #	88
45) 1,1'-Biphenyl	9.03	154	1506101	54.31	ng	97
46) 2-Chloronaphthalene	9.04	162	1056818	54.17	ng	98
47) 2-Nitroaniline	9.14	65	354396	55.28	ng	85
48) Acenaphthylene	9.45	152	1596835	47.33	ng	99
49) Dimethylphthalate	9.35	163	1460266	59.34	ng	99
50) 2,6-Dinitrotoluene	9.39	165	278906	50.83	ng	93
51) Acenaphthene	9.62	154	932392	46.23	ng	99
52) 3-Nitroaniline	9.56	138	416771	62.51	ng	97
53) 2,4-Dinitrophenol	9.67	184	209033	80.31	ng #	86
54) Dibenzofuran	9.79	168	1236186	46.87	ng	94
55) 4-Nitrophenol	9.74	139	311638	47.65	ng	98
56) 2,4-Dinitrotoluene	9.79	165	341249	50.84	ng	98
57) Fluorene	10.14	166	1048962	50.83	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.92	232	300301	58.77	ng	98
59) Diethylphthalate	10.03	149	1269331	53.44	ng	99
60) 4-Chlorophenyl-phenylether	10.14	204	431701	49.14	ng #	84
61) 4-Nitroaniline	10.18	138	405995	59.49	ng	91
62) Azobenzene	10.30	77	1422148	56.37	ng	88
64) 4,6-Dinitro-2-methylphenol	10.20	198	262562	66.94	ng	98
65) n-Nitrosodiphenylamine	10.26	169	1130248	58.30	ng	99
66) 4-Bromophenyl-phenylether	10.62	248	314227	53.94	ng #	84
67) Hexachlorobenzene	10.67	284	348707	51.04	ng #	87
68) Atrazine	10.79	200	306703	54.58	ng	96
69) Pentachlorophenol	10.87	266	241904	59.40	ng	100
70) Phenanthrene	11.09	178	1629534	55.34	ng	99
71) Anthracene	11.13	178	1619634	52.53	ng	99
72) Carbazole	11.29	167	1665345	50.82	ng	98
73) Di-n-butylphthalate	11.65	149	2060164	56.98	ng #	97
74) Fluoranthene	12.25	202	1683999	55.31	ng	98
76) Benzidine	12.39	184	903465	58.23	ng	97
77) Pyrene	12.48	202	1516746	57.47	ng	98
79) Butylbenzylphthalate	13.12	149	889229	66.82	ng	87
80) Benzo(a)anthracene	13.66	228	1321370	62.12	ng	99
81) 3,3'-Dichlorobenzidine	13.63	252	522141	58.24	ng #	98
82) Chrysene	13.70	228	1292385	62.20	ng	100
83) Bis(2-ethylhexyl)phthalate	13.68	149	985324	59.88	ng	99
84) Di-n-octyl phthalate	14.29	149	1832374	63.03	ng	99
85) Indeno(1,2,3-cd)pyrene	16.18	276	1070116	59.49	ng	99
87) Benzo(b)fluoranthene	14.65	252	1314270m	58.65	ng	
88) Benzo(k)fluoranthene	14.67	252	936813m	51.11	ng	
89) Benzo(a)pyrene	14.95	252	1076789	54.92	ng #	95
90) Dibenzo(a,h)anthracene	16.21	278	872319	56.14	ng	98
91) Benzo(g,h,i)perylene	16.54	276	856144	57.65	ng	99

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

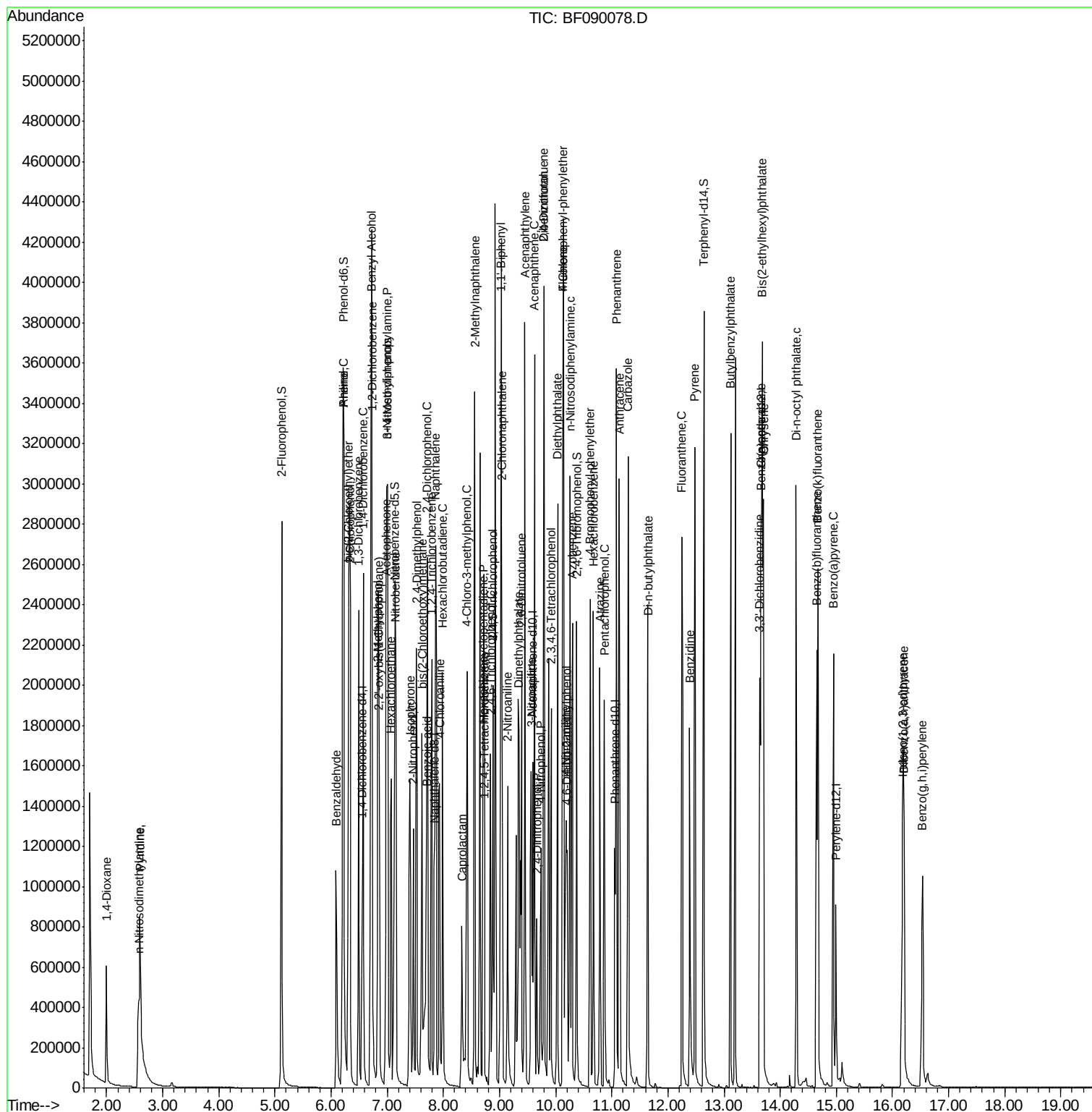
```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\  
Data File : BF090078.D  
Acq On    : 15 Sep 2016    4:34  
Operator  : UM/SJ  
Sample    : SSTDICC060  
Misc      :  
ALS Vial  : 8    Sample Multiplier: 1
```

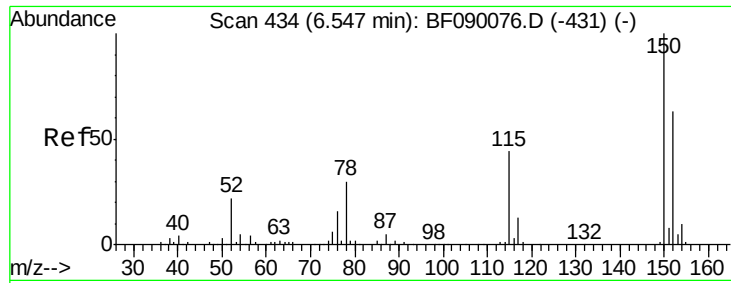
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

sohil
9/15/2016 12:51:55 PM

Quant Time: Sep 15 07:05:35 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 15 04:11:15 2016
Response via : Initial Calibration





#1

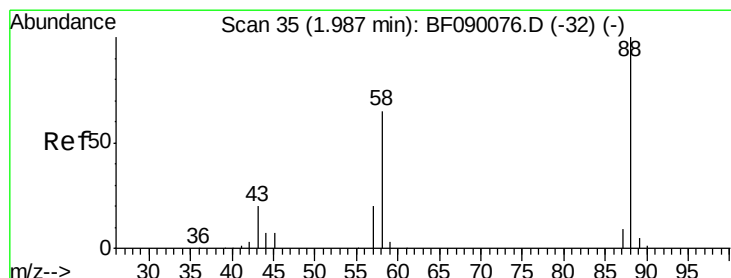
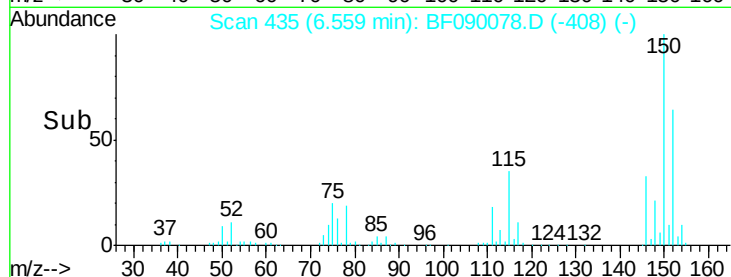
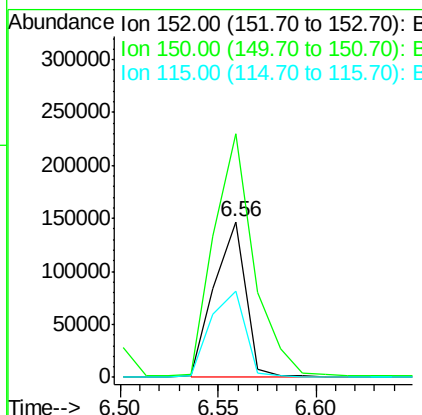
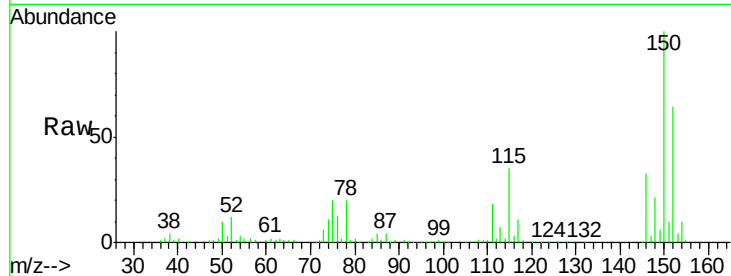
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng m
 RT: 6.56 min Scan# 435
 Delta R.T. 0.01 min
 Lab File: BF090078.D
 Acq: 15 Sep 2016 4:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.4	128.9	193.3
115	55.2	55.5	83.3

Manual Integrations
 APPROVED

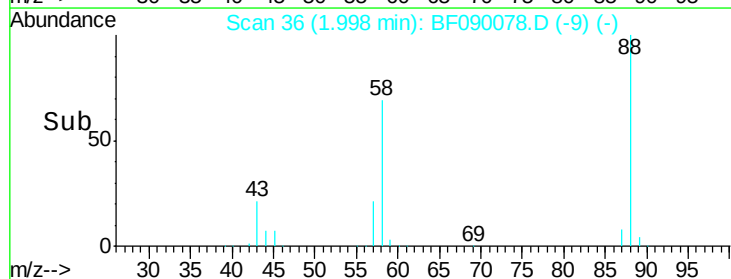
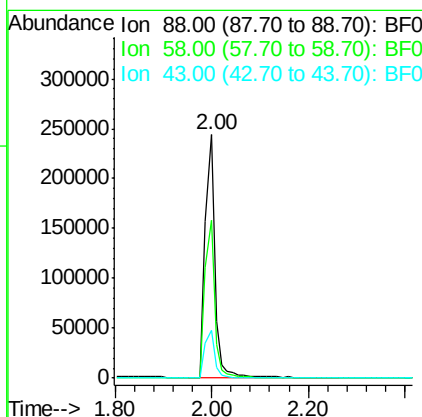
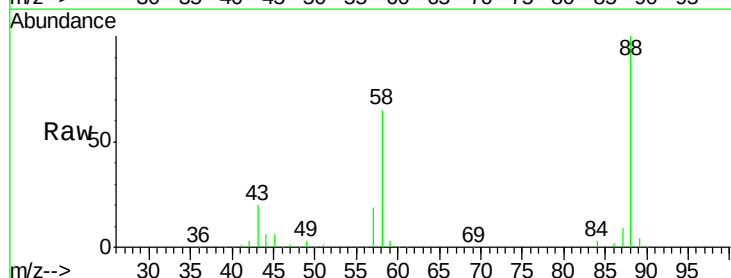
sohil
 9/15/2016 12:51:55 PM

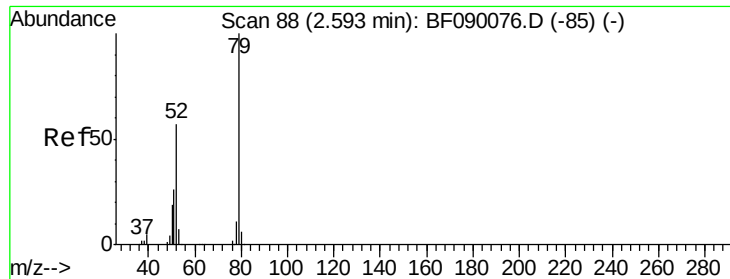


#2

1,4-Dioxane
 Concen: 65.13 ng
 RT: 2.00 min Scan# 36
 Delta R.T. 0.01 min
 Lab File: BF090078.D
 Acq: 15 Sep 2016 4:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.0	53.4	80.0
43	20.6	16.5	24.7





#3

Pyridine

Concen: 67.24 ng

RT: 2.59 min Scan# 88

Delta R.T. 0.00 min

Lab File: BF090078.D

Acq: 15 Sep 2016 4:34

Instrument :

BNA_F

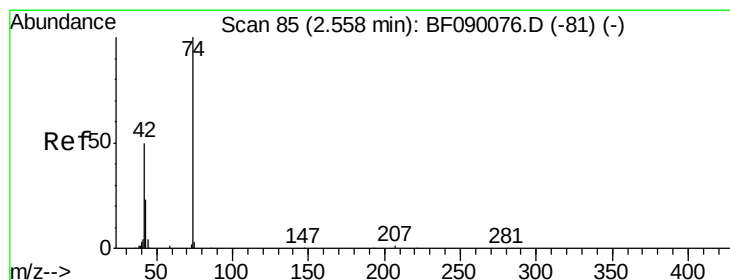
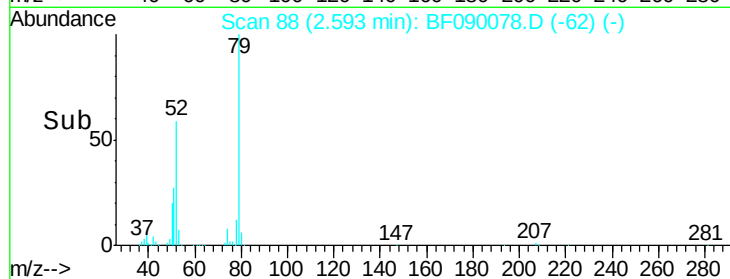
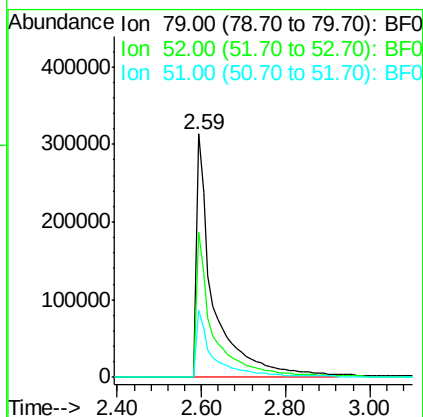
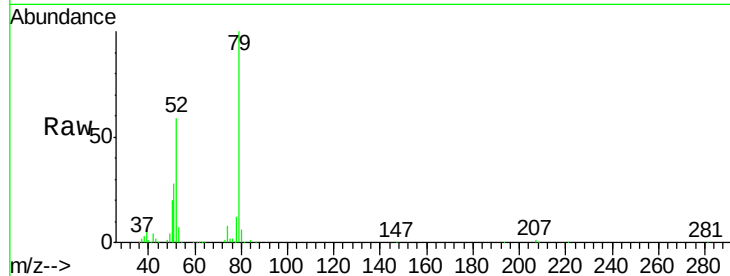
ClientSampleId :

SSTDICC060

Tgt Ion:	79	Resp:	886951
Ion	Ratio	Lower	Upper
79	100		
52	59.4	45.9	68.9
51	27.7	21.3	31.9

Manual Integrations
APPROVED

sohil
9/15/2016 12:51:55 PM



#4

n-Nitrosodimethylamine

Concen: 71.33 ng

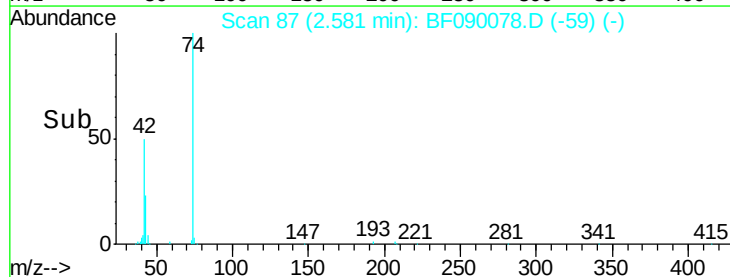
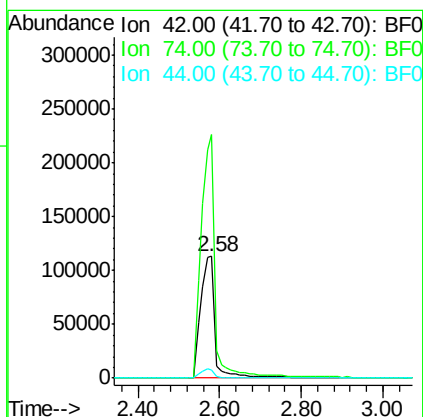
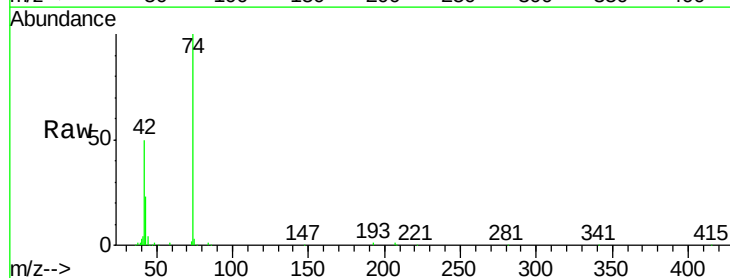
RT: 2.58 min Scan# 87

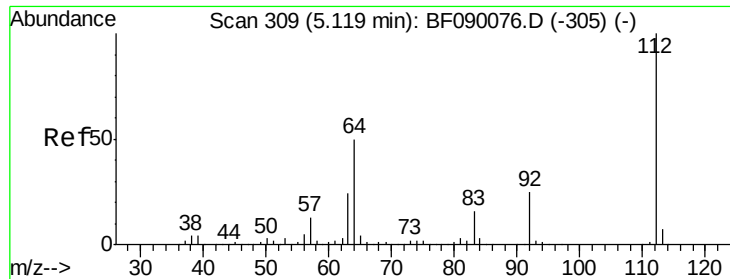
Delta R.T. 0.02 min

Lab File: BF090078.D

Acq: 15 Sep 2016 4:34

Tgt Ion:	42	Resp:	286505
Ion	Ratio	Lower	Upper
42	100		
74	200.4	158.7	238.1
44	7.2	6.4	9.6





#5

2-Fluorophenol

Concen: 114.09 ng

RT: 5.12 min Scan# 309

Delta R.T. 0.00 min

Lab File: BF090078.D

Acq: 15 Sep 2016 4:34

Instrument :

BNA_F

ClientSampleID :

SSTDICC060

Tgt Ion: 112 Resp: 1193803

Ion Ratio Lower Upper

112 100

64 54.9 39.8 59.6

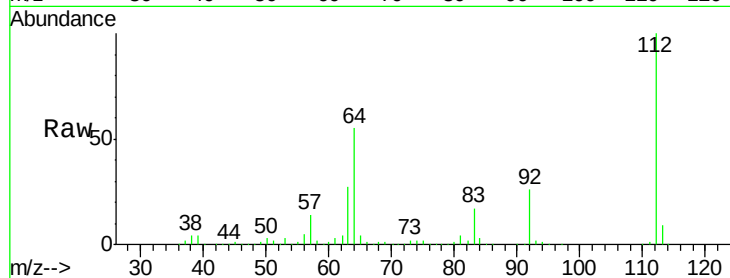
63 26.7 18.9 28.3

Manual Integrations

APPROVED

sohil

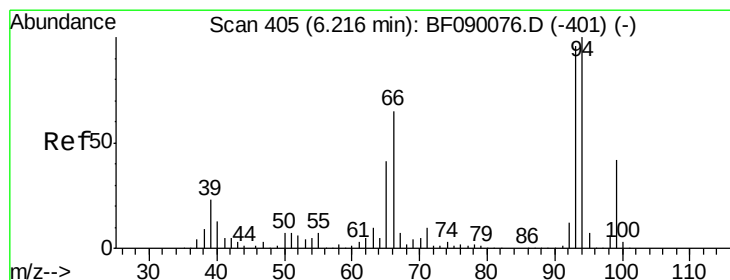
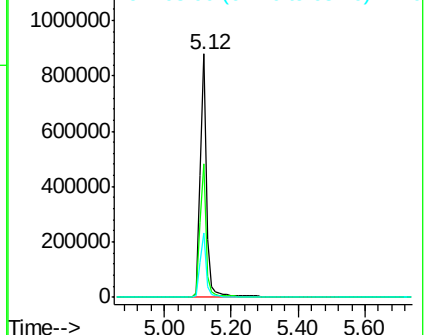
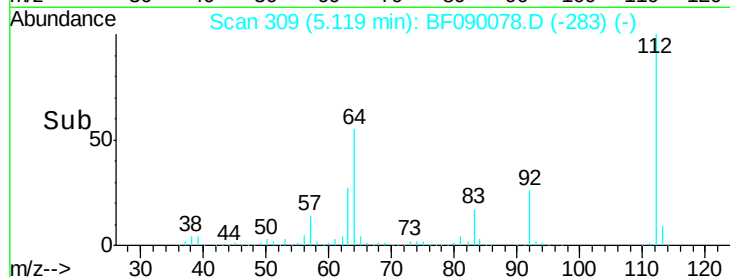
9/15/2016 12:51:55 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 59.10 ng m

RT: 6.23 min Scan# 406

Delta R.T. 0.01 min

Lab File: BF090078.D

Acq: 15 Sep 2016 4:34

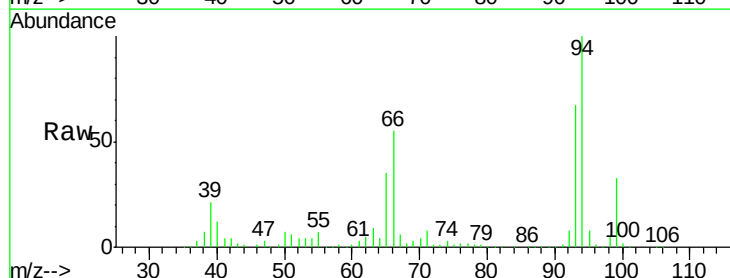
Tgt Ion: 93 Resp: 1004420

Ion Ratio Lower Upper

93 100

66 83.0 54.2 81.2#

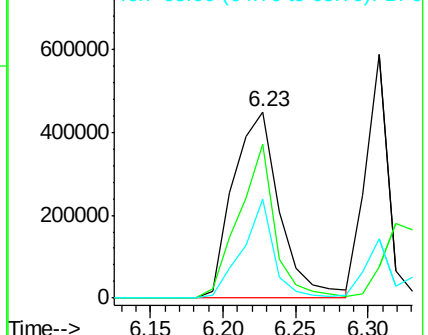
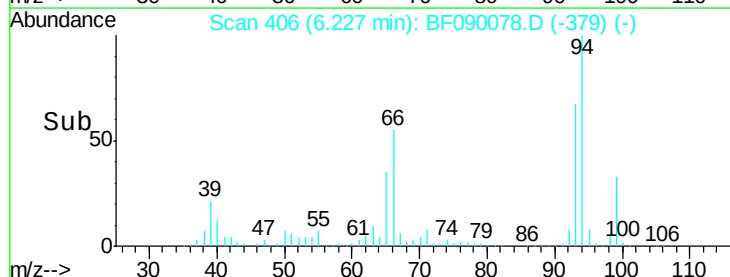
65 52.8 33.8 50.6#

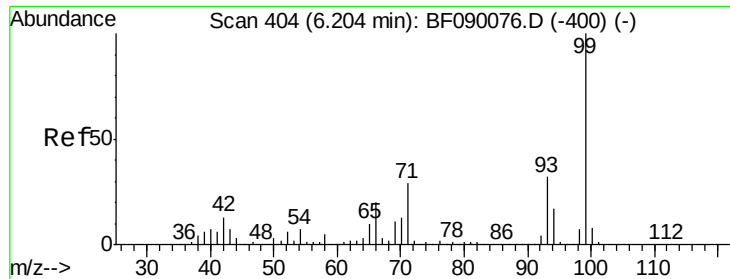


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 110.02 ng

RT: 6.22 min Scan# 405

Delta R.T. 0.01 min

Lab File: BF090078.D

Acq: 15 Sep 2016 4:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 99 Resp: 1503905

Ion Ratio Lower Upper

99 100

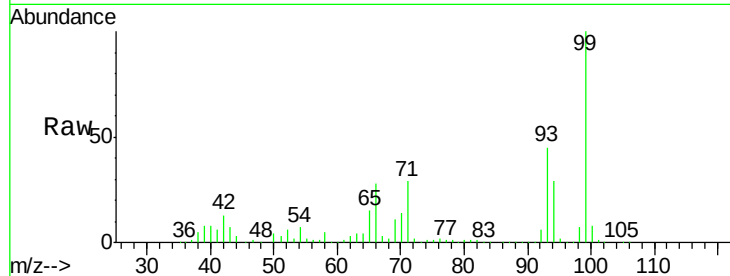
42 13.0 10.6 15.8

71 29.4 23.0 34.6

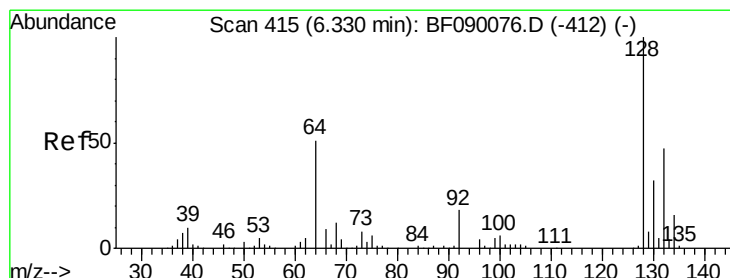
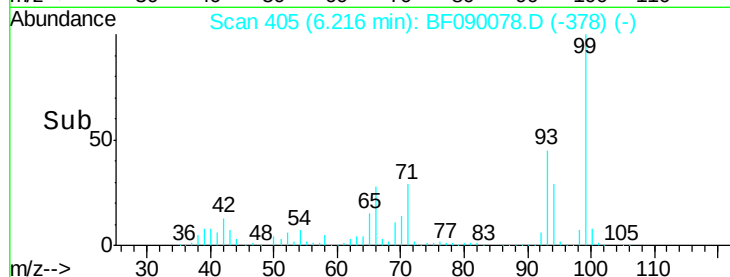
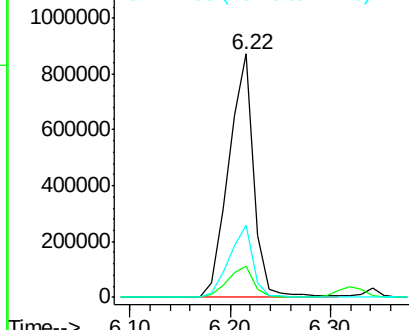
Manual Integrations
APPROVED

sohil

9/15/2016 12:51:55 PM



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



#8

2-Chlorophenol

Concen: 56.43 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF090078.D

Acq: 15 Sep 2016 4:34

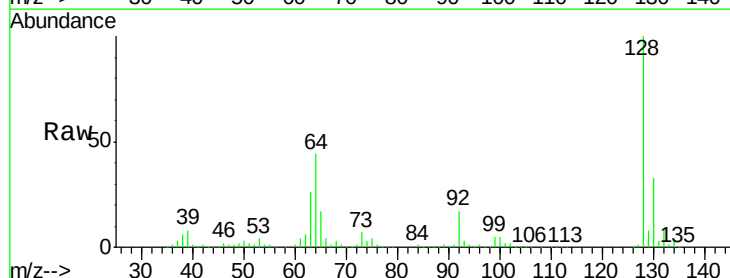
Tgt Ion: 128 Resp: 676496

Ion Ratio Lower Upper

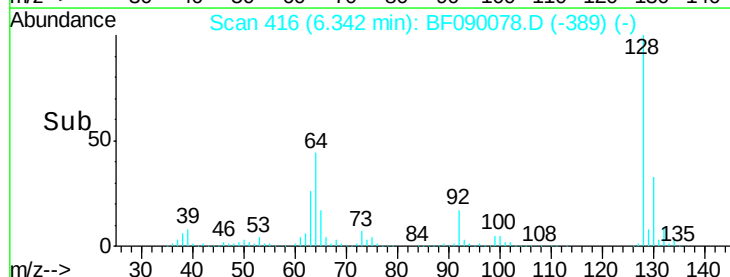
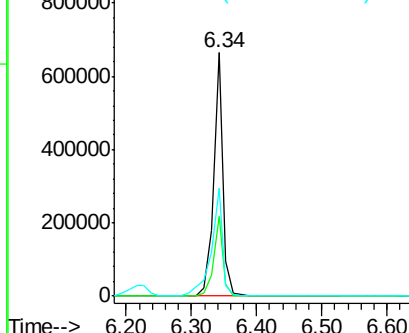
128 100

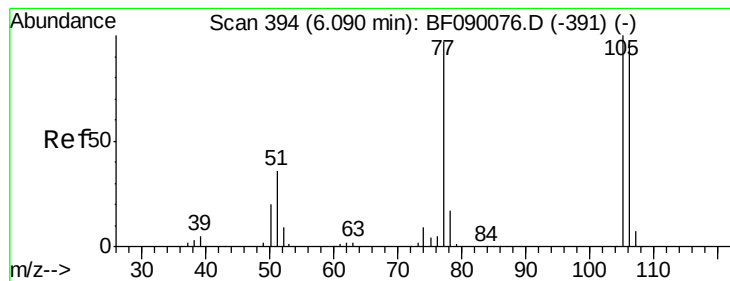
130 32.9 12.0 52.0

64 44.3 33.6 73.6



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





#9

Benzaldehyde

Concen: 53.14 ng

RT: 6.09 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF090078.D

Acq: 15 Sep 2016 4:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 77 Resp: 385023
Ion Ratio Lower Upper

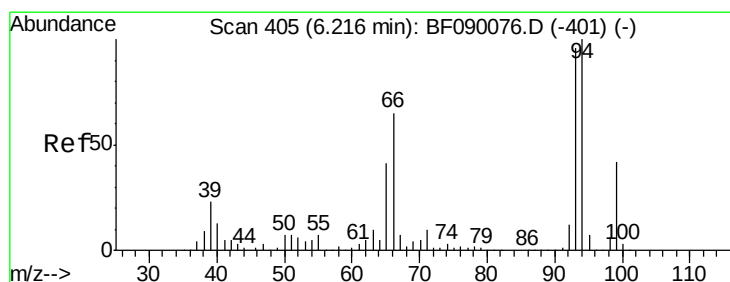
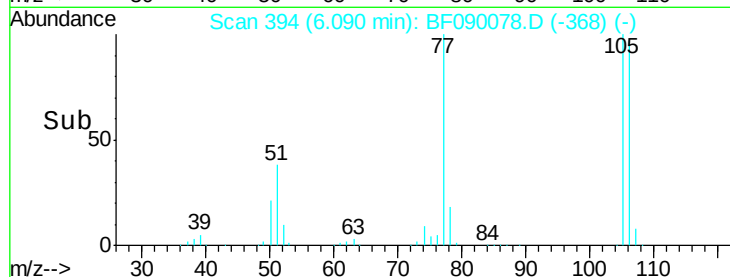
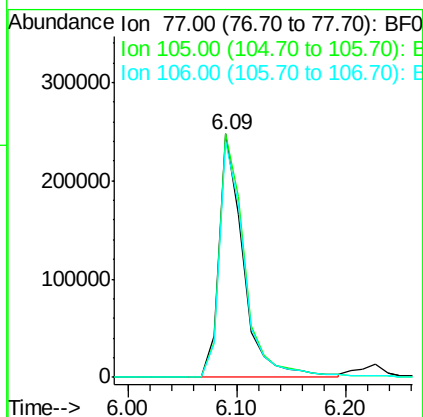
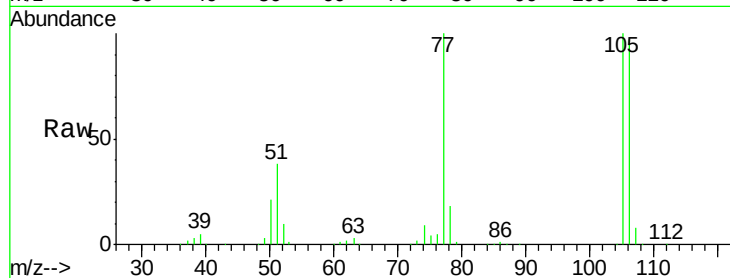
77 100

