

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
 Data File : BF091390.D
 Acq On : 2 Dec 2016 15:44
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

sohil
 12/5/2016 11:20:48 AM

Quant Time: Dec 02 22:27:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	164603	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	672672	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	372653	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	681671	20.00	ng	-0.02
75) Chrysene-d12	14.03	240	520829	20.00	ng	-0.02
86) Perylene-d12	15.44	264	440747	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	780044	77.42	ng	-0.02
7) Phenol-d6	6.49	99	1012823	81.66	ng	0.00
23) Nitrobenzene-d5	7.43	82	1000518	83.35	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	278319	78.89	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1575366	76.54	ng	-0.02
78) Terphenyl-d14	12.97	244	1920022	80.13	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	172438	37.83	ng	# 87
3) Pyridine	3.17	79	513918	39.84	ng	86
4) n-Nitrosodimethylamine	3.11	42	274999	40.63	ng	98
6) Aniline	6.52	93	650049	39.45	ng	# 73
8) 2-Chlorophenol	6.64	128	425196	38.49	ng	83
9) Benzaldehyde	6.40	77	285821	35.83	ng	90
10) Phenol	6.50	94	632375	43.33	ng	95
11) bis(2-Chloroethyl)ether	6.60	93	398178	38.18	ng	96
12) 1,3-Dichlorobenzene	6.80	146	490854	39.94	ng	99
13) 1,4-Dichlorobenzene	6.88	146	495400	40.53	ng	97
14) 1,2-Dichlorobenzene	7.03	146	426616	37.47	ng	99
15) Benzyl Alcohol	7.01	79	431007	43.42	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	889456	39.67	ng	72
17) 2-Methylphenol	7.11	107	354524	40.60	ng	# 75
18) Hexachloroethane	7.37	117	166033	38.25	ng	# 84
19) n-Nitroso-di-n-propylamine	7.28	70	328299	42.01	ng	# 94
20) 3+4-Methylphenols	7.27	107	415083	38.94	ng	# 67
22) Acetophenone	7.27	105	588699	36.92	ng	# 73
24) Nitrobenzene	7.44	77	442936	36.04	ng	94
25) Isophorone	7.69	82	839152	39.46	ng	# 94
26) 2-Nitrophenol	7.76	139	239773	42.81	ng	92
27) 2,4-Dimethylphenol	7.80	122	384117	36.66	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	507435	39.64	ng	100
29) 2,4-Dichlorophenol	8.00	162	358227	38.87	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	415188	40.18	ng	# 96
31) Naphthalene	8.17	128	1313132	41.07	ng	99
32) Benzoic acid	7.92	122	338671	43.85	ng	91
33) 4-Chloroaniline	8.22	127	548709	40.15	ng	98
34) Hexachlorobutadiene	8.29	225	233937	36.82	ng	97
35) Caprolactam	8.60	113	118922	44.89	ng	# 86
36) 4-Chloro-3-methylphenol	8.70	107	422915	42.50	ng	96
37) 2-Methylnaphthalene	8.86	142	819213	37.72	ng	93
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	427576	40.70	ng	# 97
40) Hexachlorocyclopentadiene	9.02	237	215604	44.28	ng	98

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
 Data File : BF091390.D
 Acq On : 2 Dec 2016 15:44
 Operator : UM/SJ
 Sample : SSTDC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Manual Integrations
 APPROVED

sohil
 12/5/2016 11:20:48 AM

Quant Time: Dec 02 22:27:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	272170	39.86	ng	99
43) 2,4,5-Trichlorophenol	9.18	196	295499	43.19	ng	93
45) 1,1'-Biphenyl	9.33	154	1108720	41.38	ng	96
46) 2-Chloronaphthalene	9.35	162	811915	40.69	ng	98
47) 2-Nitroaniline	9.44	65	316570	44.17	ng	# 78
48) Acenaphthylene	9.76	152	1180310	37.57	ng	99
49) Dimethylphthalate	9.62	163	906924	40.19	ng	97
50) 2,6-Dinitrotoluene	9.68	165	213345	42.30	ng	91
51) Acenaphthene	9.93	154	827030	39.03	ng	98
52) 3-Nitroaniline	9.85	138	228740	39.19	ng	91
53) 2,4-Dinitrophenol	9.96	184	127661m	57.88	ng	
54) Dibenzofuran	10.10	168	1064686	37.53	ng	98
55) 4-Nitrophenol	10.01	139	201850	47.87	ng	# 64
56) 2,4-Dinitrotoluene	10.08	165	281979	43.10	ng	# 60
57) Fluorene	10.45	166	824605	37.86	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	238371	40.80	ng	97
59) Diethylphthalate	10.33	149	963189	43.24	ng	# 93
60) 4-Chlorophenyl-phenylether	10.45	204	435032	39.82	ng	99
61) 4-Nitroaniline	10.47	138	265757	48.48	ng	98
62) Azobenzene	10.61	77	994073	43.74	ng	97
64) 4,6-Dinitro-2-methylphenol	10.49	198	163167	43.45	ng	# 73
65) n-Nitrosodiphenylamine	10.56	169	774998	37.50	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	282638	38.58	ng	# 70
67) Hexachlorobenzene	11.00	284	292823	36.99	ng	# 84
68) Atrazine	11.09	200	228105	34.08	ng	99
69) Pentachlorophenol	11.19	266	209832	45.02	ng	96
70) Phenanthrene	11.41	178	1247588	35.22	ng	100
71) Anthracene	11.46	178	1438189	40.91	ng	99
72) Carbazole	11.61	167	1298596	40.71	ng	99
73) Di-n-butylphthalate	11.96	149	1508412	41.72	ng	99
74) Fluoranthene	12.60	202	1564676	46.64	ng	98
76) Benzydine	12.71	184	567231	37.10	ng	100
77) Pyrene	12.82	202	1586966	40.15	ng	100
79) Butylbenzylphthalate	13.44	149	613850	41.47	ng	89
80) Benzo(a)anthracene	14.00	228	1237251	40.62	ng	99
81) 3,3'-Dichlorobenzidine	13.98	252	454475	42.36	ng	# 97
82) Chrysene	14.05	228	1325376	43.98	ng	100
83) Bis(2-ethylhexyl)phthalate	14.01	149	854740	45.56	ng	# 92
84) Di-n-octyl phthalate	14.62	149	1395552	49.16	ng	98
85) Indeno(1,2,3-cd)pyrene	16.85	276	1001368	36.28	ng	95
87) Benzo(b)fluoranthene	15.04	252	1195301	43.63	ng	# 95
88) Benzo(k)fluoranthene	15.07	252	923051m	40.07	ng	
89) Benzo(a)pyrene	15.39	252	977187	39.72	ng	97
90) Dibenzo(a,h)anthracene	16.87	278	845944	37.18	ng	# 94
91) Benzo(g,h,i)perylene	17.27	276	850769	36.26	ng	99

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

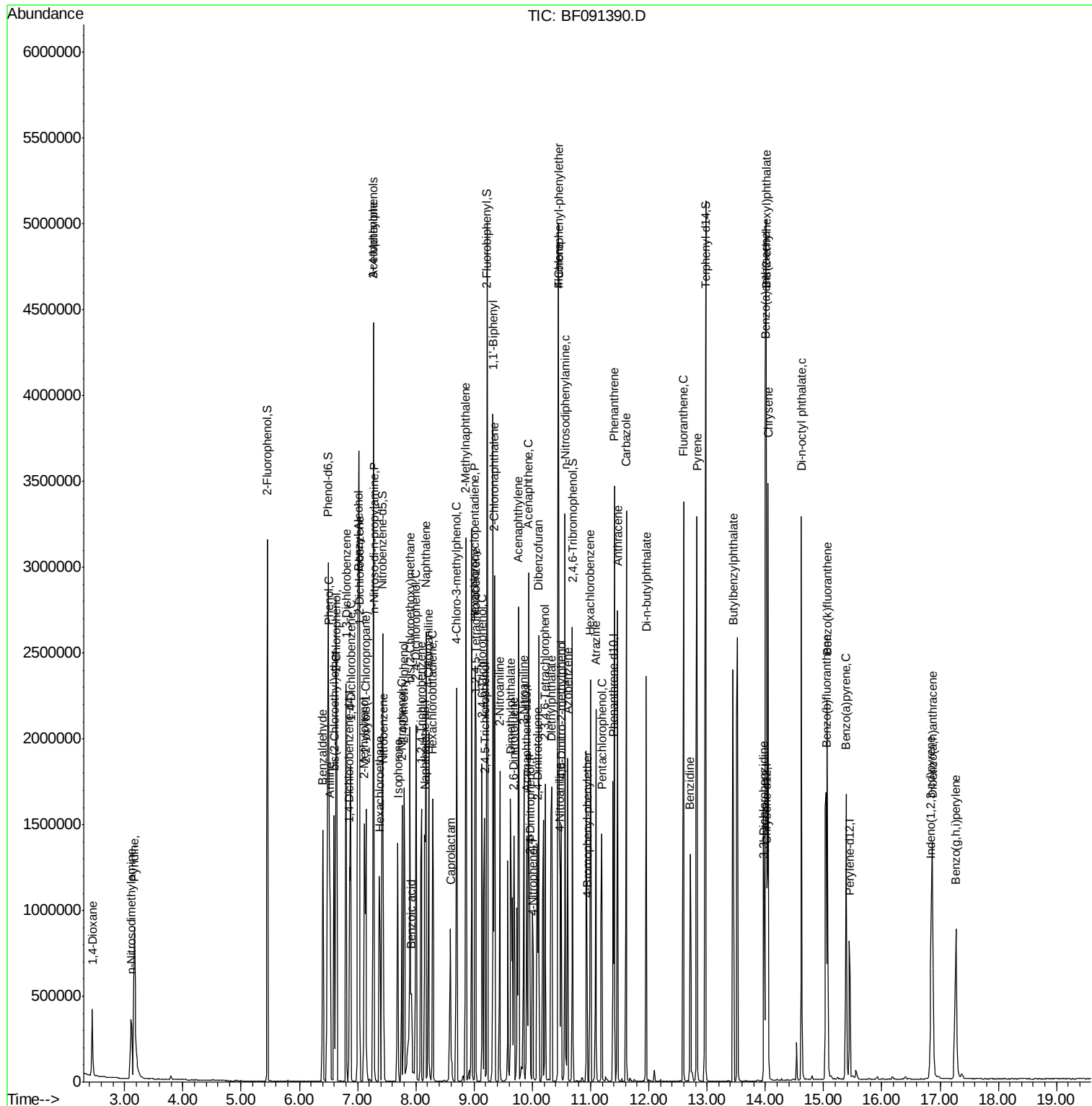
```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\  
Data File : BF091390.D  
Acq On    : 2 Dec 2016 15:44  
Operator  : UM/SJ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2 Sample Multiplier: 1
```

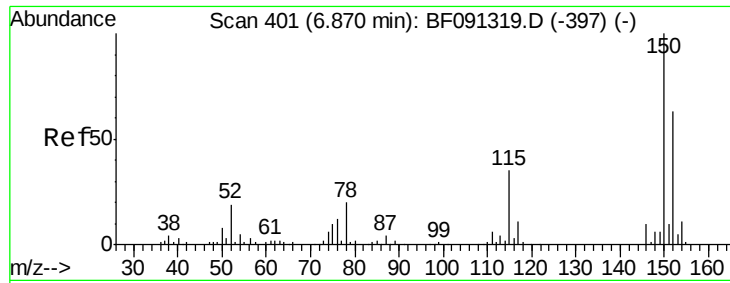
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

sohil
12/5/2016 11:20:48 AM

Quant Time: Dec 02 22:27:28 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration





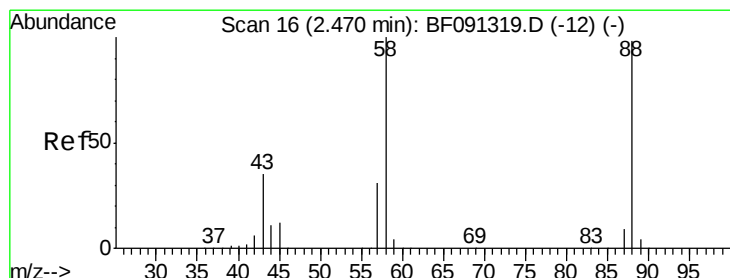
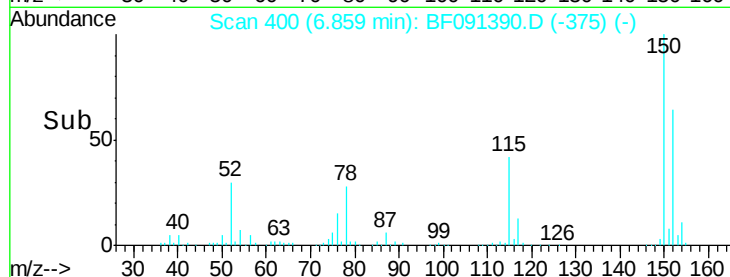
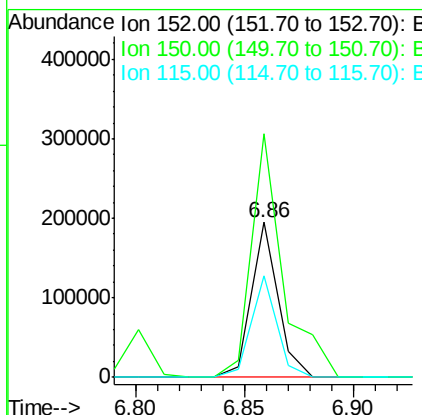
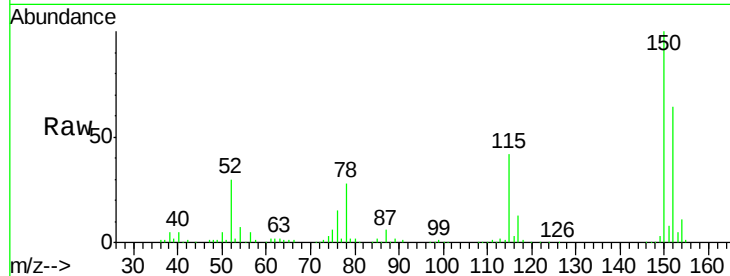
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF091390.D
Acq: 2 Dec 2016 15:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.1	122.5	183.7
115	65.6	51.8	77.8

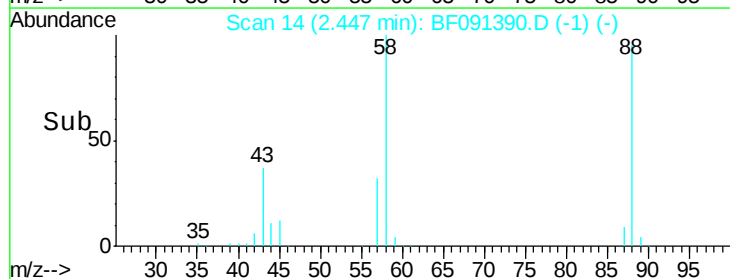
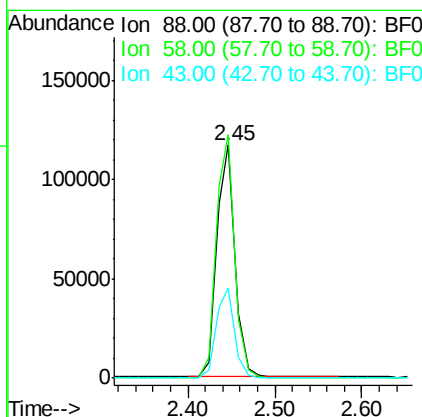
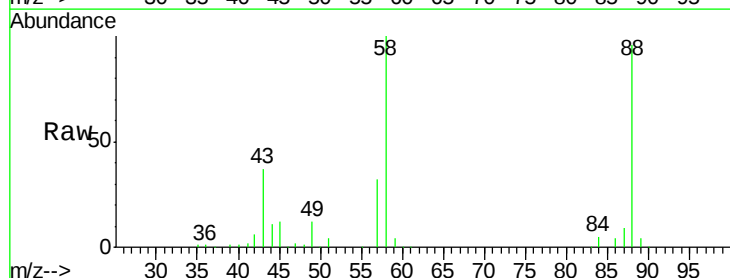
Manual Integrations
APPROVED

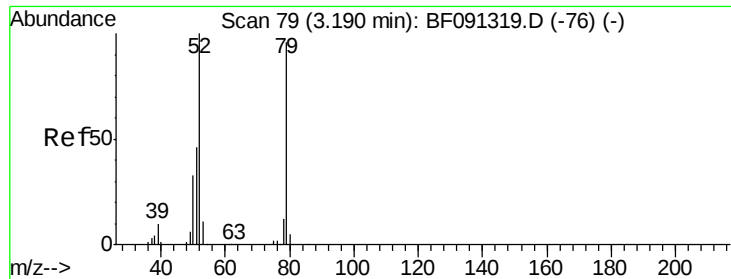
sohil
12/5/2016 11:20:48 AM



#2
1,4-Dioxane
Concen: 37.83 ng
RT: 2.45 min Scan# 14
Delta R.T. -0.05 min
Lab File: BF091390.D
Acq: 2 Dec 2016 15:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	105.5	70.3	105.5#
43	38.9	31.3	46.9





#3

Pyridine

Concen: 39.84 ng

RT: 3.17 min Scan# 77

Delta R.T. -0.05 min

Lab File: BF091390.D

Acq: 2 Dec 2016 15:44

Instrument :

BNA_F

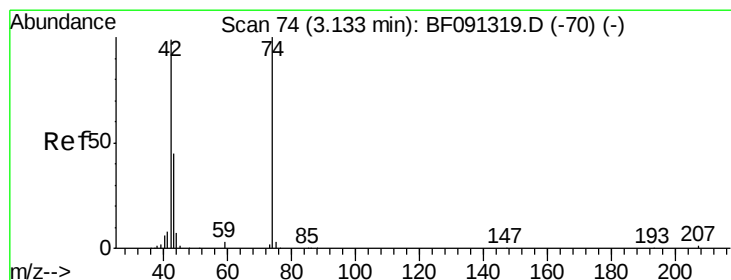
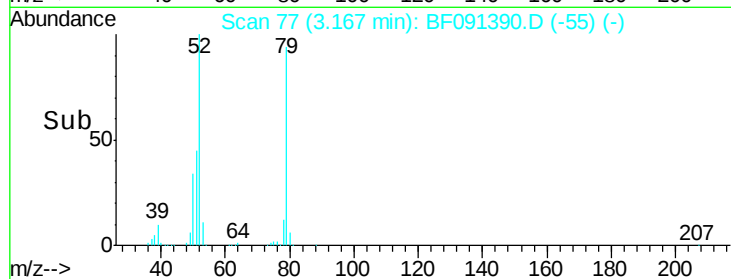
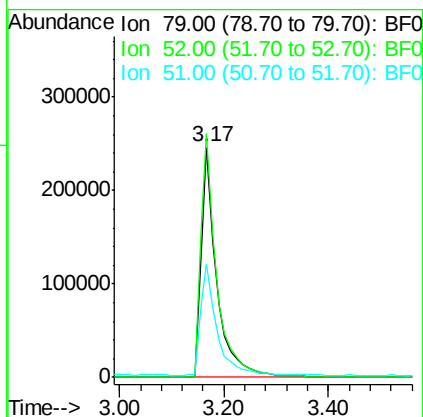
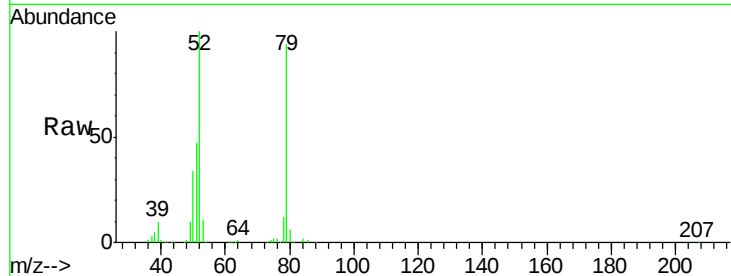
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	513918
Ion	Ratio	Lower	Upper
79	100		
52	106.0	71.0	106.4
51	49.3	37.0	55.4

Manual Integrations
APPROVED

sohil
12/5/2016 11:20:48 AM



#4

n-Nitrosodimethylamine

Concen: 40.63 ng

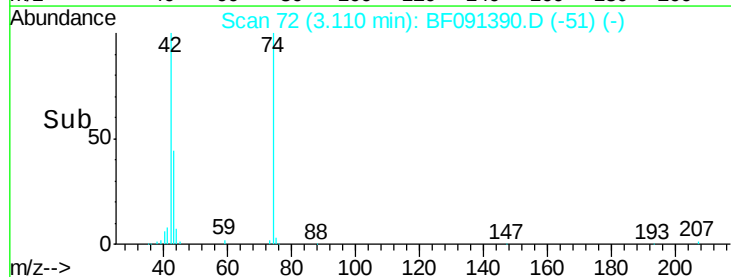
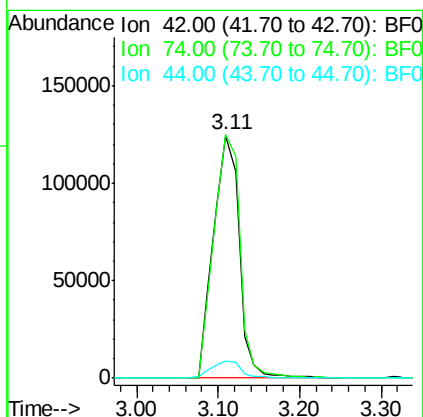
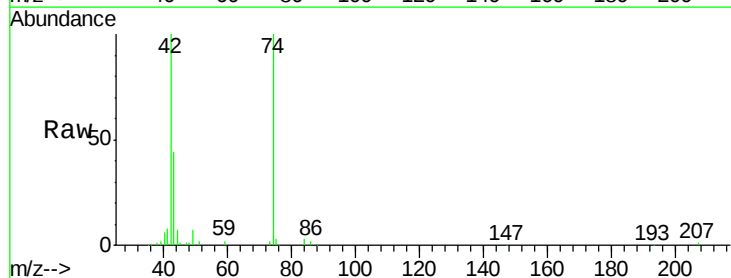
RT: 3.11 min Scan# 72

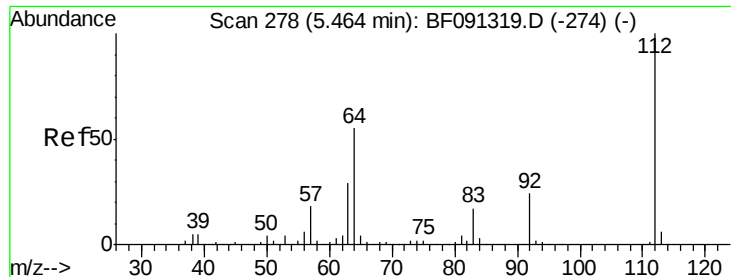
Delta R.T. -0.06 min

Lab File: BF091390.D

Acq: 2 Dec 2016 15:44

Tgt Ion:	42	Resp:	274999
Ion	Ratio	Lower	Upper
42	100		
74	100.4	78.9	118.3
44	7.3	5.8	8.6





#5

2-Fluorophenol

Concen: 77.42 ng

RT: 5.45 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF091390.D

Acq: 2 Dec 2016 15:44

Instrument :

BNA_F

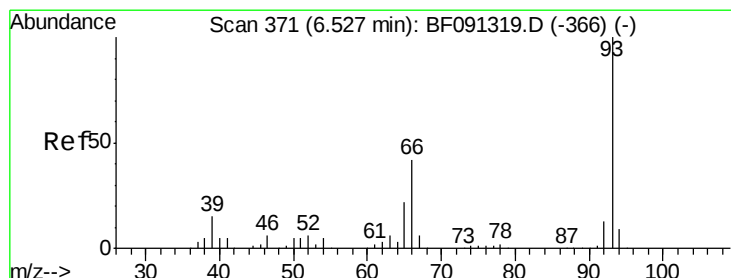
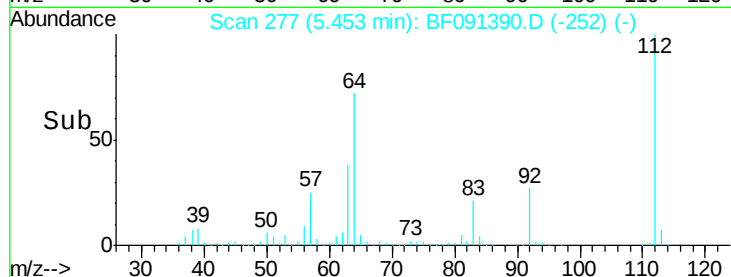
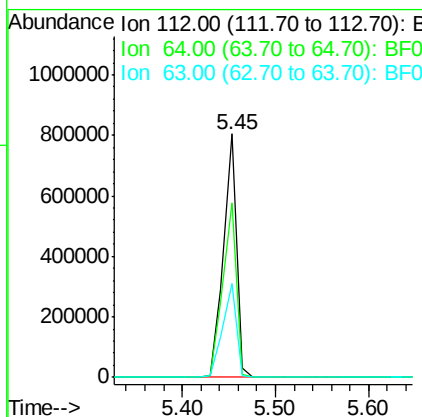
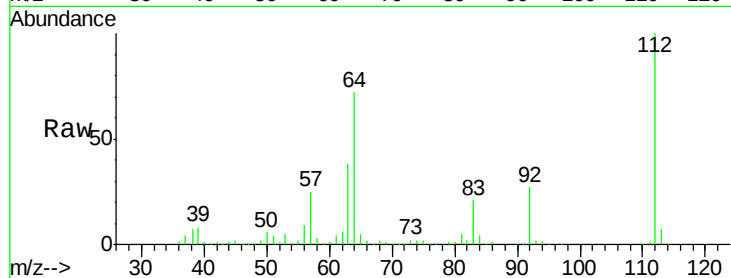
ClientSampleId :

SSTDCCC040

Tgt Ion:	112	Resp:	780044
Ion Ratio	Lower	Upper	
112	100		
64	71.7	61.5	92.3
63	38.3	33.3	49.9

Manual Integrations
APPROVED

sohil
12/5/2016 11:20:48 AM



#6

Aniline

Concen: 39.45 ng

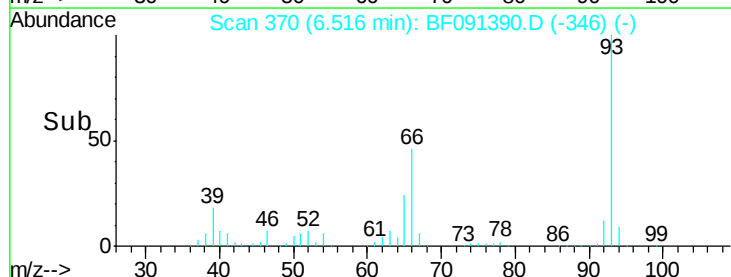
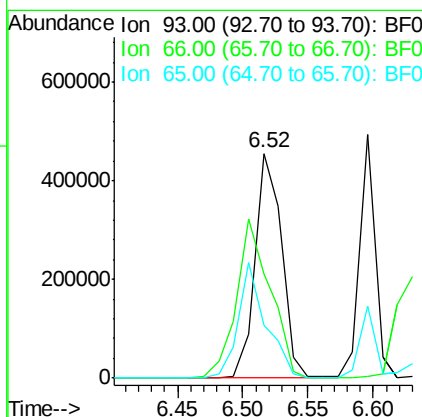
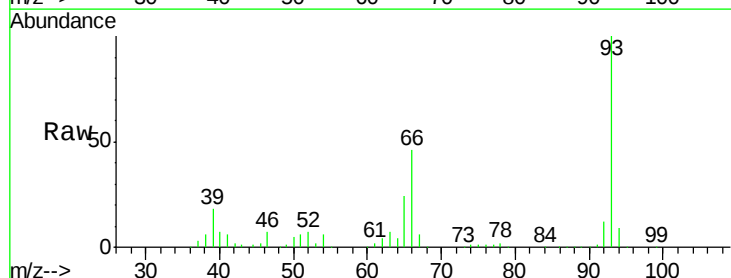
RT: 6.52 min Scan# 370

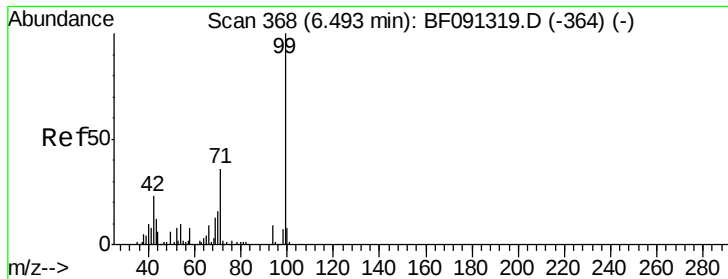
Delta R.T. -0.03 min

Lab File: BF091390.D

Acq: 2 Dec 2016 15:44

Tgt Ion:	93	Resp:	650049
Ion Ratio	Lower	Upper	
93	100		
66	46.3	55.8	83.6#
65	23.7	29.9	44.9#





#7

Phenol-d6

Concen: 81.66 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091390.D

Acq: 2 Dec 2016 15:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1012823

Ion Ratio Lower Upper

99 100

42 22.3 20.6 31.0

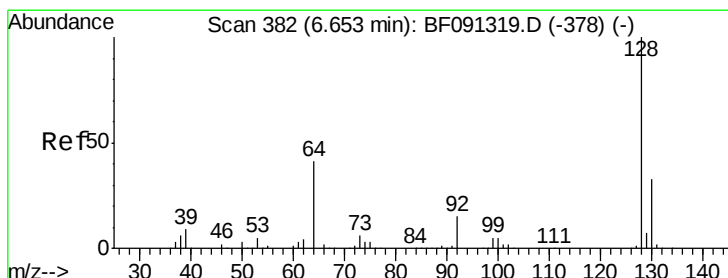
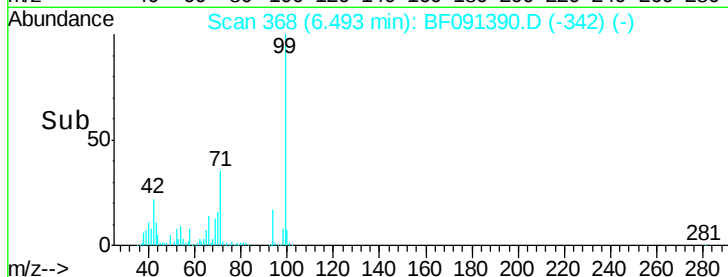
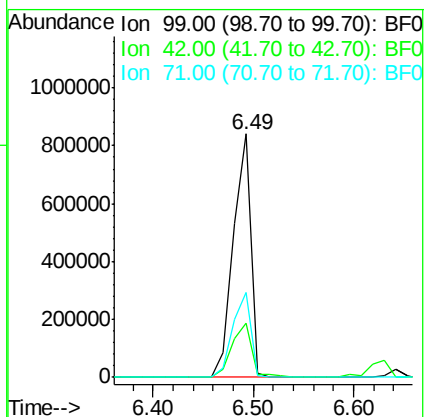
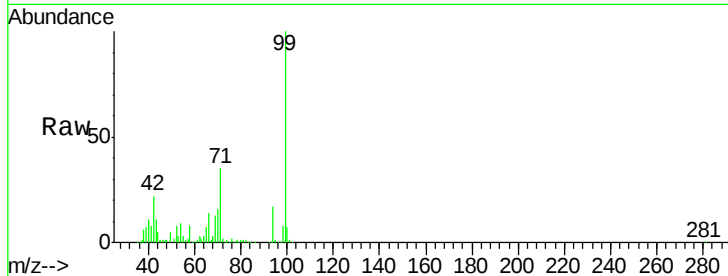
71 34.8 29.9 44.9

Manual Integrations

APPROVED

sohil

12/5/2016 11:20:48 AM



#8

2-Chlorophenol

Concen: 38.49 ng

RT: 6.64 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF091390.D

Acq: 2 Dec 2016 15:44

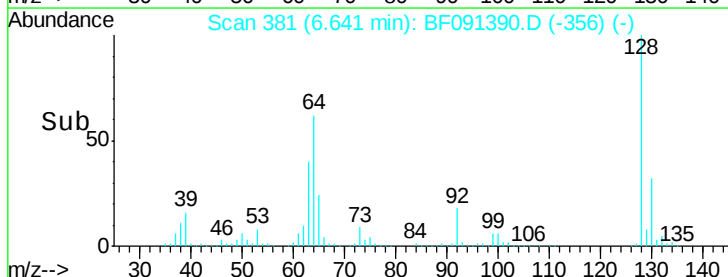
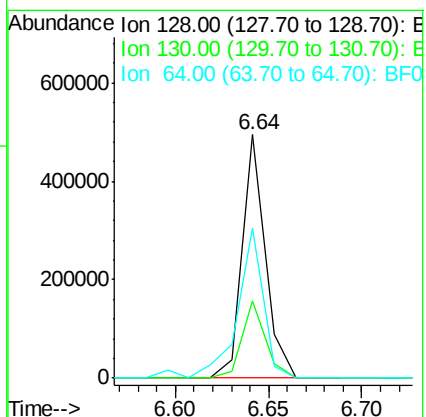
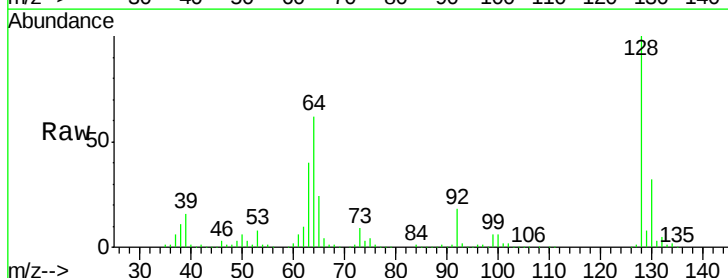
Tgt Ion: 128 Resp: 425196

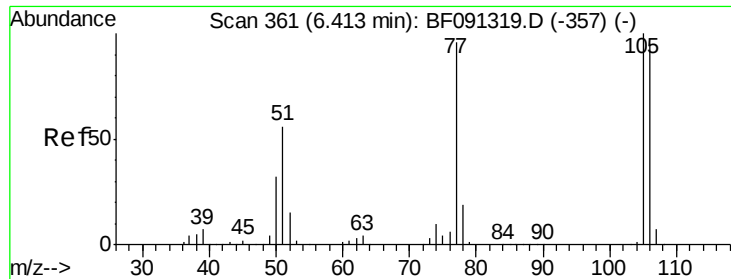
Ion Ratio Lower Upper

128 100

130 31.9 13.1 53.1

64 61.9 24.1 64.1





#9

Benzaldehyde

Concen: 35.83 ng

RT: 6.40 min Scan# 360

Delta R.T. -0.02 min

Lab File: BF091390.D

Acq: 2 Dec 2016 15:44

Instrument :

BNA_F

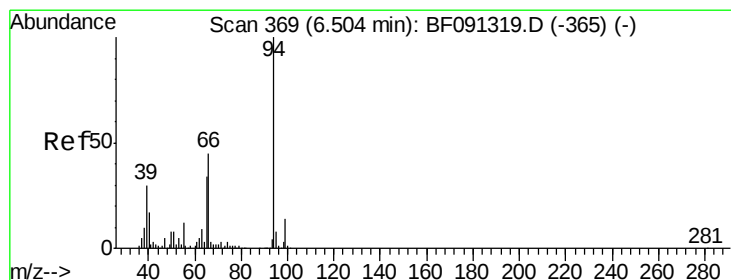
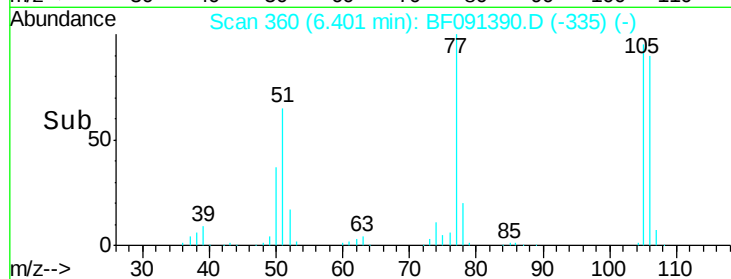
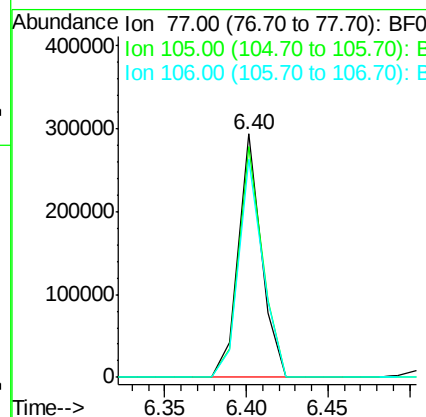
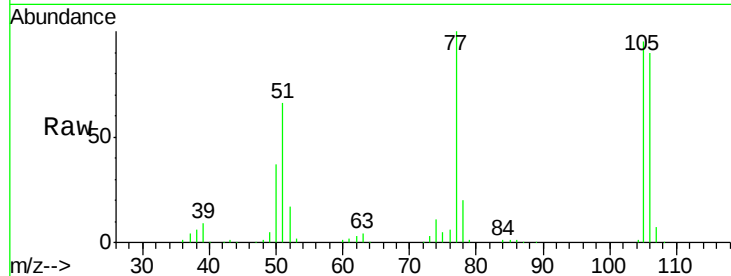
ClientSampleId :

SSTDCCC040

Tgt Ion:	77	Resp:	285821
Ion Ratio	Lower	Upper	
77	100		
105	95.0	66.4	106.4
106	89.8	60.9	100.9

Manual Integrations
APPROVED

sohil
12/5/2016 11:20:48 AM



#10

Phenol

Concen: 43.33 ng

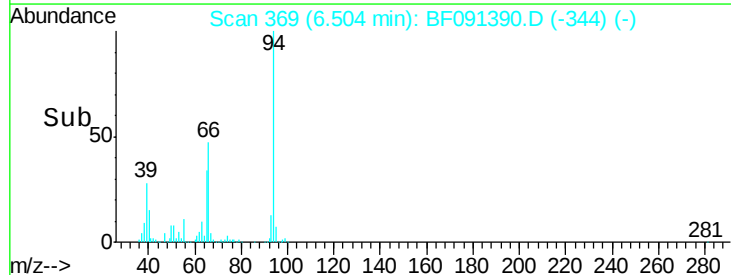
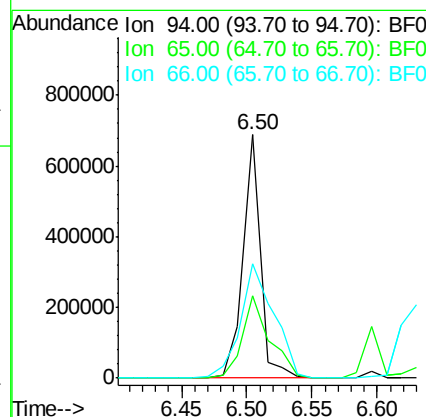
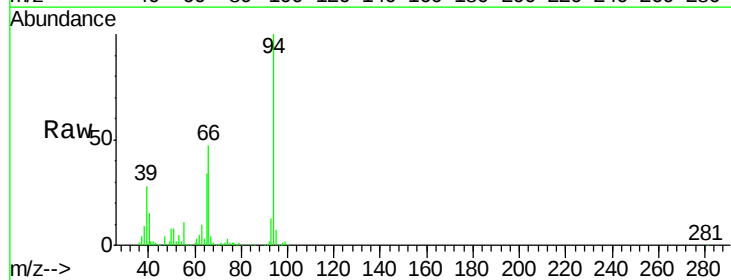
RT: 6.50 min Scan# 369

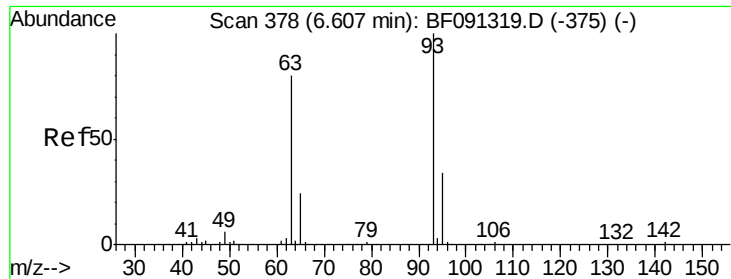
Delta R.T. -0.02 min

Lab File: BF091390.D

Acq: 2 Dec 2016 15:44

Tgt Ion:	94	Resp:	632375
Ion Ratio	Lower	Upper	
94	100		
65	34.0	16.9	56.9
66	46.8	30.6	70.6