105 99.8 83.0 123.0

106 97.0 78.5 118.5

Manual Integrations
APPROVED

sohil
9/15/2016 12:51:55 PM



#10

Phenol

Concen: 52.19 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.01 min

Lab File: BF090078.D

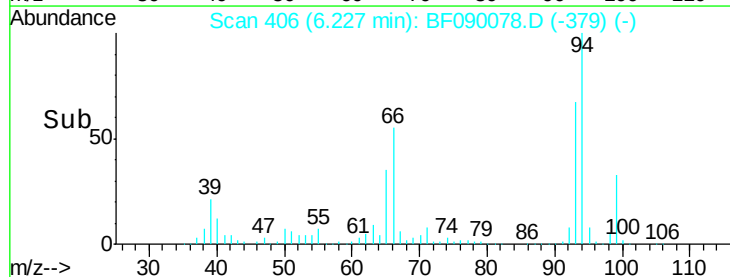
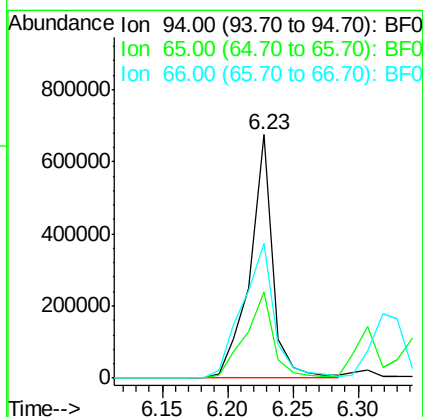
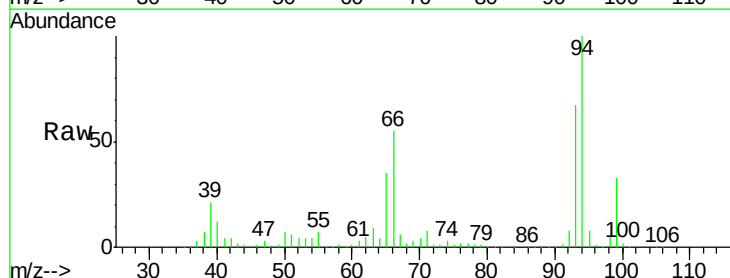
Acq: 15 Sep 2016 4:34

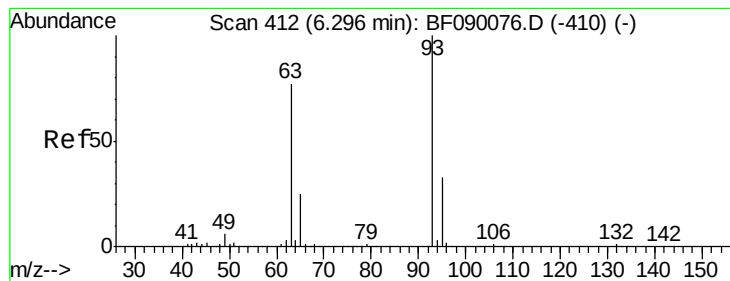
Tgt Ion: 94 Resp: 829434
Ion Ratio Lower Upper

94 100

65 35.2 20.6 60.6

66 55.3 45.1 85.1





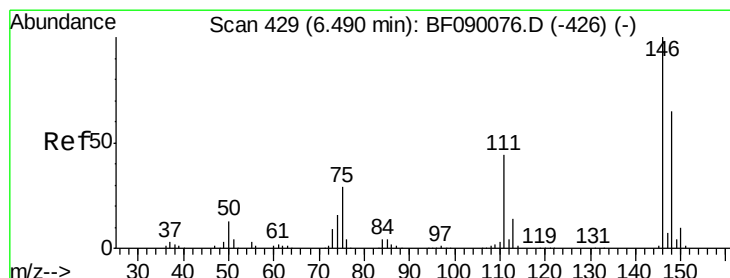
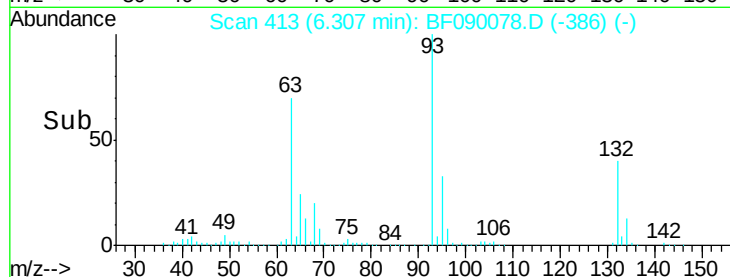
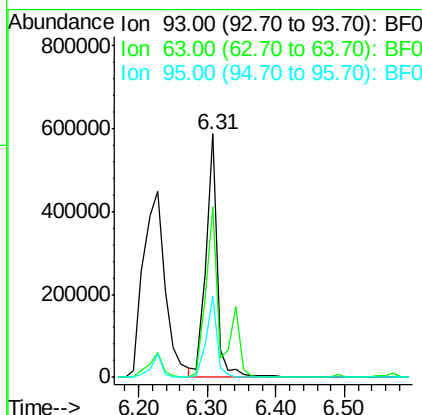
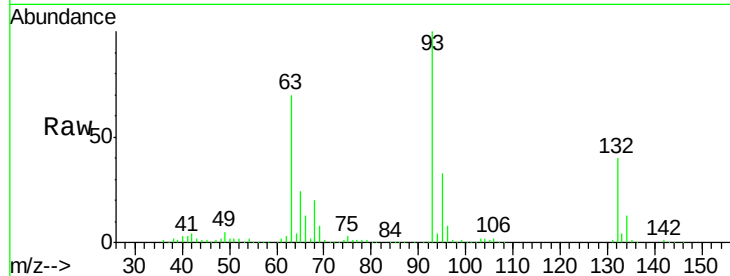
#11
bis(2-Chloroethyl)ether
Concen: 54.90 ng
RT: 6.31 min Scan# 413
Delta R.T. 0.01 min
Lab File: BF090078.D
Acq: 15 Sep 2016 4:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion:	93	Resp:	670327
Ion Ratio	Lower	Upper	
93	100		
63	69.9	55.6	95.6
95	33.2	12.6	52.6

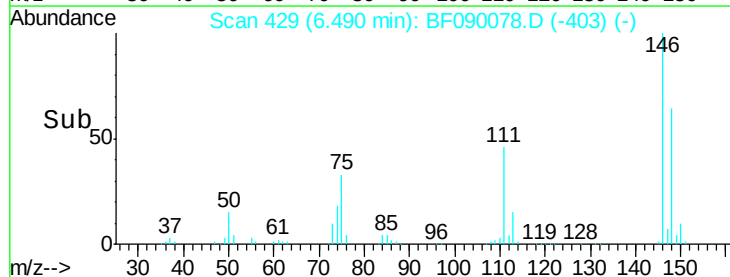
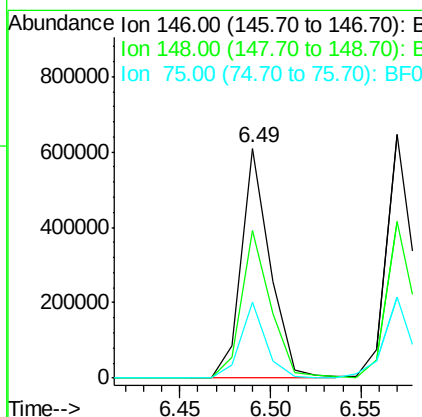
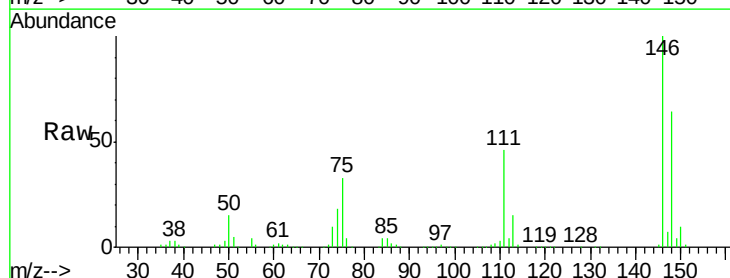
Manual Integrations
APPROVED

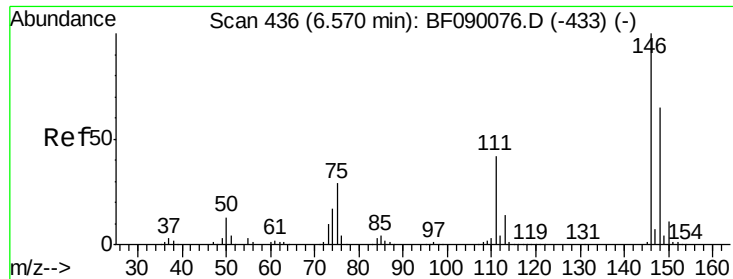
sohil
9/15/2016 12:51:55 PM



#12
1,3-Dichlorobenzene
Concen: 54.92 ng m
RT: 6.49 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF090078.D
Acq: 15 Sep 2016 4:34

Tgt Ion:	146	Resp:	679058
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.9	77.9
75	32.8	22.8	34.2





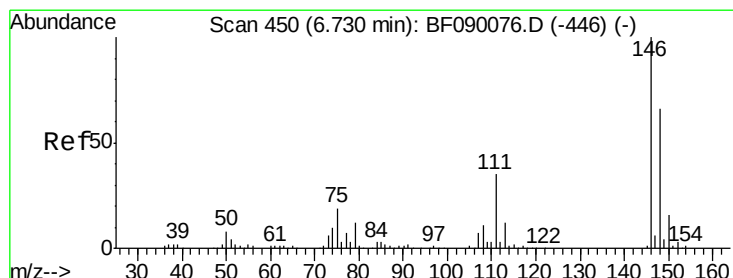
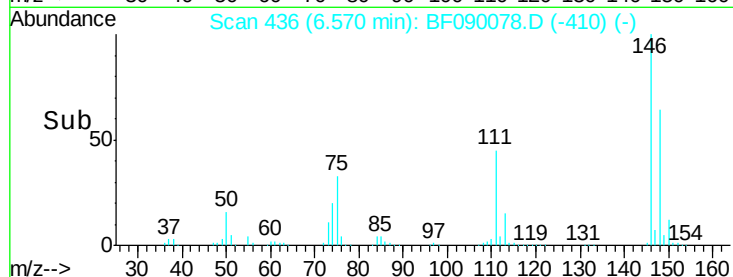
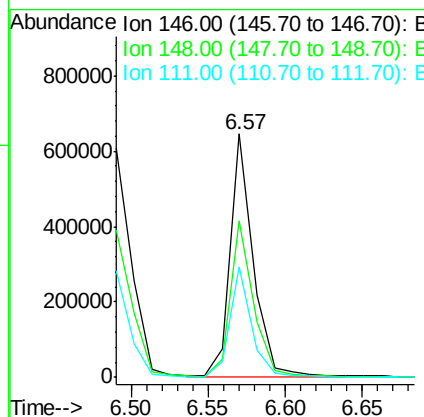
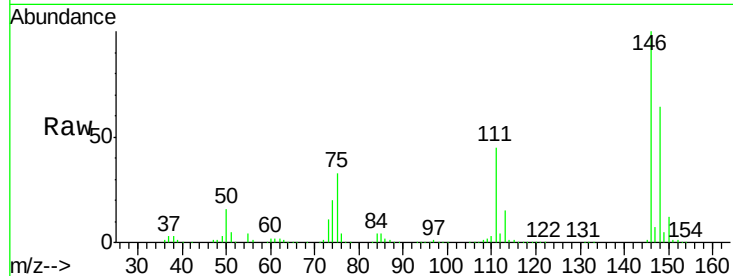
#13
 1,4-Dichlorobenzene
 Concen: 54.17 ng m
 RT: 6.57 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: BF090078.D
 Acq: 15 Sep 2016 4:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.0	78.0
111	45.2	33.8	50.6

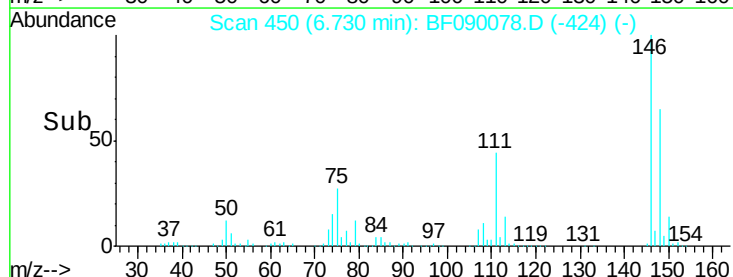
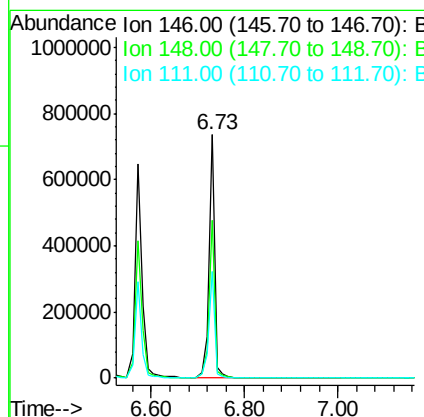
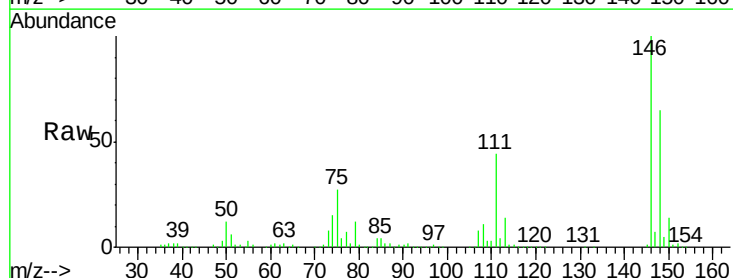
Manual Integrations
 APPROVED

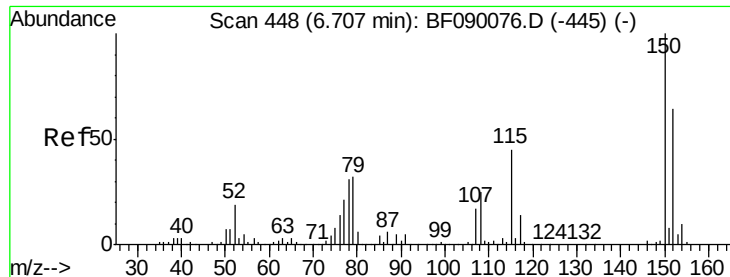
sohil
 9/15/2016 12:51:55 PM



#14
 1,2-Dichlorobenzene
 Concen: 55.70 ng
 RT: 6.73 min Scan# 450
 Delta R.T. 0.00 min
 Lab File: BF090078.D
 Acq: 15 Sep 2016 4:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.6	79.0
111	43.5	28.2	42.2#





#15

Benzyl Alcohol

Concen: 58.98 ng

RT: 6.72 min Scan# 449

Delta R.T. 0.01 min

Lab File: BF090078.D

Acq: 15 Sep 2016 4:34

Instrument :

BNA_F

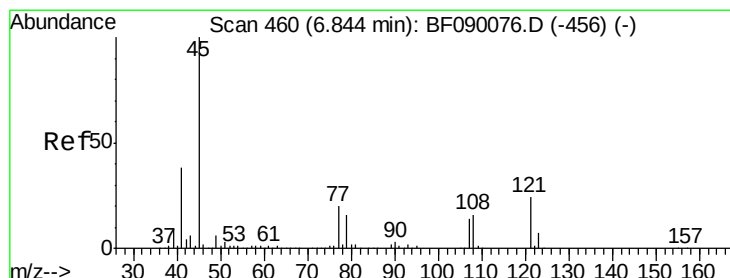
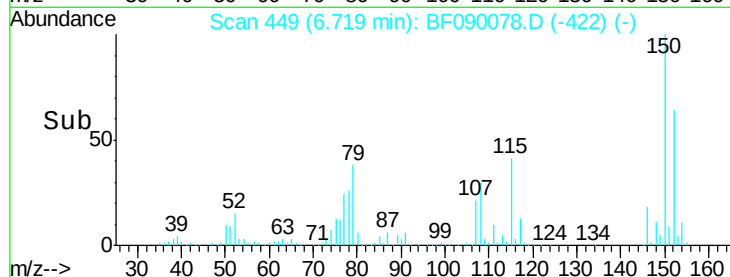
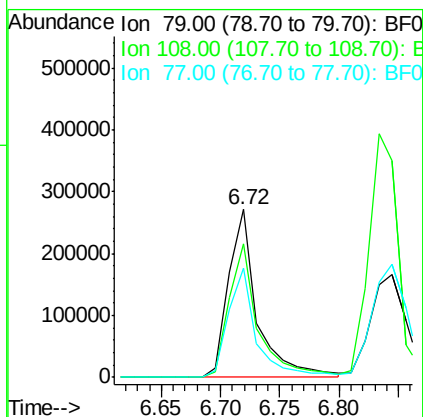
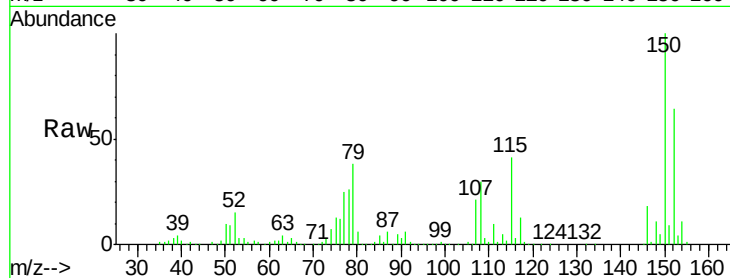
ClientSampled :

SSTDICC060

Tgt Ion	Ratio	Lower	Upper
79	100		
108	80.0	62.2	93.4
77	65.1	51.4	77.0

Manual Integrations
APPROVED

sohil
9/15/2016 12:51:55 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 55.70 ng

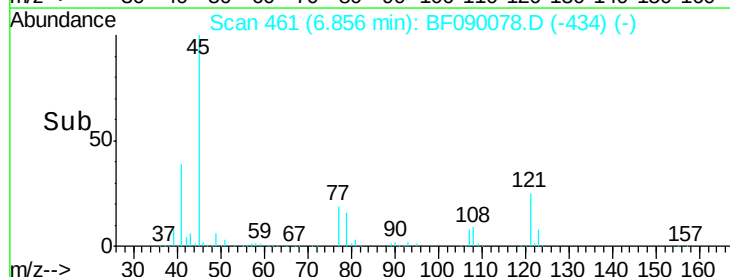
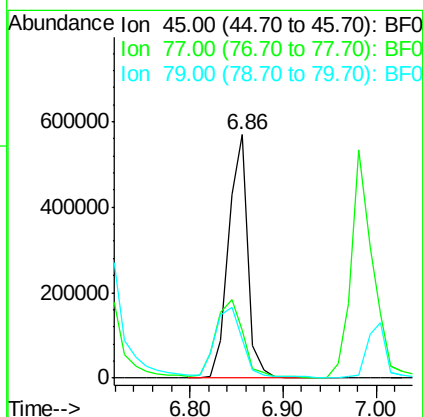
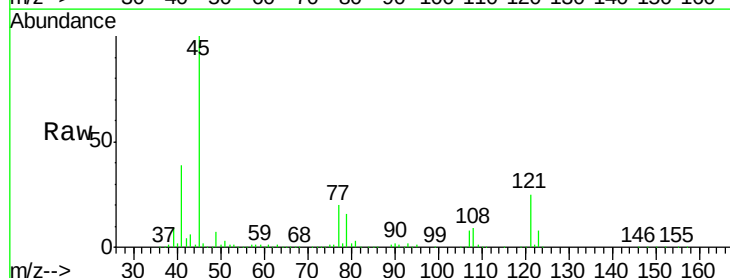
RT: 6.86 min Scan# 461

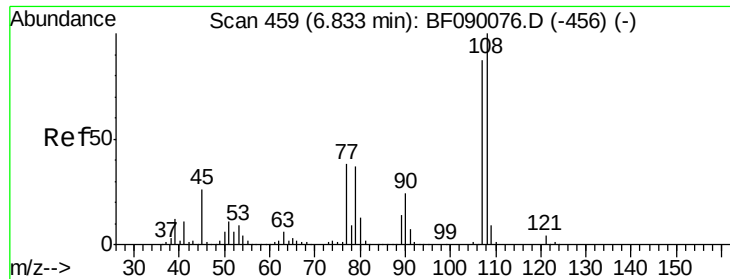
Delta R.T. 0.01 min

Lab File: BF090078.D

Acq: 15 Sep 2016 4:34

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.7	0.5	40.5
79	16.1	0.0	37.0





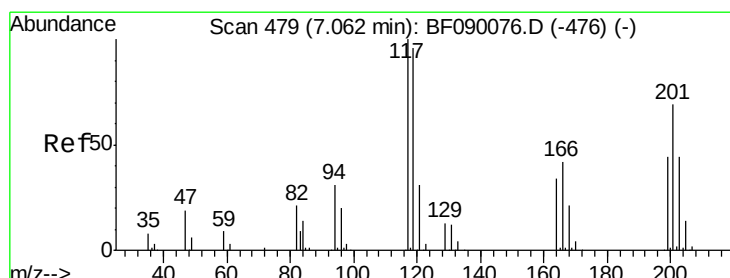
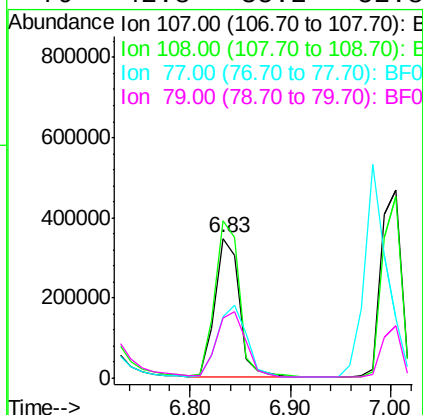
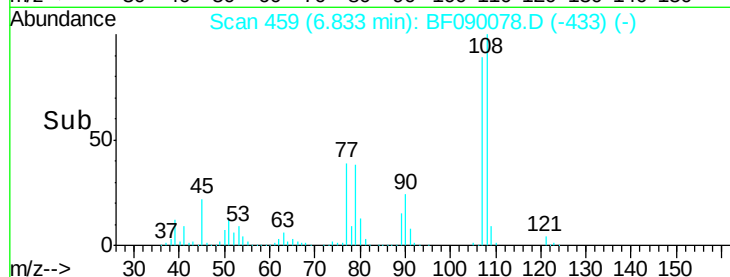
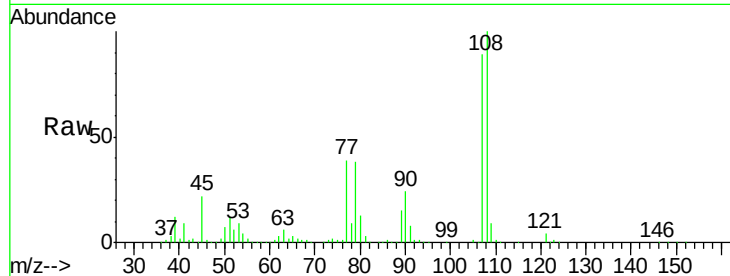
#17
2-Methylphenol
Concen: 60.31 ng
RT: 6.83 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF090078.D
Acq: 15 Sep 2016 4:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt	Ion	107	Resp:	589827
Ion	Ratio	Lower	Upper	
107	100			
108	113.0	92.0	138.0	
77	44.2	35.6	53.4	
79	42.8	35.2	52.8	

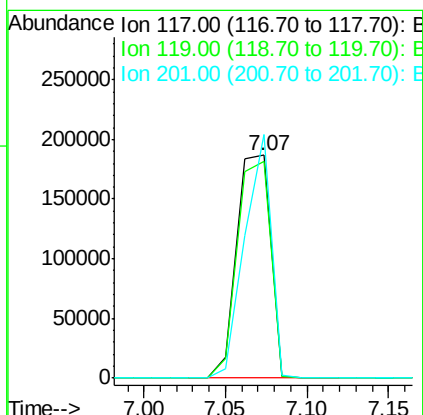
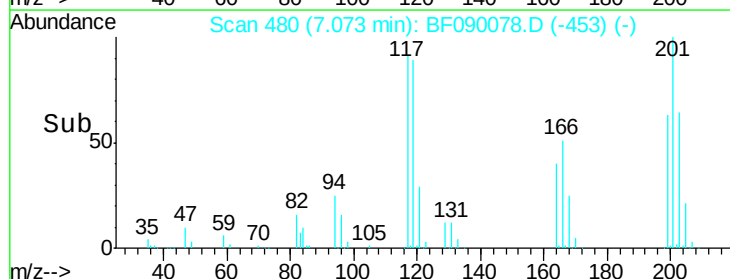
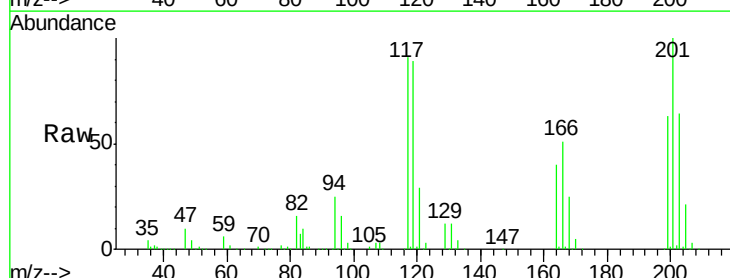
Manual Integrations
APPROVED

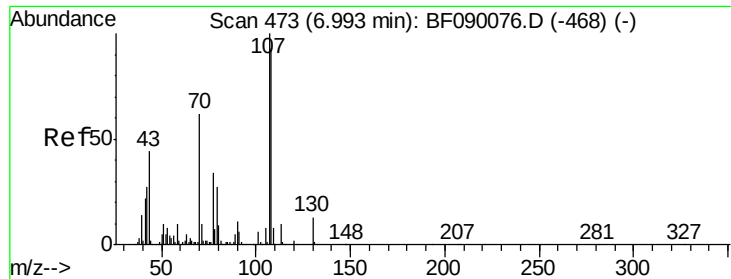
sohil
9/15/2016 12:51:55 PM



#18
Hexachloroethane
Concen: 57.56 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.01 min
Lab File: BF090078.D
Acq: 15 Sep 2016 4:34

Tgt	Ion	117	Resp:	266916
Ion	Ratio	Lower	Upper	
117	100			
119	97.7	76.6	115.0	
201	109.4	55.5	83.3#	





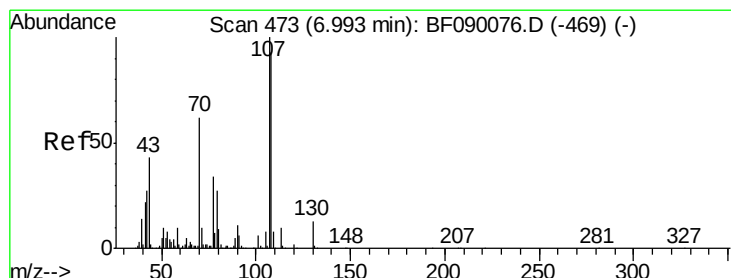
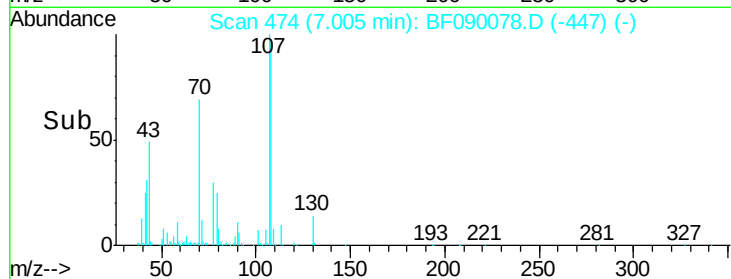
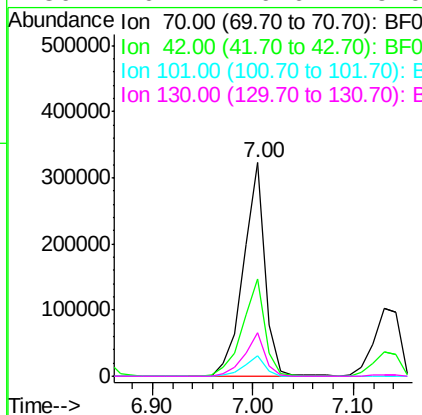
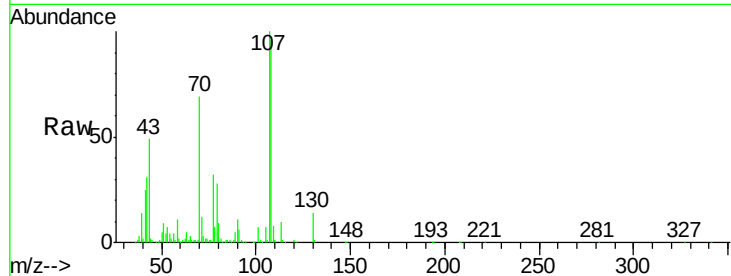
#19
n-Nitroso-di-n-propylamine
Concen: 57.03 ng
RT: 7.00 min Scan# 474
Delta R.T. 0.01 min
Lab File: BF090078.D
Acq: 15 Sep 2016 4:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Lower	Upper
70	100		
42	45.5	35.1	52.7
101	9.7	7.5	11.3
130	20.2	16.6	25.0

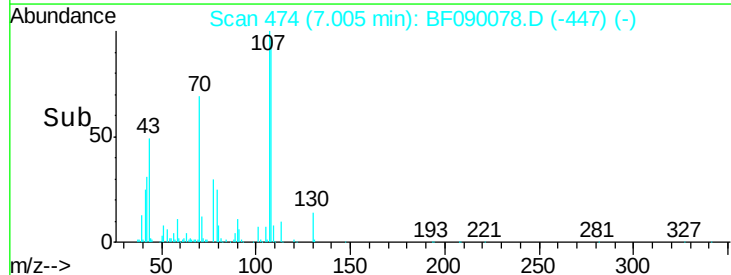
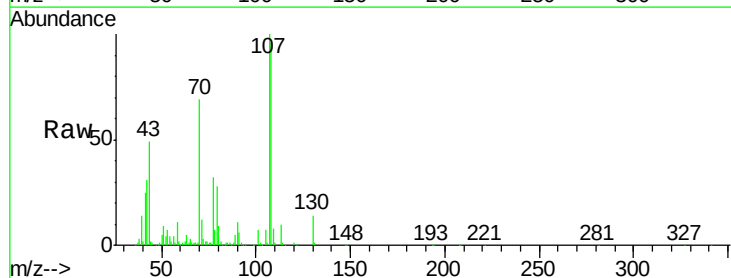
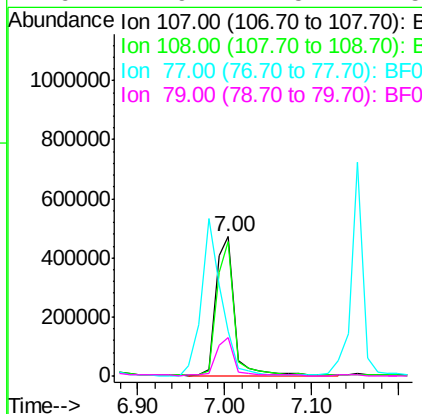
Manual Integrations
APPROVED

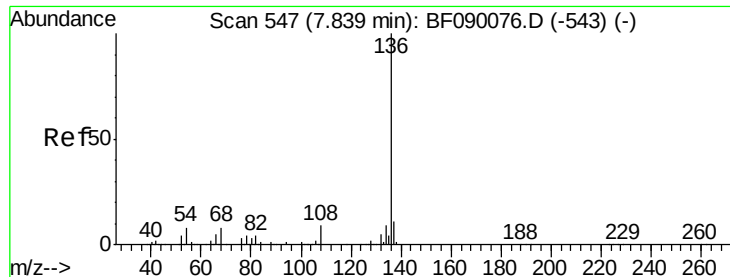
sohil
9/15/2016 12:51:55 PM



#20
3+4-Methylphenols
Concen: 59.82 ng
RT: 7.00 min Scan# 474
Delta R.T. 0.01 min
Lab File: BF090078.D
Acq: 15 Sep 2016 4:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	96.3	73.3	113.3
77	32.0	14.1	54.1
79	27.9	7.5	47.5