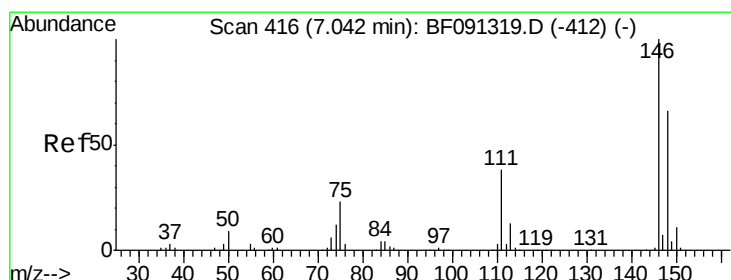
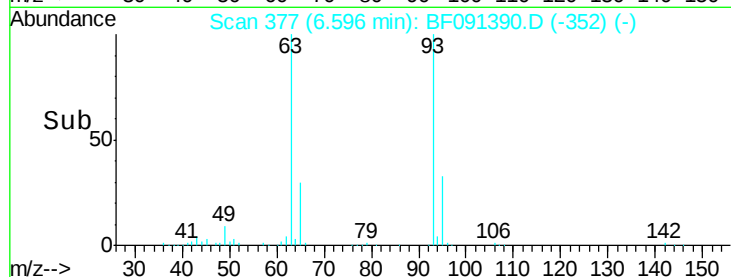
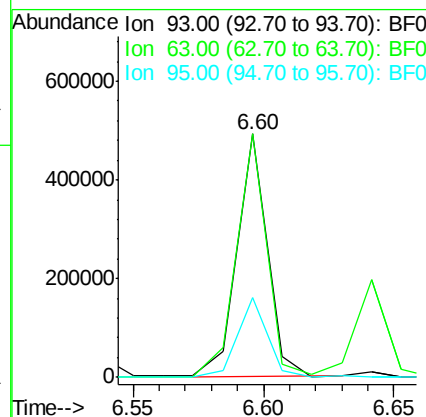
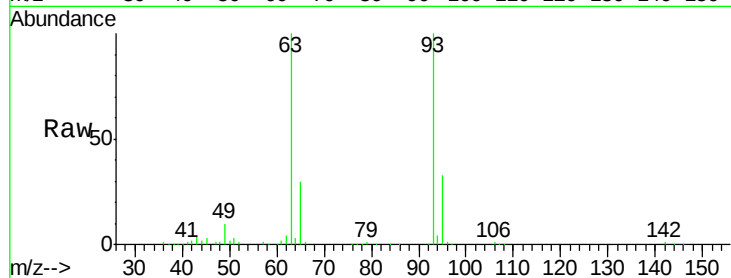
#11
bis(2-Chloroethyl)ether
Concen: 38.18 ng
RT: 6.60 min Scan# 377
Delta R.T. -0.02 min
Lab File: BF091390.D
Acq: 2 Dec 2016 15:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
93	100		
63	100.0	74.8	114.8
95	32.6	12.4	52.4

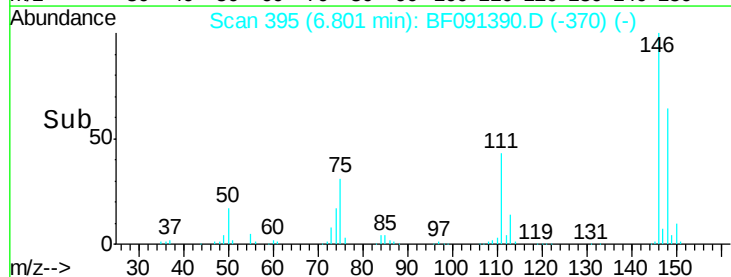
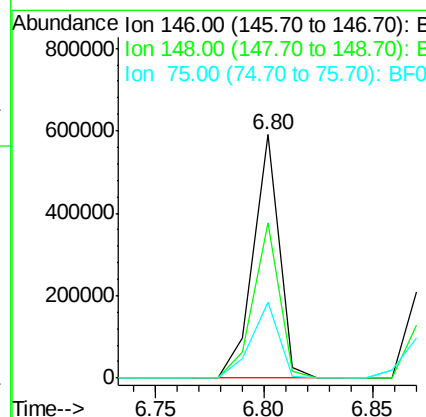
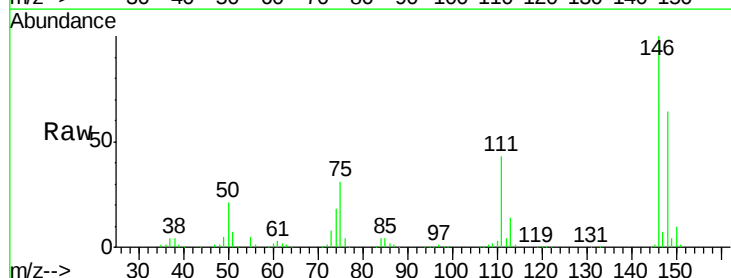
Manual Integrations
APPROVED

sohil
12/5/2016 11:20:48 AM



#12
1,3-Dichlorobenzene
Concen: 39.94 ng
RT: 6.80 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF091390.D
Acq: 2 Dec 2016 15:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.4	77.0
75	31.2	23.6	35.4





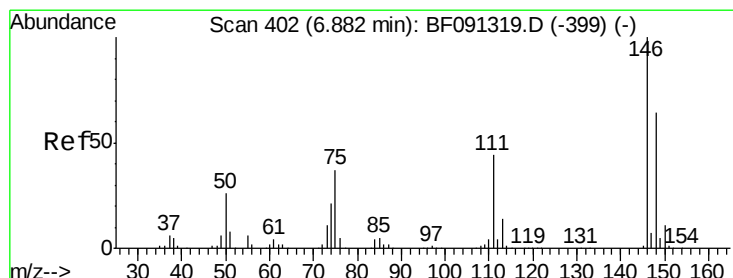
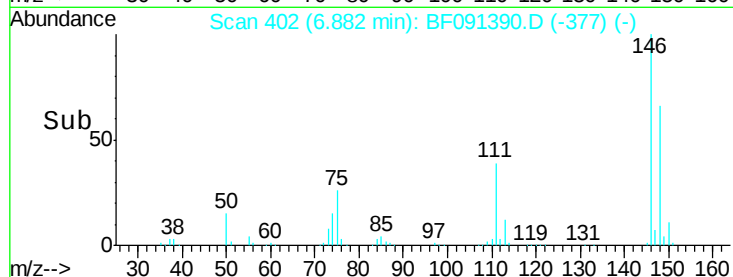
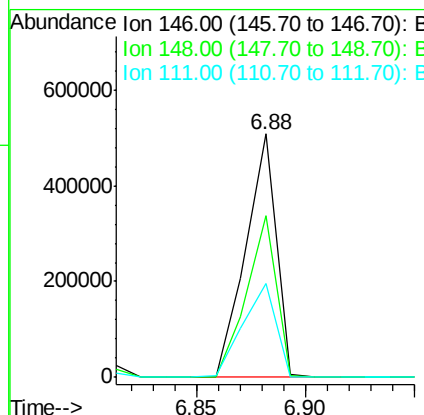
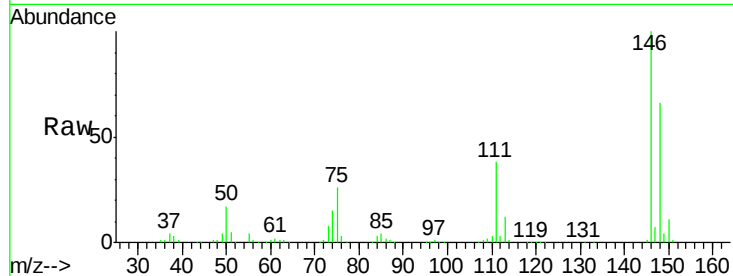
#13
1,4-Dichlorobenzene
Concen: 40.53 ng
RT: 6.88 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF091390.D
Acq: 2 Dec 2016 15:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.3	51.4	77.0
111	38.5	32.2	48.2

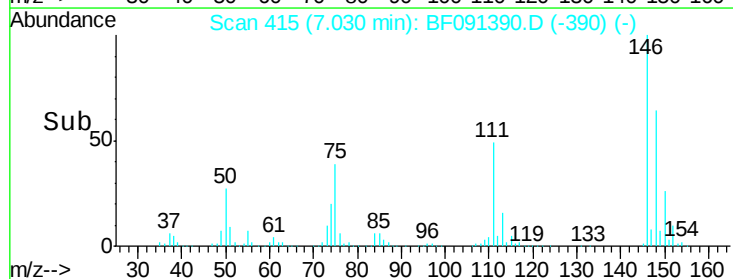
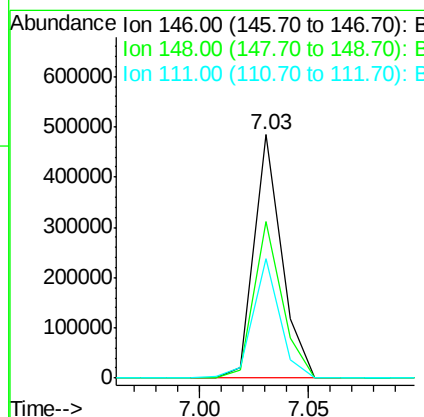
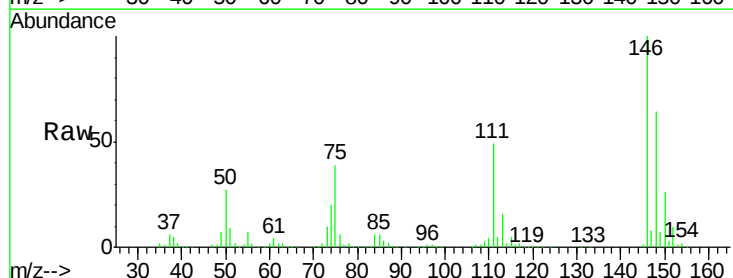
Manual Integrations
APPROVED

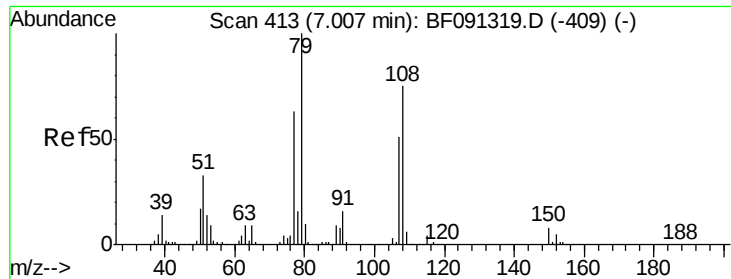
sohil
12/5/2016 11:20:48 AM



#14
1,2-Dichlorobenzene
Concen: 37.47 ng
RT: 7.03 min Scan# 415
Delta R.T. -0.02 min
Lab File: BF091390.D
Acq: 2 Dec 2016 15:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.0	76.6
111	49.1	38.9	58.3





#15

Benzyl Alcohol

Concen: 43.42 ng

RT: 7.01 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF091390.D

Acq: 2 Dec 2016 15:44

Instrument :

BNA_F

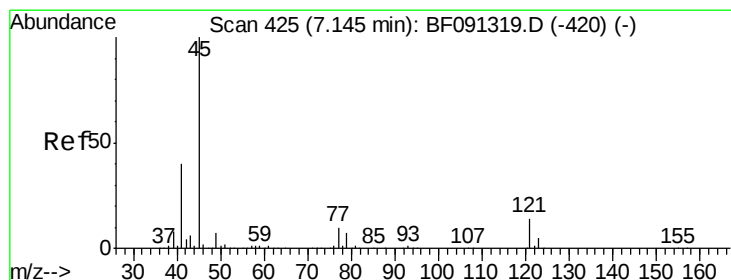
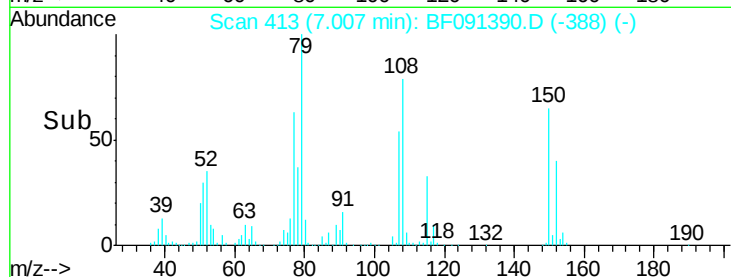
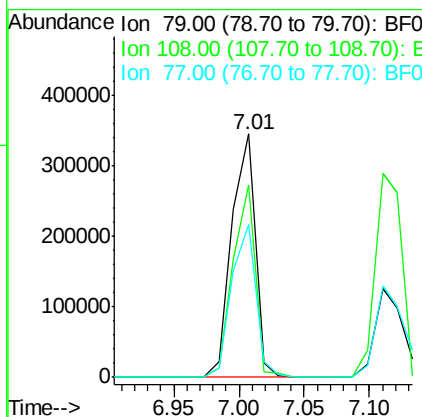
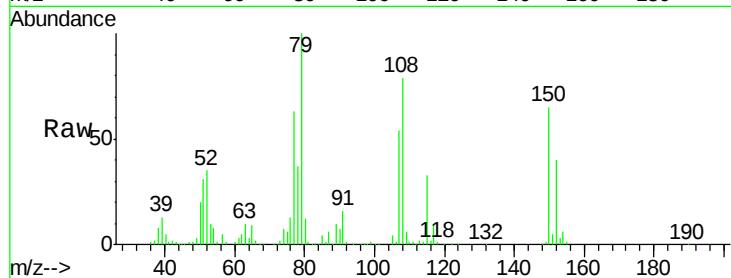
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	431007
Ion Ratio	Lower	Upper	
79	100		
108	79.3	62.7	94.1
77	62.8	51.7	77.5

Manual Integrations
APPROVED

sohil
12/5/2016 11:20:48 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.67 ng

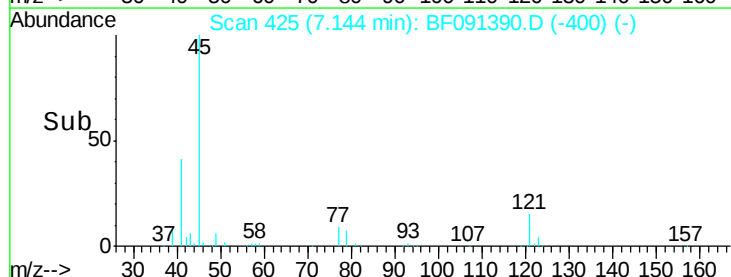
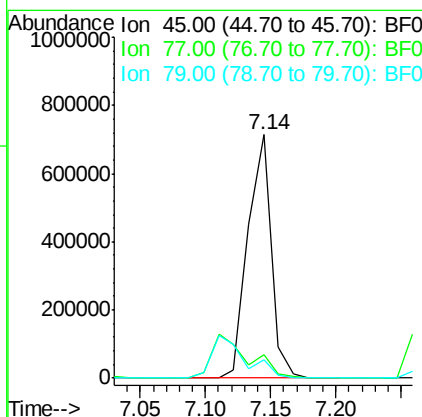
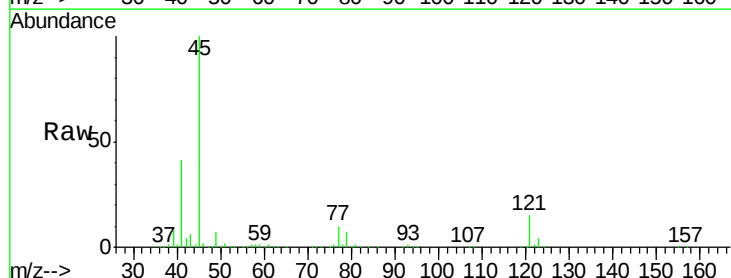
RT: 7.14 min Scan# 425

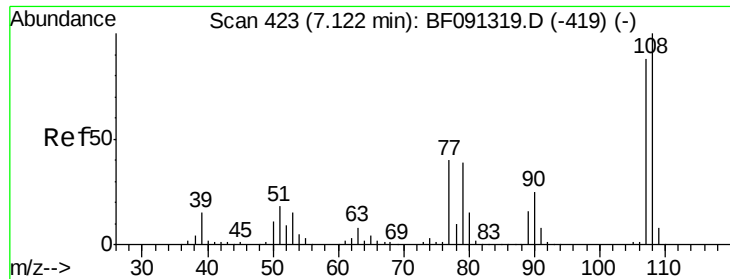
Delta R.T. -0.02 min

Lab File: BF091390.D

Acq: 2 Dec 2016 15:44

Tgt Ion:	45	Resp:	889456
Ion Ratio	Lower	Upper	
45	100		
77	9.6	3.8	43.8
79	7.4	0.2	40.2





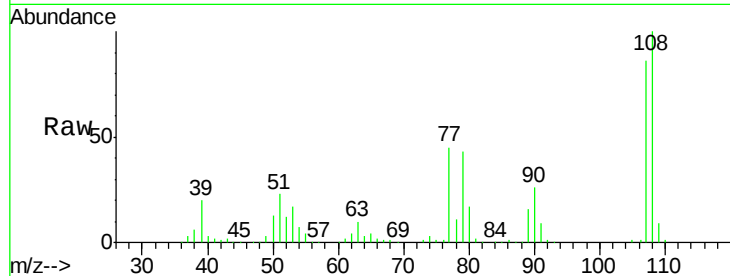
#17
2-Methylphenol
Concen: 40.60 ng
RT: 7.11 min Scan# 422
Delta R.T. -0.02 min
Lab File: BF091390.D
Acq: 2 Dec 2016 15:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.7	67.7	101.5#	
77	51.7	40.7	61.1	
79	50.1	23.4	35.2#	

Manual Integrations
APPROVED

sohil
12/5/2016 11:20:48 AM



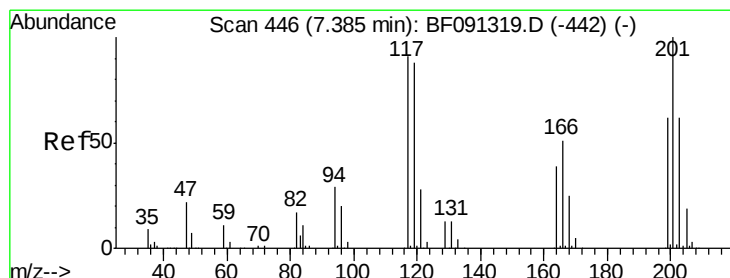
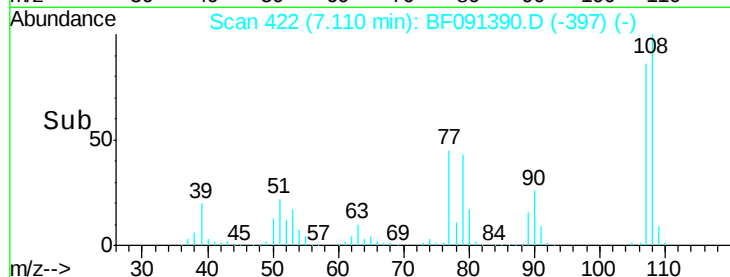
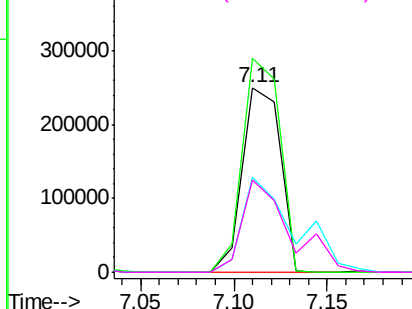
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 38.25 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.03 min
Lab File: BF091390.D
Acq: 2 Dec 2016 15:44

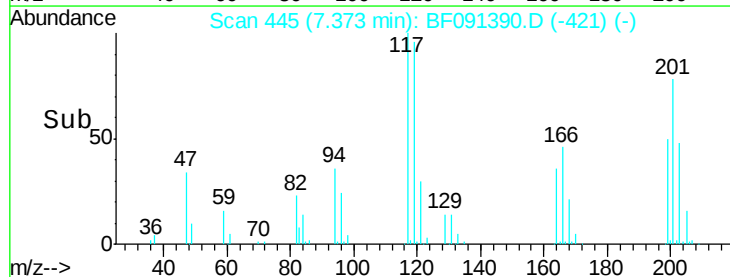
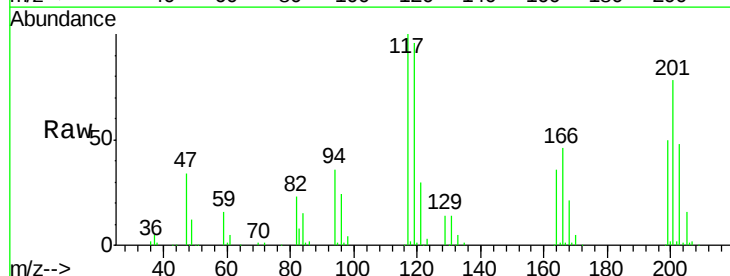
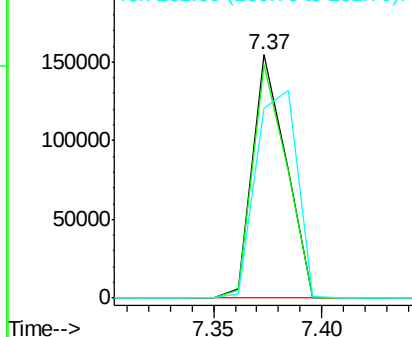
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.0	78.6	118.0	
201	77.8	86.7	130.1#	

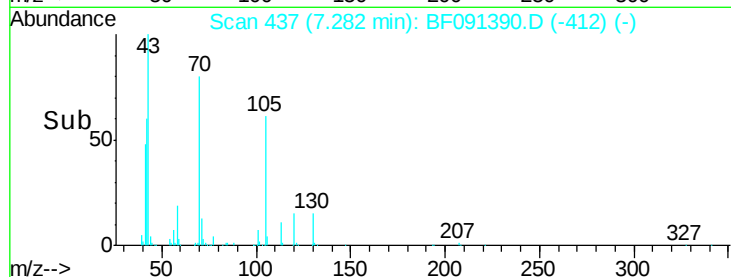
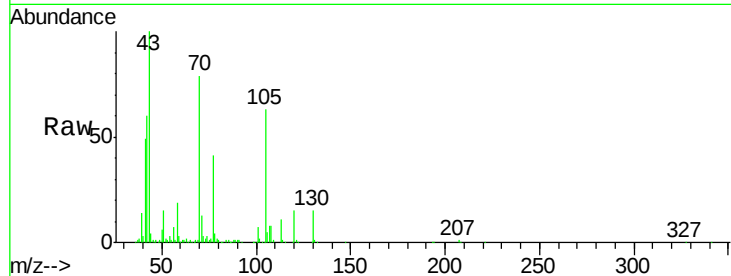
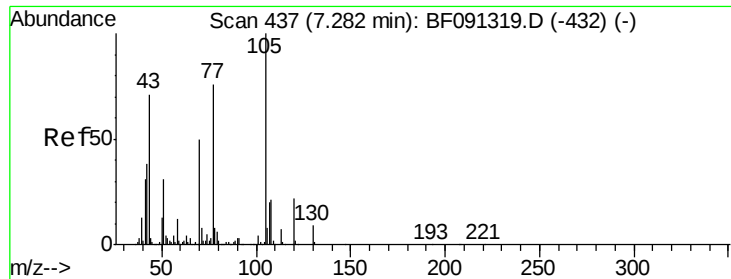
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





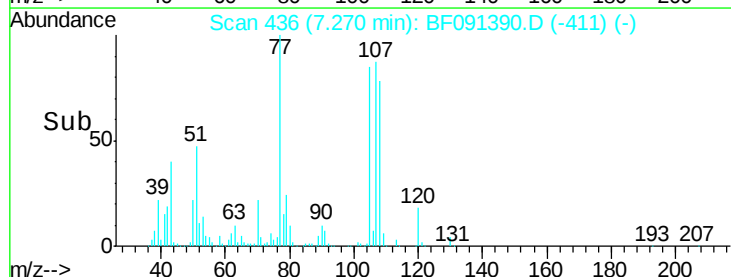
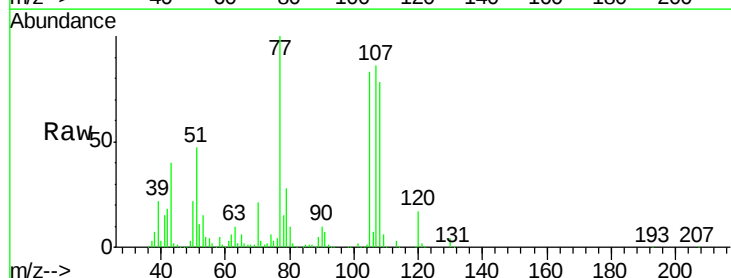
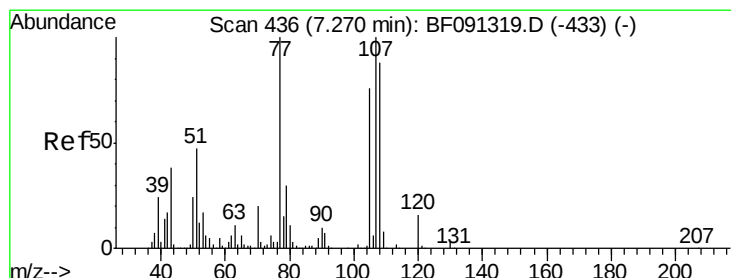
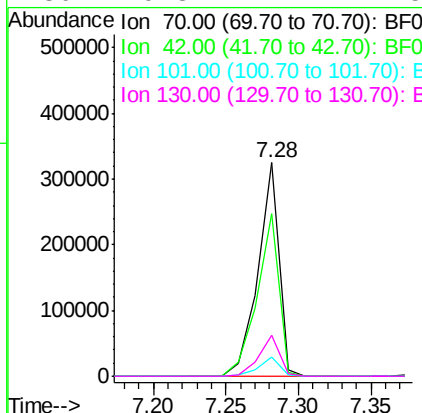
#19
n-Nitroso-di-n-propylamine
Concen: 42.01 ng
RT: 7.28 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF091390.D
Acq: 2 Dec 2016 15:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
70	100		
42	76.0	64.8	97.2
101	8.8	6.2	9.4
130	19.3	11.7	17.5#

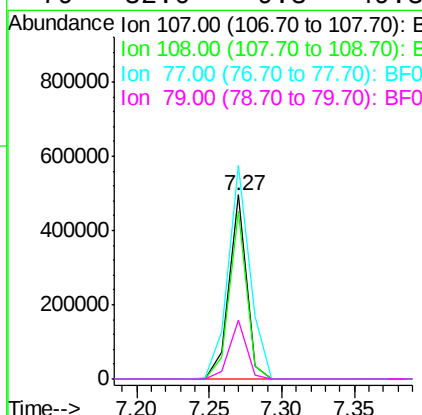
Manual Integrations
APPROVED

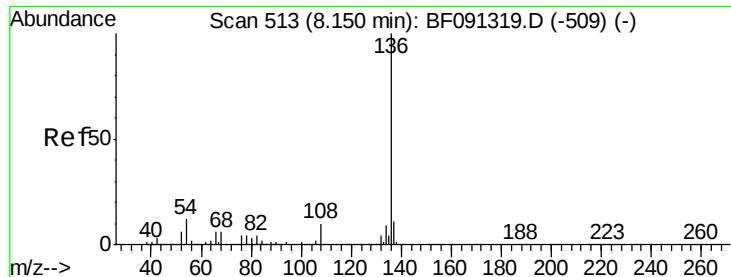
sohil
12/5/2016 11:20:48 AM



#20
3+4-Methylphenols
Concen: 38.94 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF091390.D
Acq: 2 Dec 2016 15:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.8	64.6	104.6
77	115.9	30.9	70.9#
79	32.0	9.3	49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091390.D

Acq: 2 Dec 2016 15:44

Instrument :

BNA_F

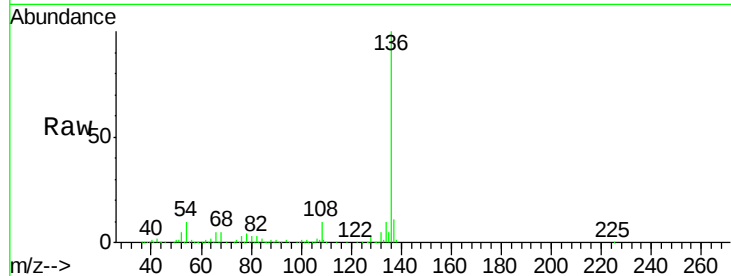
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	672672		
137	11.1	9.1	13.7	
54	9.6	9.1	13.7	
68	4.9	5.9	8.9#	

Manual Integrations
APPROVED

sohil
12/5/2016 11:20:48 AM



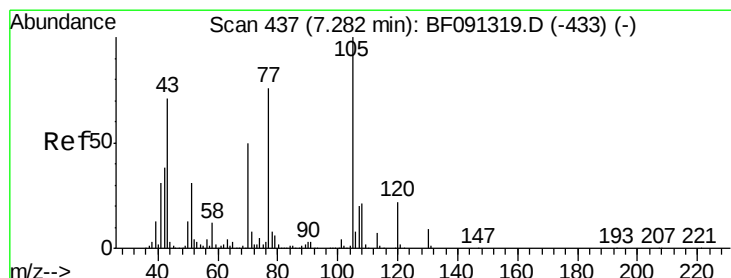
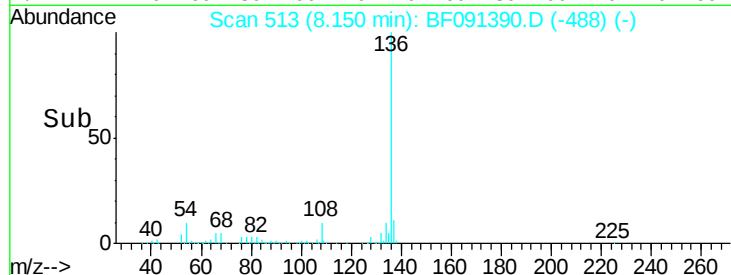
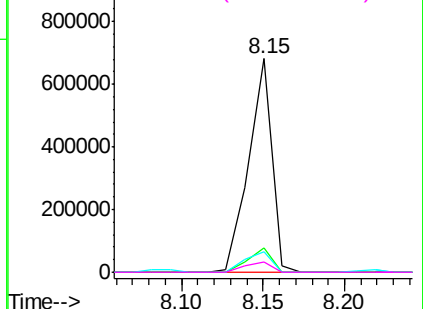
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 36.92 ng

RT: 7.27 min Scan# 436

Delta R.T. -0.02 min

Lab File: BF091390.D

Acq: 2 Dec 2016 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	588699		
71	4.2	7.9	11.9#	
51	56.9	24.5	36.7#	
120	20.7	16.6	24.8	

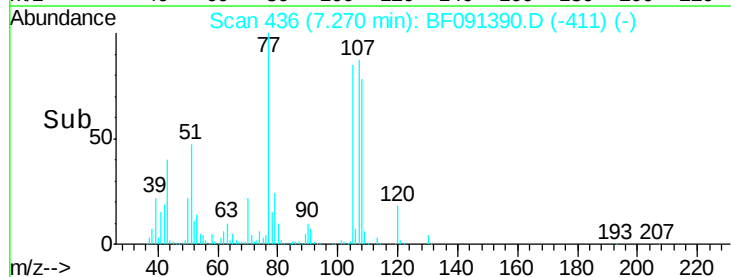
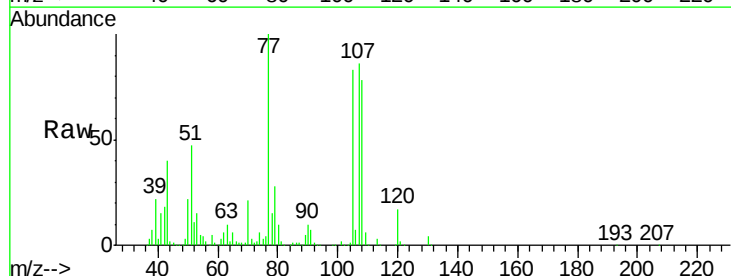
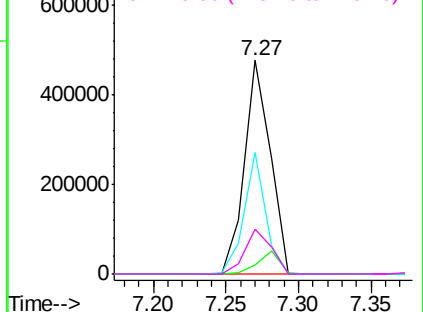
Abundance

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





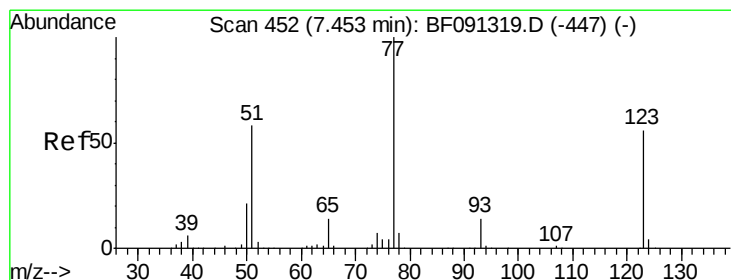
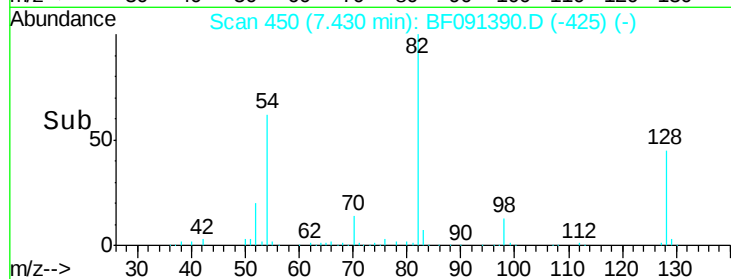
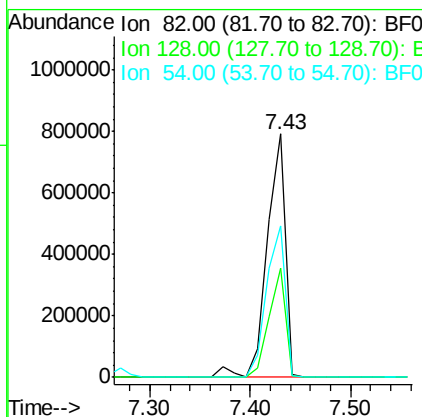
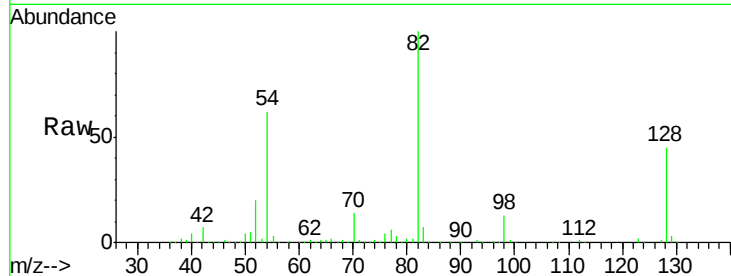
#23
 Nitrobenzene-d5
 Concen: 83.35 ng
 RT: 7.43 min Scan# 450
 Delta R.T. -0.02 min
 Lab File: BF091390.D
 Acq: 2 Dec 2016 15:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.7	31.8	47.6
54	62.4	49.1	73.7

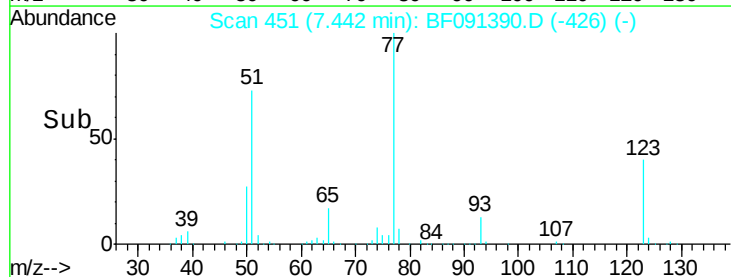
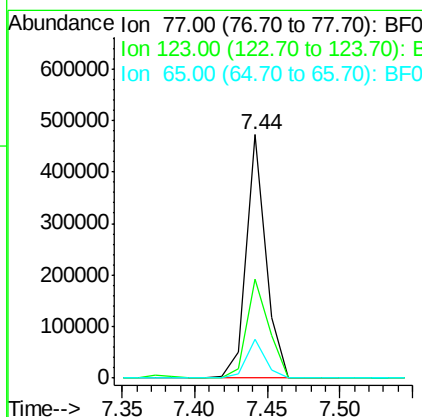
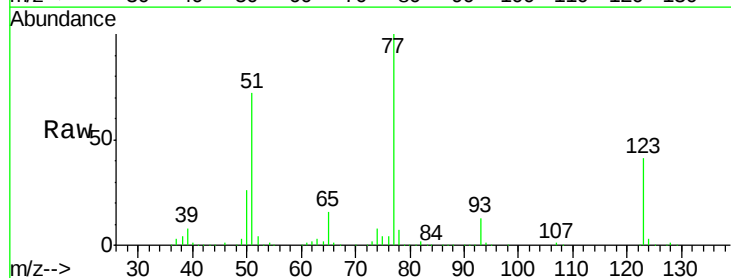
Manual Integrations
 APPROVED

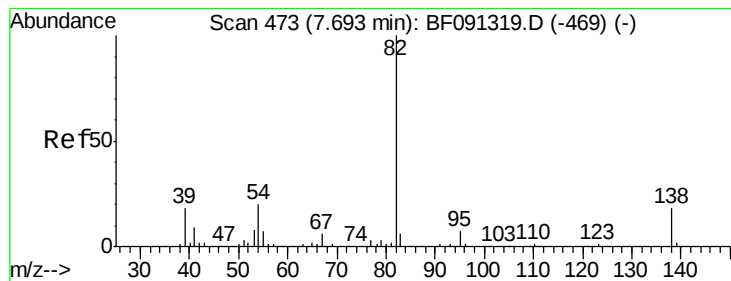
sohil
 12/5/2016 11:20:48 AM



#24
 Nitrobenzene
 Concen: 36.04 ng
 RT: 7.44 min Scan# 451
 Delta R.T. -0.02 min
 Lab File: BF091390.D
 Acq: 2 Dec 2016 15:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.6	28.5	42.7
65	16.1	12.5	18.7





#25

Isophorone

Concen: 39.46 ng

RT: 7.69 min Scan# 473

Delta R.T. -0.02 min

Lab File: BF091390.D

Acq: 2 Dec 2016 15:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 839152

Ion Ratio Lower Upper

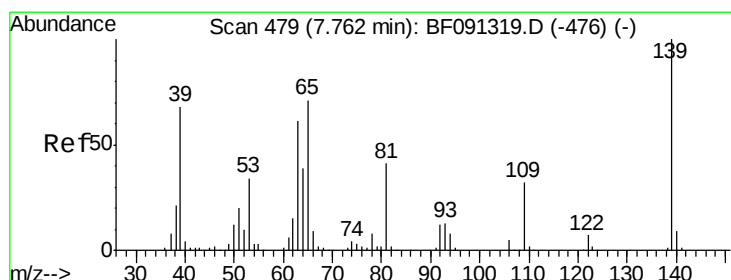
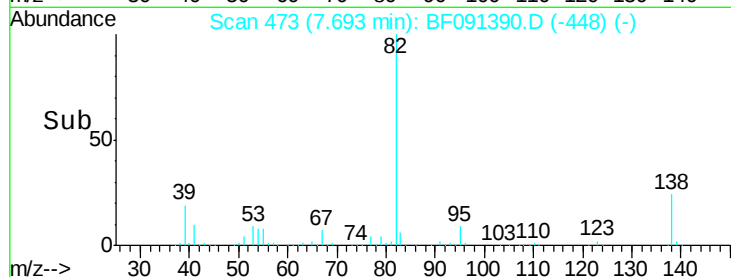
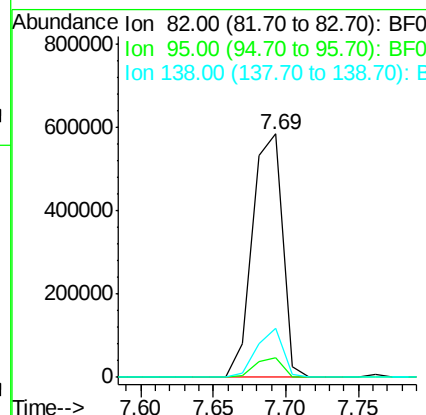
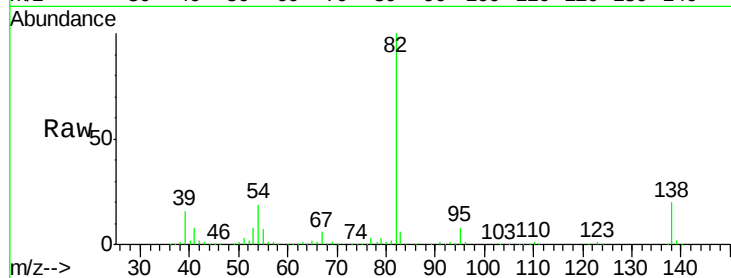
82 100