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF090078.D

Acq: 15 Sep 2016 4:34

Instrument :

BNA_F

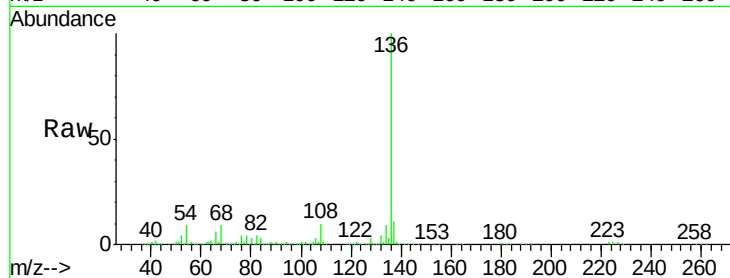
ClientSampleId :

SSTDICC060

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		685117
137	11.2	9.0	13.4
54	8.9	6.4	9.6
68	8.8	6.3	9.5

Manual Integrations
APPROVED

sohil
9/15/2016 12:51:55 PM

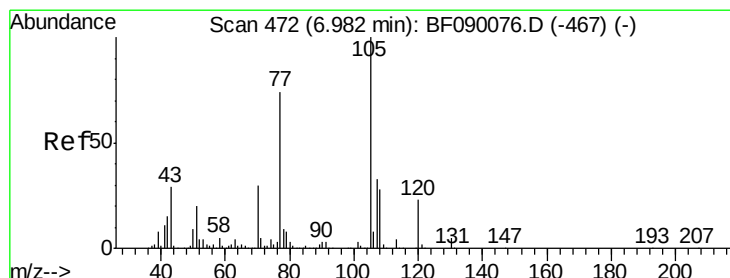
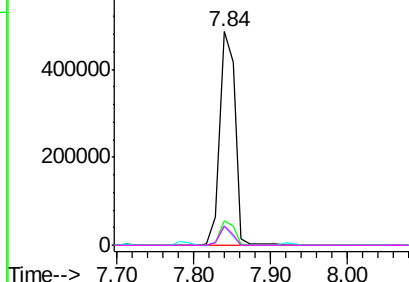
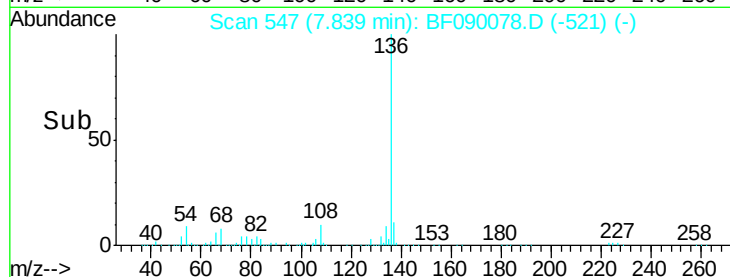


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 56.11 ng

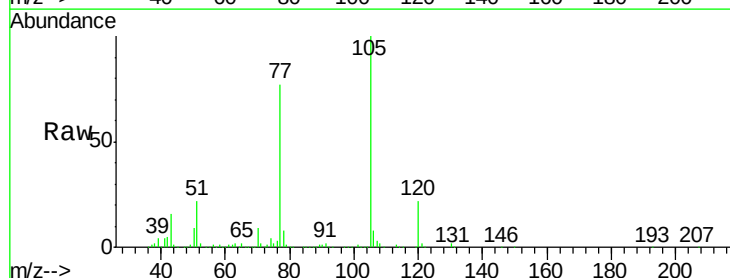
RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF090078.D

Acq: 15 Sep 2016 4:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		930324
71	1.6	4.1	6.1#
51	22.2	16.2	24.2
120	21.7	18.2	27.2

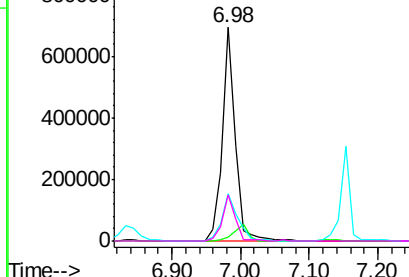
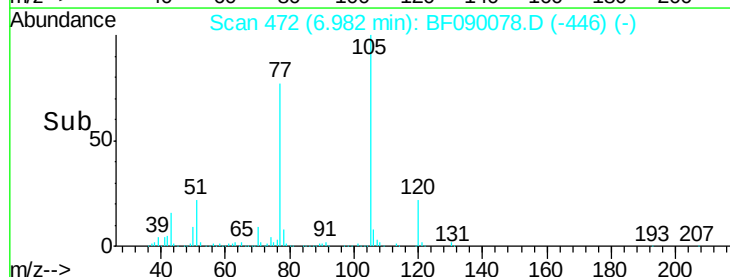


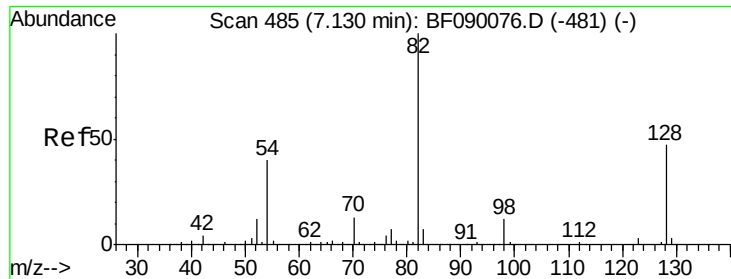
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





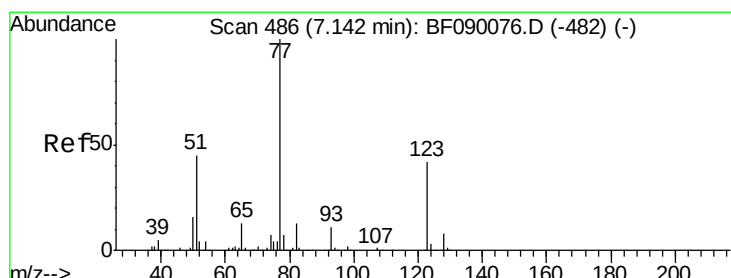
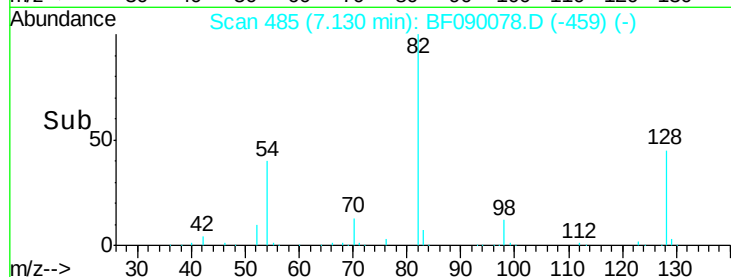
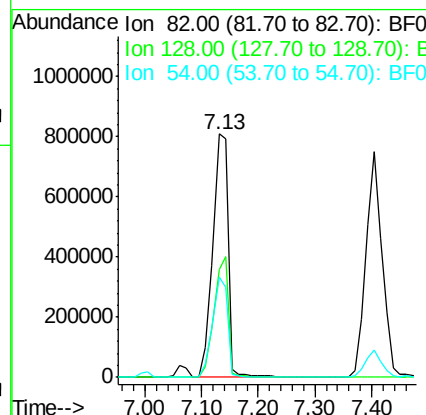
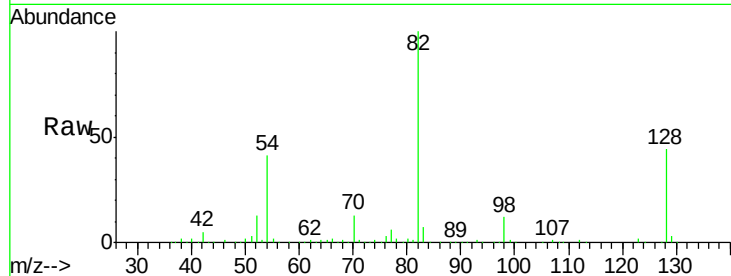
#23
 Nitrobenzene-d5
 Concen: 122.41 ng
 RT: 7.13 min Scan# 485
 Delta R.T. 0.00 min
 Lab File: BF090078.D
 Acq: 15 Sep 2016 4:34

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC060

Tgt Ion: 82 Resp: 1486364
 Ion Ratio Lower Upper
 82 100
 128 44.4 37.5 56.3
 54 41.2 31.9 47.9

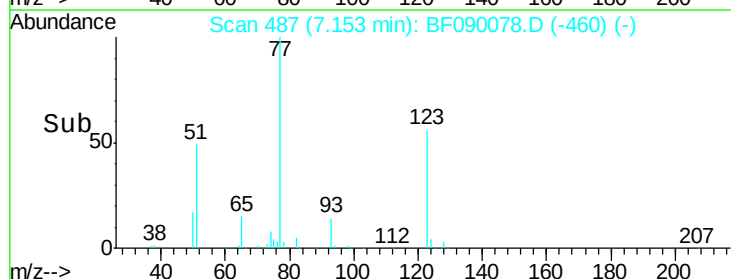
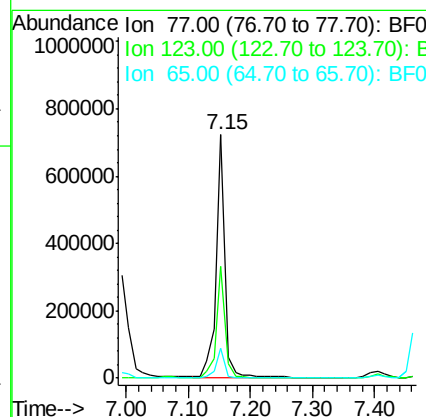
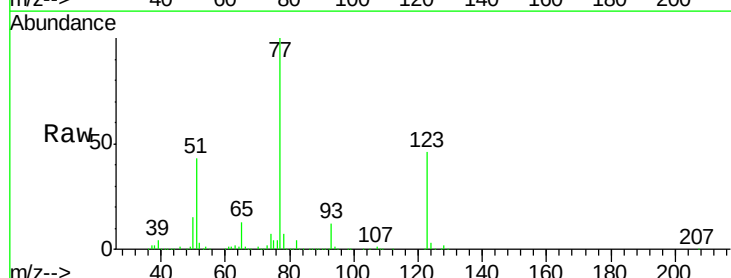
Manual Integrations
 APPROVED

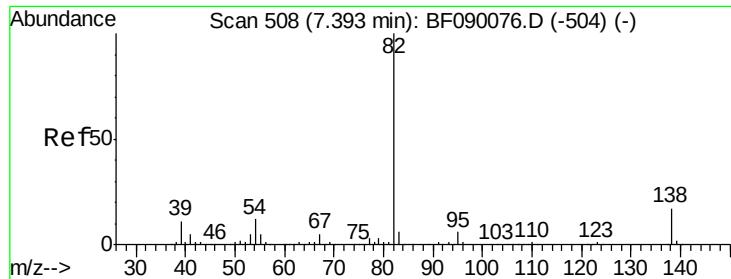
sohil
 9/15/2016 12:51:55 PM



#24
 Nitrobenzene
 Concen: 54.98 ng
 RT: 7.15 min Scan# 487
 Delta R.T. 0.01 min
 Lab File: BF090078.D
 Acq: 15 Sep 2016 4:34

Tgt Ion: 77 Resp: 705761
 Ion Ratio Lower Upper
 77 100
 123 46.0 33.4 50.2
 65 12.5 10.1 15.1





#25

Isophorone

Concen: 59.27 ng

RT: 7.40 min Scan# 509

Delta R.T. 0.01 min

Lab File: BF090078.D

Acq: 15 Sep 2016 4:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 1506881

Ion Ratio Lower Upper

82 100

95 6.4 5.1 7.7

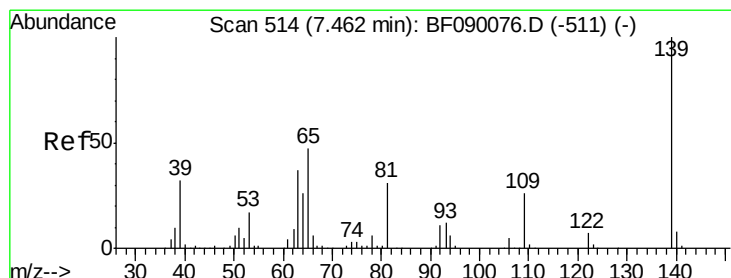
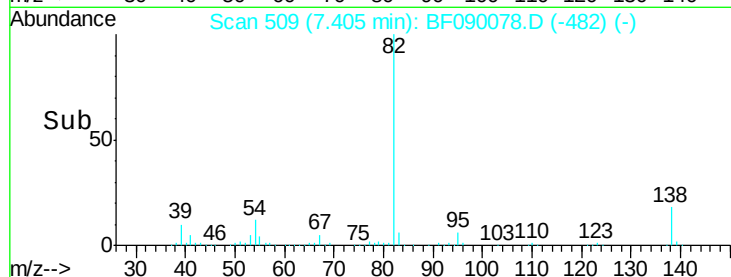
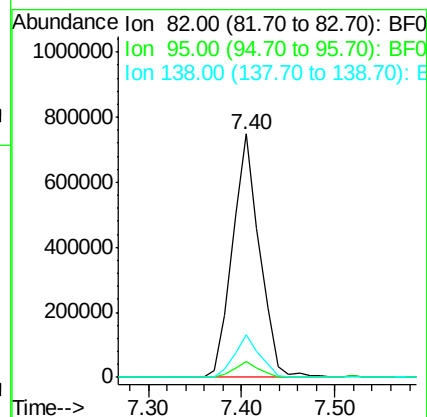
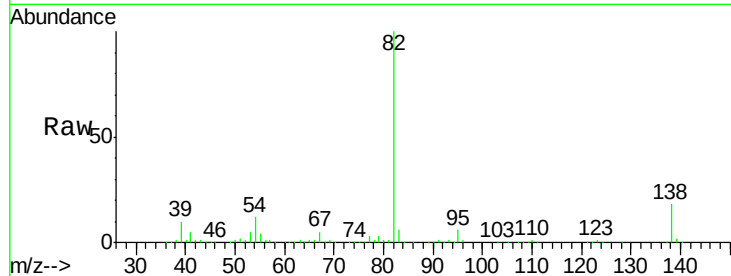
138 17.6 13.5 20.3

Manual Integrations

APPROVED

sohil

9/15/2016 12:51:55 PM



#26

2-Nitrophenol

Concen: 61.50 ng

RT: 7.46 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF090078.D

Acq: 15 Sep 2016 4:34

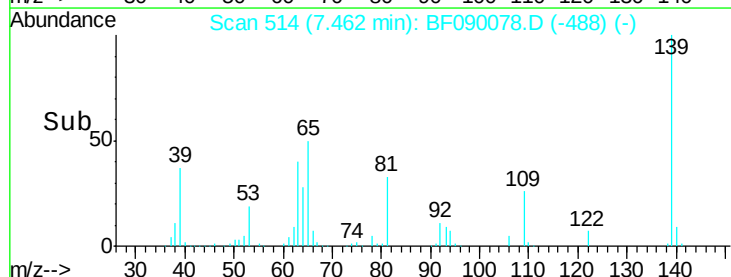
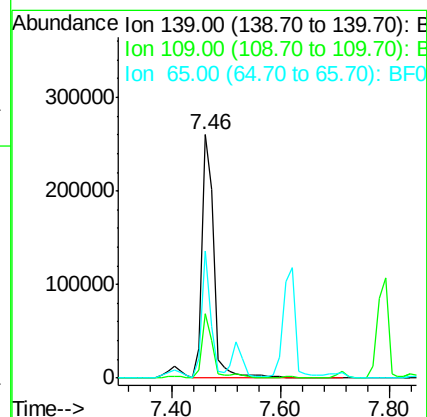
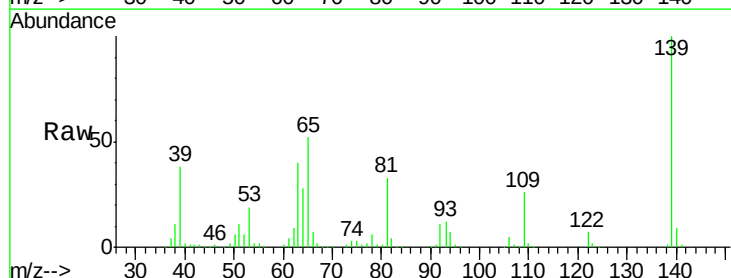
Tgt Ion: 139 Resp: 380438

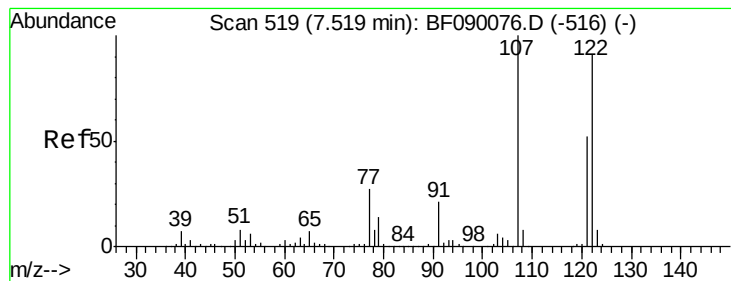
Ion Ratio Lower Upper

139 100

109 26.3 20.5 30.7

65 52.3 37.9 56.9





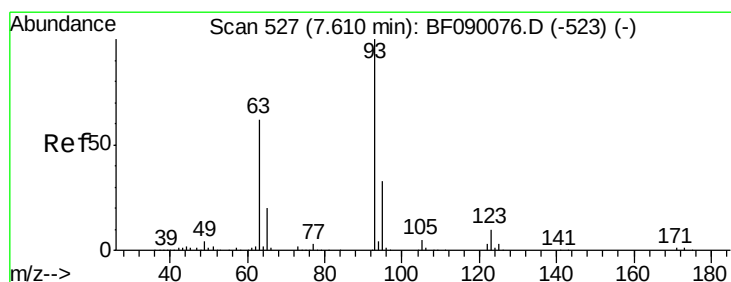
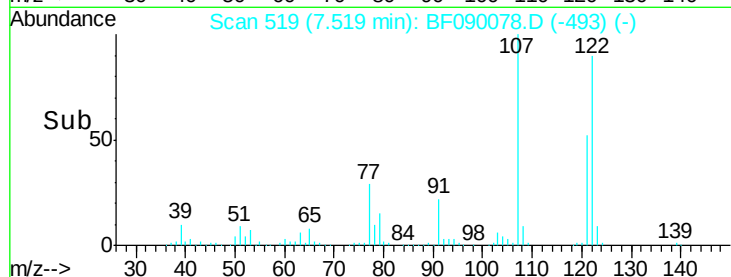
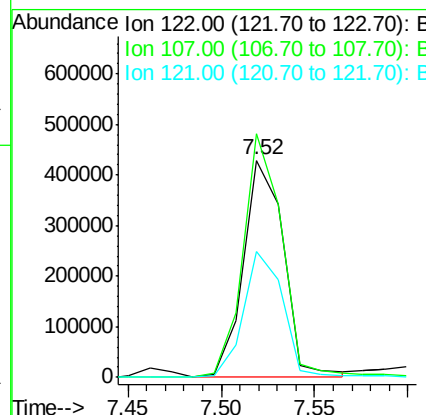
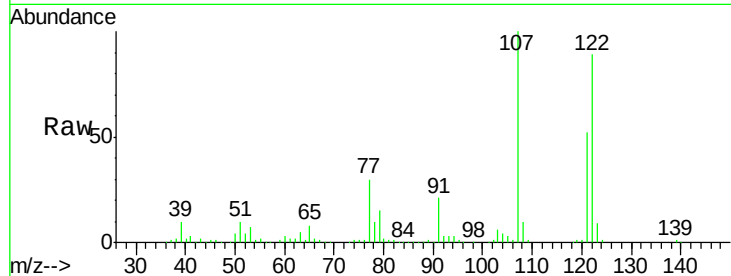
#27
 2,4-Dimethylphenol
 Concen: 58.33 ng
 RT: 7.52 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF090078.D
 Acq: 15 Sep 2016 4:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	636367		
107	112.2	87.8	131.6	
121	57.9	45.7	68.5	

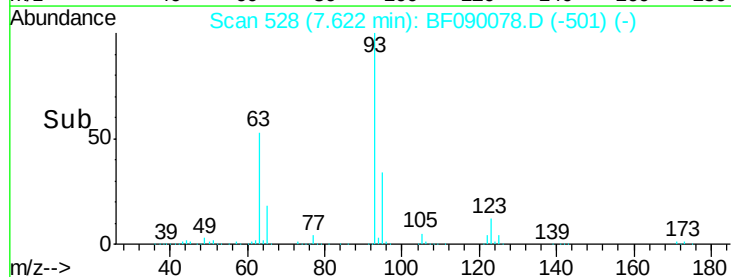
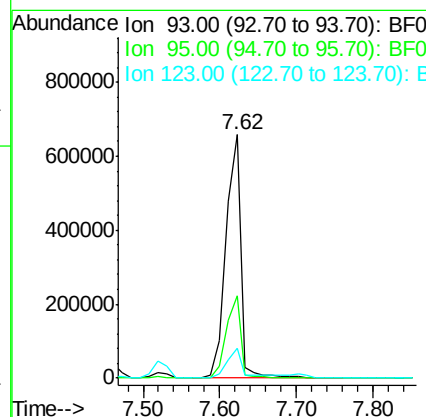
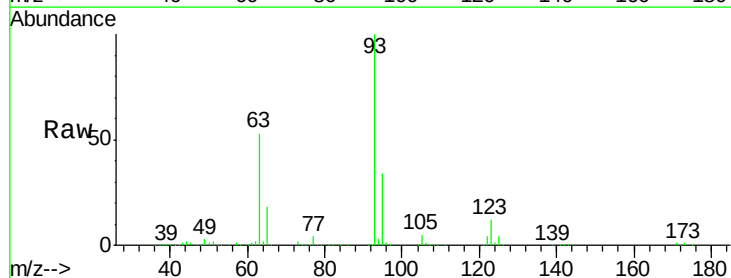
Manual Integrations
 APPROVED

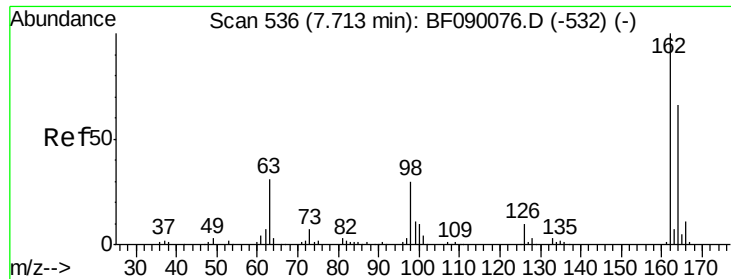
sohil
 9/15/2016 12:51:55 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 60.84 ng
 RT: 7.62 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BF090078.D
 Acq: 15 Sep 2016 4:34

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	901314		
95	33.6	26.8	40.2	
123	12.0	8.5	12.7	





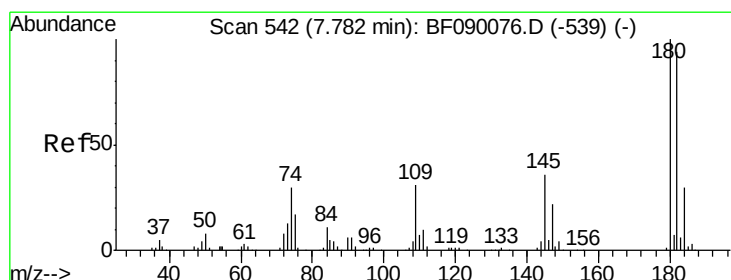
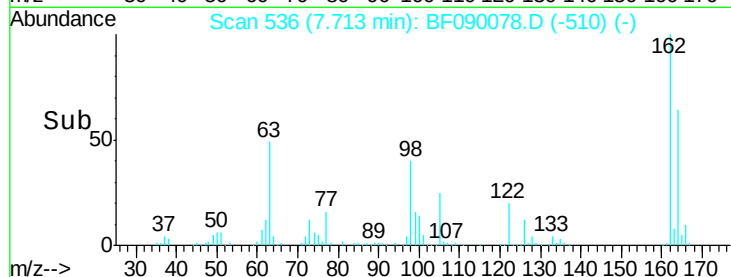
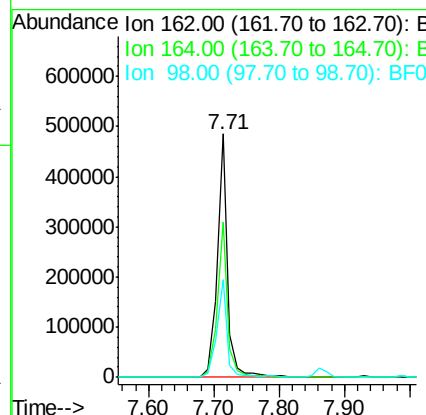
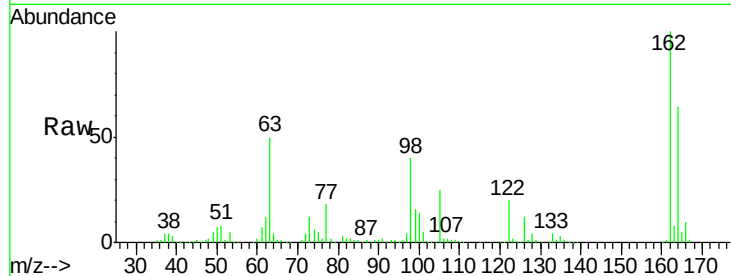
#29
 2,4-Dichlorophenol
 Concen: 56.54 ng
 RT: 7.71 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: BF090078.D
 Acq: 15 Sep 2016 4:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.9	46.2	86.2
98	40.1	10.4	50.4

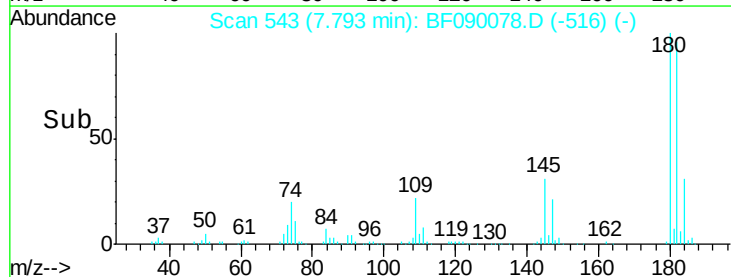
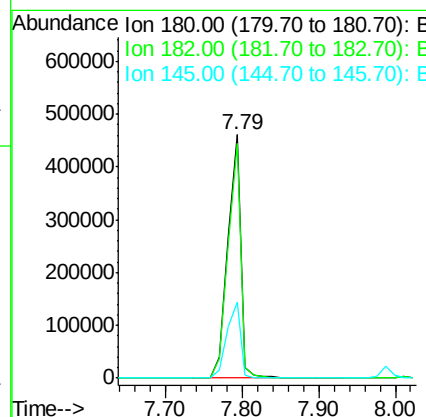
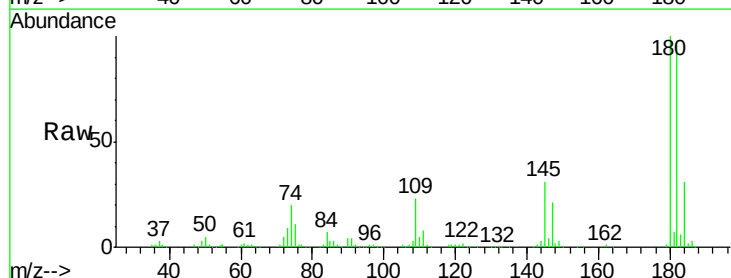
Manual Integrations
 APPROVED

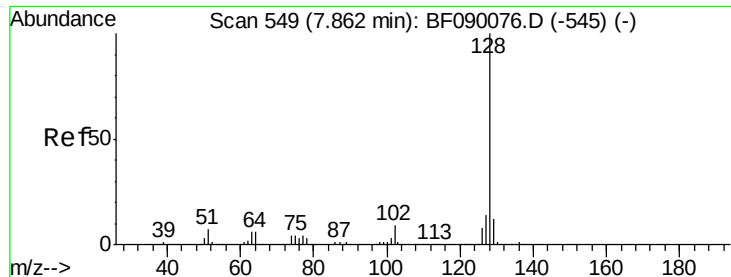
sohil
 9/15/2016 12:51:55 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 58.15 ng
 RT: 7.79 min Scan# 543
 Delta R.T. 0.01 min
 Lab File: BF090078.D
 Acq: 15 Sep 2016 4:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.2	75.0	112.6
145	31.4	28.6	42.8





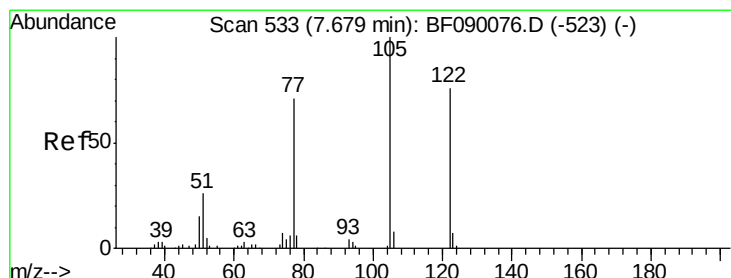
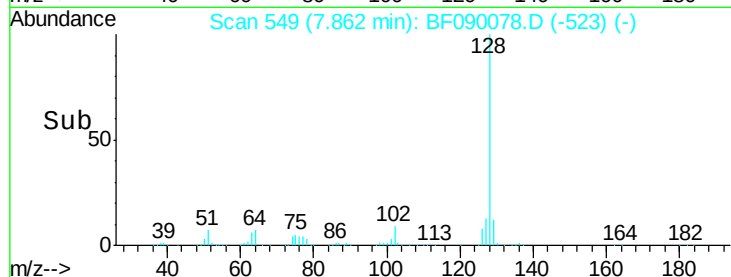
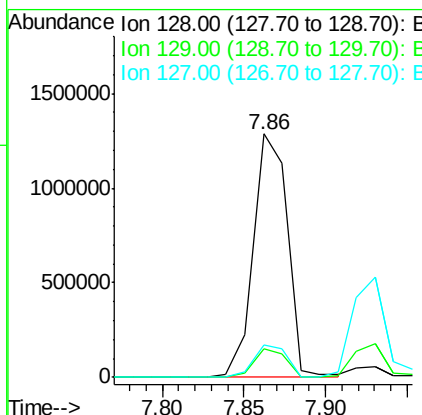
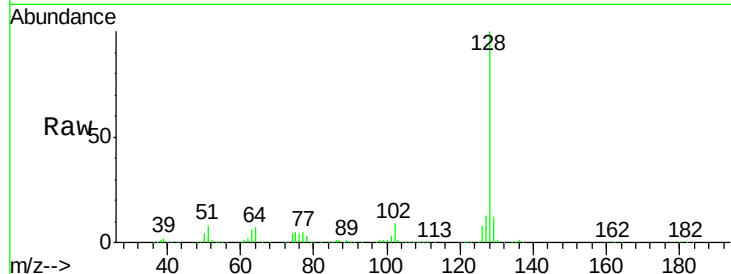
#31
Naphthalene
Concen: 55.65 ng
RT: 7.86 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF090078.D
Acq: 15 Sep 2016 4:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion:128 Resp: 1875228
Ion Ratio Lower Upper
128 100
129 11.9 9.3 13.9
127 13.4 10.8 16.2

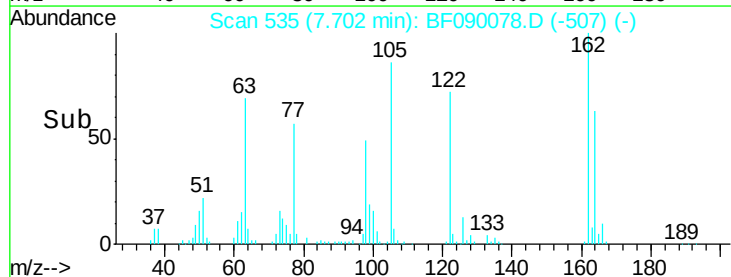
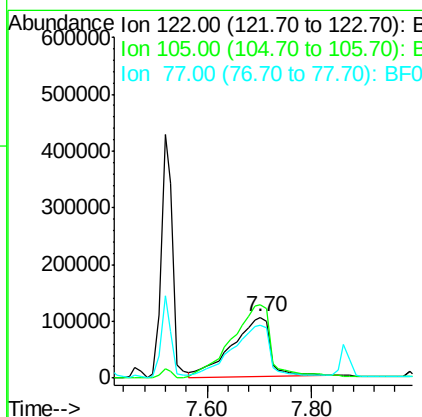
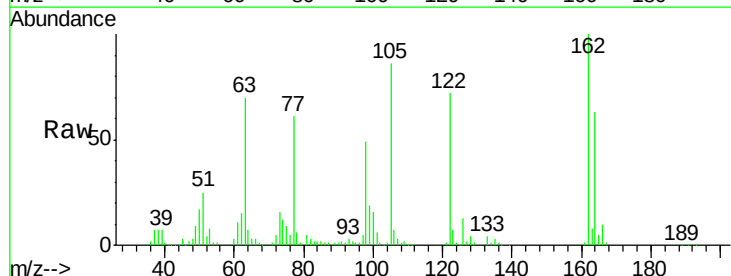
Manual Integrations
APPROVED