95 7.9 5.7 8.5

138 20.1 13.4 20.0#

Manual Integrations
APPROVED

sohil
12/5/2016 11:20:48 AM



#26

2-Nitrophenol

Concen: 42.81 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.02 min

Lab File: BF091390.D

Acq: 2 Dec 2016 15:44

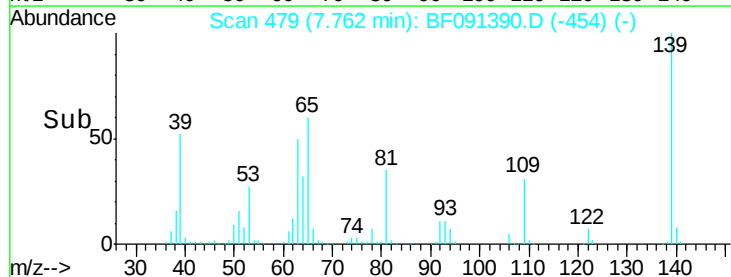
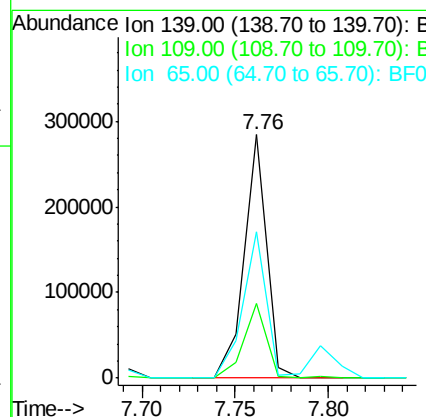
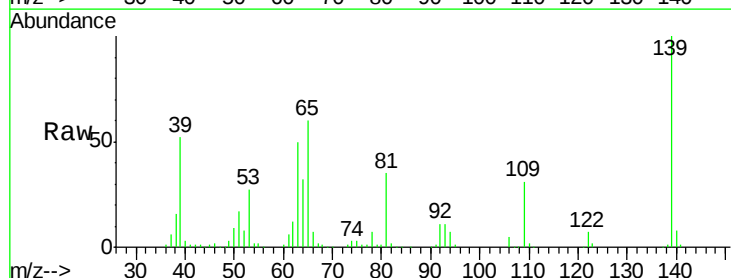
Tgt Ion: 139 Resp: 239773

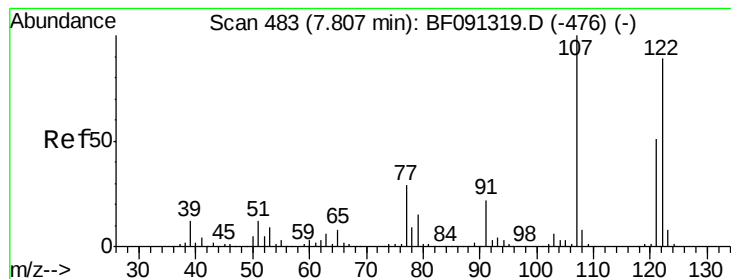
Ion Ratio Lower Upper

139 100

109 30.6 25.3 37.9

65 60.3 55.4 83.2





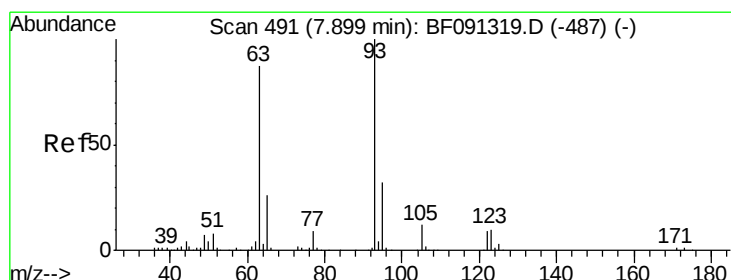
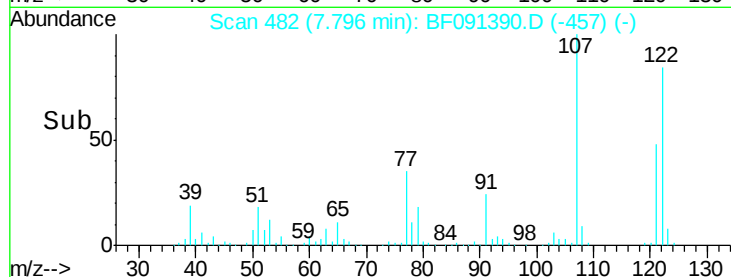
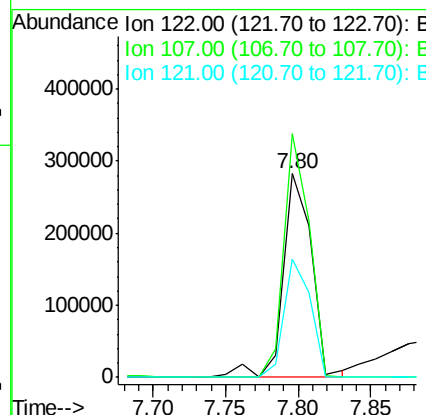
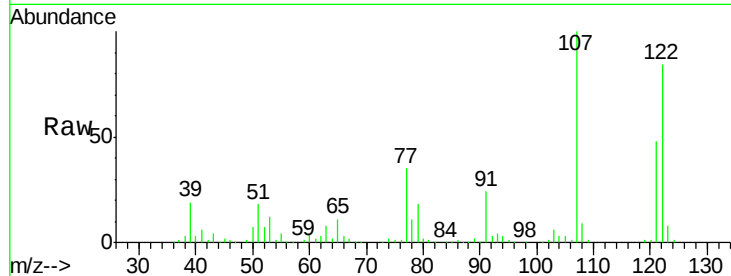
#27
 2,4-Dimethylphenol
 Concen: 36.66 ng
 RT: 7.80 min Scan# 482
 Delta R.T. -0.02 min
 Lab File: BF091390.D
 Acq: 2 Dec 2016 15:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	384117		
107	119.7	96.8	145.2	
121	58.0	47.7	71.5	

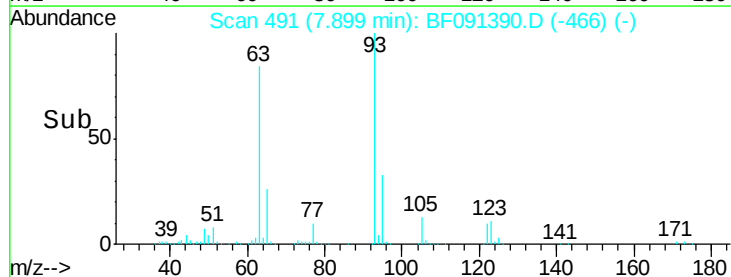
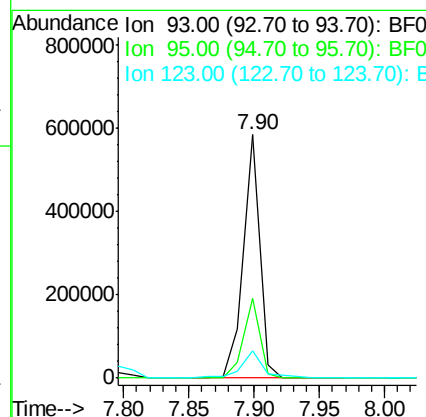
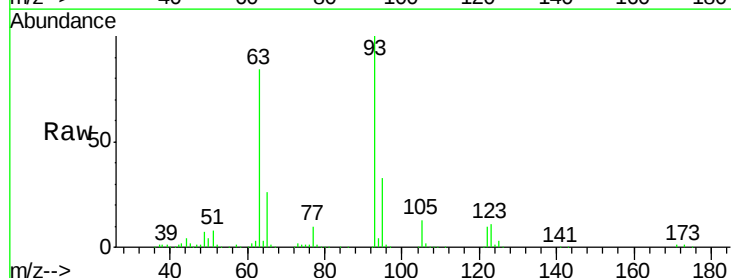
Manual Integrations
 APPROVED

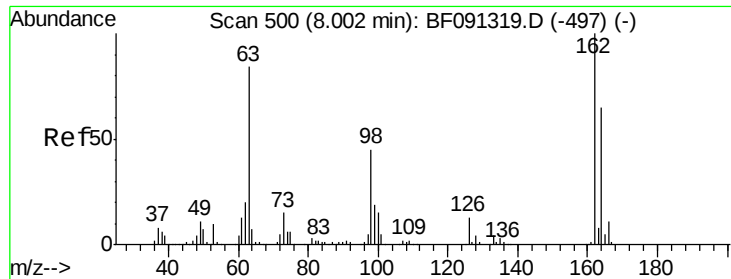
sohil
 12/5/2016 11:20:48 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.64 ng
 RT: 7.90 min Scan# 491
 Delta R.T. -0.02 min
 Lab File: BF091390.D
 Acq: 2 Dec 2016 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	507435		
95	32.7	26.0	39.0	
123	11.0	8.6	12.8	





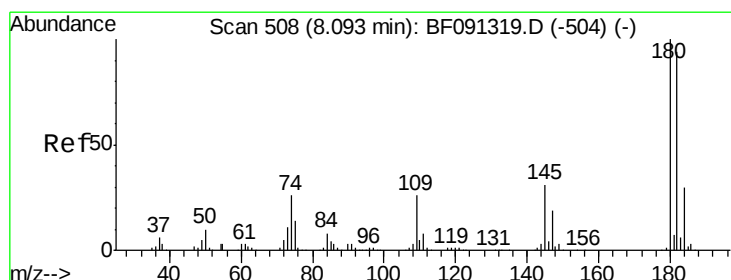
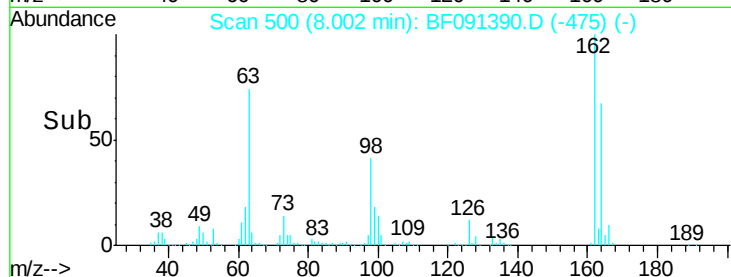
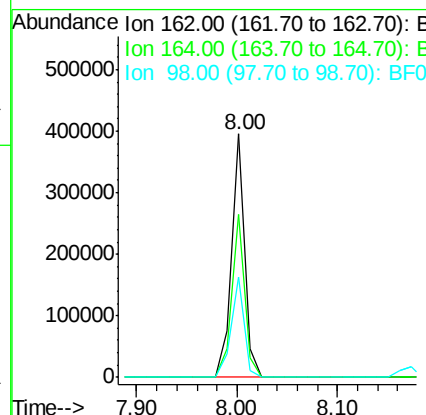
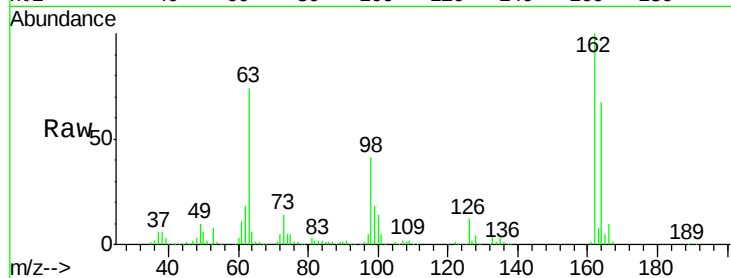
#29
2,4-Dichlorophenol
Concen: 38.87 ng
RT: 8.00 min Scan# 500
Delta R.T. -0.02 min
Lab File: BF091390.D
Acq: 2 Dec 2016 15:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	358227		
164	66.9	45.0	85.0	
98	41.3	21.3	61.3	

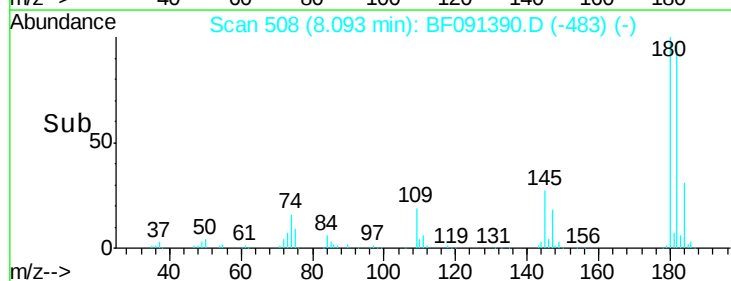
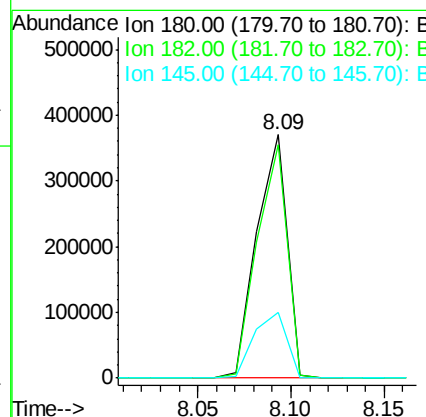
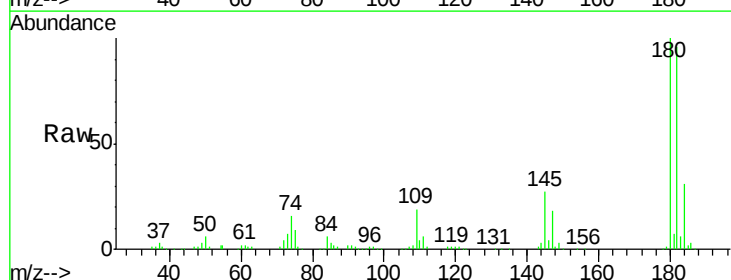
Manual Integrations
APPROVED

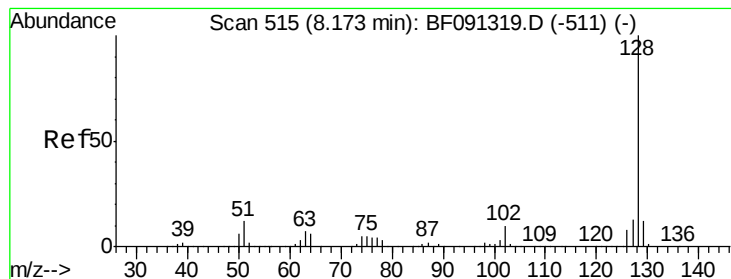
sohil
12/5/2016 11:20:48 AM



#30
1,2,4-Trichlorobenzene
Concen: 40.18 ng
RT: 8.09 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF091390.D
Acq: 2 Dec 2016 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	415188		
182	95.6	75.8	113.8	
145	26.9	27.0	40.4	





#31

Naphthalene

Concen: 41.07 ng

RT: 8.17 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF091390.D

Acq: 2 Dec 2016 15:44

Instrument :

BNA_F

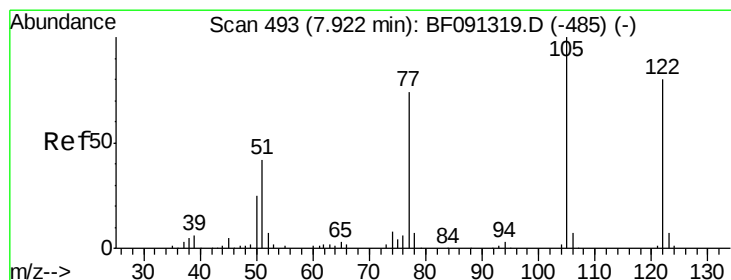
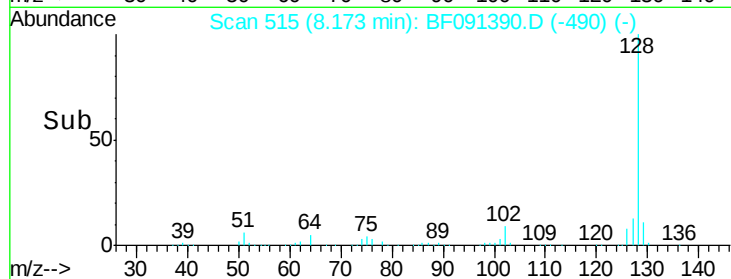
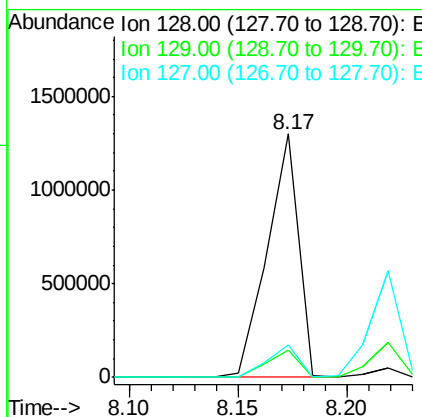
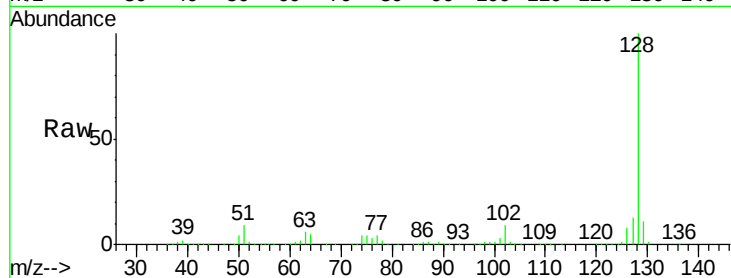
ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 1313132
 Ion Ratio Lower Upper
 128 100
 129 11.0 9.1 13.7
 127 13.3 11.0 16.4

Manual Integrations
 APPROVED

sohil
 12/5/2016 11:20:48 AM



#32

Benzoic acid

Concen: 43.85 ng

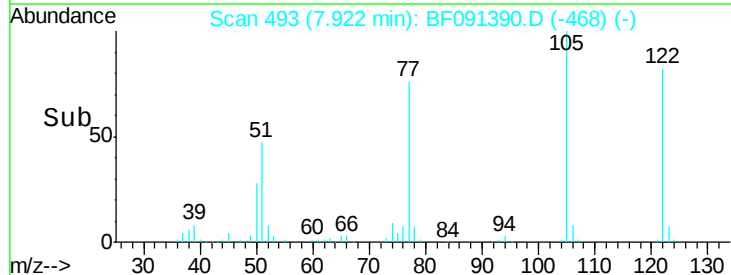
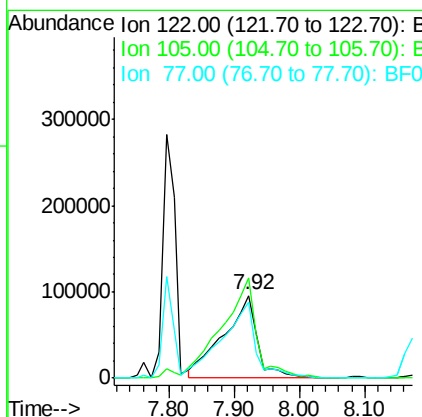
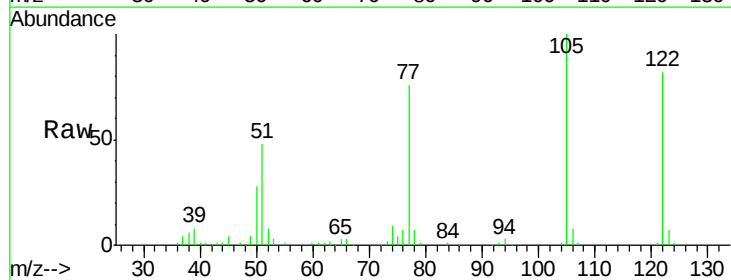
RT: 7.92 min Scan# 493

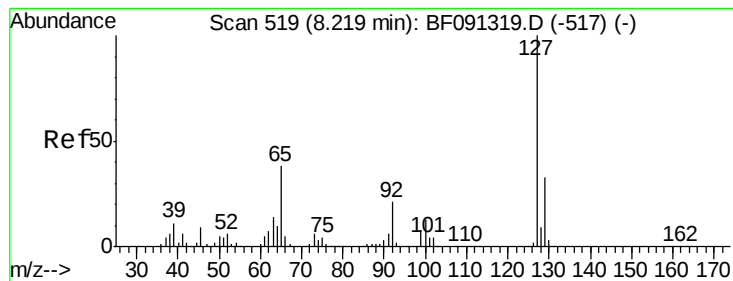
Delta R.T. -0.02 min

Lab File: BF091390.D

Acq: 2 Dec 2016 15:44

Tgt Ion:122 Resp: 338671
 Ion Ratio Lower Upper
 122 100
 105 121.5 113.0 153.0
 77 92.7 82.0 122.0