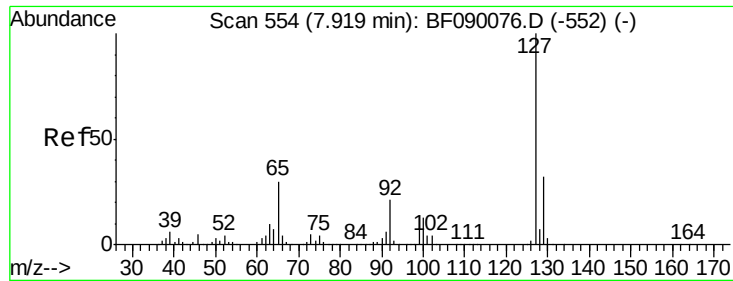
sohil
9/15/2016 12:51:55 PM



#32
Benzoic acid
Concen: 63.57 ng
RT: 7.70 min Scan# 535
Delta R.T. 0.02 min
Lab File: BF090078.D
Acq: 15 Sep 2016 4:34

Tgt Ion:122 Resp: 535119
Ion Ratio Lower Upper
122 100
105 120.3 105.0 145.0
77 85.5 70.4 110.4





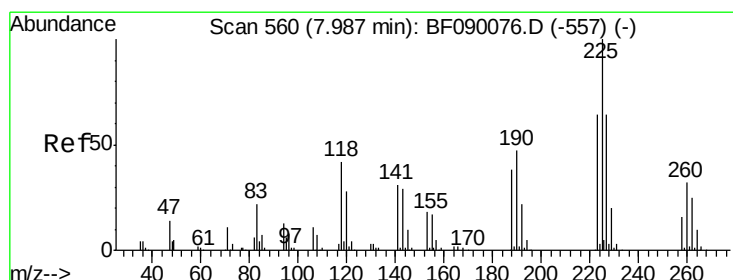
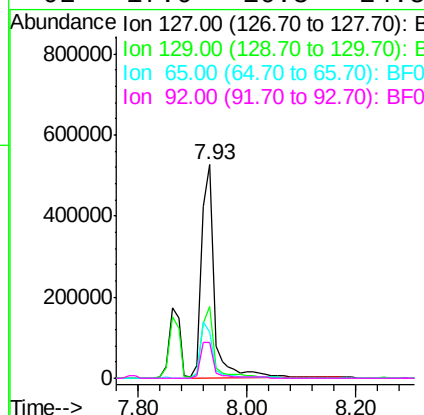
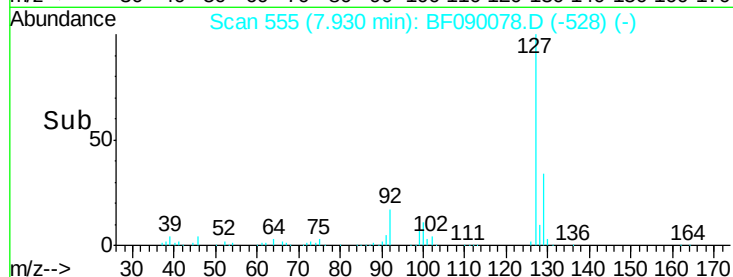
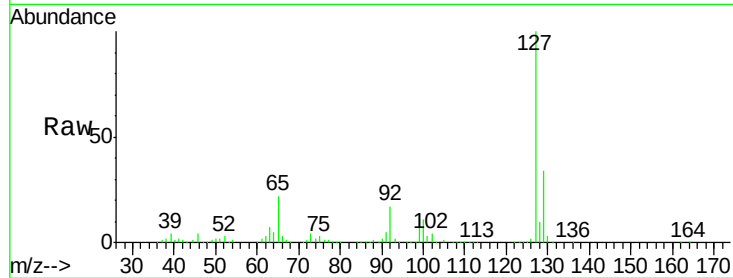
#33
4-Chloroaniline
Concen: 59.46 ng
RT: 7.93 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF090078.D
Acq: 15 Sep 2016 4:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.7	25.8	38.6	
65	21.9	24.1	36.1	
92	17.0	16.3	24.5	

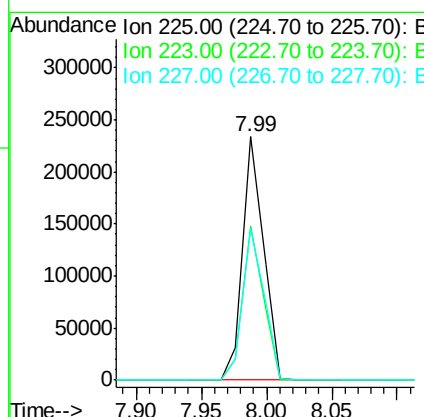
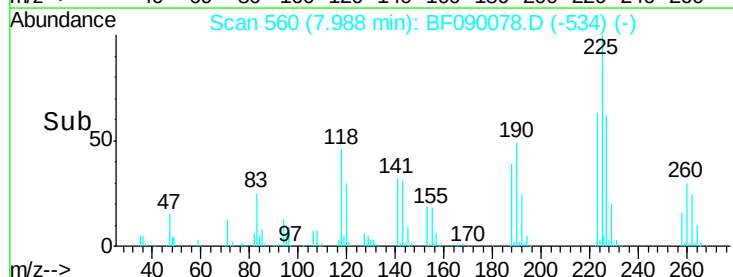
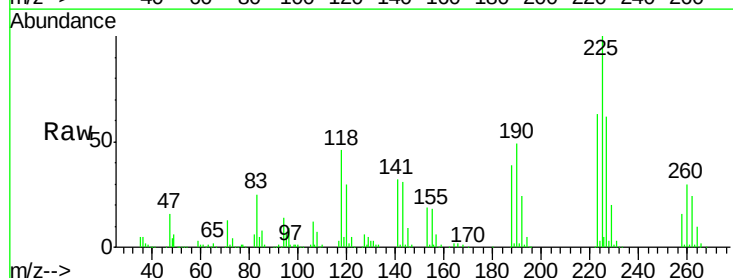
Manual Integrations
APPROVED

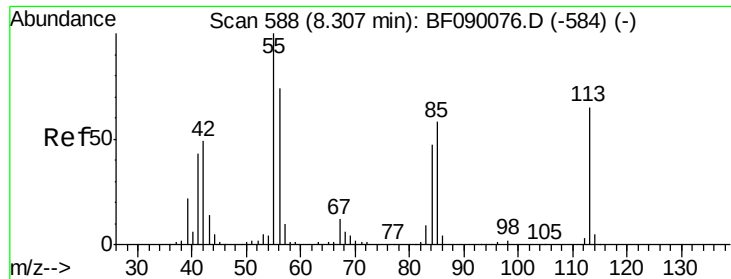
sohil
9/15/2016 12:51:55 PM



#34
Hexachlorobutadiene
Concen: 53.69 ng
RT: 7.99 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF090078.D
Acq: 15 Sep 2016 4:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	51.3	76.9	
227	62.2	51.4	77.0	





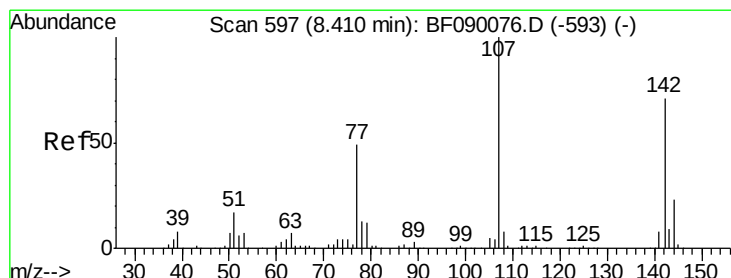
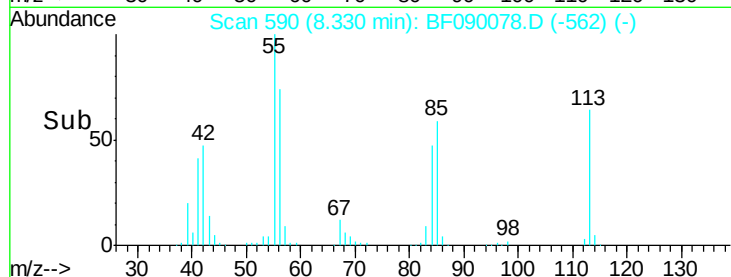
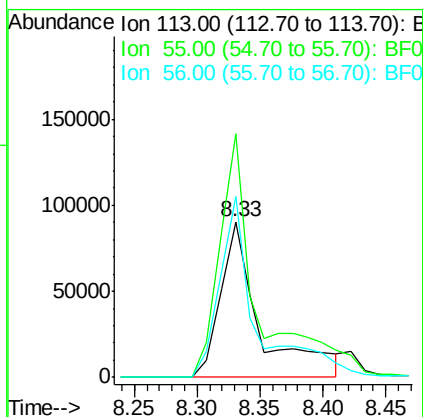
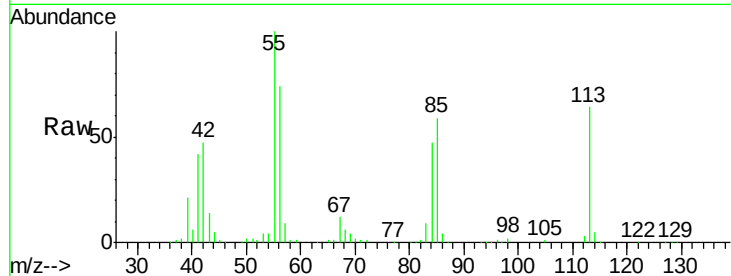
#35
Caprolactam
Concen: 60.32 ng m
RT: 8.33 min Scan# 590
Delta R.T. 0.02 min
Lab File: BF090078.D
Acq: 15 Sep 2016 4:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	198313		
55	156.7	134.5	174.5	
56	116.2	93.7	133.7	

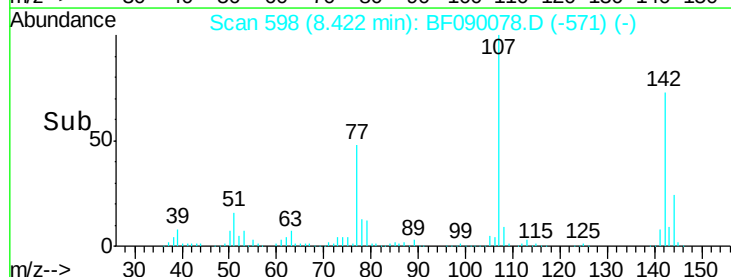
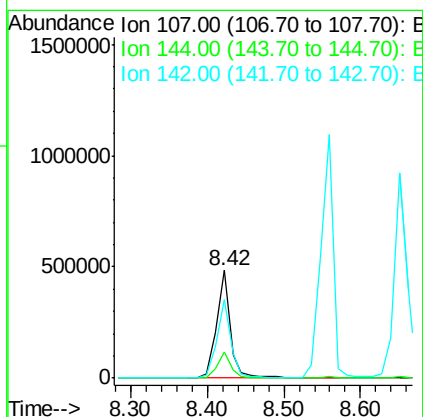
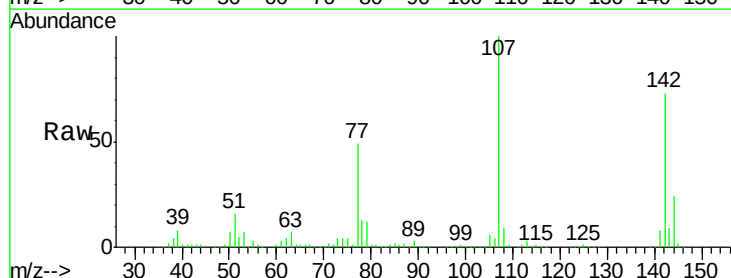
Manual Integrations
APPROVED

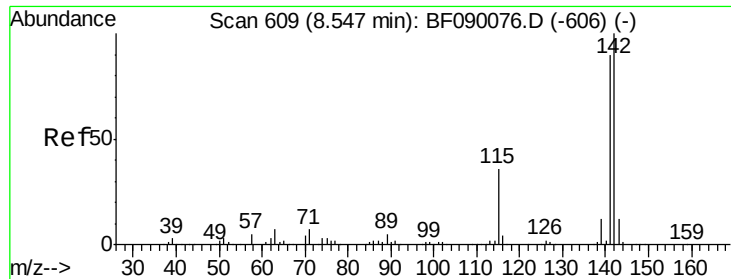
sohil
9/15/2016 12:51:55 PM



#36
4-Chloro-3-methylphenol
Concen: 53.66 ng
RT: 8.42 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF090078.D
Acq: 15 Sep 2016 4:34

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	606141		
144	24.1	18.6	27.8	
142	73.2	57.0	85.6	





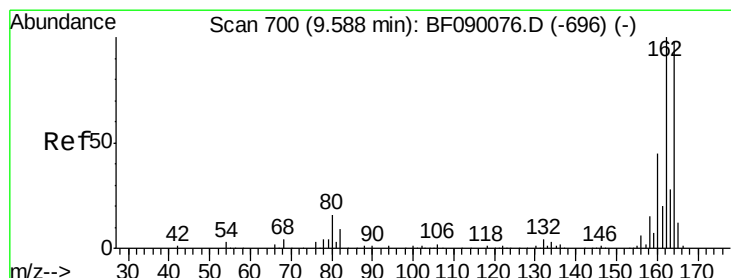
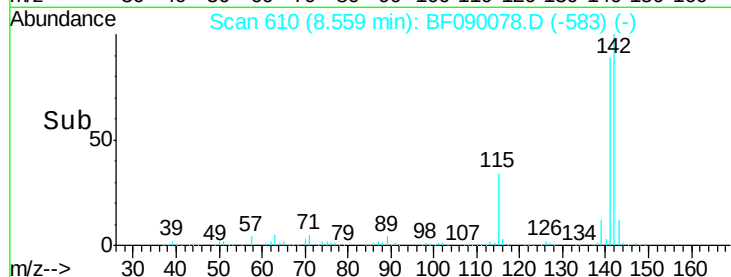
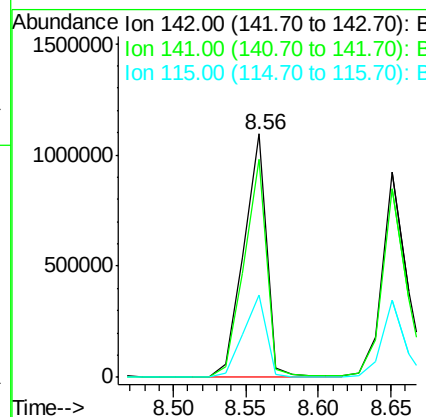
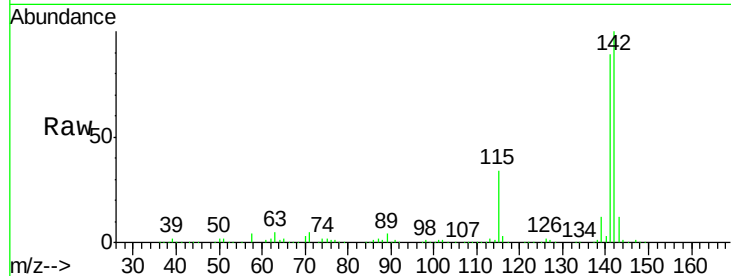
#37
2-Methylnaphthalene
Concen: 58.12 ng
RT: 8.56 min Scan# 610
Delta R.T. 0.01 min
Lab File: BF090078.D
Acq: 15 Sep 2016 4:34

Instrument :
BNA_F
ClientSampled :
SSTDICC060

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.4	107.2
115	34.0	28.3	42.5

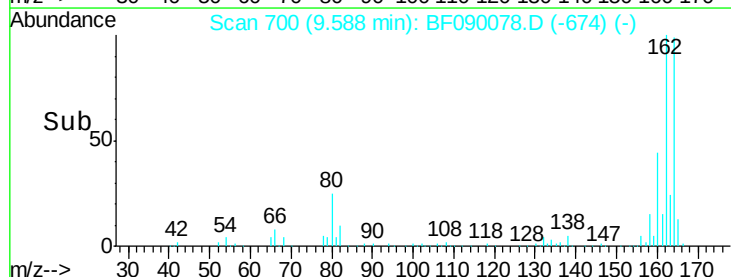
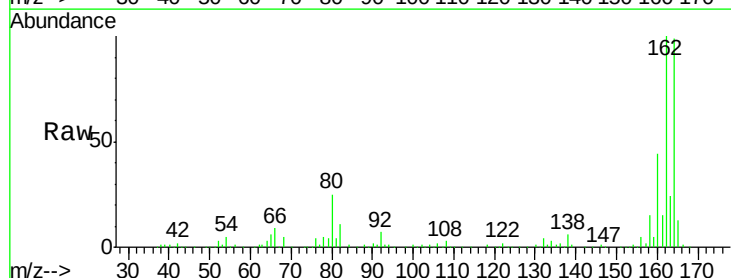
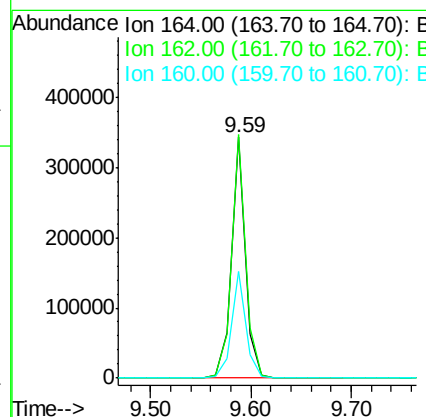
Manual Integrations
APPROVED

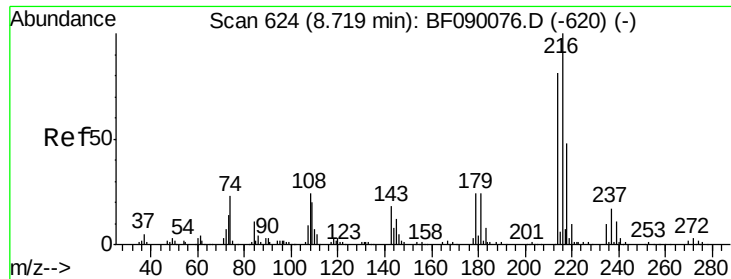
sohil
9/15/2016 12:51:55 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF090078.D
Acq: 15 Sep 2016 4:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.4	122.2
160	44.4	36.6	54.8





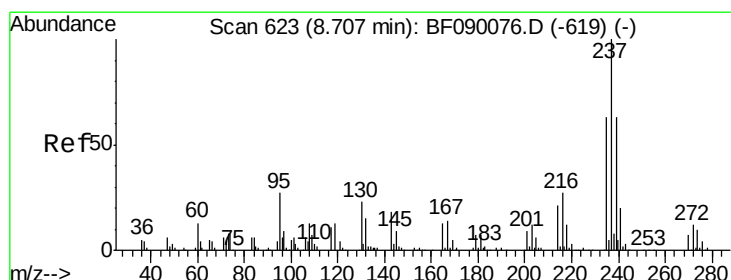
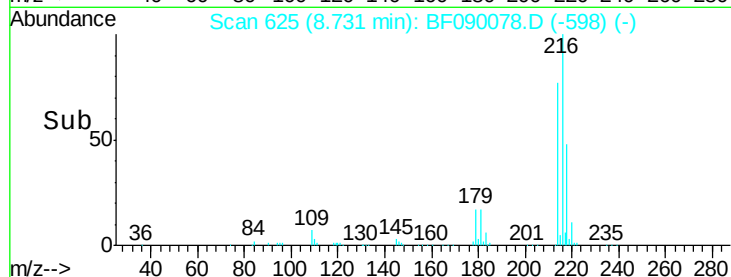
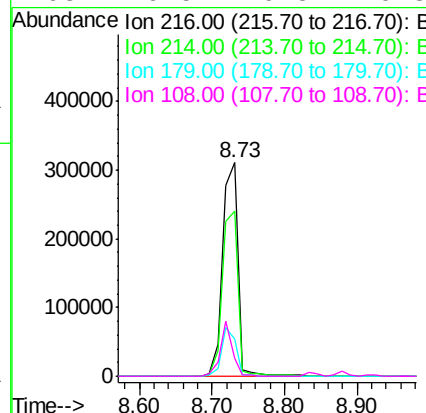
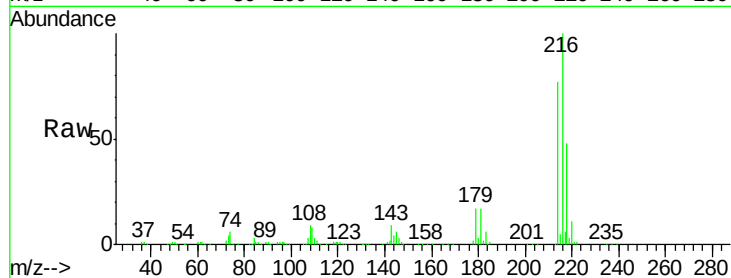
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 53.62 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.01 min
 Lab File: BF090078.D
 Acq: 15 Sep 2016 4:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion:	216	Resp:	458697
Ion Ratio	Lower	Upper	
216	100		
214	78.9	63.7	95.5
179	21.3	18.5	27.7
108	20.5	19.5	29.3

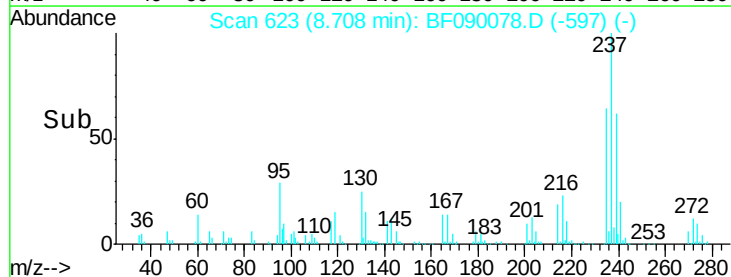
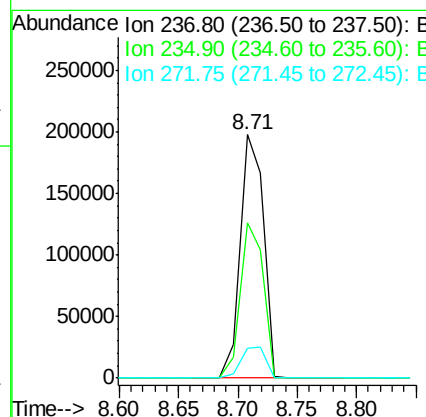
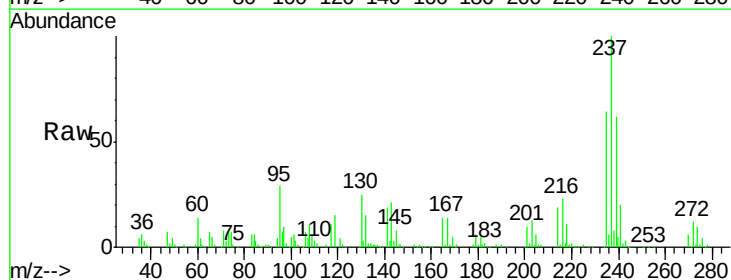
Manual Integrations
 APPROVED

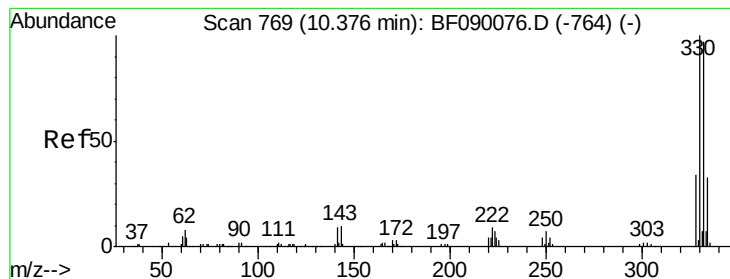
sohil
 9/15/2016 12:51:55 PM



#40
 Hexachlorocyclopentadiene
 Concen: 61.14 ng
 RT: 8.71 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF090078.D
 Acq: 15 Sep 2016 4:34

Tgt Ion:	237	Resp:	271369
Ion Ratio	Lower	Upper	
237	100		
235	63.8	42.5	82.5
272	12.5	0.0	32.0





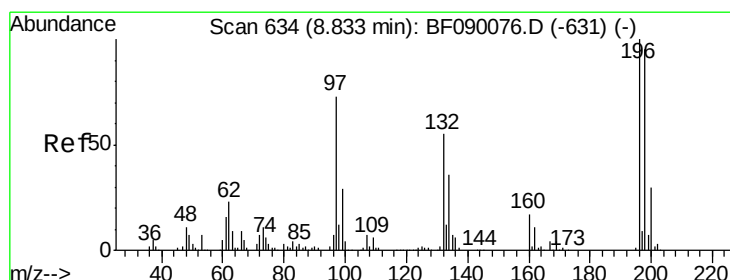
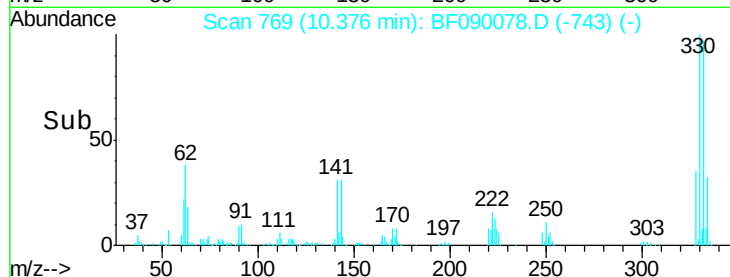
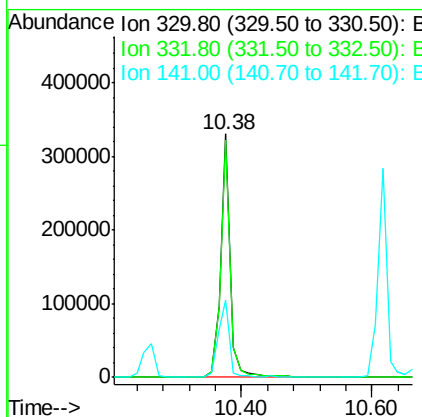
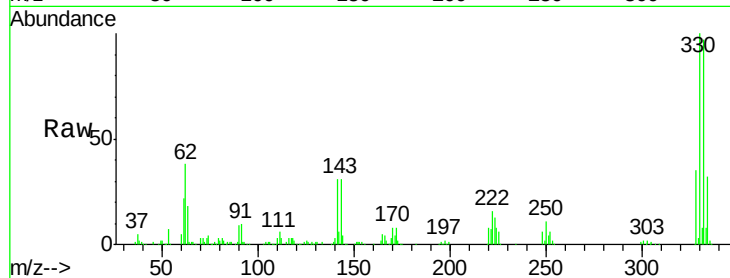
#41
 2,4,6-Tribromophenol
 Concen: 103.45 ng
 RT: 10.38 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF090078.D
 Acq: 15 Sep 2016 4:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	349427		
332	98.1	78.1	117.1	
141	37.1	23.9	35.9#	

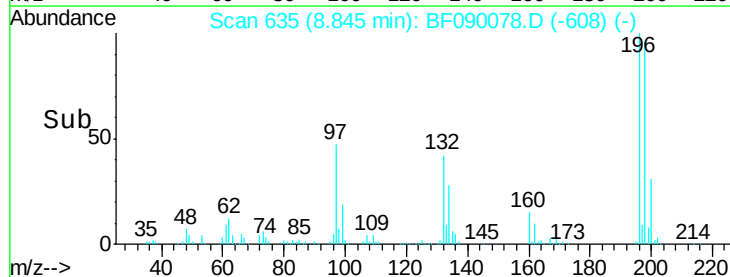
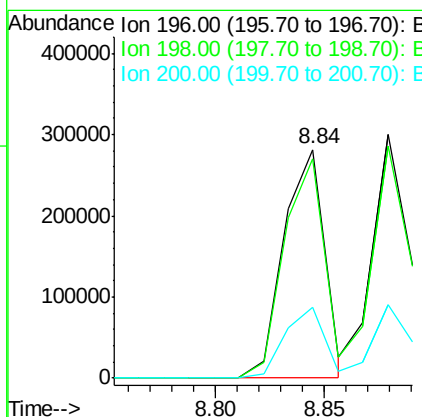
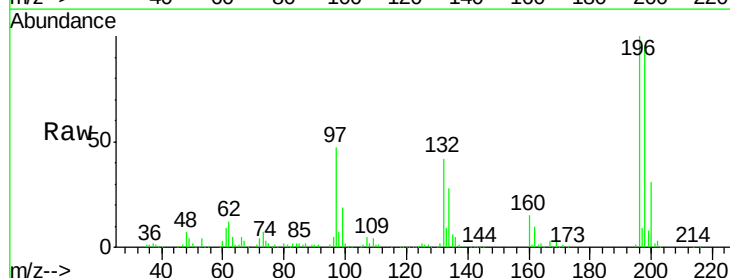
Manual Integrations
 APPROVED

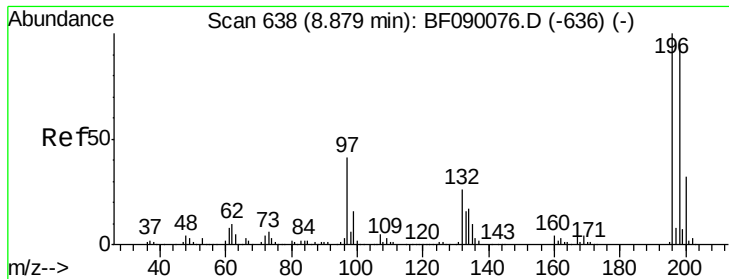
sohil
 9/15/2016 12:51:55 PM



#42
 2,4,6-Trichlorophenol
 Concen: 58.54 ng
 RT: 8.84 min Scan# 635
 Delta R.T. 0.01 min
 Lab File: BF090078.D
 Acq: 15 Sep 2016 4:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	369476		
198	96.1	76.3	114.5	
200	31.2	24.1	36.1	





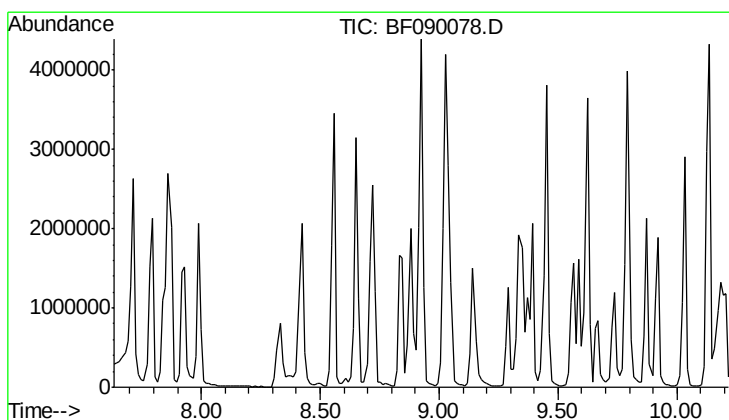
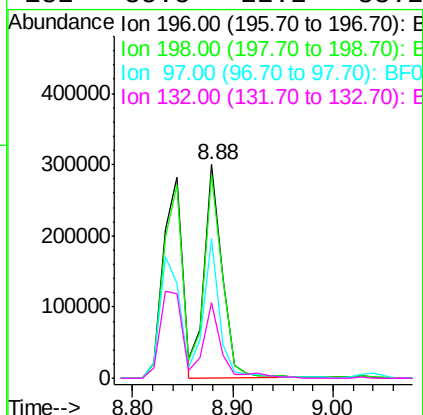
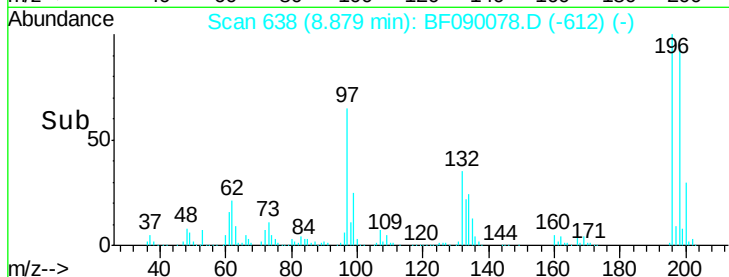
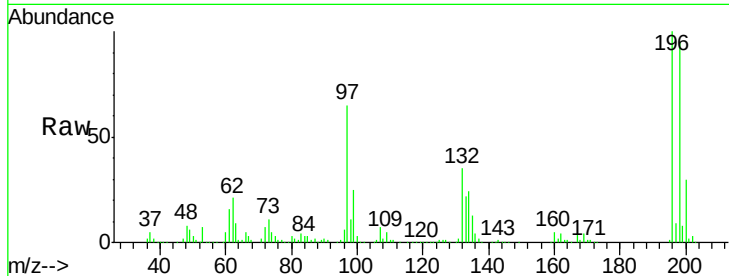
#43
 2,4,5-Trichlorophenol
 Concen: 54.78 ng
 RT: 8.88 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF090078.D
 Acq: 15 Sep 2016 4:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	95.3	76.6	114.8
97	65.2	34.4	51.6
132	35.5	22.2	33.2

Manual Integrations
 APPROVED

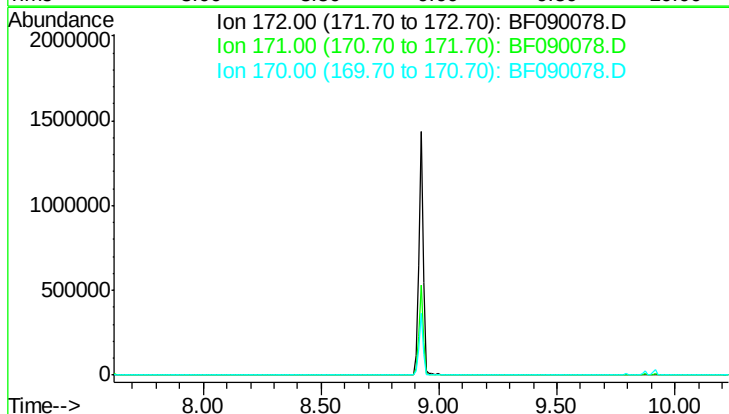
sohil
 9/15/2016 12:51:55 PM

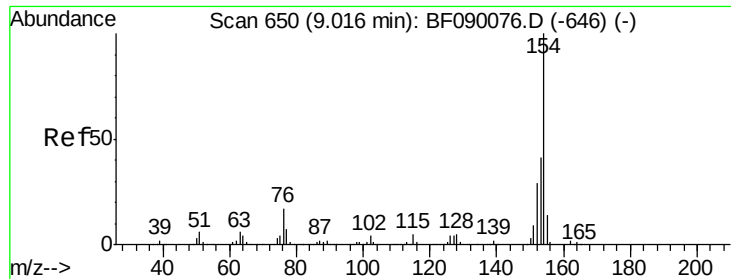


#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 8.92 min

Lab File: BF090078.D
 Acq: 15 Sep 2016 4:34

Tgt Ion	Sig	Exp Ratio
172	100	
171	36.5	
170	24.8	





#45

1,1'-Biphenyl

Concen: 54.31 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.01 min

Lab File: BF090078.D

Acq: 15 Sep 2016 4:34

Instrument :

BNA_F

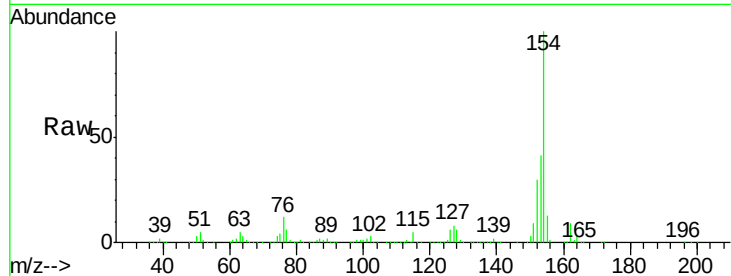
ClientSampleId :

SSTDICC060

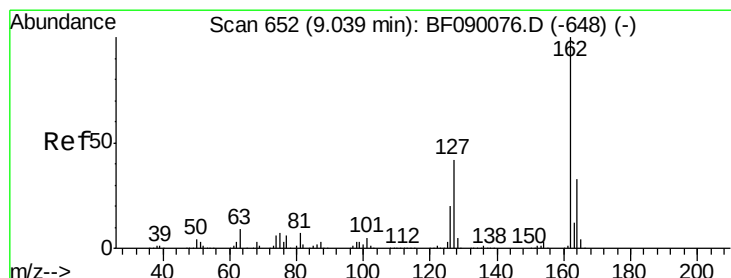
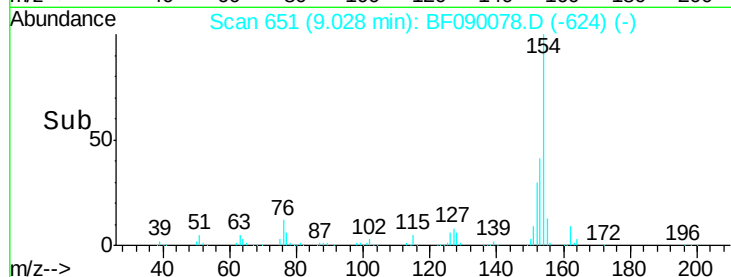
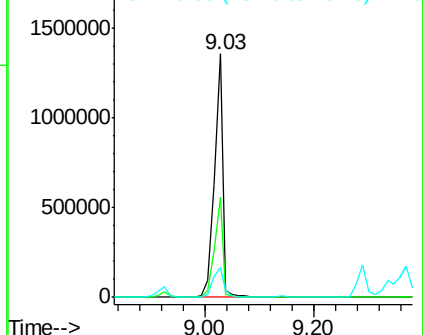
Tgt Ion:	154	Resp:	1506101
Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.6	60.6
76	12.5	0.0	36.7

Manual Integrations
APPROVED

sohil
9/15/2016 12:51:55 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: 54.17 ng

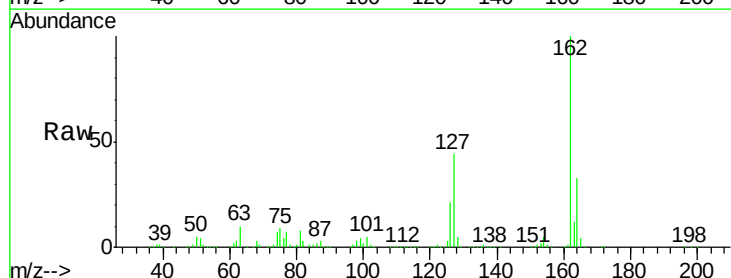
RT: 9.04 min Scan# 652

Delta R.T. 0.00 min

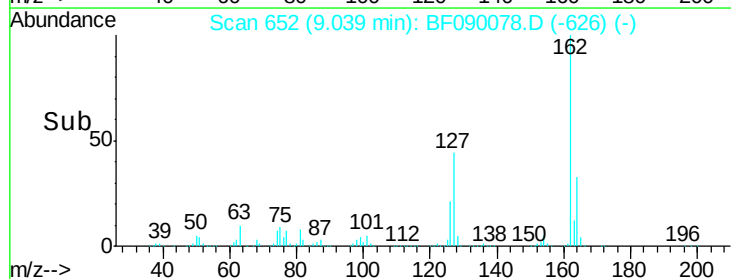
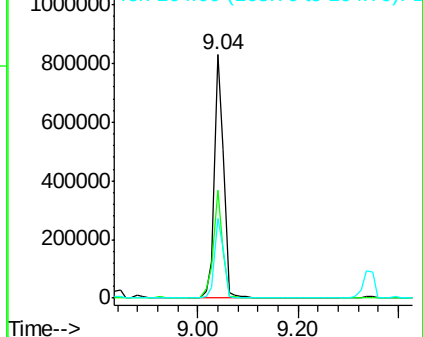
Lab File: BF090078.D

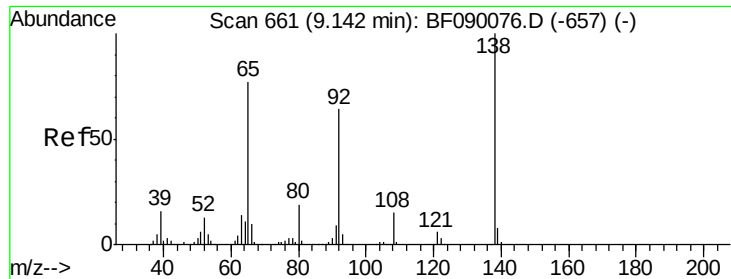
Acq: 15 Sep 2016 4:34

Tgt Ion:	162	Resp:	1056818
Ion	Ratio	Lower	Upper
162	100		
127	44.3	34.0	51.0
164	32.7	26.8	40.2



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





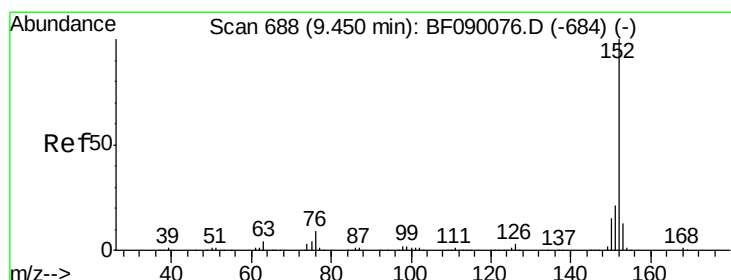
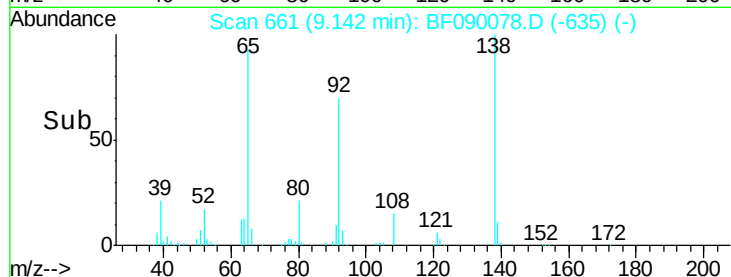
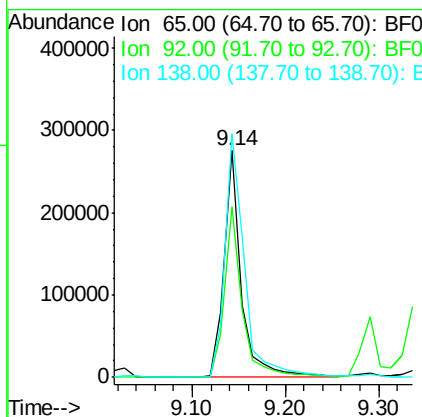
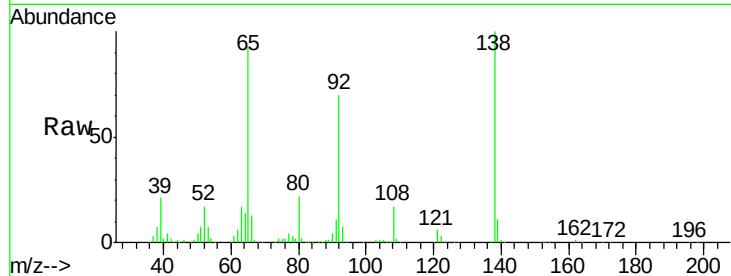
#47
2-Nitroaniline
Concen: 55.28 ng
RT: 9.14 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF090078.D
Acq: 15 Sep 2016 4:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	354396		
92	75.1	66.1	99.1	
138	107.3	104.1	156.1	

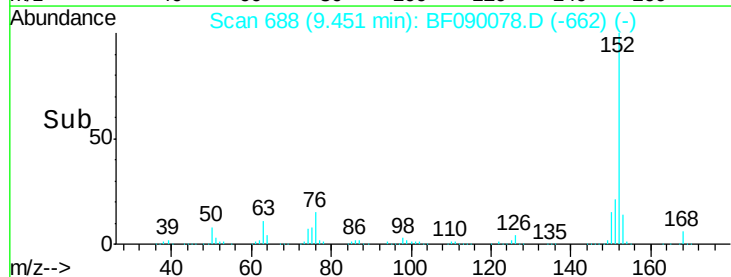
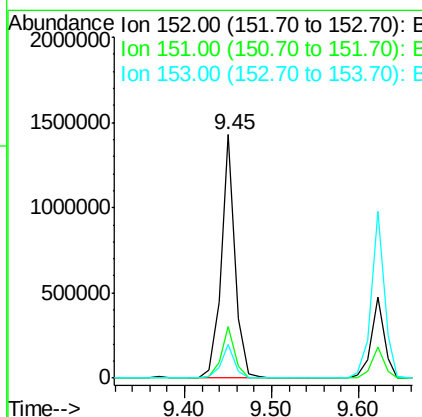
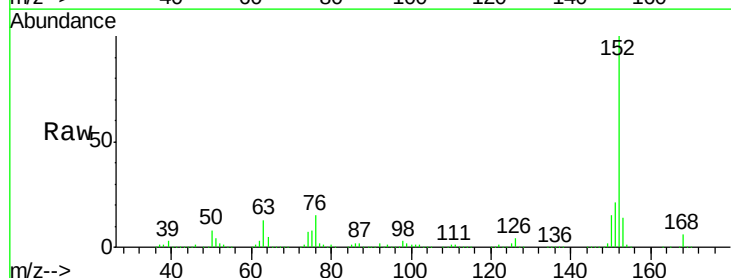
Manual Integrations
APPROVED

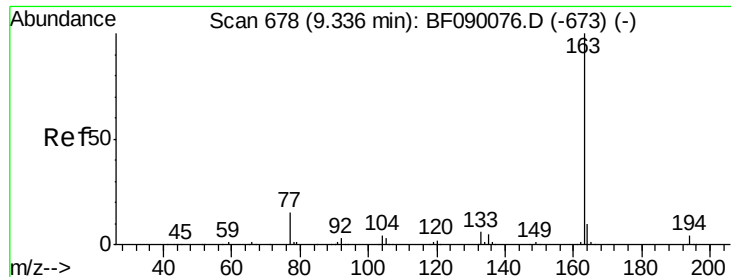
sohil
9/15/2016 12:51:55 PM



#48
Acenaphthylene
Concen: 47.33 ng
RT: 9.45 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF090078.D
Acq: 15 Sep 2016 4:34

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1596835		
151	21.0	16.5	24.7	
153	13.9	10.6	15.8	





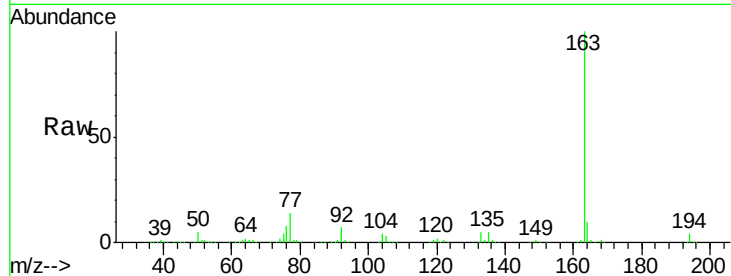
#49
Dimethylphthalate
Concen: 59.34 ng
RT: 9.35 min Scan# 679
Delta R.T. 0.01 min
Lab File: BF090078.D
Acq: 15 Sep 2016 4:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

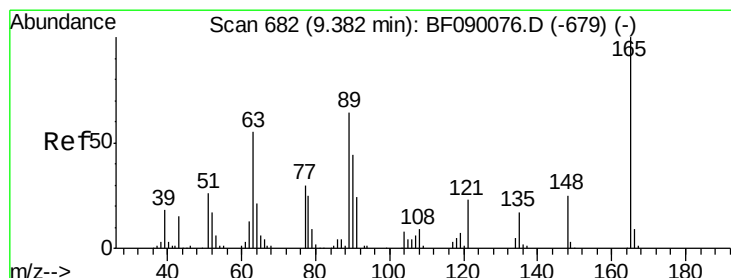
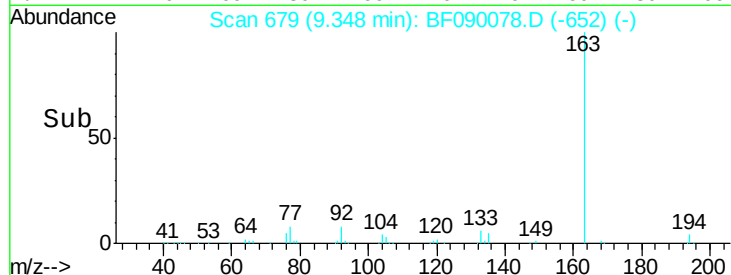
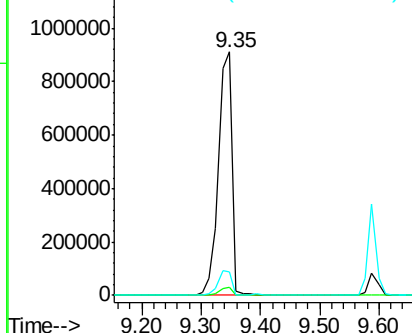
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	9.8	8.1	12.1

Manual Integrations
APPROVED

sohil
9/15/2016 12:51:55 PM



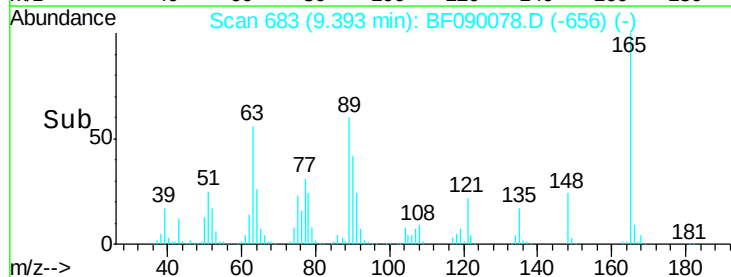
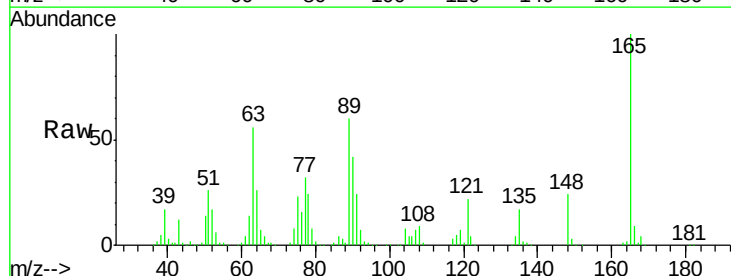
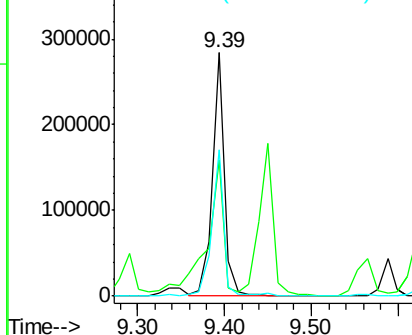
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

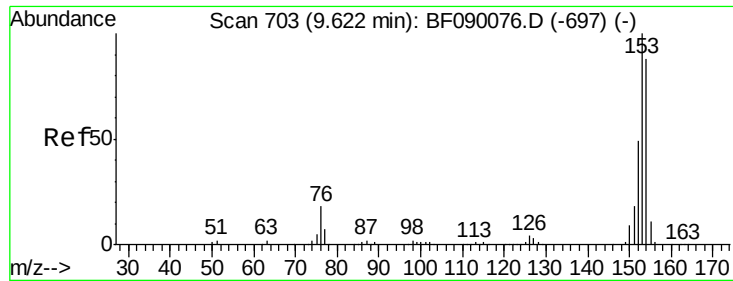


#50
2,6-Dinitrotoluene
Concen: 50.83 ng
RT: 9.39 min Scan# 683
Delta R.T. 0.01 min
Lab File: BF090078.D
Acq: 15 Sep 2016 4:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.9	49.9	74.9
89	59.9	51.0	76.4

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: 46.23 ng

RT: 9.62 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF090078.D

Acq: 15 Sep 2016 4:34

Instrument :

BNA_F

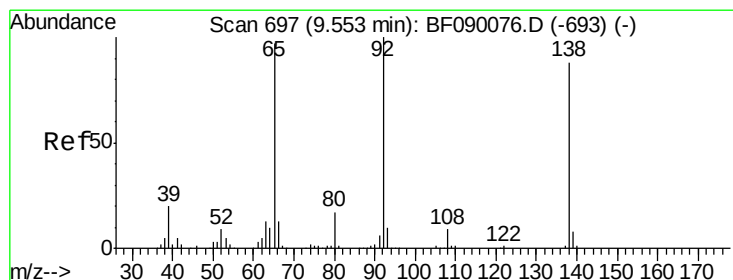
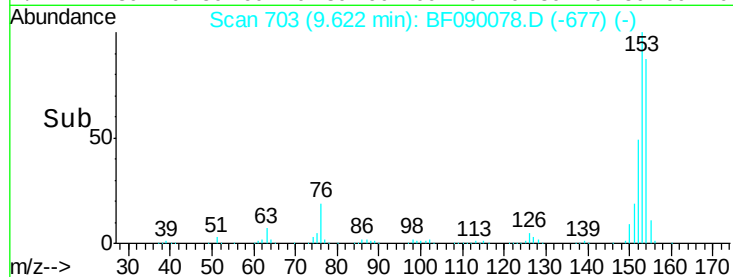
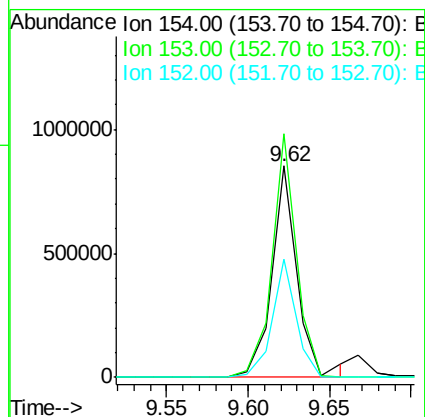
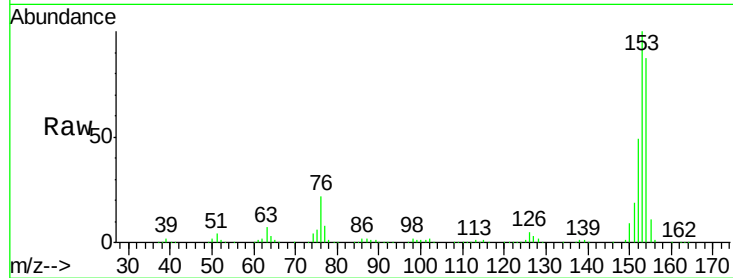
ClientSampled :

SSTDICC060

Tgt Ion:	154	Resp:	932392
Ion Ratio	Lower	Upper	
154	100		
153	115.1	90.8	136.2
152	55.9	44.2	66.4

Manual Integrations
APPROVED

sohil
9/15/2016 12:51:55 PM



#52

3-Nitroaniline

Concen: 62.51 ng

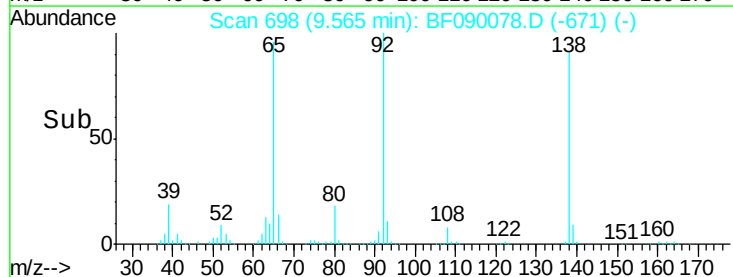
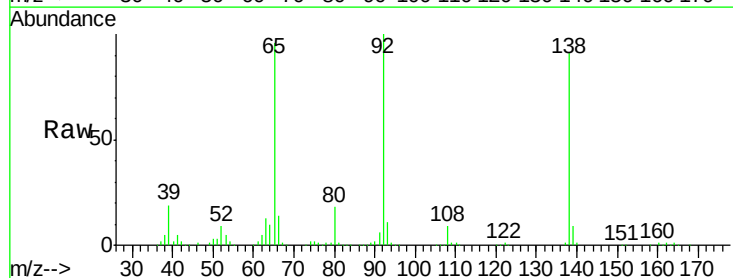
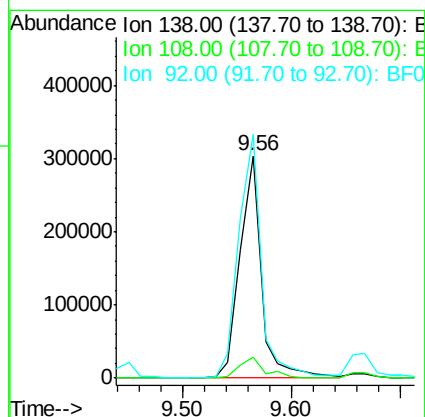
RT: 9.56 min Scan# 698

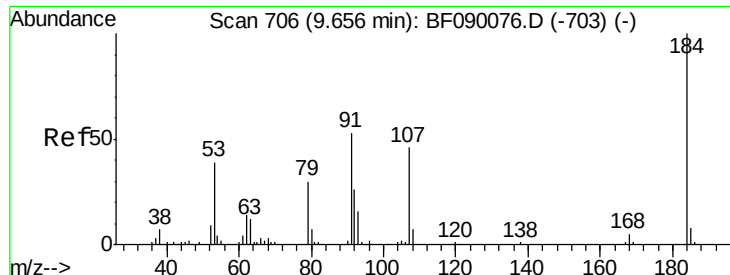
Delta R.T. 0.01 min

Lab File: BF090078.D

Acq: 15 Sep 2016 4:34

Tgt Ion:	138	Resp:	416771
Ion Ratio	Lower	Upper	
138	100		
108	9.4	7.8	11.6
92	109.5	90.7	136.1





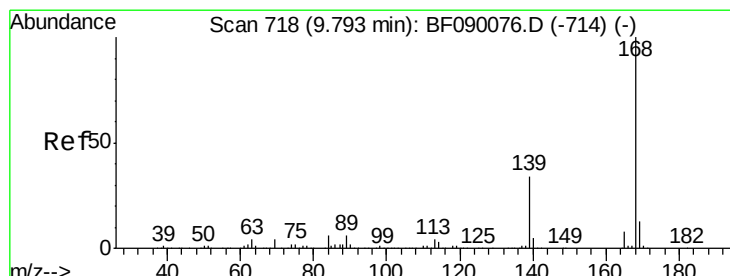
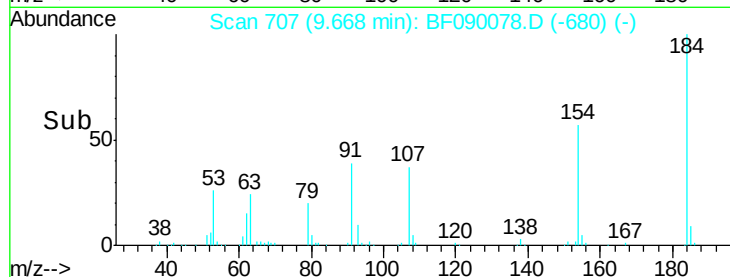
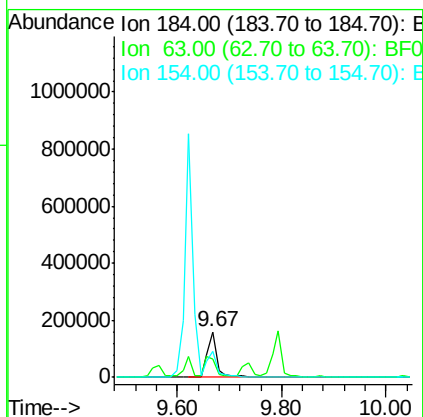
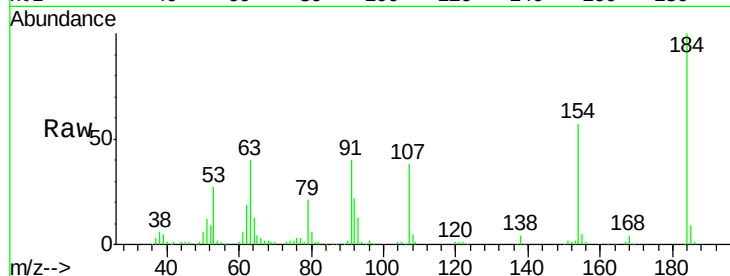
#53
 2,4-Dinitrophenol
 Concen: 80.31 ng
 RT: 9.67 min Scan# 707
 Delta R.T. 0.01 min
 Lab File: BF090078.D
 Acq: 15 Sep 2016 4:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	209033		
63	40.2	44.6	67.0#	
154	57.0	49.7	74.5	

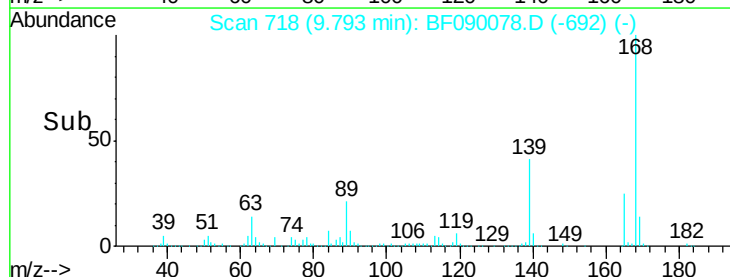
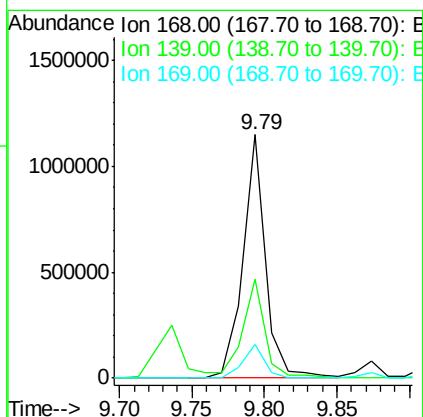
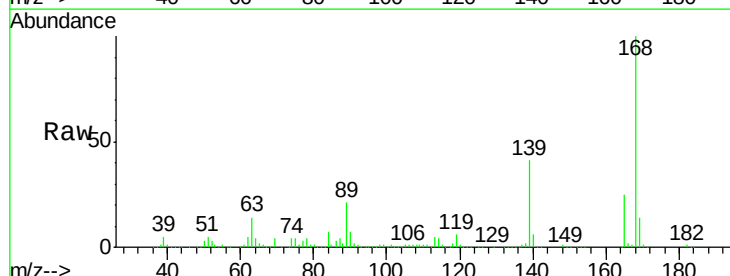
Manual Integrations
 APPROVED

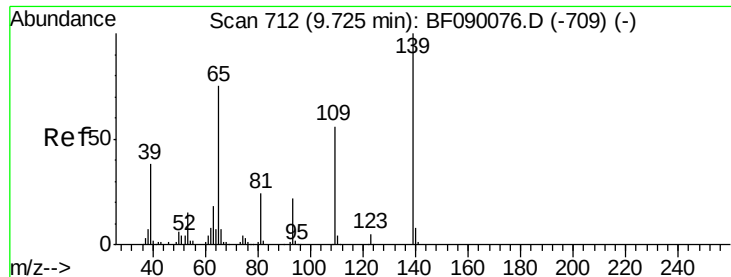
sohil
 9/15/2016 12:51:55 PM



#54
 Dibenzofuran
 Concen: 46.87 ng
 RT: 9.79 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: BF090078.D
 Acq: 15 Sep 2016 4:34

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1236186		
139	40.7	28.8	43.2	
169	14.0	10.7	16.1	





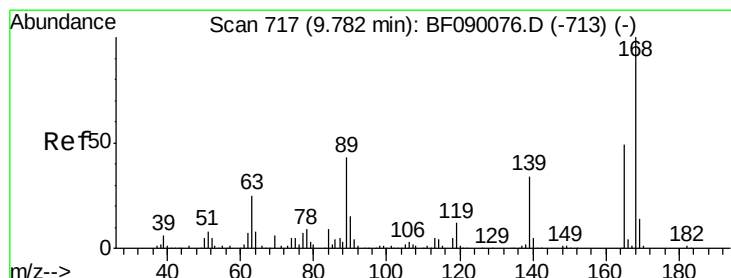
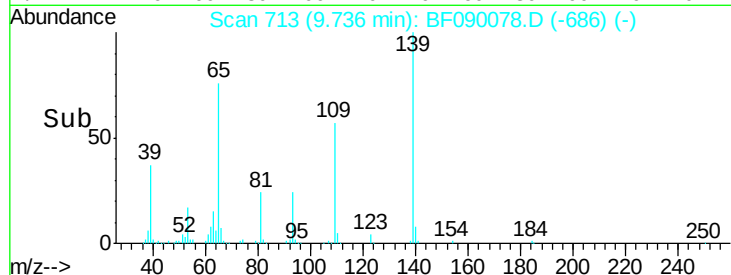
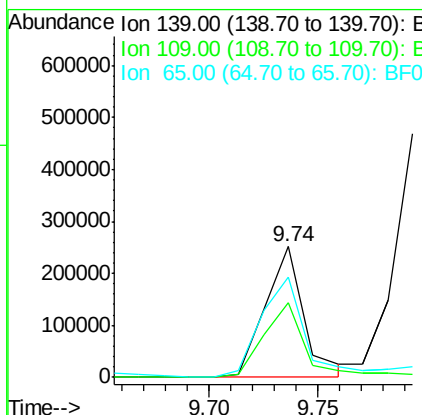
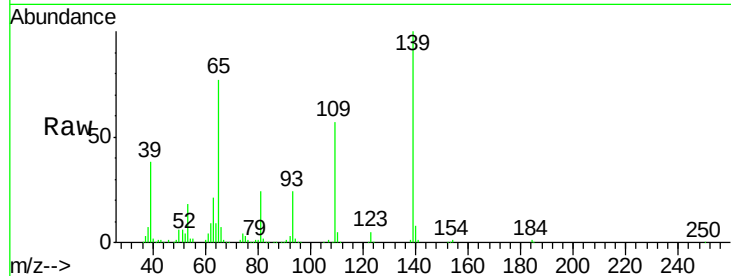
#55
4-Nitrophenol
Concen: 47.65 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.01 min
Lab File: BF090078.D
Acq: 15 Sep 2016 4:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	311638		
109	57.4	35.6	75.6	
65	76.5	55.5	95.5	