#33

4-Chloroaniline

Concen: 40.15 ng

RT: 8.22 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF091390.D

Acq: 2 Dec 2016 15:44

Instrument :

BNA_F

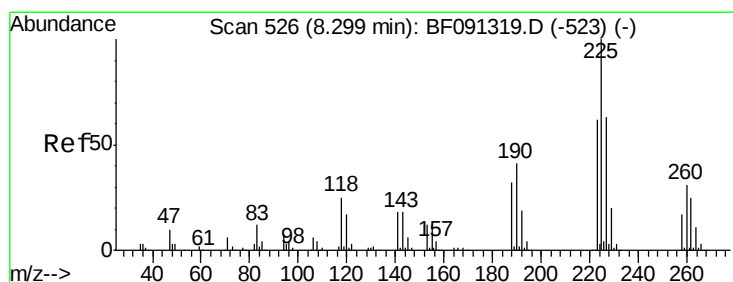
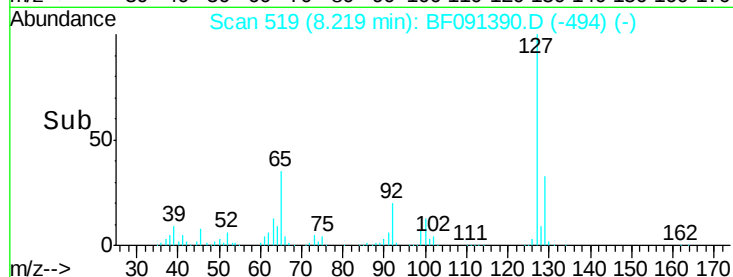
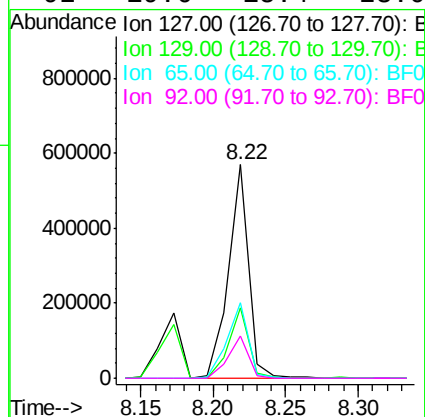
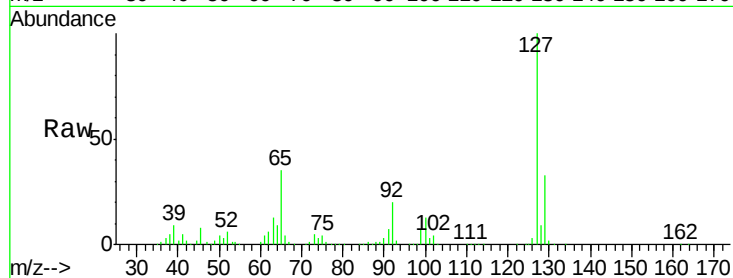
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	548709		
129	33.0	26.2	39.4	
65	35.5	26.6	39.8	
92	19.6	15.4	23.0	

Manual Integrations
APPROVED

sohil
12/5/2016 11:20:48 AM



#34

Hexachlorobutadiene

Concen: 36.82 ng

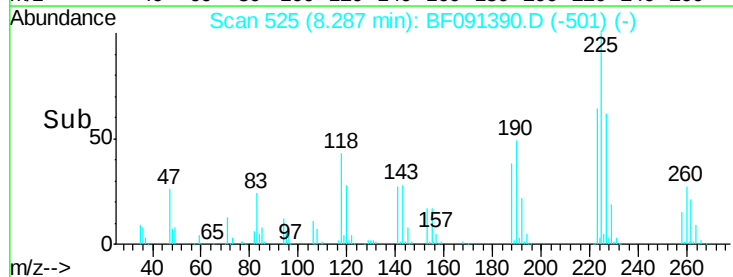
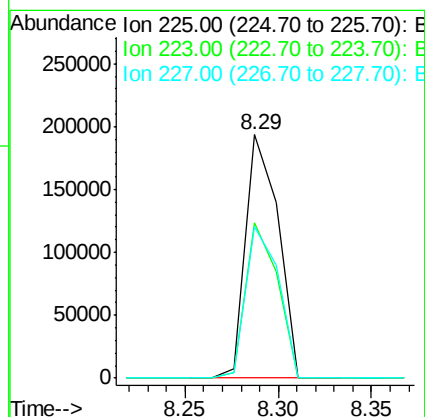
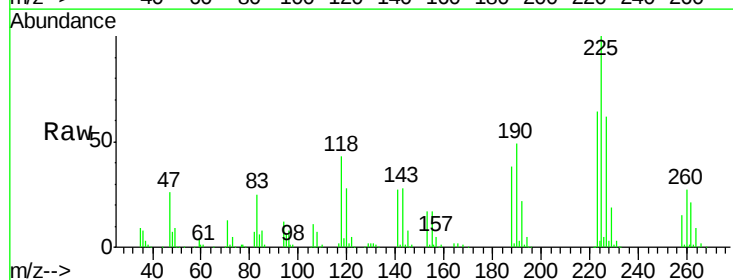
RT: 8.29 min Scan# 525

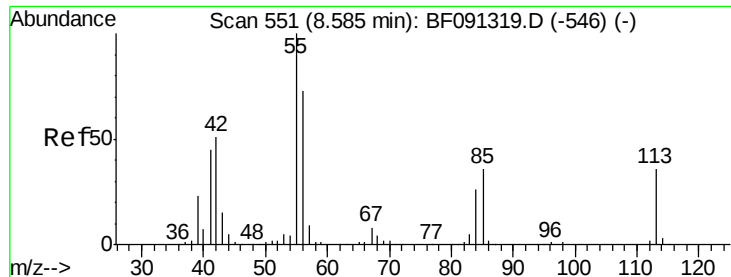
Delta R.T. -0.03 min

Lab File: BF091390.D

Acq: 2 Dec 2016 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	233937		
223	63.7	49.8	74.6	
227	62.1	52.6	79.0	





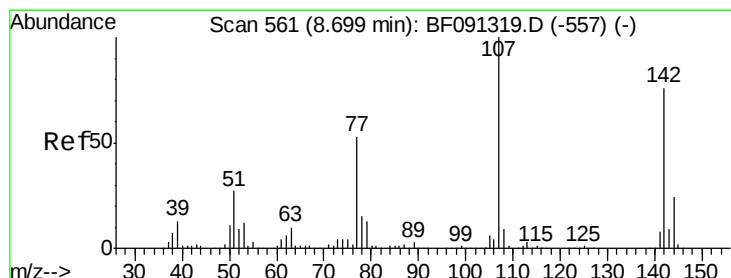
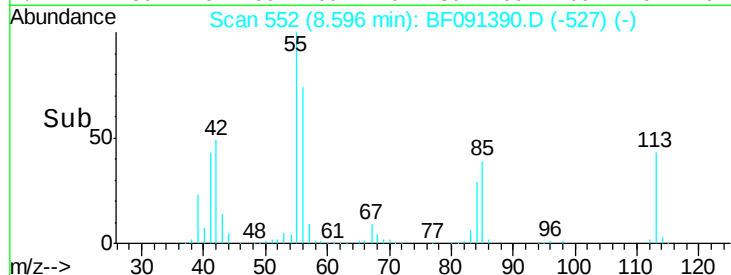
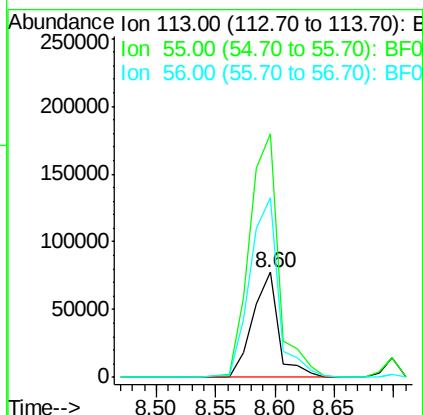
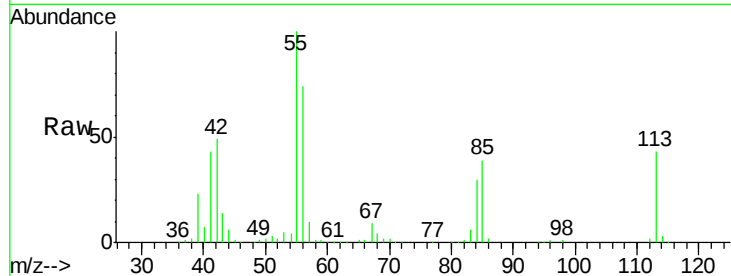
#35
 Caprolactam
 Concen: 44.89 ng
 RT: 8.60 min Scan# 552
 Delta R.T. -0.02 min
 Lab File: BF091390.D
 Acq: 2 Dec 2016 15:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 118922
 Ion Ratio Lower Upper
 113 100
 55 231.4 239.8 279.8#
 56 170.6 165.6 205.6

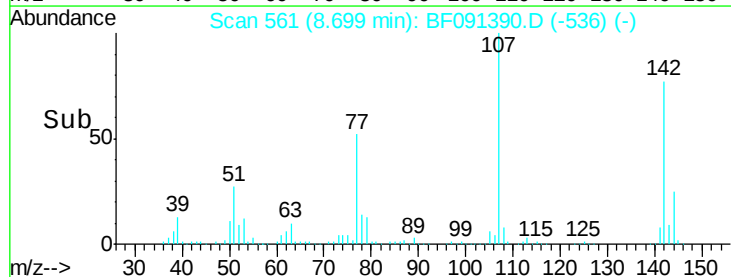
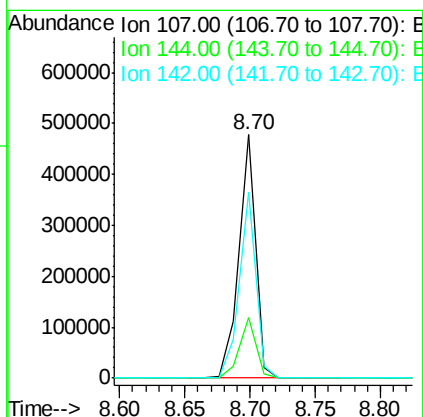
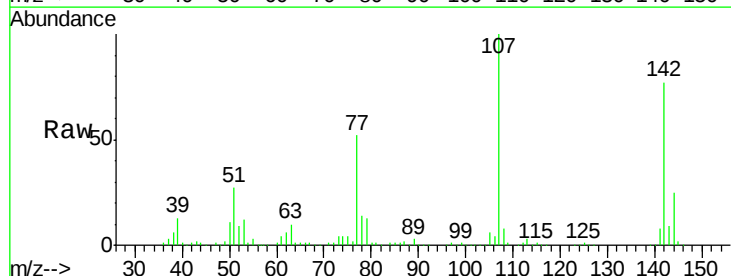
Manual Integrations
 APPROVED

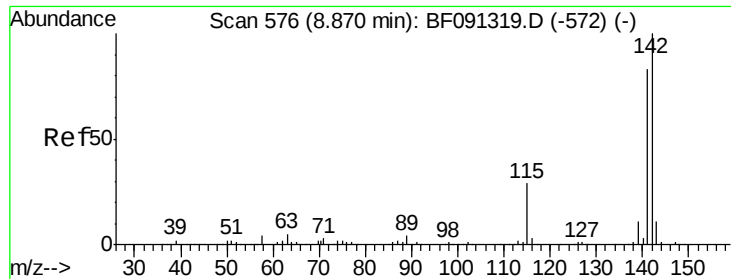
sohil
 12/5/2016 11:20:48 AM



#36
 4-Chloro-3-methylphenol
 Concen: 42.50 ng
 RT: 8.70 min Scan# 561
 Delta R.T. -0.02 min
 Lab File: BF091390.D
 Acq: 2 Dec 2016 15:44

Tgt Ion:107 Resp: 422915
 Ion Ratio Lower Upper
 107 100
 144 25.1 18.9 28.3
 142 76.6 58.5 87.7





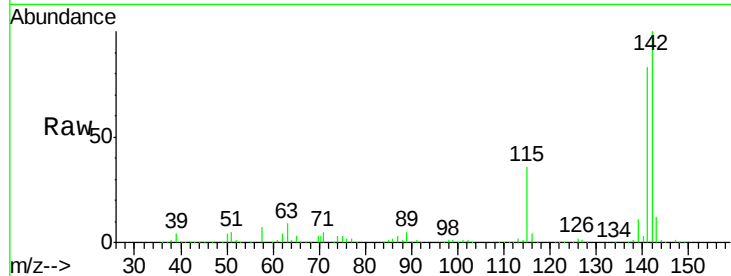
#37
2-Methylnaphthalene
Concen: 37.72 ng
RT: 8.86 min Scan# 575
Delta R.T. -0.02 min
Lab File: BF091390.D
Acq: 2 Dec 2016 15:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	83.1	71.7	107.5
115	35.9	25.0	37.6

Manual Integrations
APPROVED

sohil
12/5/2016 11:20:48 AM

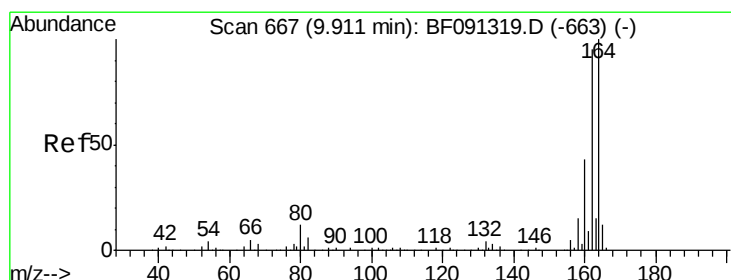
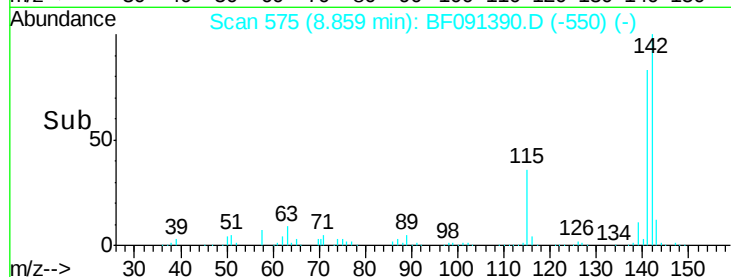
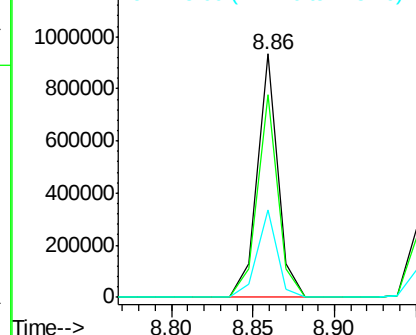


Abundance

Ion 142.00 (141.70 to 142.70): E

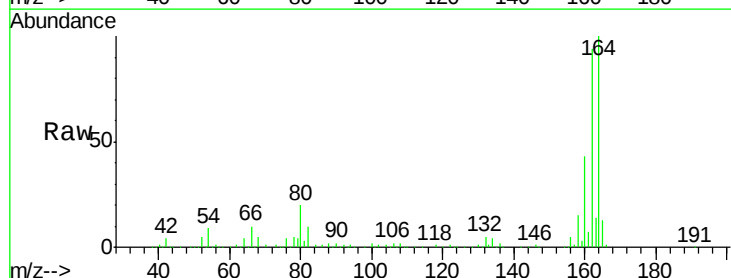
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF091390.D
Acq: 2 Dec 2016 15:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.2	82.6	124.0
160	42.8	36.7	55.1

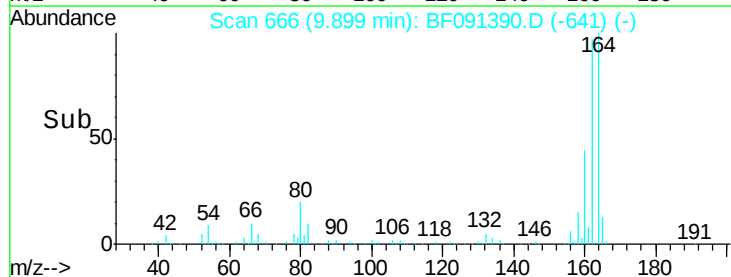
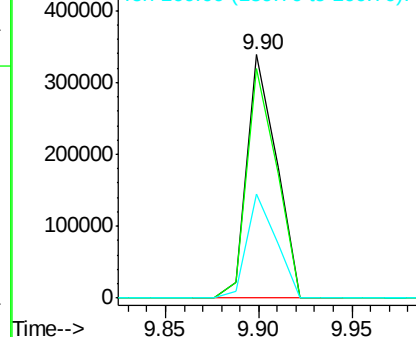


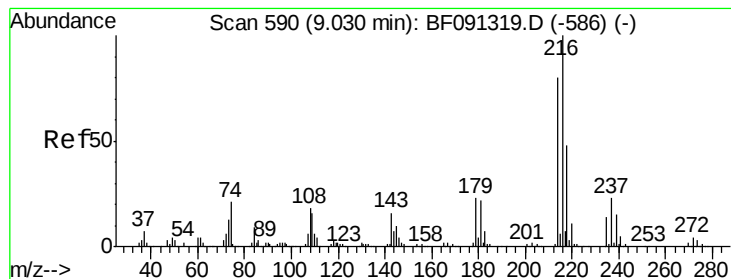
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.70 ng

RT: 9.03 min Scan# 590

Delta R.T. -0.02 min

Lab File: BF091390.D

Acq: 2 Dec 2016 15:44

Instrument :

BNA_F

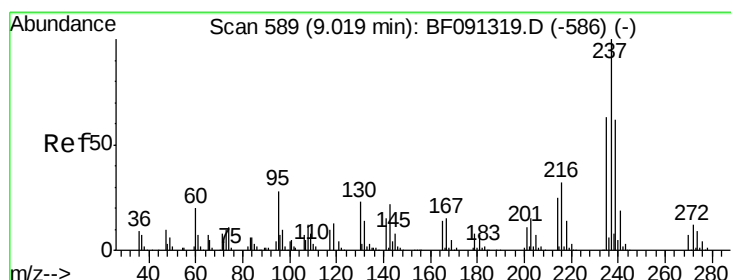
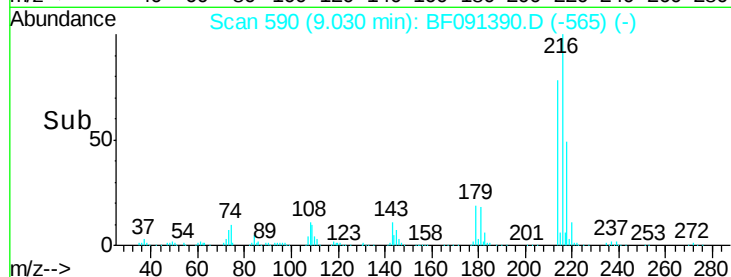
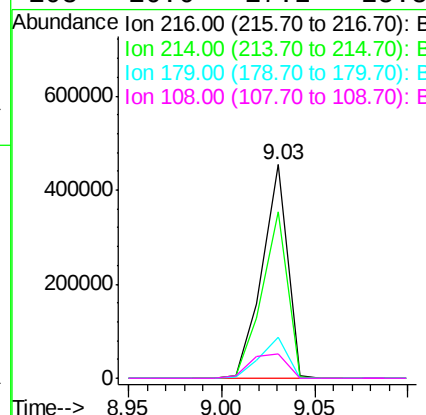
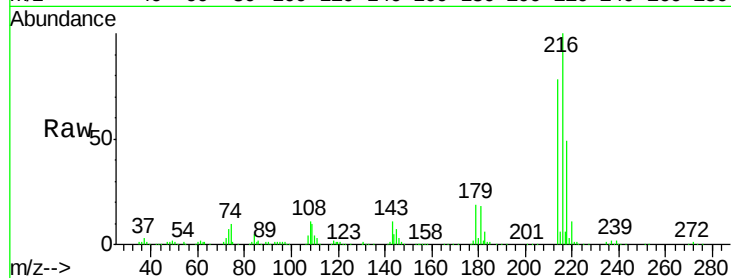
ClientSampleId :

SSTDCCC040

Tgt Ion:	216	Resp:	427576
Ion Ratio		Lower	Upper
216	100		
214	78.7	63.8	95.8
179	20.4	18.2	27.2
108	16.6	17.2	25.8

Manual Integrations
APPROVED

sohil
12/5/2016 11:20:48 AM



#40

Hexachlorocyclopentadiene

Concen: 44.28 ng

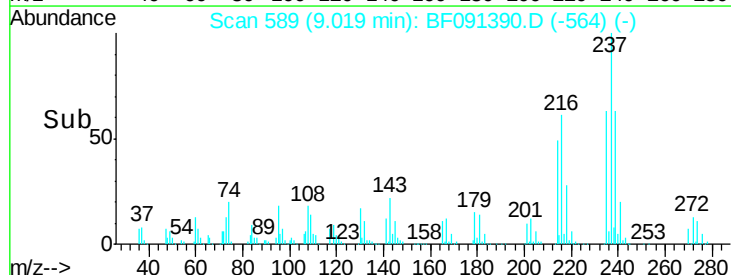
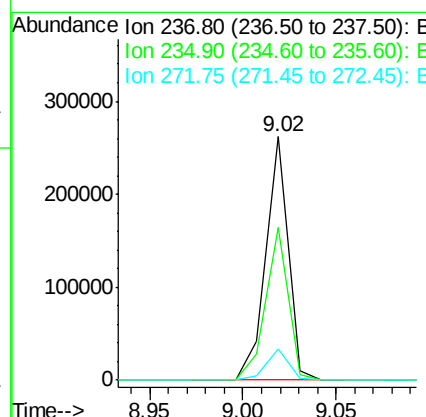
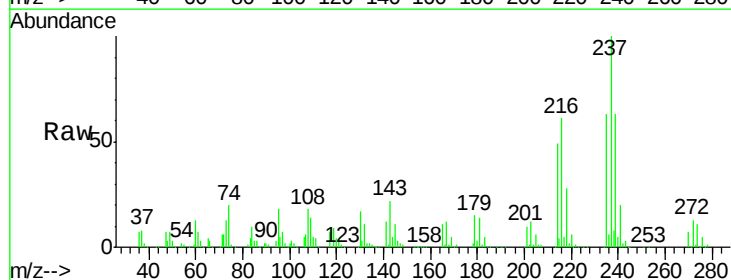
RT: 9.02 min Scan# 589

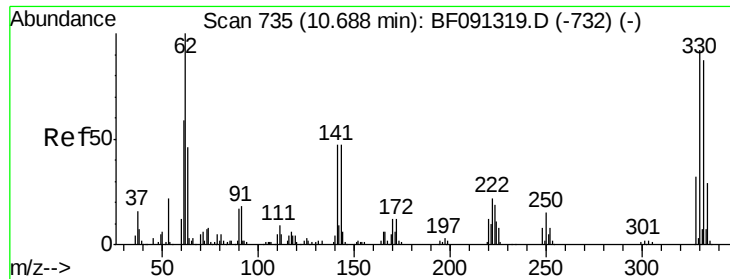
Delta R.T. -0.02 min

Lab File: BF091390.D

Acq: 2 Dec 2016 15:44

Tgt Ion:	237	Resp:	215604
Ion Ratio		Lower	Upper
237	100		
235	62.5	43.9	83.9
272	12.9	0.0	33.1





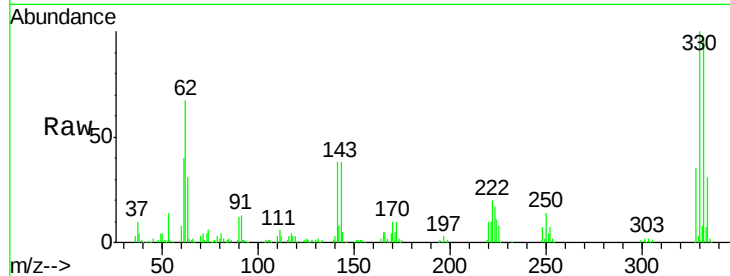
#41
 2,4,6-Tribromophenol
 Concen: 78.89 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091390.D
 Acq: 2 Dec 2016 15:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

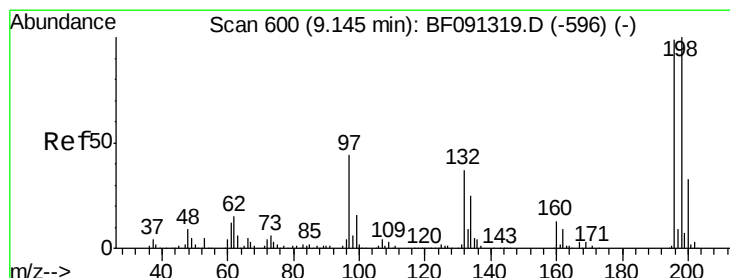
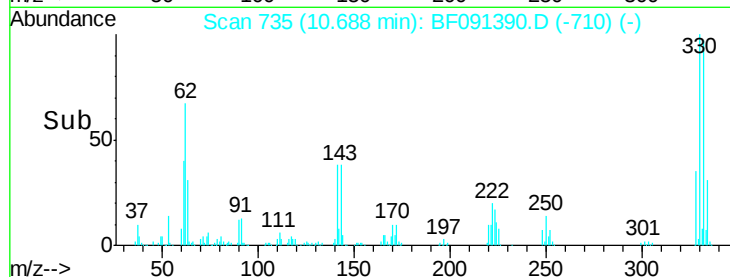
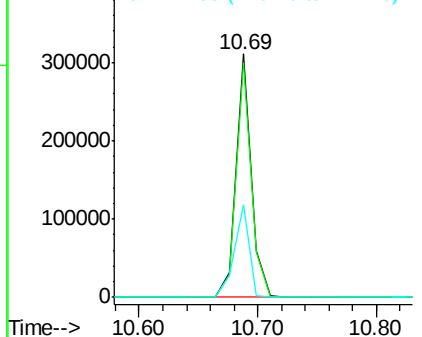
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	278319		
332	96.0	76.2	114.4	
141	37.3	33.6	50.4	

Manual Integrations
 APPROVED

sohil
 12/5/2016 11:20:48 AM



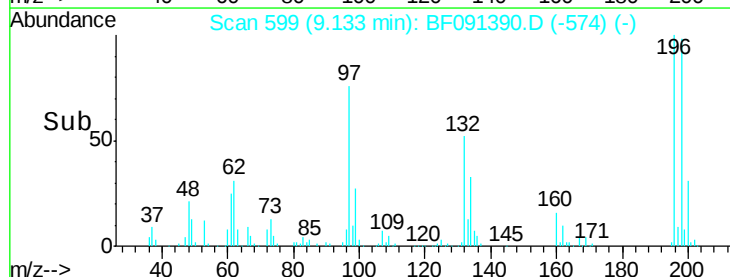
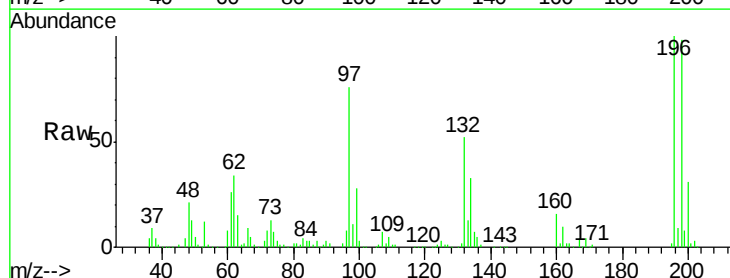
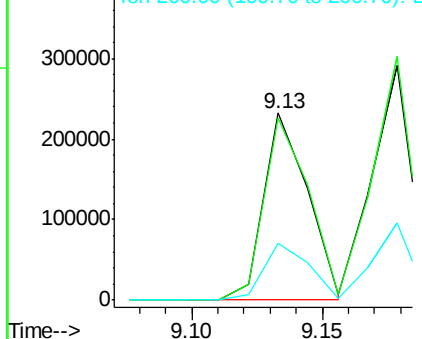
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

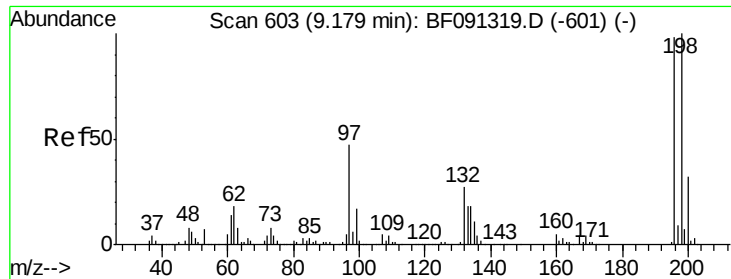


#42
 2,4,6-Trichlorophenol
 Concen: 39.86 ng
 RT: 9.13 min Scan# 599
 Delta R.T. -0.02 min
 Lab File: BF091390.D
 Acq: 2 Dec 2016 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	272170		
198	97.7	77.4	116.0	
200	30.7	25.2	37.8	

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





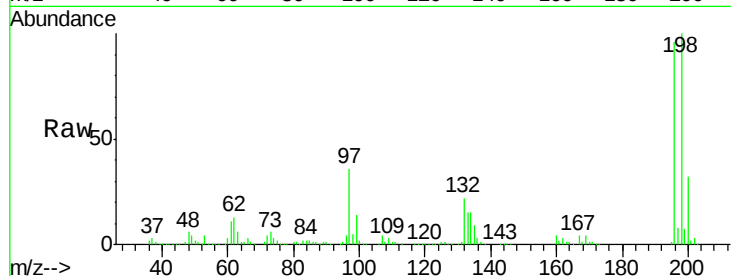
#43
 2,4,5-Trichlorophenol
 Concen: 43.19 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF091390.D
 Acq: 2 Dec 2016 15:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

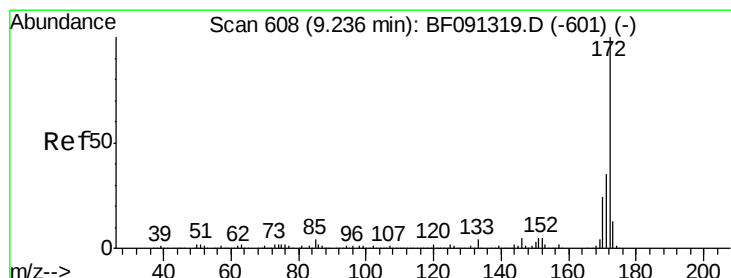
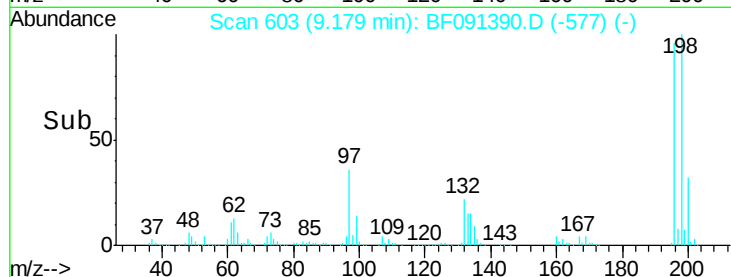
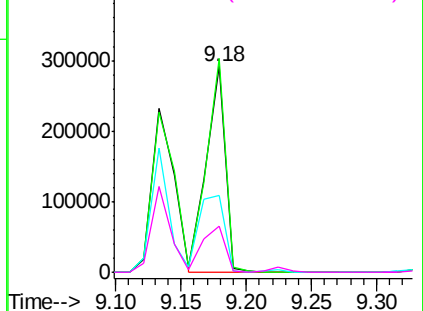
Tgt Ion:	196	Resp:	295499
Ion Ratio	Lower	Upper	
196	100		
198	103.8	77.0	115.6
97	37.4	33.5	50.3
132	22.5	20.5	30.7

Manual Integrations
 APPROVED

sohil
 12/5/2016 11:20:48 AM



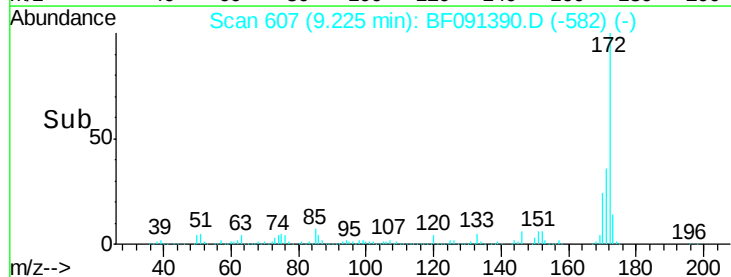
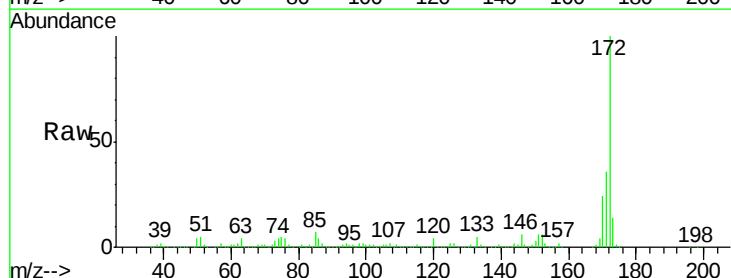
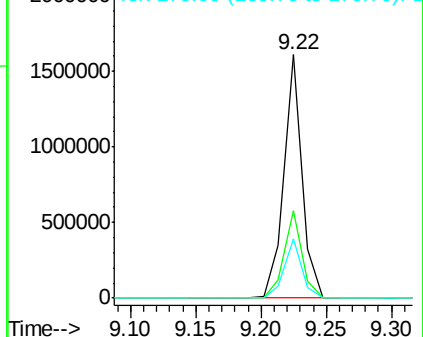
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

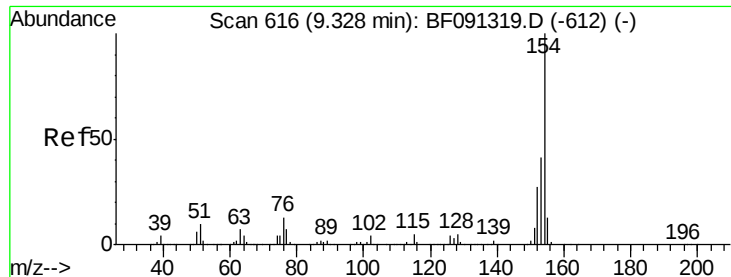


#44
 2-Fluorobiphenyl
 Concen: 76.54 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091390.D
 Acq: 2 Dec 2016 15:44

Tgt Ion:	172	Resp:	1575366
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.4	44.0
170	24.4	19.7	29.5

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





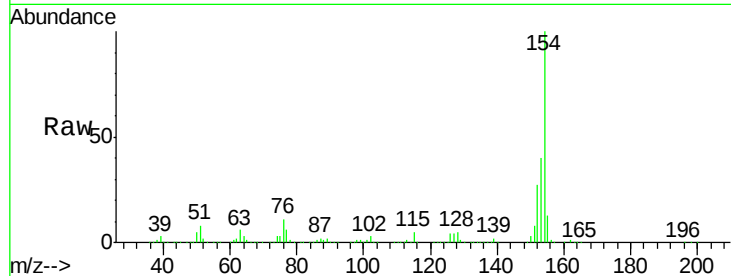
#45
 1,1'-Biphenyl
 Concen: 41.38 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF091390.D
 Acq: 2 Dec 2016 15:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

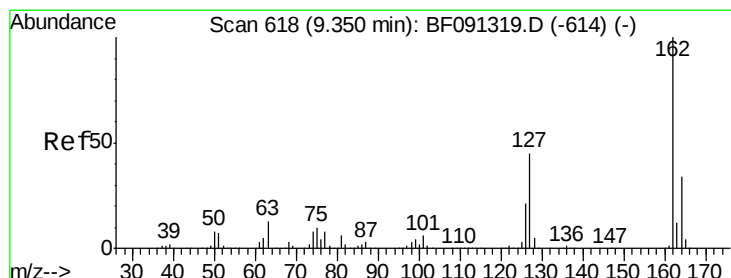
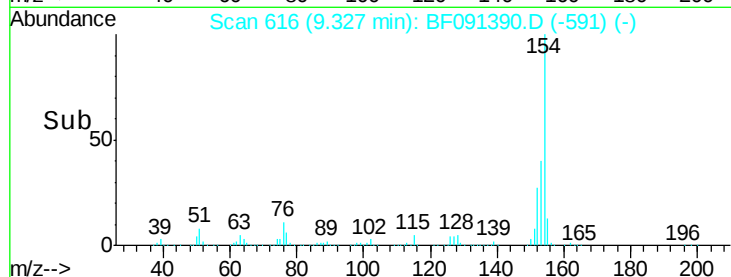
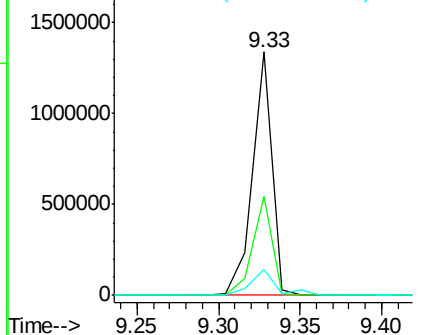
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.6	60.6
76	10.9	0.0	36.6

Manual Integrations
 APPROVED

sohil
 12/5/2016 11:20:48 AM

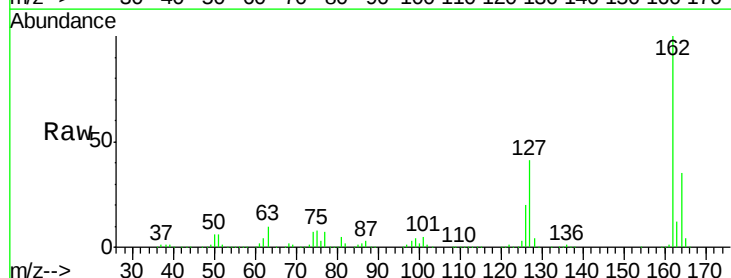


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

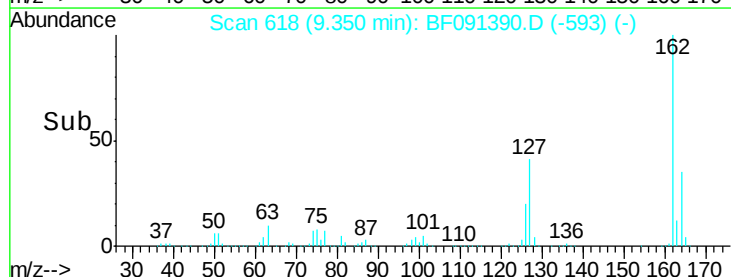
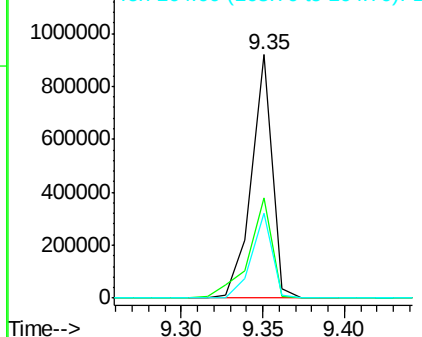


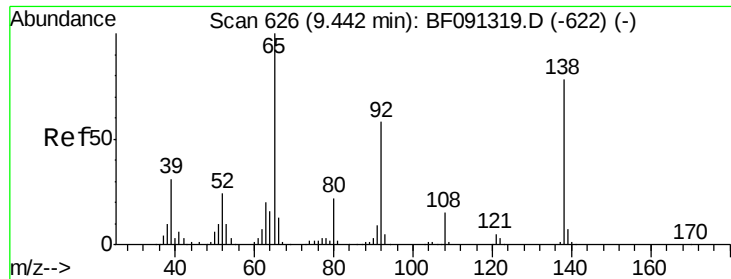
#46
 2-Chloronaphthalene
 Concen: 40.69 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF091390.D
 Acq: 2 Dec 2016 15:44

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.4	34.3	51.5
164	34.7	26.6	40.0