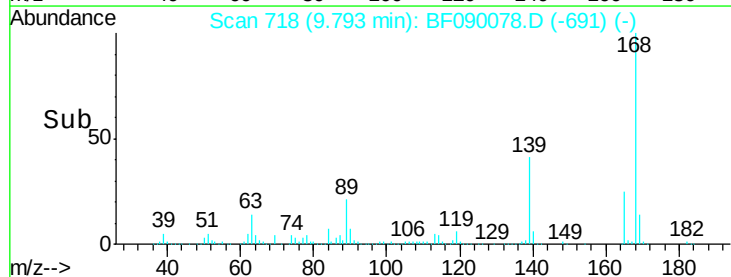
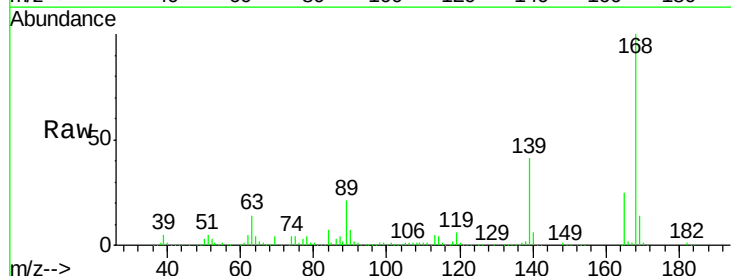
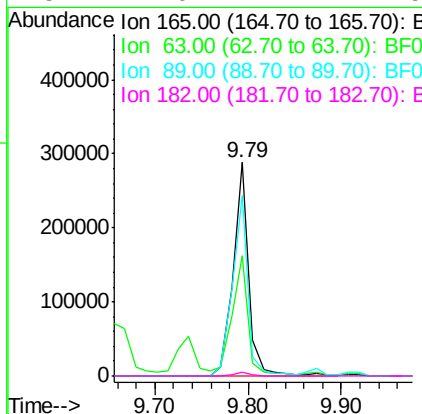
Manual Integrations
APPROVED

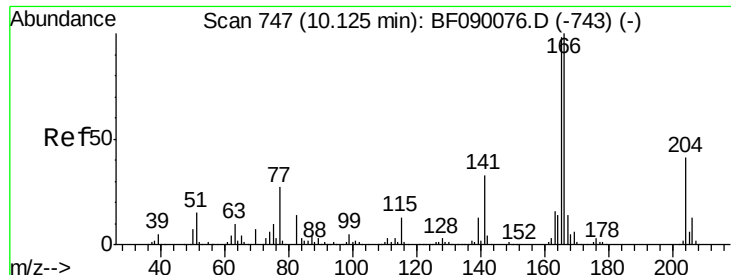
sohil
9/15/2016 12:51:55 PM



#56
2,4-Dinitrotoluene
Concen: 50.84 ng
RT: 9.79 min Scan# 718
Delta R.T. 0.01 min
Lab File: BF090078.D
Acq: 15 Sep 2016 4:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	341249		
63	56.4	44.4	66.6	
89	84.6	70.1	105.1	
182	2.0	1.7	2.5	





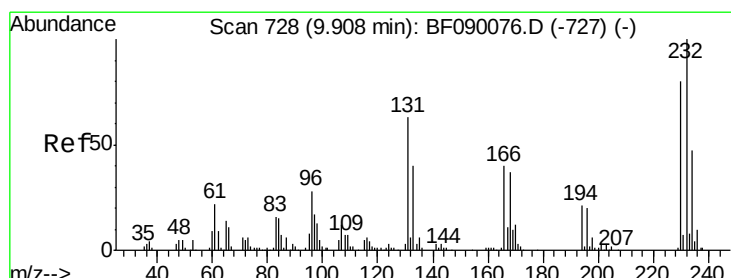
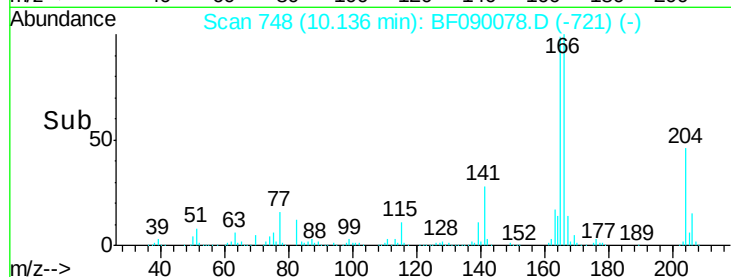
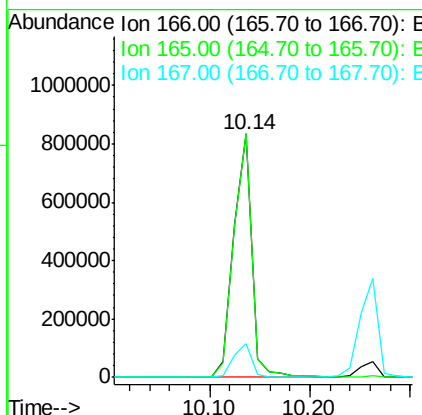
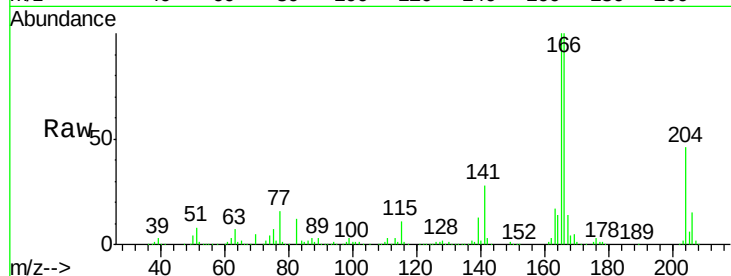
#57
Fluorene
 Concen: 50.83 ng
 RT: 10.14 min Scan# 748
 Delta R.T. 0.01 min
 Lab File: BF090078.D
 Acq: 15 Sep 2016 4:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion:166 Resp: 1048962
 Ion Ratio Lower Upper
 166 100
 165 99.9 78.5 117.7
 167 13.6 11.2 16.8

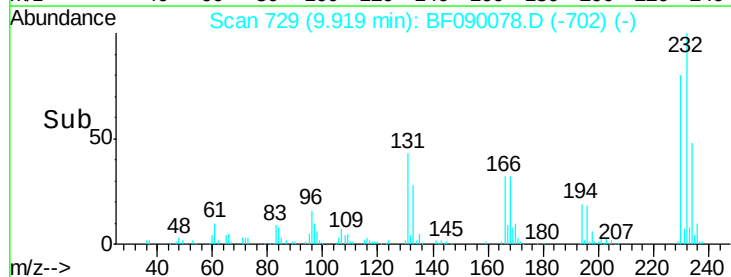
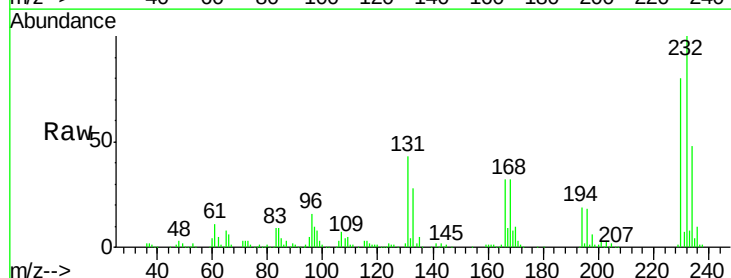
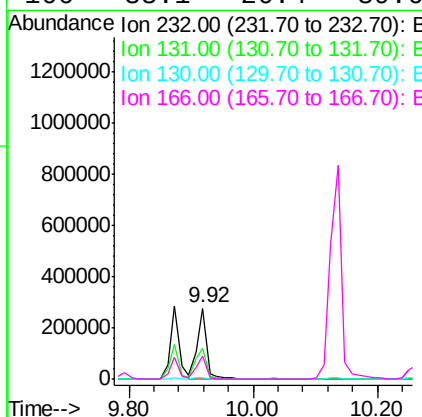
Manual Integrations
 APPROVED

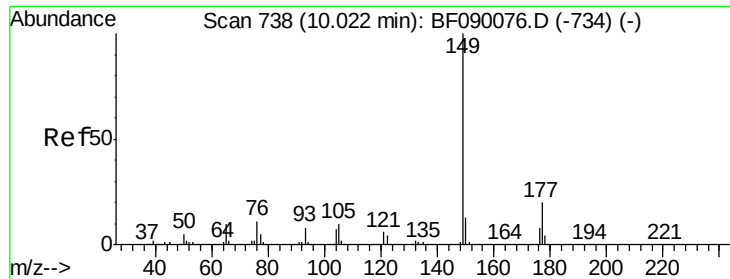
sohil
 9/15/2016 12:51:55 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 58.77 ng
 RT: 9.92 min Scan# 729
 Delta R.T. 0.01 min
 Lab File: BF090078.D
 Acq: 15 Sep 2016 4:34

Tgt Ion:232 Resp: 300301
 Ion Ratio Lower Upper
 232 100
 131 50.5 42.2 63.4
 130 2.3 1.9 2.9
 166 33.1 26.4 39.6





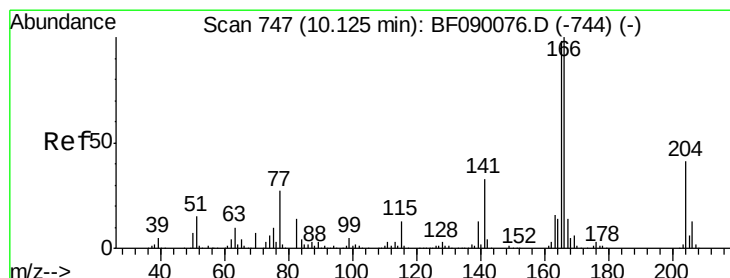
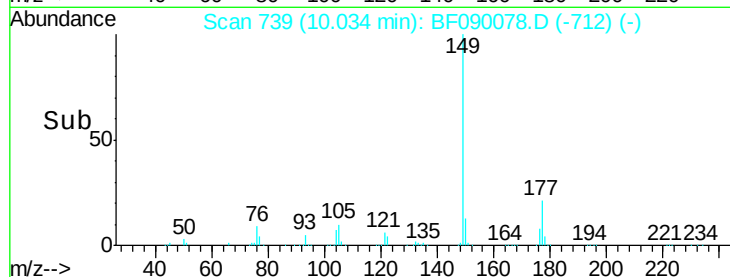
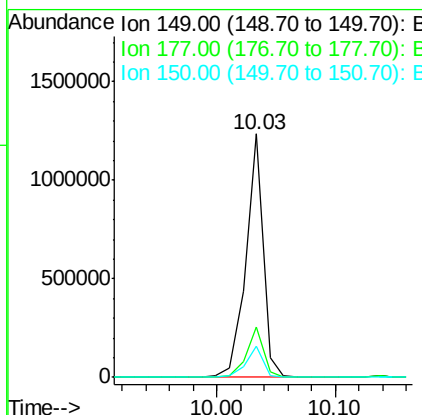
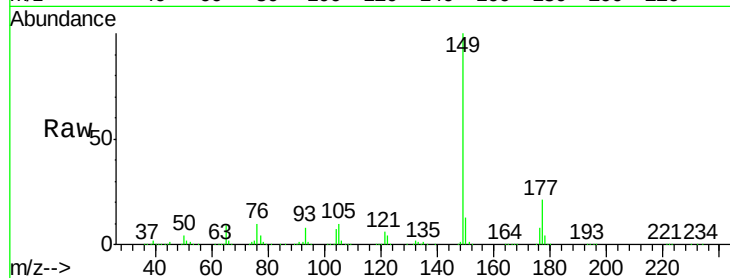
#59
Diethylphthalate
Concen: 53.44 ng
RT: 10.03 min Scan# 739
Delta R.T. 0.01 min
Lab File: BF090078.D
Acq: 15 Sep 2016 4:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.6	15.8	23.6
150	13.0	10.4	15.6

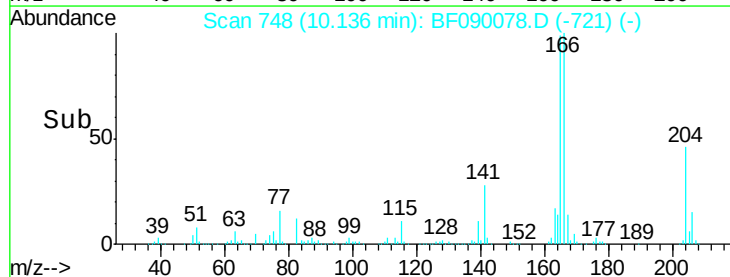
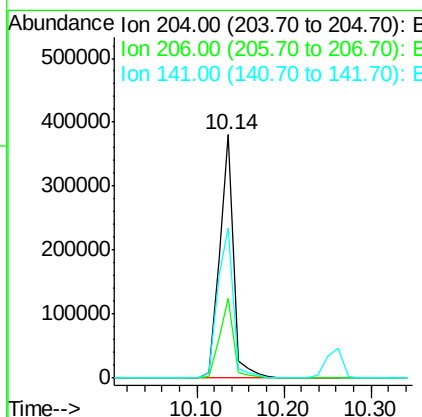
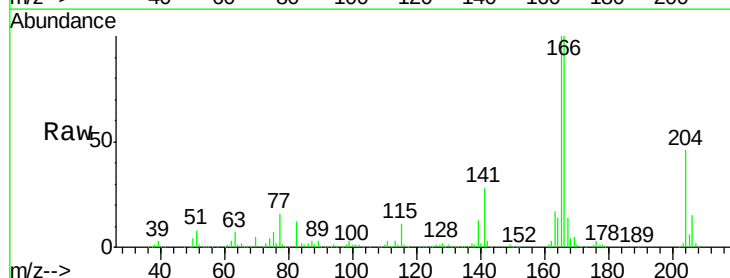
Manual Integrations
APPROVED

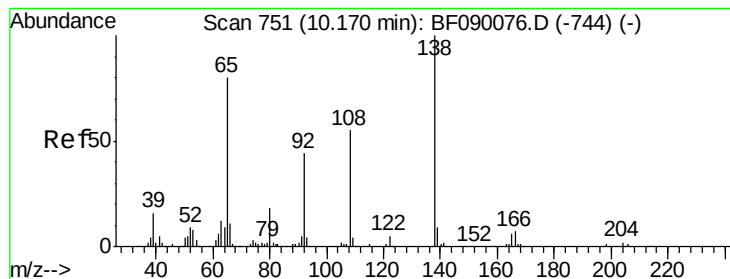
sohil
9/15/2016 12:51:55 PM



#60
4-Chlorophenyl-phenylether
Concen: 49.14 ng
RT: 10.14 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF090078.D
Acq: 15 Sep 2016 4:34

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.6	38.4
141	61.5	64.4	96.6#





#61

4-Nitroaniline

Concen: 59.49 ng

RT: 10.18 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF090078.D

Acq: 15 Sep 2016 4:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 138 Resp: 405995
Ion Ratio Lower Upper

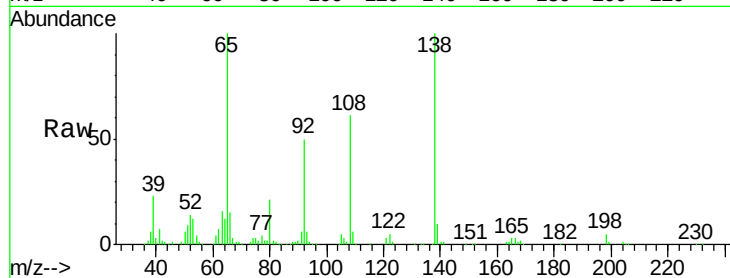
138 100

92 50.4 23.8 63.8

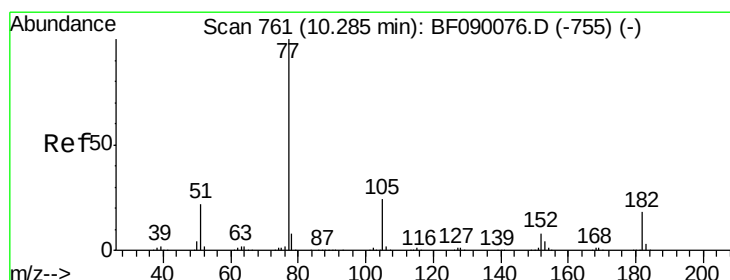
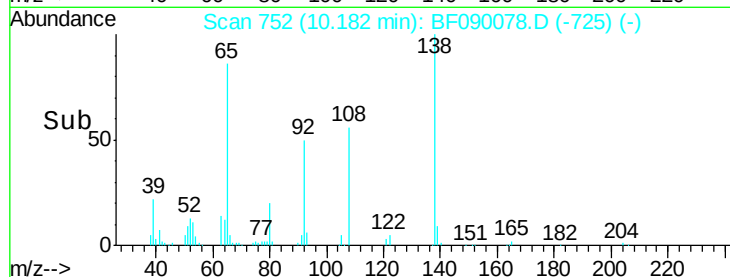
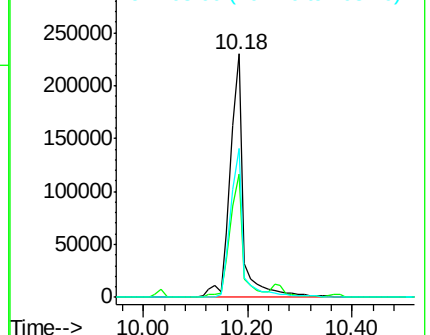
108 61.1 35.0 75.0

Manual Integrations
APPROVED

sohil
9/15/2016 12:51:55 PM



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



#62

Azobenzene

Concen: 56.37 ng

RT: 10.30 min Scan# 762

Delta R.T. 0.01 min

Lab File: BF090078.D

Acq: 15 Sep 2016 4:34

Tgt Ion: 77 Resp: 1422148
Ion Ratio Lower Upper

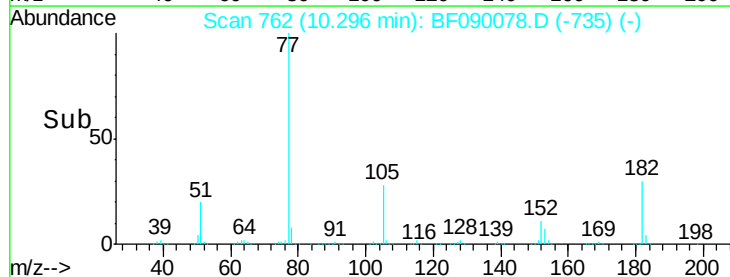
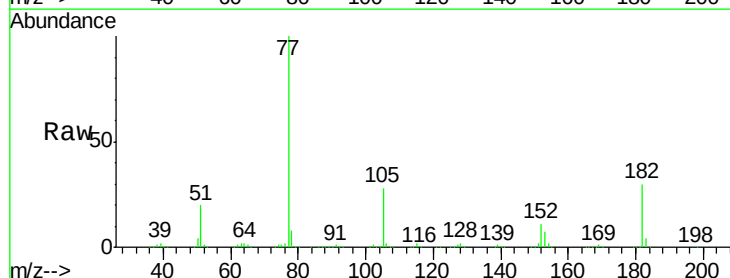
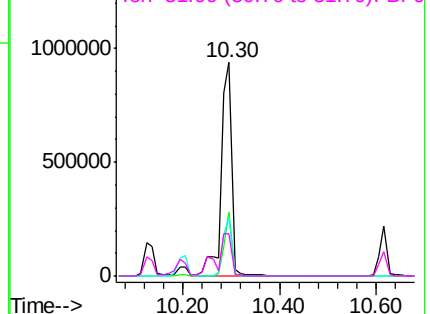
77 100

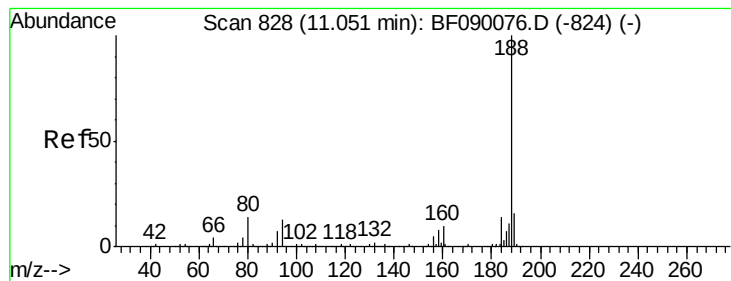
182 30.1 0.0 38.4

105 27.7 3.8 43.8

51 19.8 2.6 42.6

Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.05 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF090078.D

Acq: 15 Sep 2016 4:34

Instrument :

BNA_F

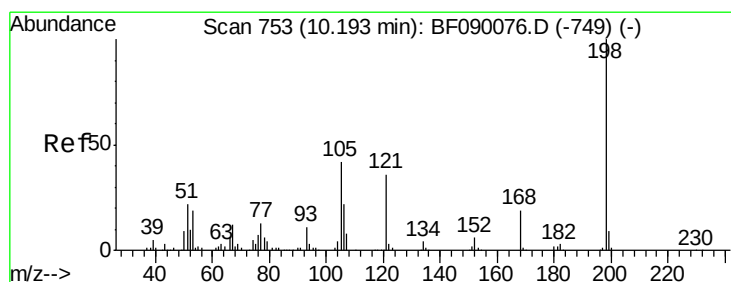
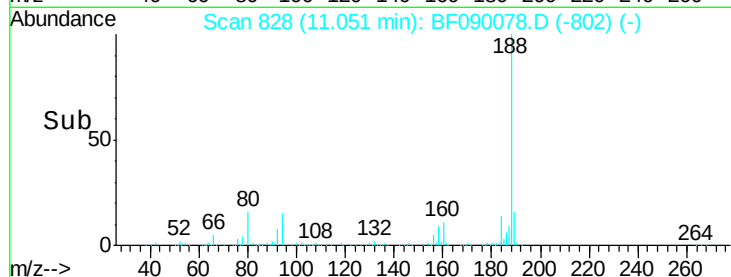
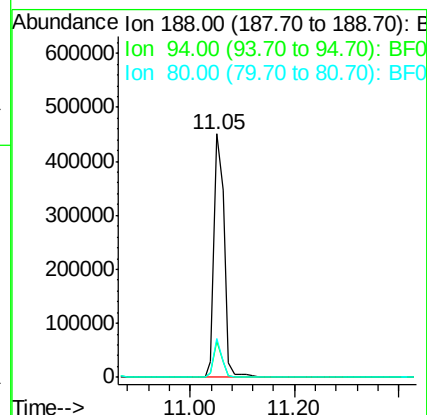
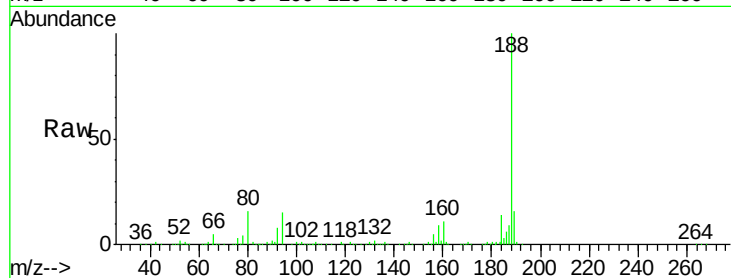
ClientSampleId :

SSTDICC060

Tgt Ion:	188	Resp:	606663
Ion Ratio	Lower	Upper	
188	100		
94	14.8	10.5	15.7
80	15.8	11.2	16.8

Manual Integrations
APPROVED

sohil
9/15/2016 12:51:55 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 66.94 ng

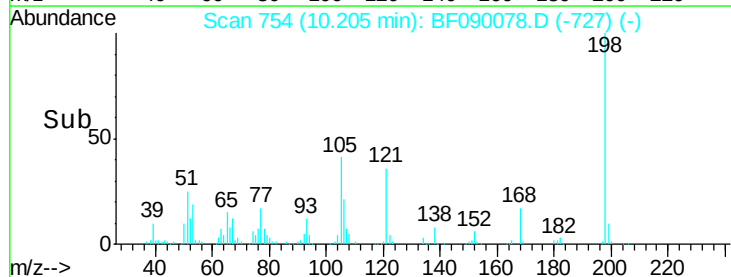
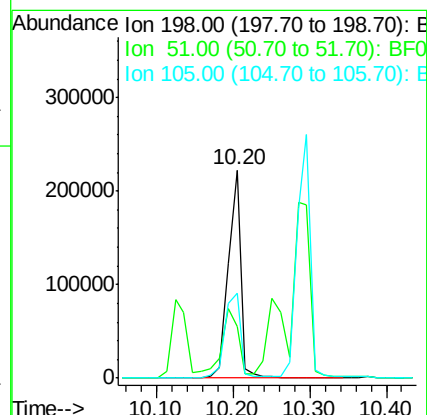
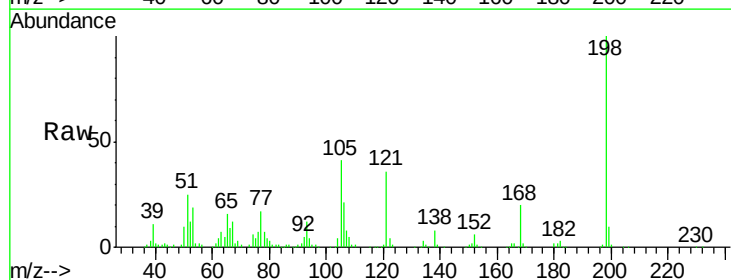
RT: 10.20 min Scan# 754

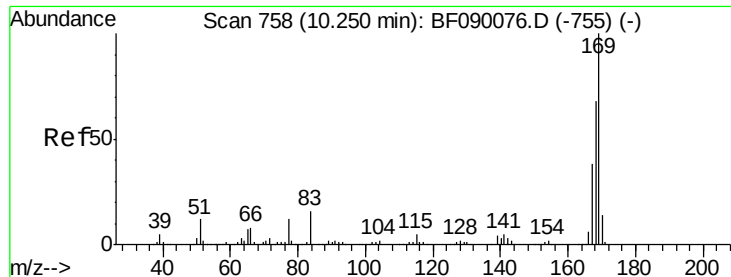
Delta R.T. 0.01 min

Lab File: BF090078.D

Acq: 15 Sep 2016 4:34

Tgt Ion:	198	Resp:	262562
Ion Ratio	Lower	Upper	
198	100		
51	24.9	5.5	45.5
105	40.5	21.8	61.8





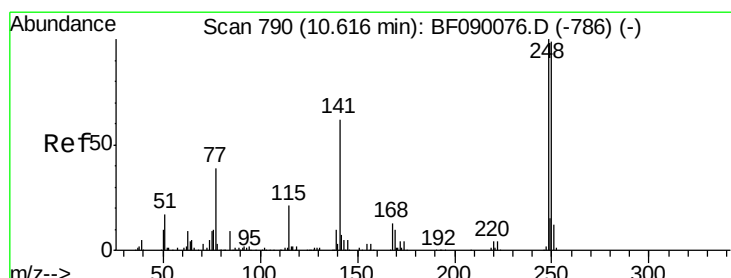
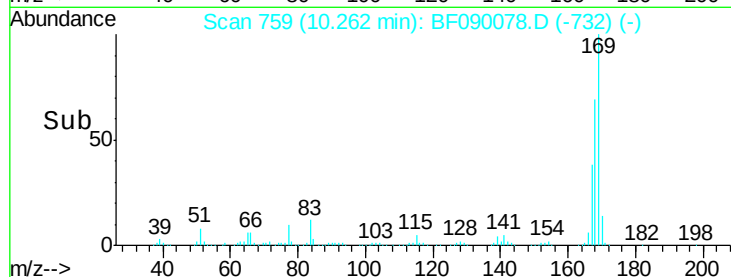
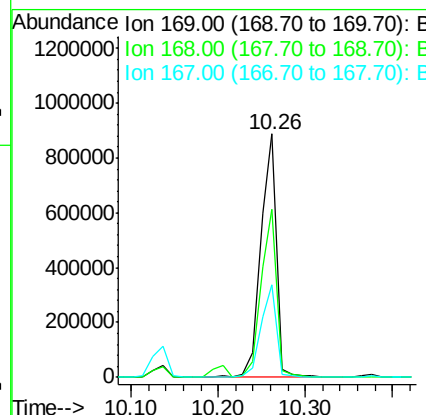
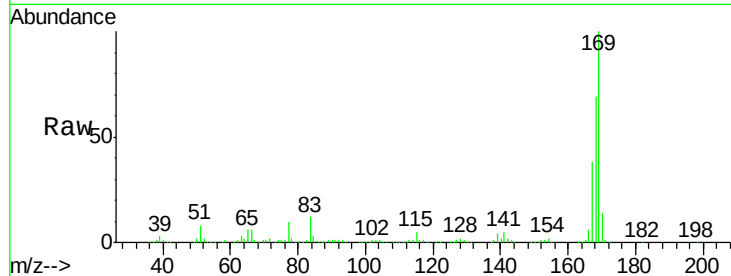
#65
n-Nitrosodiphenylamine
Concen: 58.30 ng
RT: 10.26 min Scan# 759
Delta R.T. 0.01 min
Lab File: BF090078.D
Acq: 15 Sep 2016 4:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.8	54.2	81.4
167	38.1	30.3	45.5

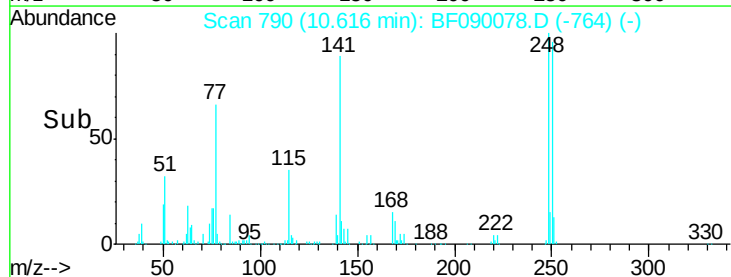
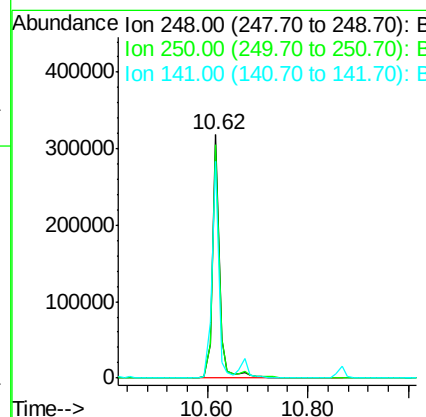
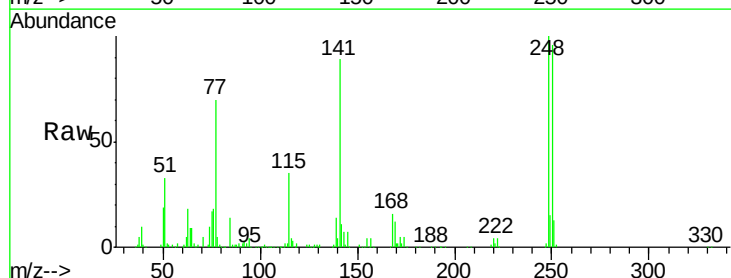
Manual Integrations
APPROVED

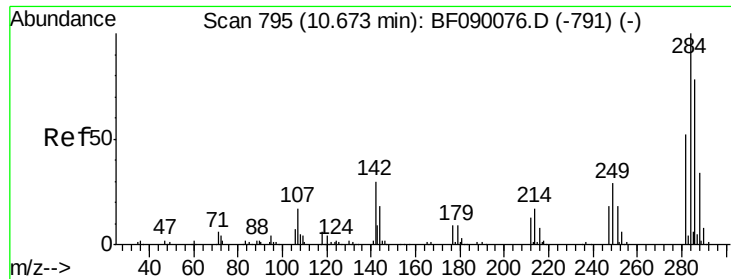
sohil
9/15/2016 12:51:55 PM



#66
4-Bromophenyl-phenylether
Concen: 53.94 ng
RT: 10.62 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF090078.D
Acq: 15 Sep 2016 4:34

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.9	79.4	119.2
141	89.1	49.3	73.9





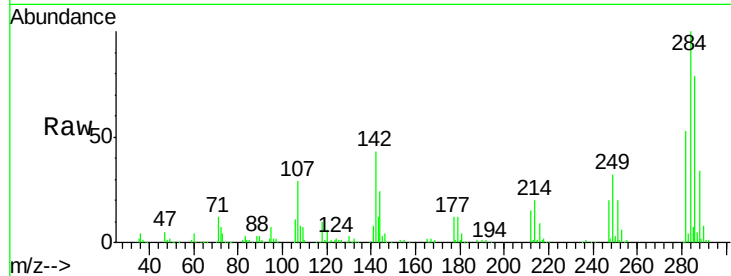
#67
Hexachlorobenzene
Concen: 51.04 ng
RT: 10.67 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF090078.D
Acq: 15 Sep 2016 4:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

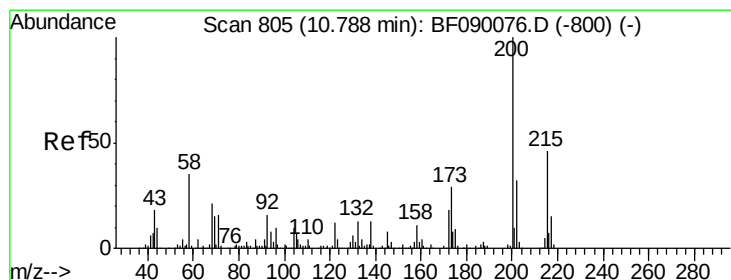
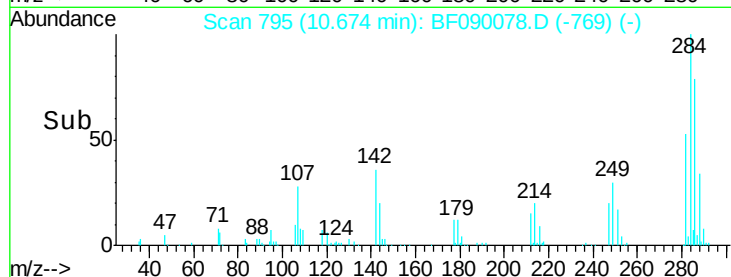
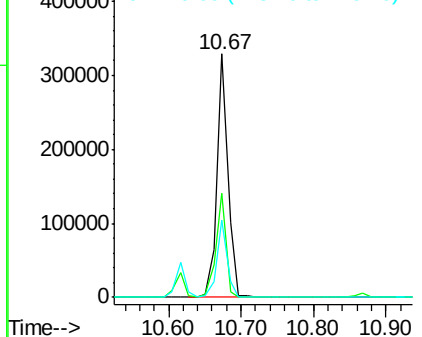
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	348707		
142	42.6	24.0	36.0#	
249	31.6	23.8	35.6	

Manual Integrations
APPROVED

sohil
9/15/2016 12:51:55 PM

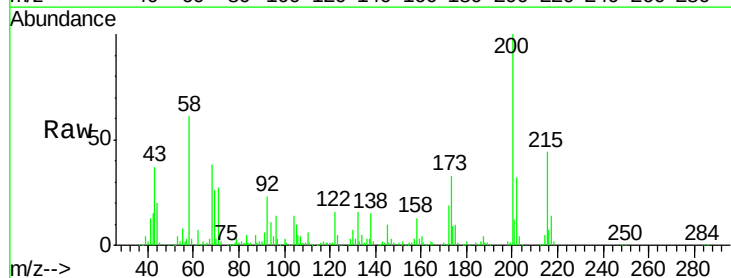


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

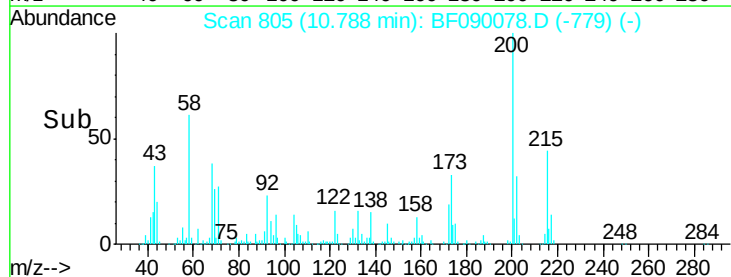
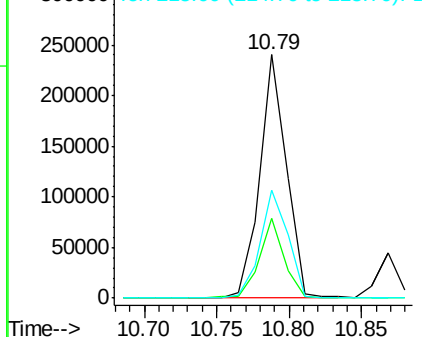


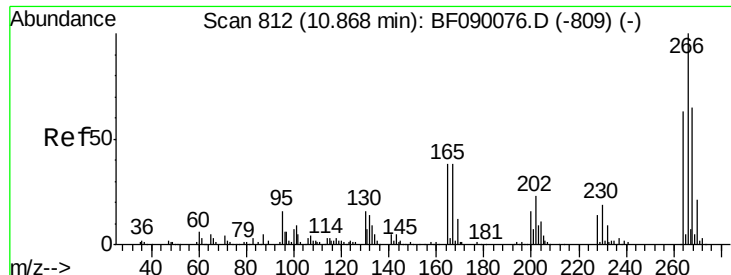
#68
Atrazine
Concen: 54.58 ng
RT: 10.79 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF090078.D
Acq: 15 Sep 2016 4:34

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	306703		
173	32.7	9.3	49.3	
215	44.3	26.1	66.1	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





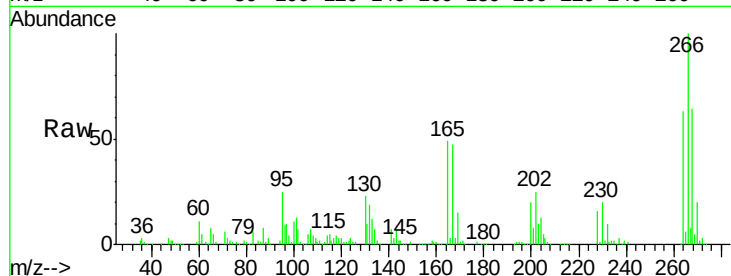
#69
 Pentachlorophenol
 Concen: 59.40 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF090078.D
 Acq: 15 Sep 2016 4:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

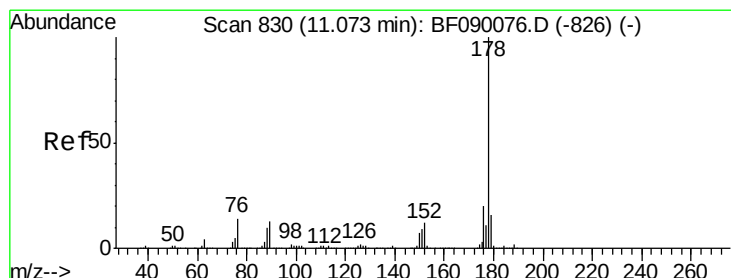
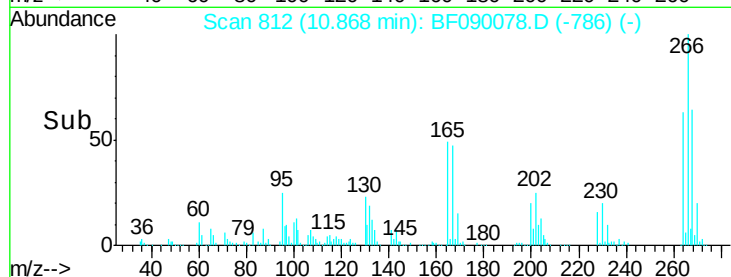
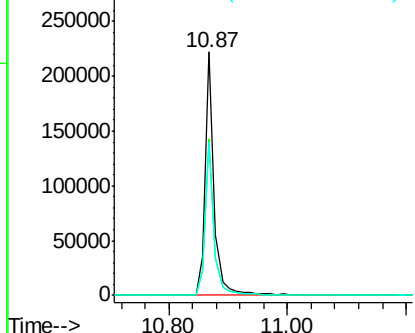
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	241904		
268	64.5	52.1	78.1	
264	62.9	50.3	75.5	

Manual Integrations
 APPROVED

sohil
 9/15/2016 12:51:55 PM

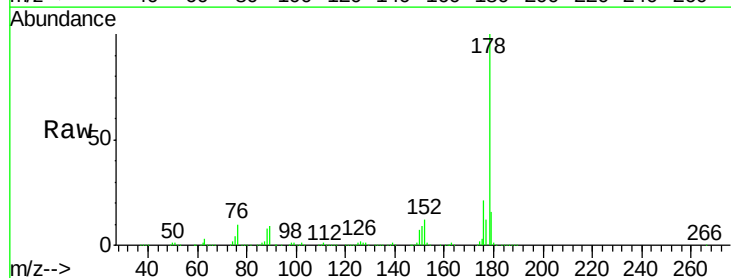


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

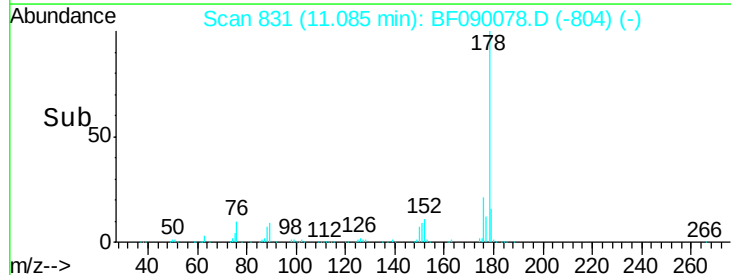
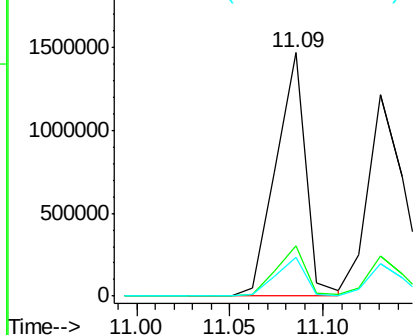


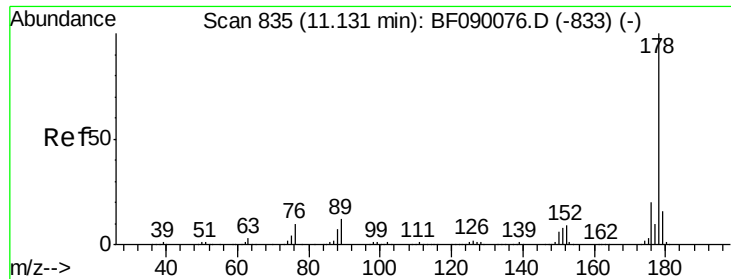
#70
 Phenanthrene
 Concen: 55.34 ng
 RT: 11.09 min Scan# 831
 Delta R.T. 0.01 min
 Lab File: BF090078.D
 Acq: 15 Sep 2016 4:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1629534		
176	20.8	15.9	23.9	
179	15.9	12.9	19.3	



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





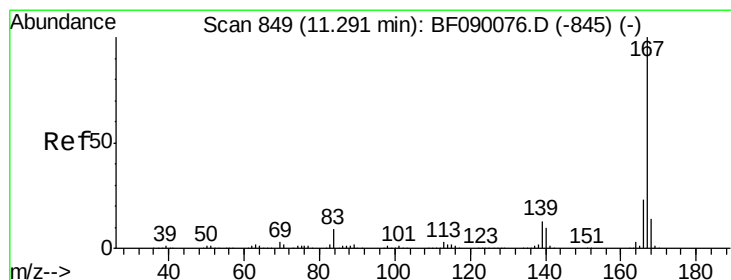
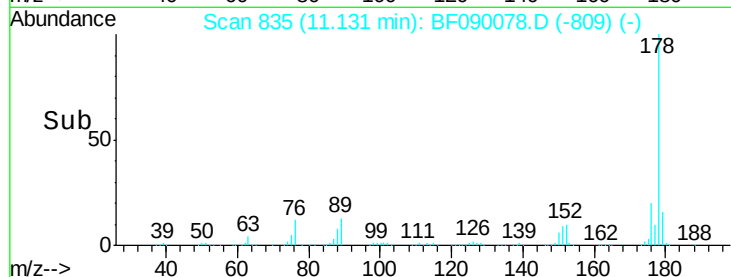
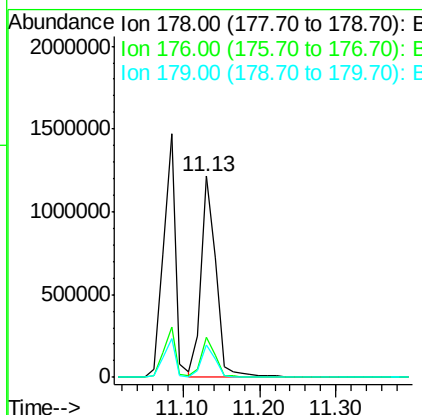
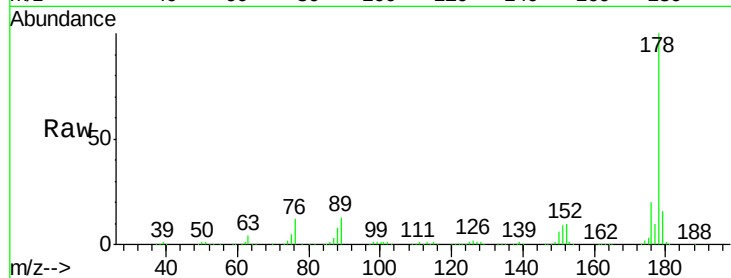
#71
 Anthracene
 Concen: 52.53 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF090078.D
 Acq: 15 Sep 2016 4:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion:178 Resp: 1619634
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.6
 179 16.2 12.6 19.0

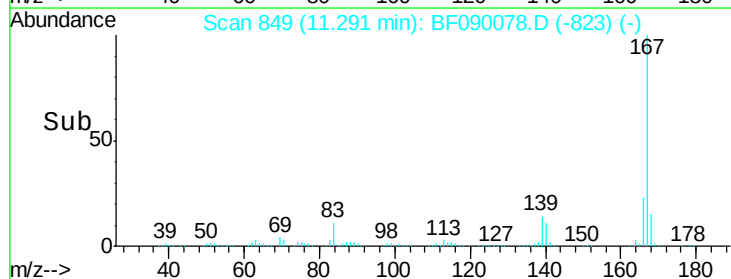
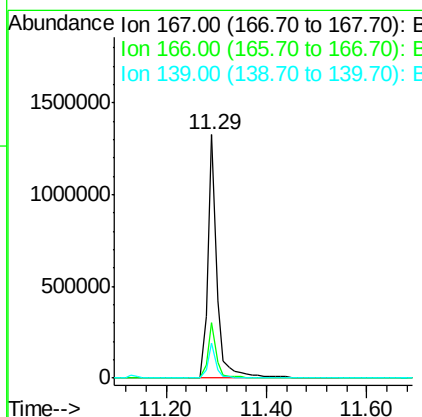
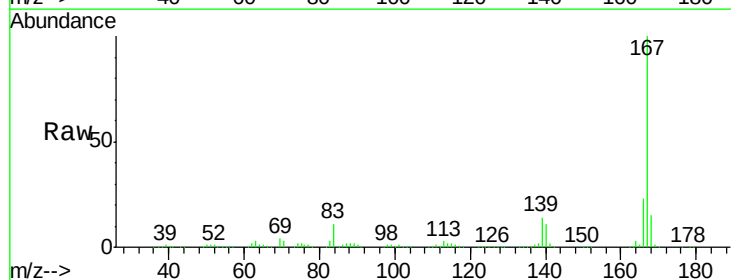
Manual Integrations
 APPROVED

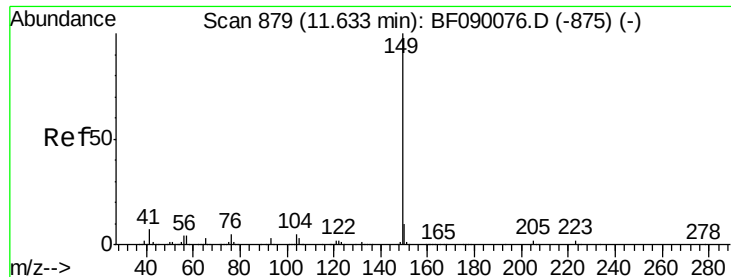
sohil
 9/15/2016 12:51:55 PM



#72
 Carbazole
 Concen: 50.82 ng
 RT: 11.29 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF090078.D
 Acq: 15 Sep 2016 4:34

Tgt Ion:167 Resp: 1665345
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.0 27.0
 139 14.3 10.4 15.6





#73

Di-n-butylphthalate

Concen: 56.98 ng

RT: 11.65 min Scan# 880

Delta R.T. 0.01 min

Lab File: BF090078.D

Acq: 15 Sep 2016 4:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tgt Ion:149 Resp: 2060164

Ion Ratio Lower Upper

149 100

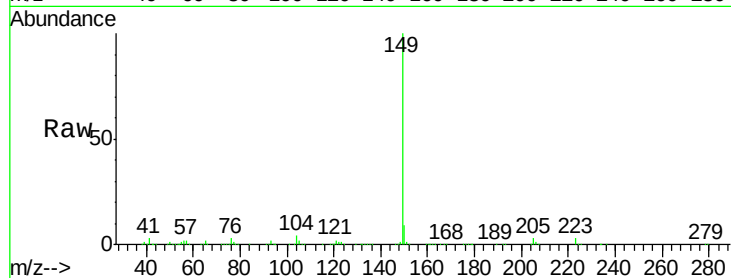
150 9.2 7.8 11.8

104 3.5 3.9 5.9#

Manual Integrations
APPROVED

sohil

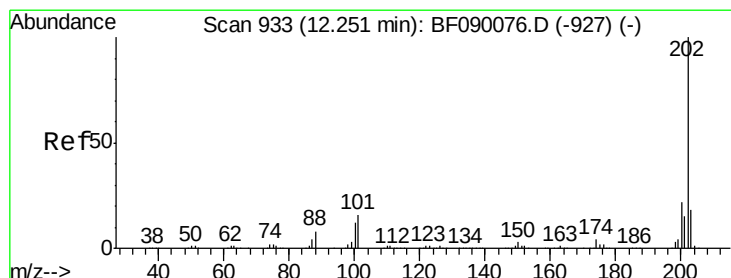
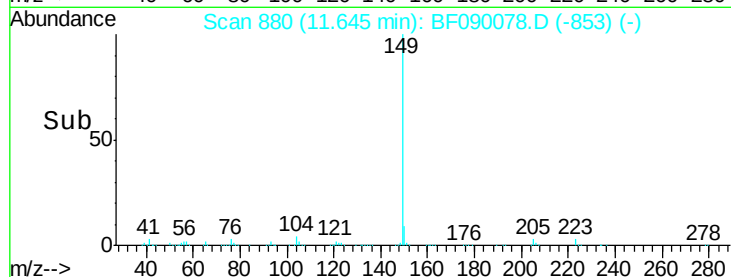
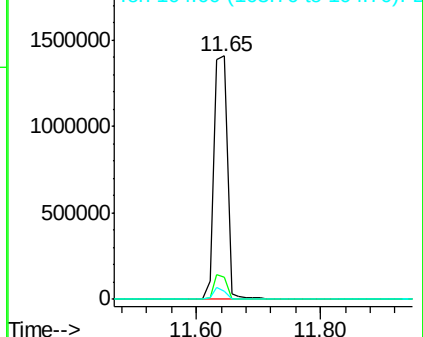
9/15/2016 12:51:55 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 55.31 ng

RT: 12.25 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF090078.D

Acq: 15 Sep 2016 4:34

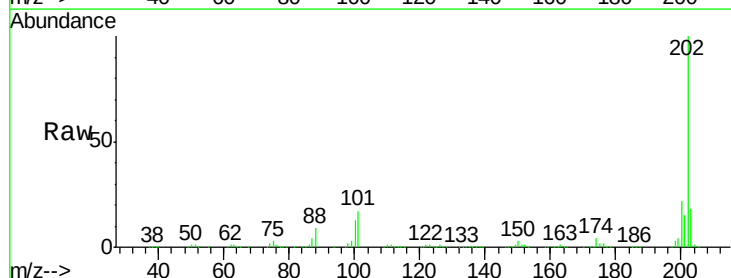
Tgt Ion:202 Resp: 1683999

Ion Ratio Lower Upper

202 100

101 17.4 0.0 36.1

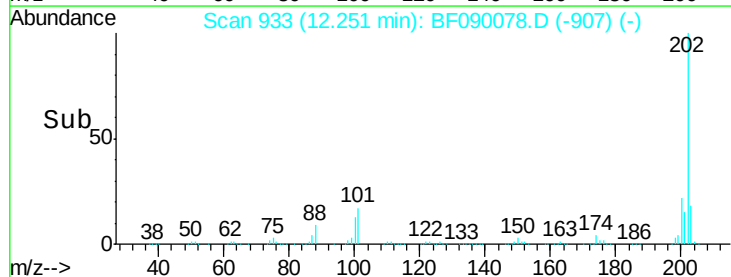
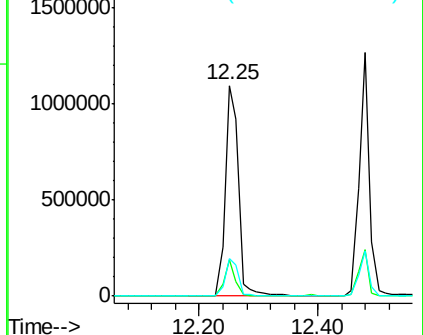
203 18.1 0.0 38.2

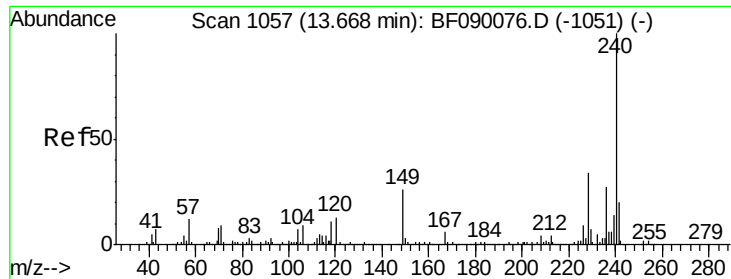


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.67 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF090078.D

Acq: 15 Sep 2016 4:34

Instrument :

BNA_F

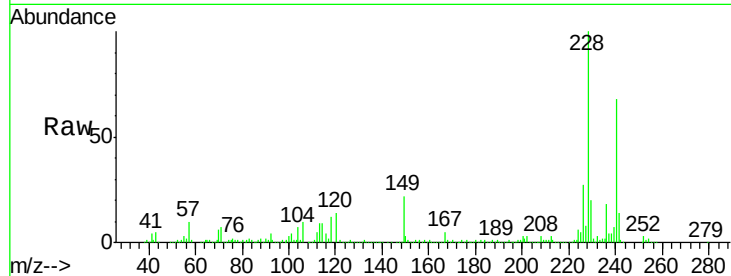
ClientSampleId :

SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	376755		
120	20.2	10.6	16.0	
236	26.4	21.6	32.4	

Manual Integrations
APPROVED

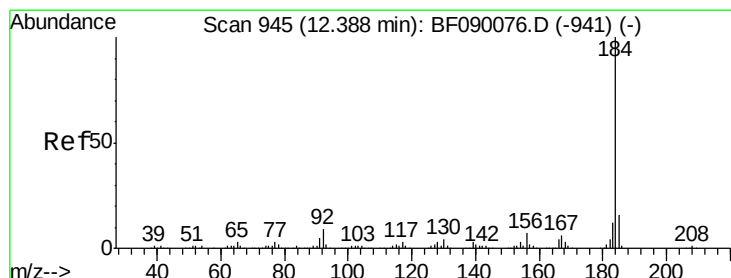
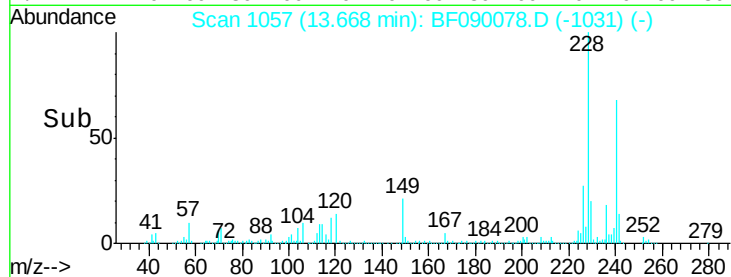
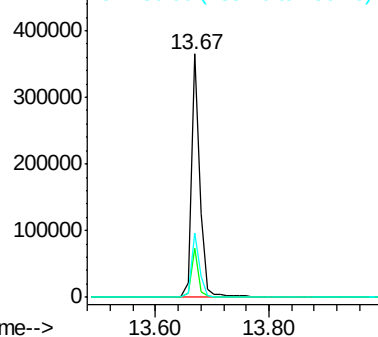
sohil
9/15/2016 12:51:55 PM



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



#76

Benzidine

Concen: 58.23 ng

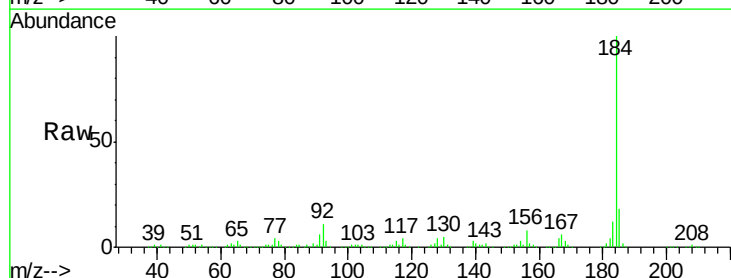
RT: 12.39 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF090078.D

Acq: 15 Sep 2016 4:34

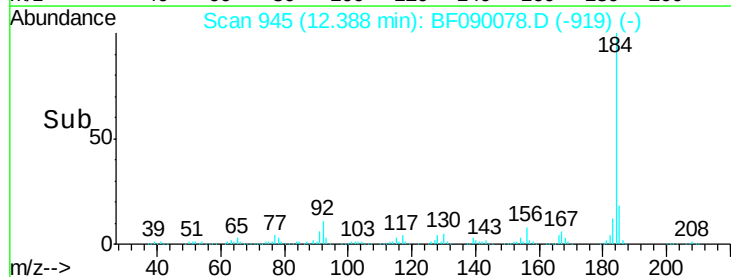
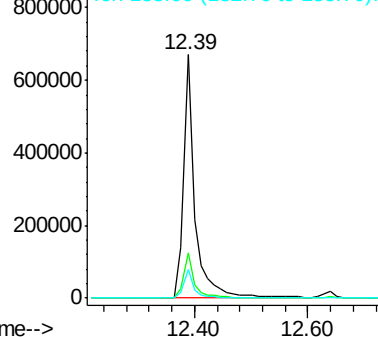
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	903465		
185	18.4	13.2	19.8	
183	11.5	9.2	13.8	

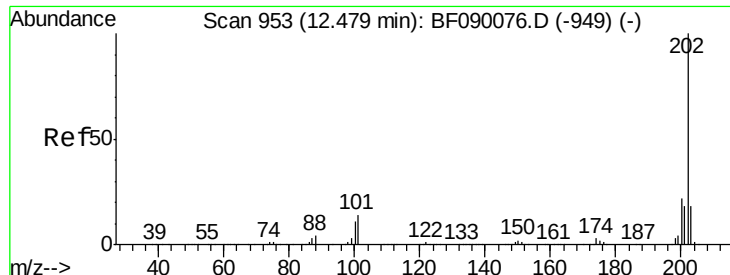


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





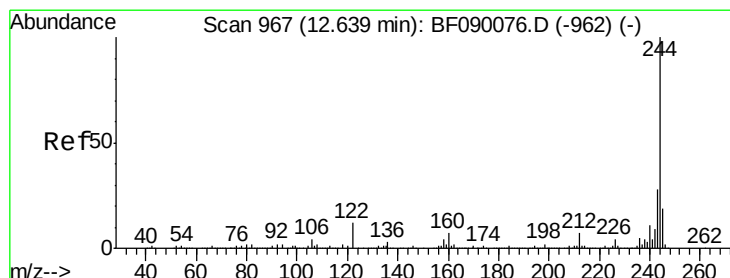
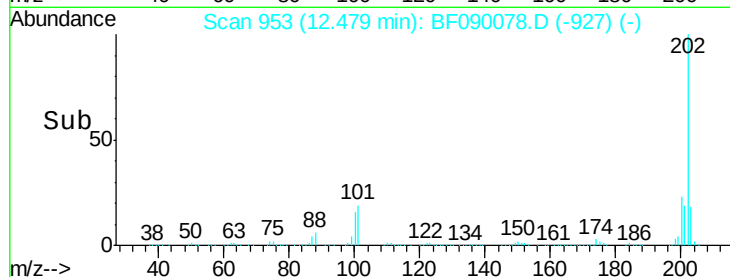
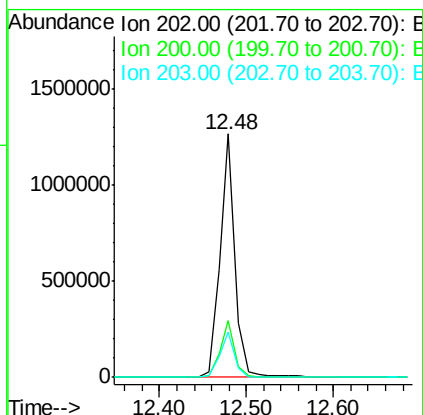
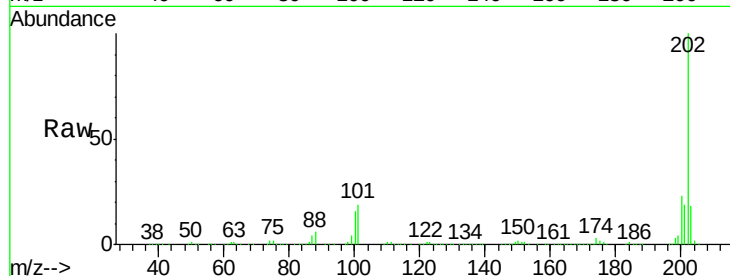
#77
 Pyrene
 Concen: 57.47 ng
 RT: 12.48 min Scan# 953
 Delta R.T. 0.00 min
 Lab File: BF090078.D
 Acq: 15 Sep 2016 4:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.3	17.9	26.9
203	18.5	14.2	21.4

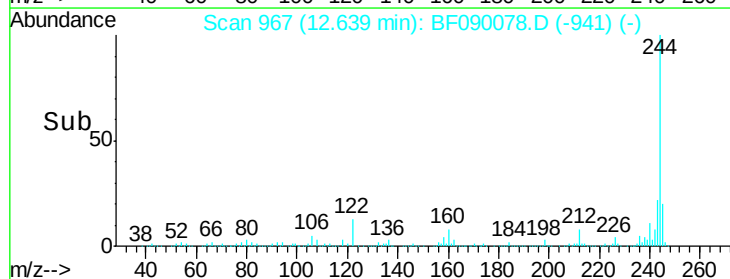
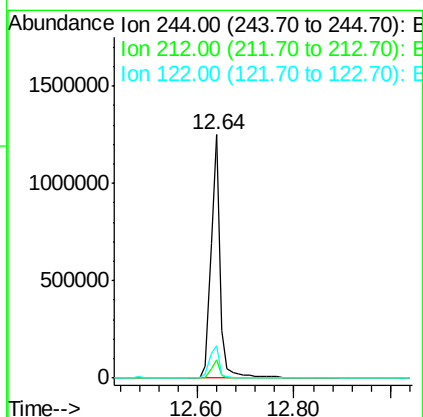
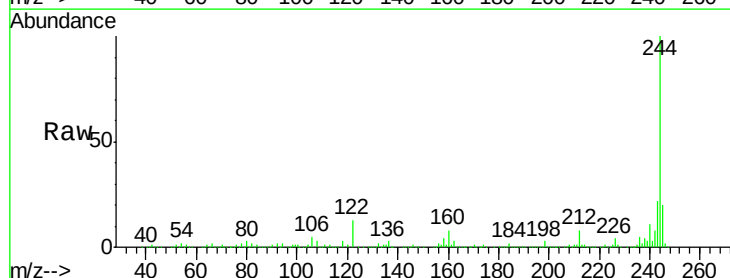
Manual Integrations
 APPROVED

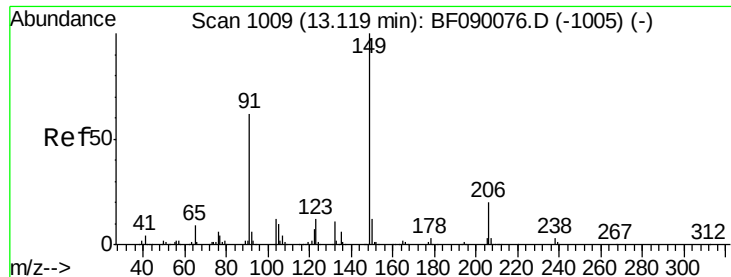
sohil
 9/15/2016 12:51:55 PM



#78
 Terphenyl-d14
 Concen: 110.84 ng
 RT: 12.64 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: BF090078.D
 Acq: 15 Sep 2016 4:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	13.3	9.4	14.0





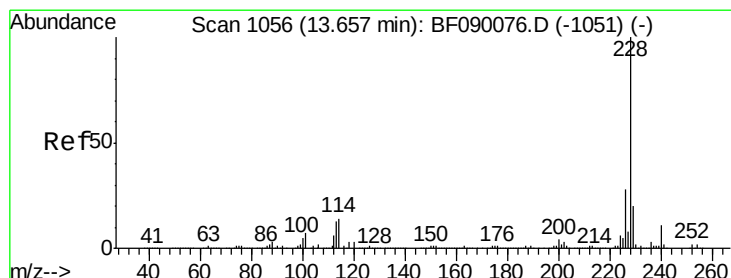
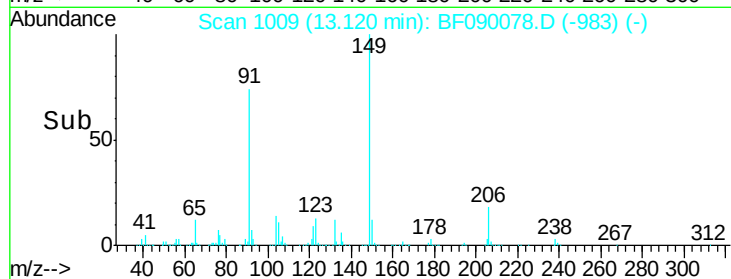
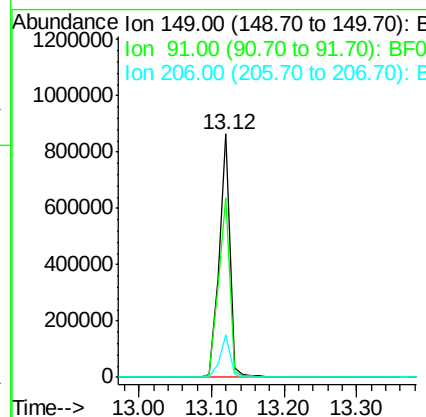
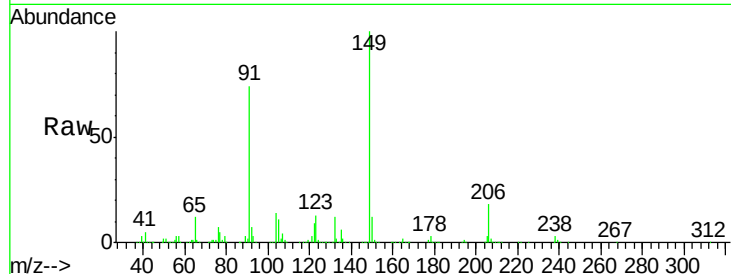
#79
Butylbenzylphthalate
Concen: 66.82 ng
RT: 13.12 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF090078.D
Acq: 15 Sep 2016 4:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	889229		
91	74.0	49.8	74.6	
206	17.6	16.3	24.5	

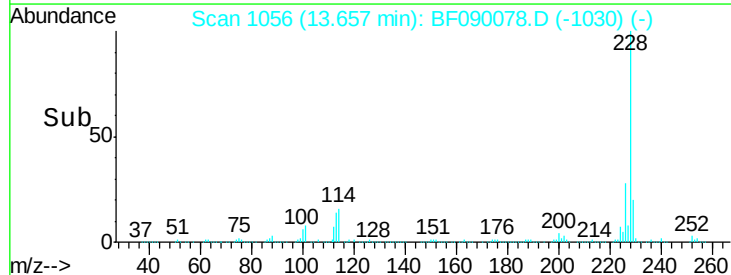
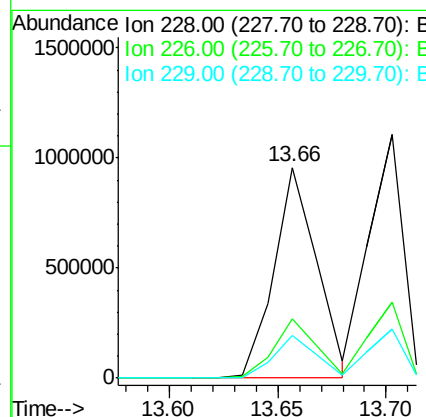
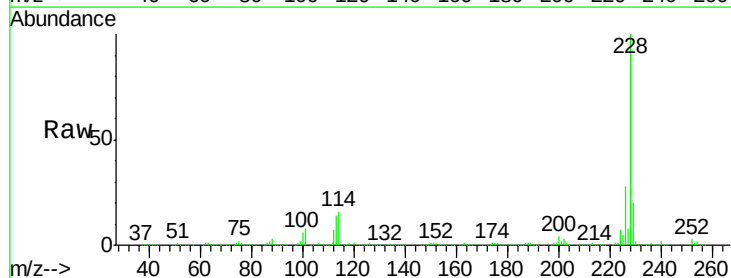
Manual Integrations
APPROVED

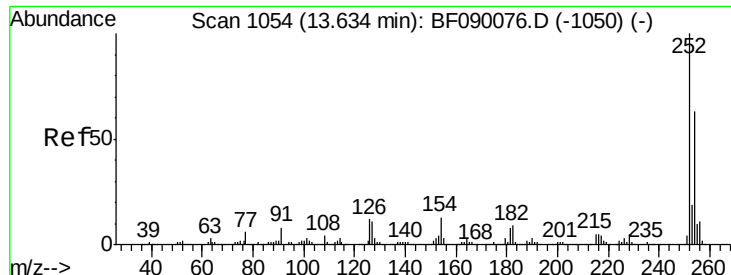
sohil
9/15/2016 12:51:55 PM



#80
Benzo(a)anthracene
Concen: 62.12 ng
RT: 13.66 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF090078.D
Acq: 15 Sep 2016 4:34

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1321370		
226	27.9	22.0	33.0	
229	20.3	16.2	24.2	





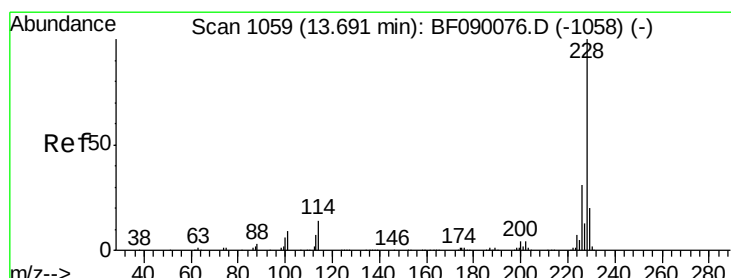
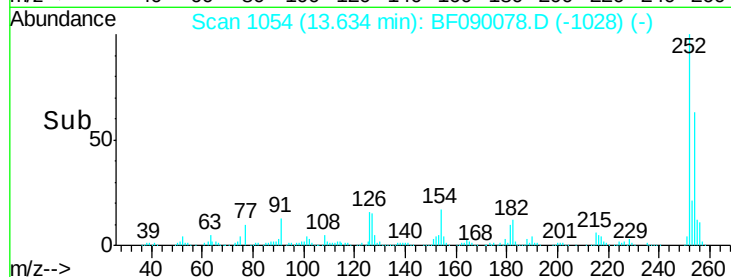
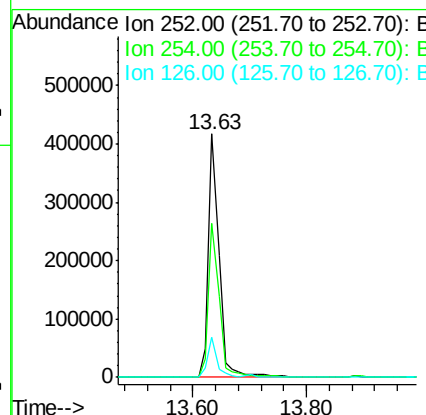
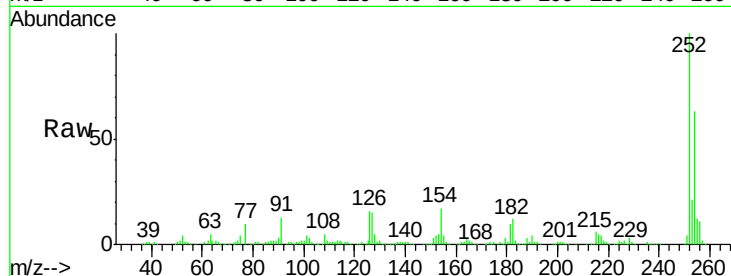
#81
 3,3'-Dichlorobenzidine
 Concen: 58.24 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF090078.D
 Acq: 15 Sep 2016 4:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.5	50.7	76.1
126	16.2	9.2	13.8

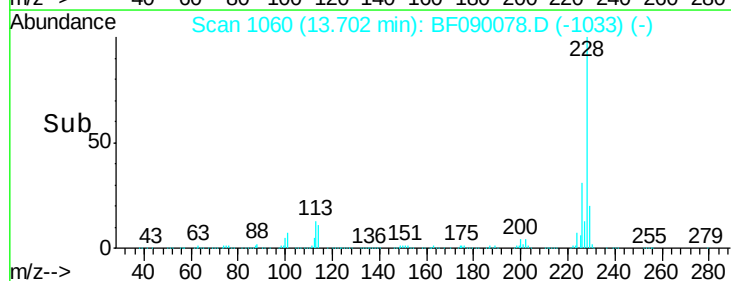
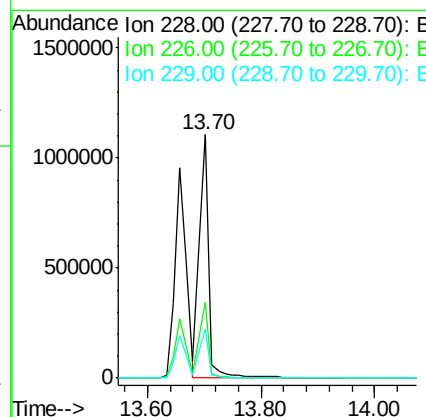
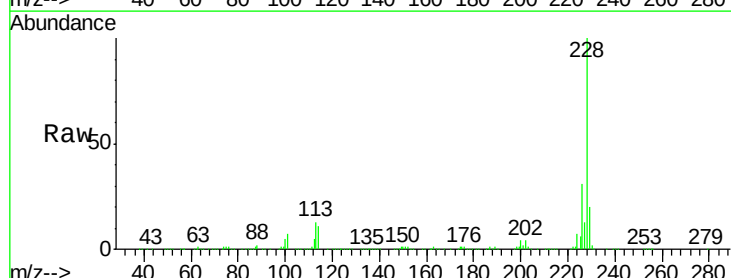
Manual Integrations
 APPROVED

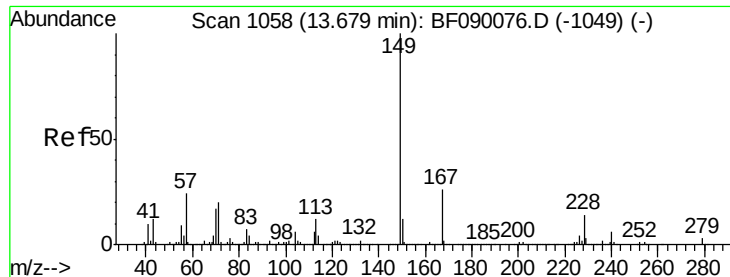
sohil
 9/15/2016 12:51:55 PM



#82
 Chrysene
 Concen: 62.20 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: BF090078.D
 Acq: 15 Sep 2016 4:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.0	24.6	37.0
229	20.3	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 59.88 ng

RT: 13.68 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BF090078.D

Acq: 15 Sep 2016 4:34

Instrument :

BNA_F

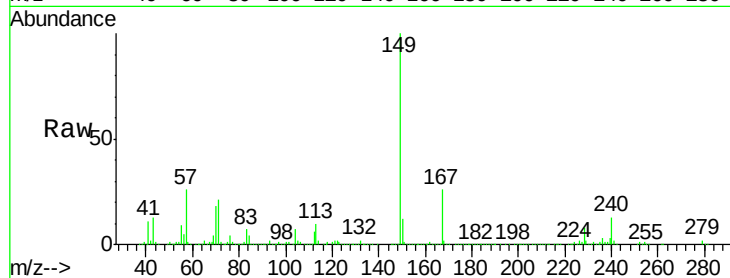
ClientSampleId :

SSTDIC060

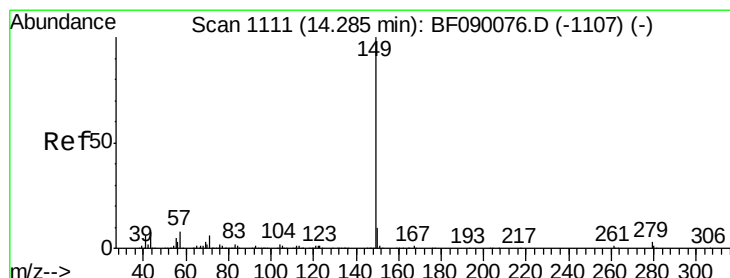
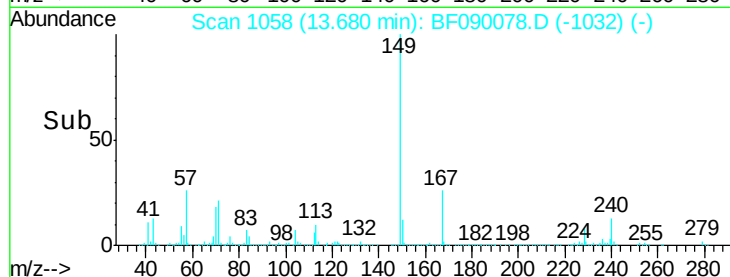
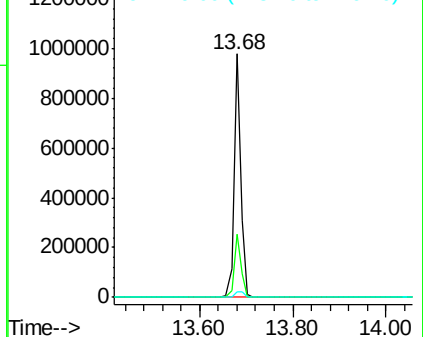
Tgt Ion:	149	Resp:	985324
Ion Ratio	Lower	Upper	
149	100		
167	25.7	21.2	31.8
279	2.5	2.2	3.2

Manual Integrations
APPROVED

sohil
9/15/2016 12:51:55 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 63.03 ng

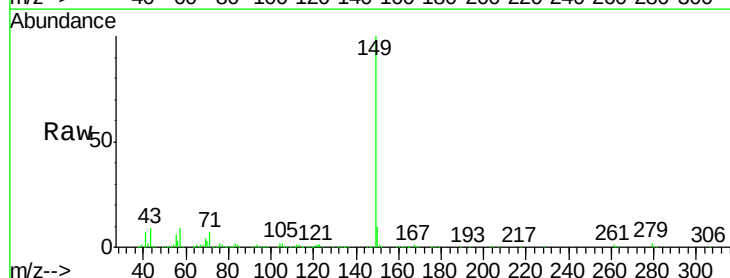
RT: 14.29 min Scan# 1111

Delta R.T. 0.00 min

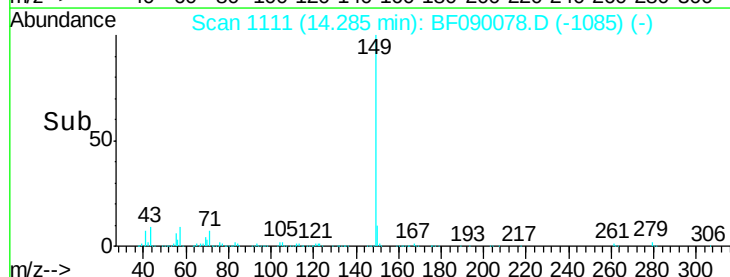
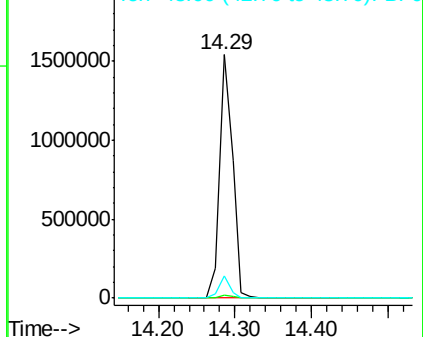
Lab File: BF090078.D

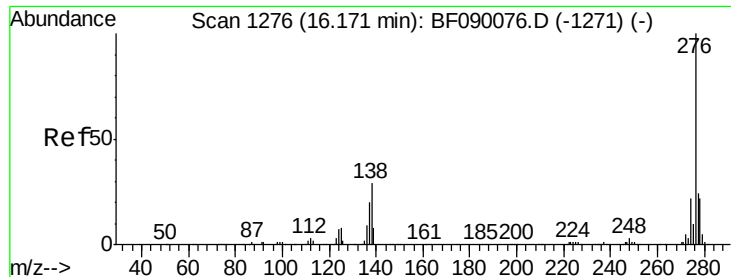
Acq: 15 Sep 2016 4:34

Tgt Ion:	149	Resp:	1832374
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	7.9	6.8	10.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





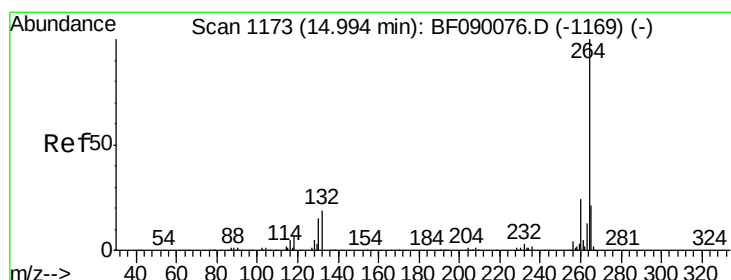
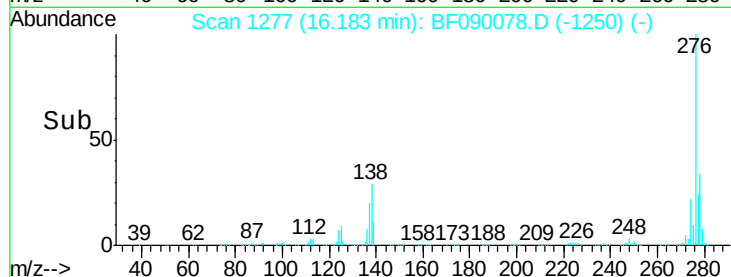
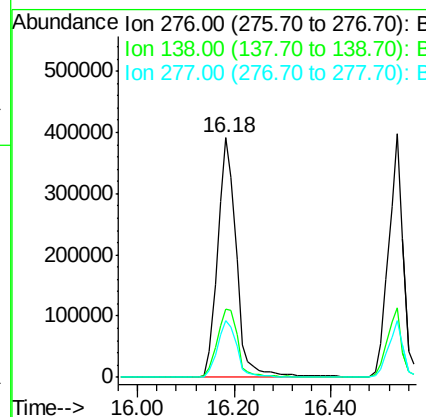
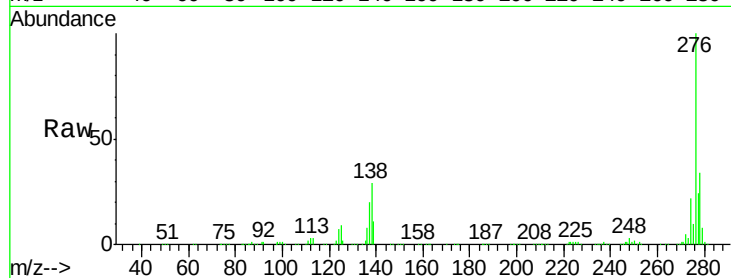
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 59.49 ng
 RT: 16.18 min Scan# 1277
 Delta R.T. 0.01 min
 Lab File: BF090078.D
 Acq: 15 Sep 2016 4:34

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC060

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.7	25.9	38.9
277	24.8	19.9	29.9

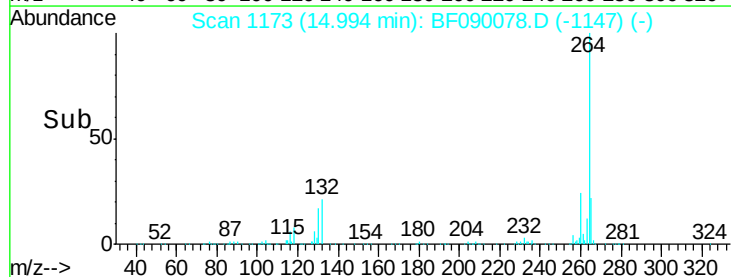
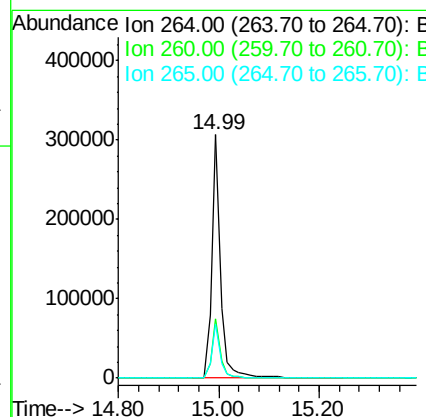
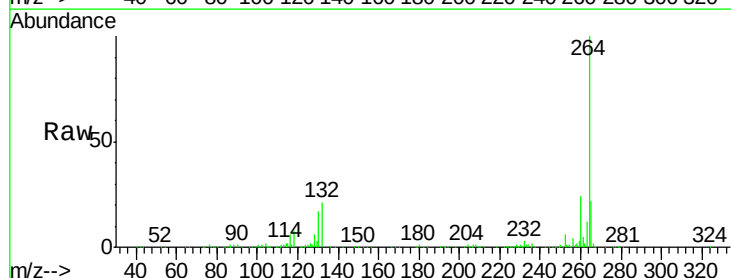
Manual Integrations
 APPROVED

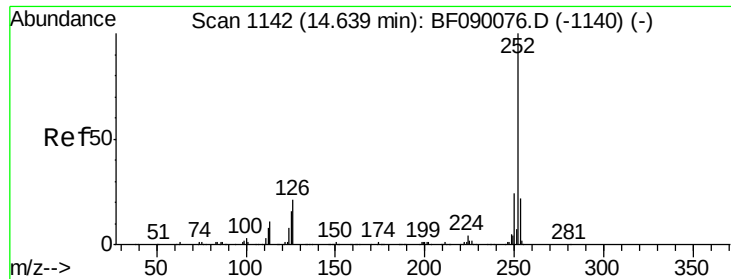
sohil
 9/15/2016 12:51:55 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF090078.D
 Acq: 15 Sep 2016 4:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	22.2	17.0	25.4





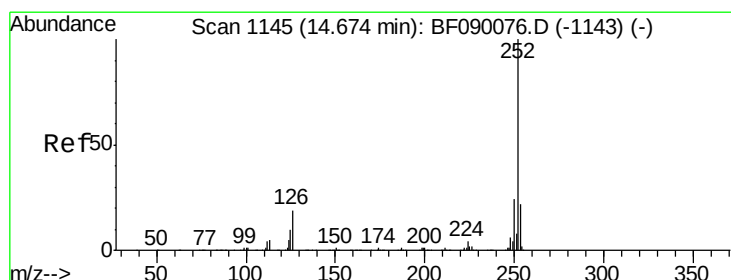
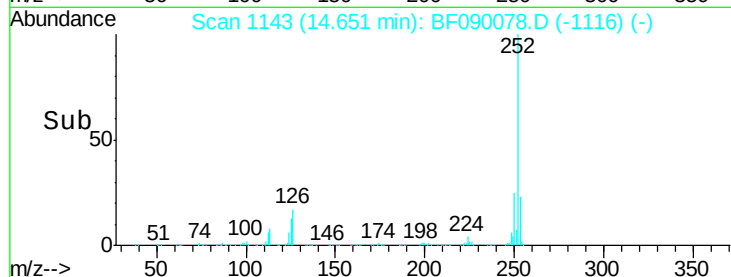
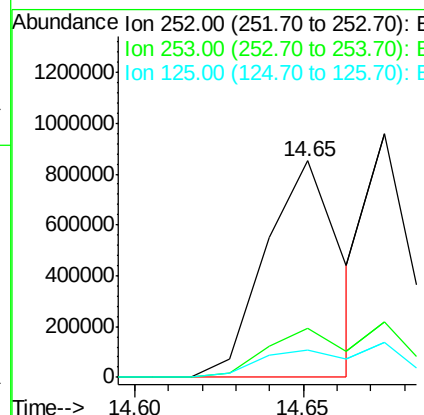
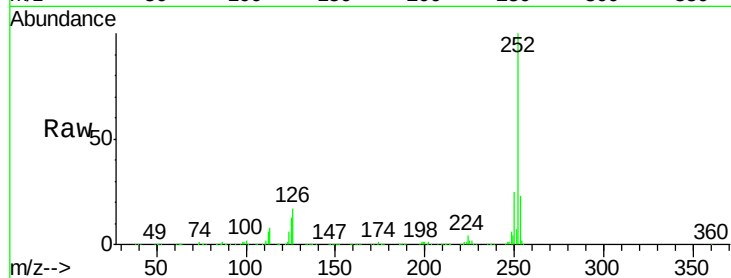
#87
Benzo(b)fluoranthene
Concen: 58.65 ng m
RT: 14.65 min Scan# 1143
Delta R.T. 0.01 min
Lab File: BF090078.D
Acq: 15 Sep 2016 4:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion:252 Resp: 1314270
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 12.5 12.7 19.1#

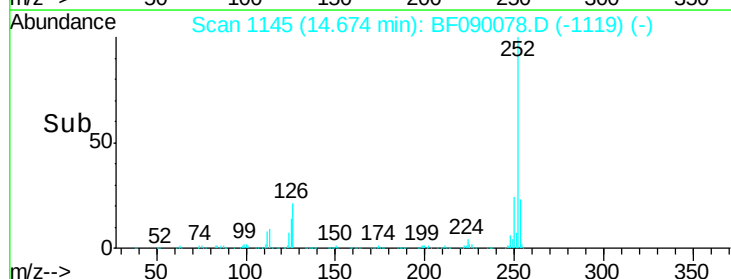
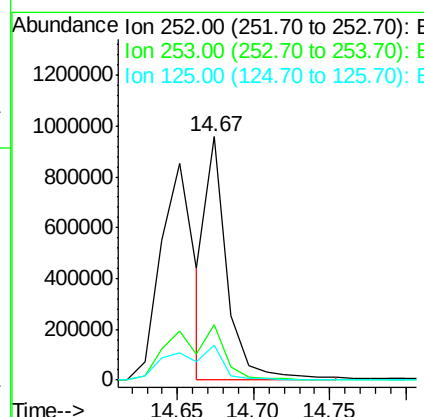
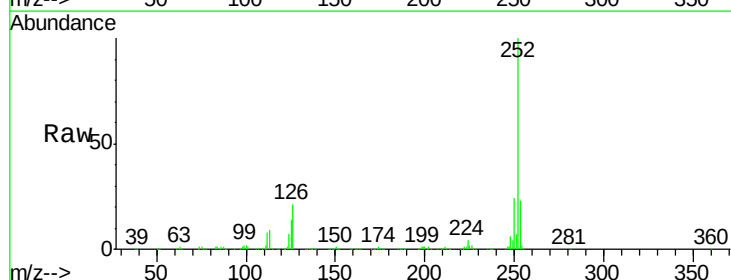
Manual Integrations
APPROVED

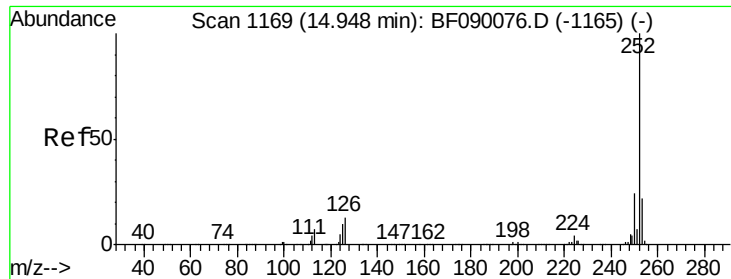
sohil
9/15/2016 12:51:55 PM



#88
Benzo(k)fluoranthene
Concen: 51.11 ng m
RT: 14.67 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF090078.D
Acq: 15 Sep 2016 4:34

Tgt Ion:252 Resp: 936813
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 14.4 7.8 11.6#





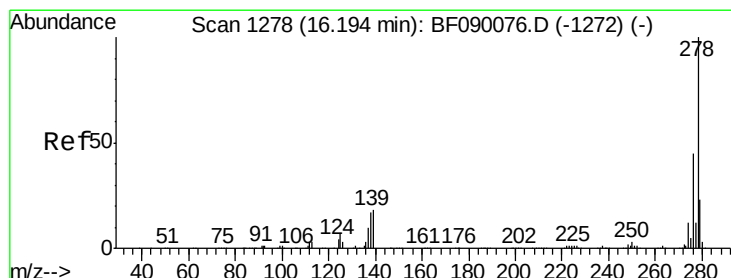
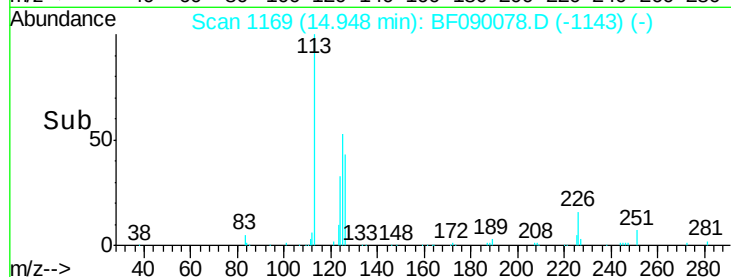
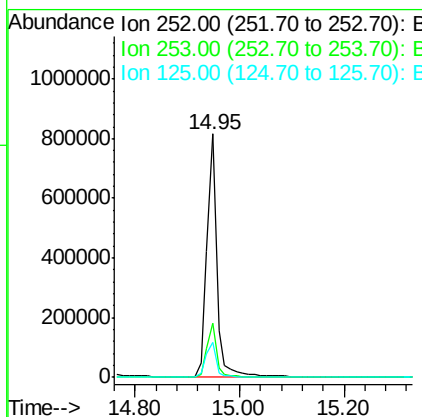
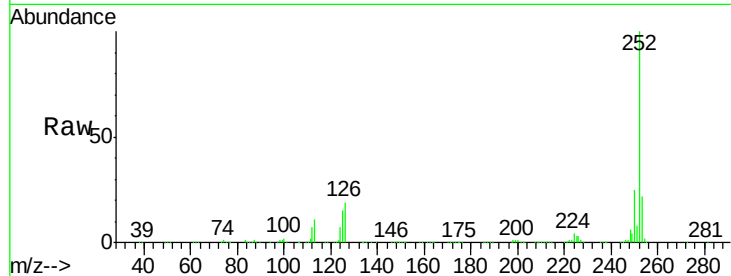
#89
Benzo(a)pyrene
Concen: 54.92 ng
RT: 14.95 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF090078.D
Acq: 15 Sep 2016 4:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	14.5	7.7	11.5

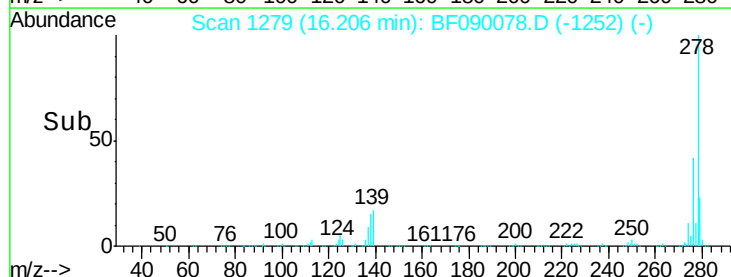
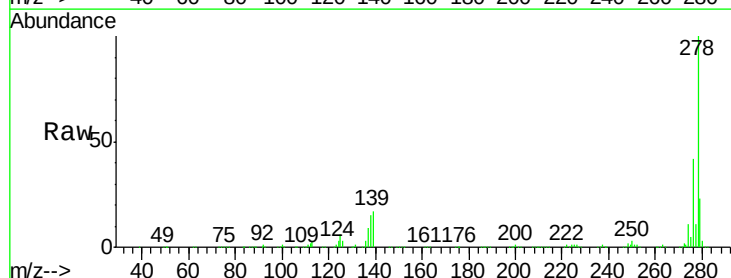
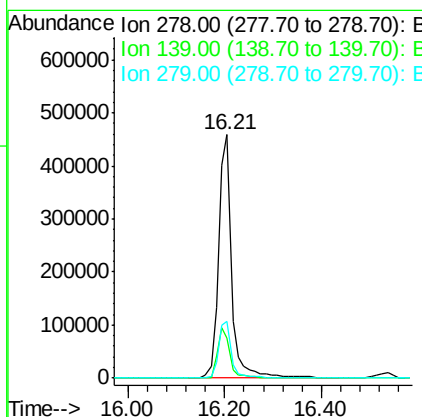
Manual Integrations
APPROVED

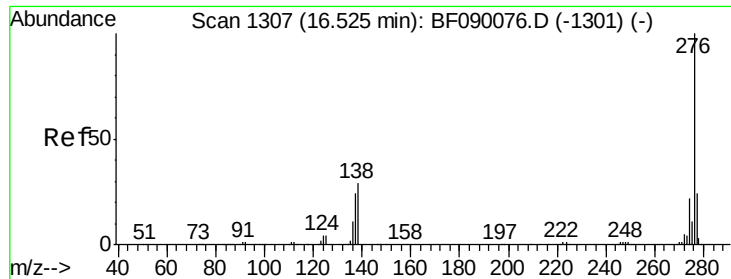
sohil
9/15/2016 12:51:55 PM



#90
Dibenzo(a,h)anthracene
Concen: 56.14 ng
RT: 16.21 min Scan# 1279
Delta R.T. 0.01 min
Lab File: BF090078.D
Acq: 15 Sep 2016 4:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.6	14.6	21.8
279	23.5	18.8	28.2





#91
 Benzo(g,h,i)perylene
 Concen: 57.65 ng
 RT: 16.54 min Scan# 1308
 Delta R.T. 0.01 min
 Lab File: BF090078.D
 Acq: 15 Sep 2016 4:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion:	276	Resp:	856144
Ion Ratio		Lower	Upper
276	100		
277	23.4	18.9	28.3
138	28.4	23.3	34.9

Manual Integrations
 APPROVED

sohil
 9/15/2016 12:51:55 PM