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





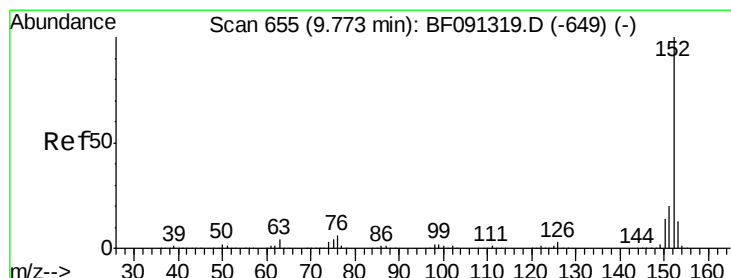
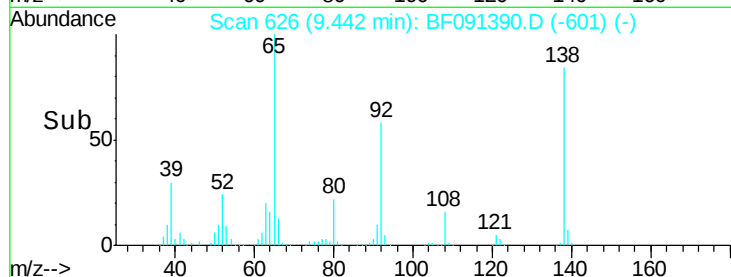
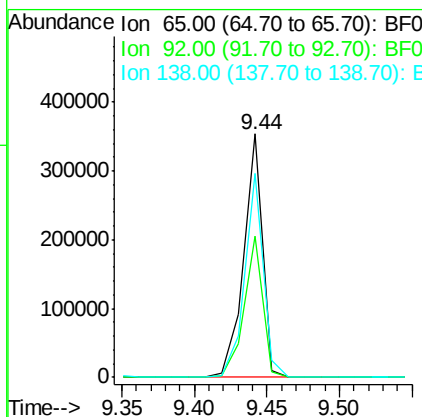
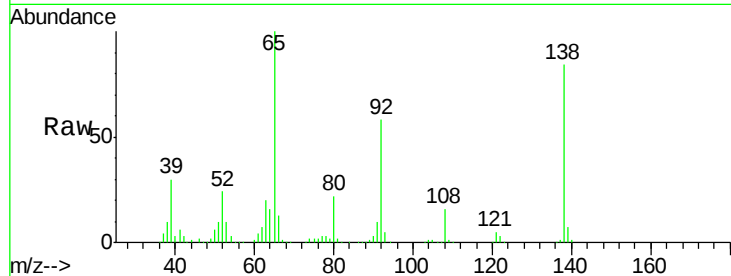
#47
2-Nitroaniline
Concen: 44.17 ng
RT: 9.44 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF091390.D
Acq: 2 Dec 2016 15:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
65	100		
92	58.0	53.6	80.4
138	83.5	91.0	136.6

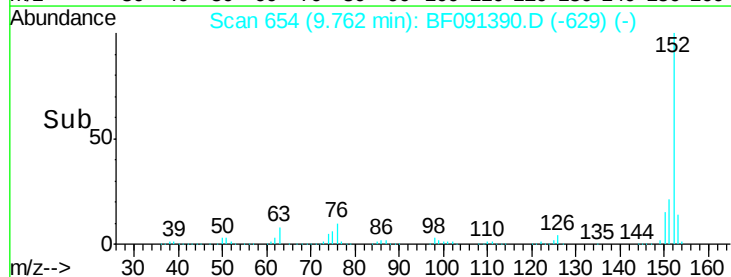
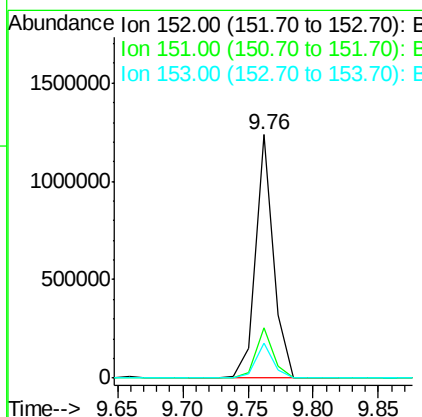
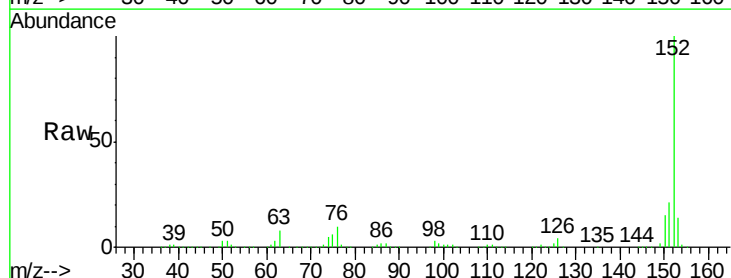
Manual Integrations
APPROVED

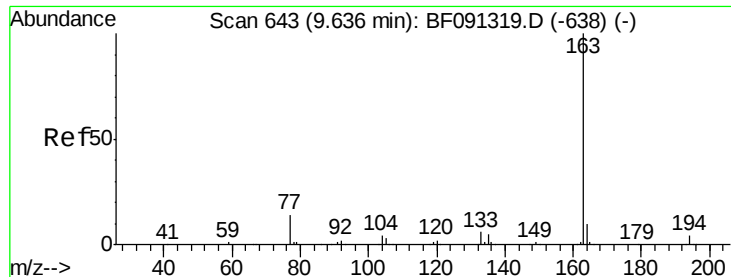
sohil
12/5/2016 11:20:48 AM



#48
Acenaphthylene
Concen: 37.57 ng
RT: 9.76 min Scan# 654
Delta R.T. -0.02 min
Lab File: BF091390.D
Acq: 2 Dec 2016 15:44

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.6	24.8
153	14.4	10.7	16.1





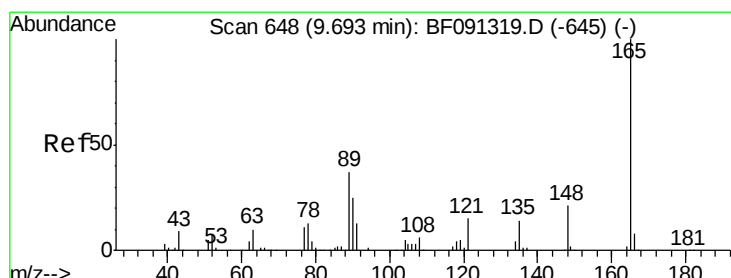
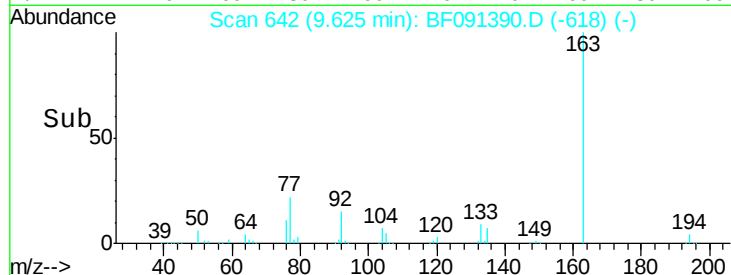
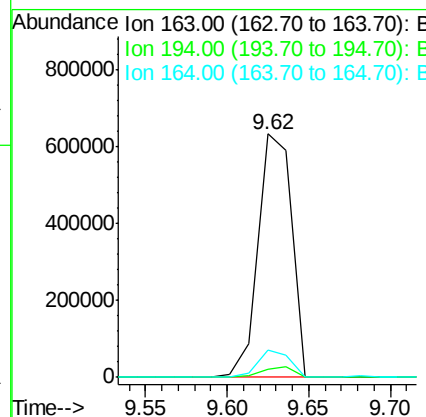
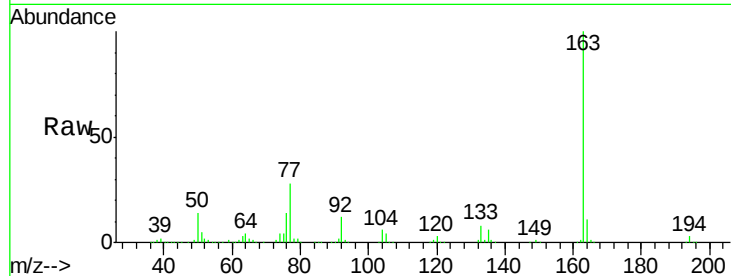
#49
Dimethylphthalate
Concen: 40.19 ng
RT: 9.62 min Scan# 642
Delta R.T. -0.03 min
Lab File: BF091390.D
Acq: 2 Dec 2016 15:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	906924		
194	3.3		3.0	4.4
164	11.2		7.8	11.8

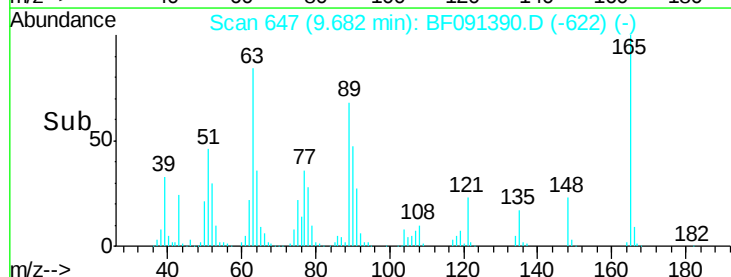
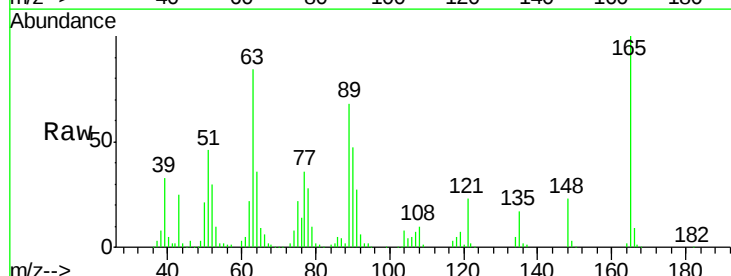
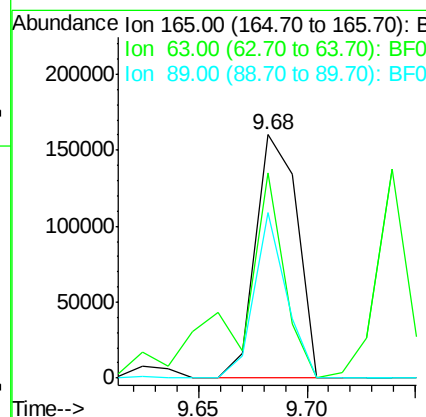
Manual Integrations
APPROVED

sohil
12/5/2016 11:20:48 AM



#50
2,6-Dinitrotoluene
Concen: 42.30 ng
RT: 9.68 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF091390.D
Acq: 2 Dec 2016 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	213345		
63	84.1		59.4	89.0
89	67.7		50.8	76.2





#51

Acenaphthene

Concen: 39.03 ng

RT: 9.93 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF091390.D

Acq: 2 Dec 2016 15:44

Instrument :

BNA_F

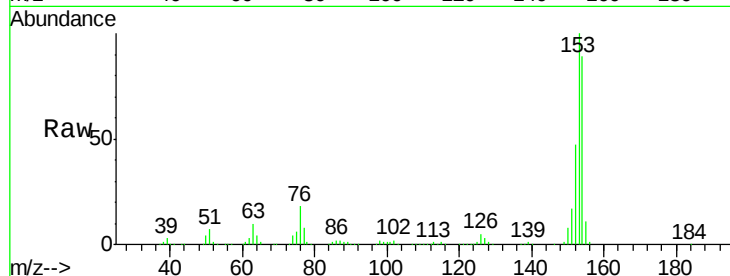
ClientSampleId :

SSTDCCC040

Tgt Ion:	154	Resp:	827030
Ion Ratio	Lower	Upper	
154	100		
153	112.6	91.0	136.6
152	52.5	44.2	66.2

Manual Integrations
APPROVED

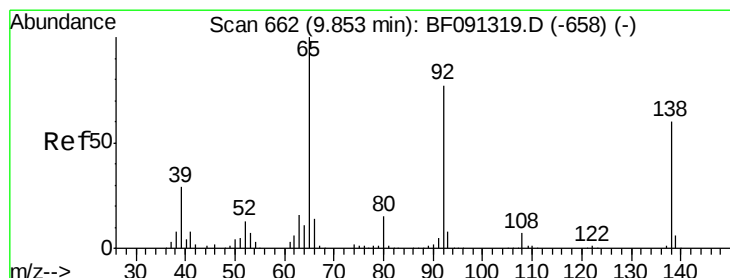
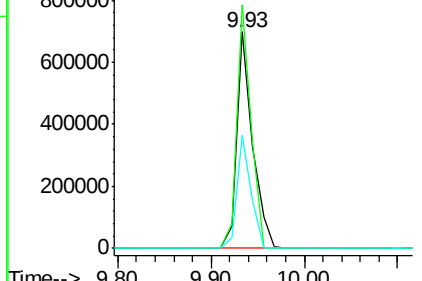
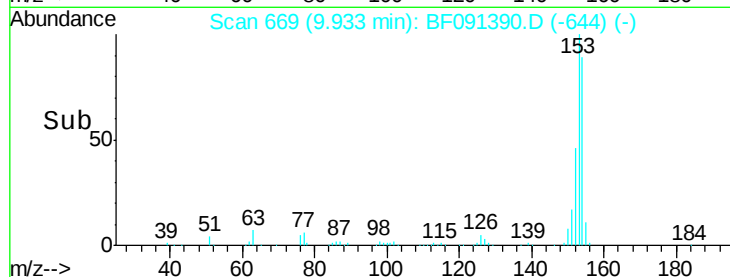
sohil
12/5/2016 11:20:48 AM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.19 ng

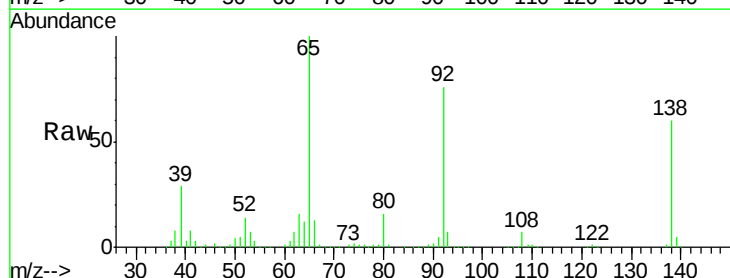
RT: 9.85 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF091390.D

Acq: 2 Dec 2016 15:44

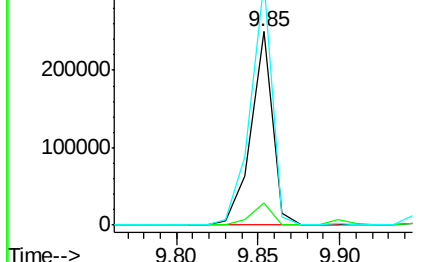
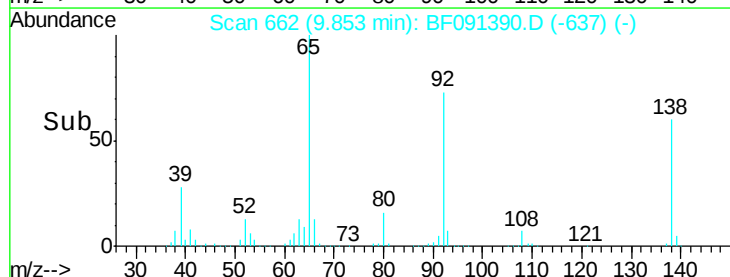
Tgt Ion:	138	Resp:	228740
Ion Ratio	Lower	Upper	
138	100		
108	11.2	8.1	12.1
92	126.0	92.5	138.7

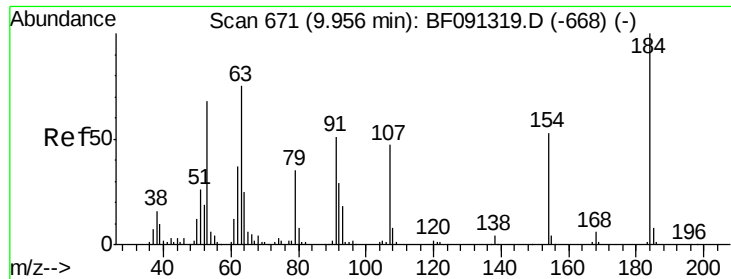


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





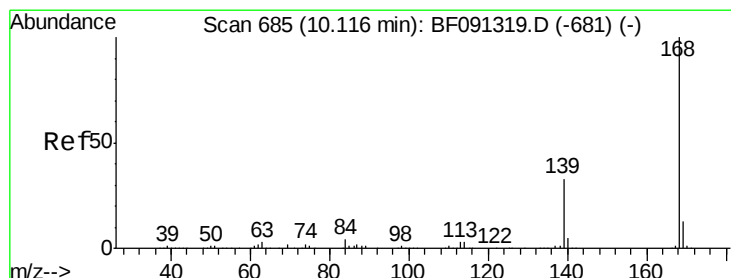
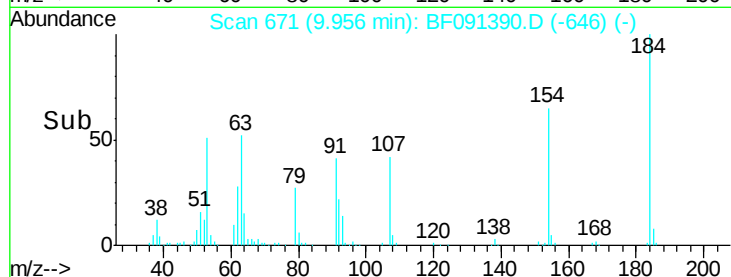
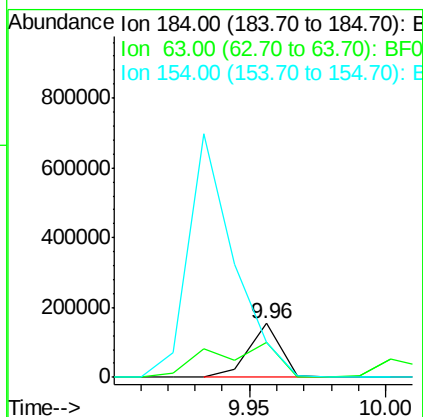
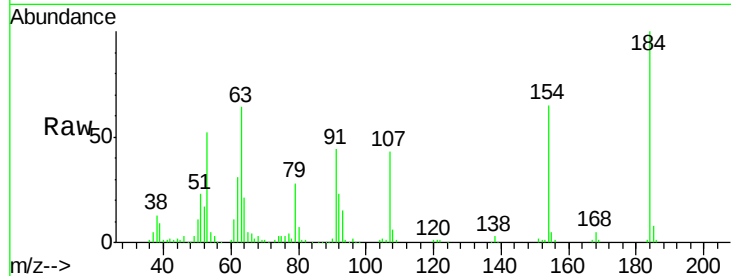
#53
2,4-Dinitrophenol
Concen: 57.88 ng m
RT: 9.96 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF091390.D
Acq: 2 Dec 2016 15:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	127661		
63	63.8	58.3	87.5	
154	65.4	48.6	73.0	

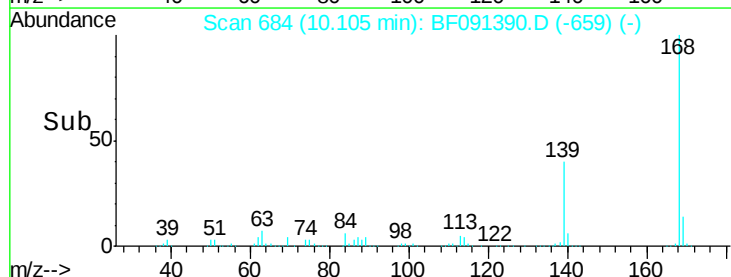
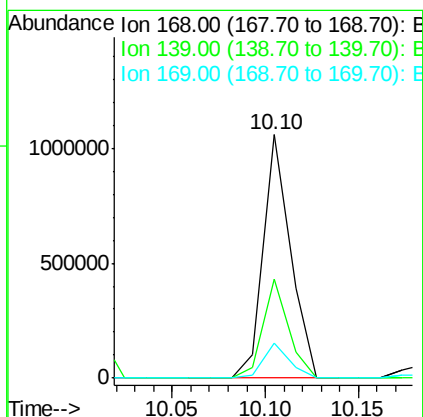
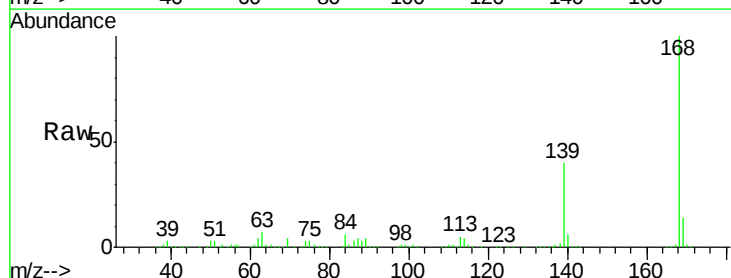
Manual Integrations
APPROVED

sohil
12/5/2016 11:20:48 AM



#54
Dibenzofuran
Concen: 37.53 ng
RT: 10.10 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF091390.D
Acq: 2 Dec 2016 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1064686		
139	40.5	33.4	50.2	
169	14.1	11.1	16.7	





#55

4-Nitrophenol

Concen: 47.87 ng

RT: 10.01 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF091390.D

Acq: 2 Dec 2016 15:44

Instrument :

BNA_F

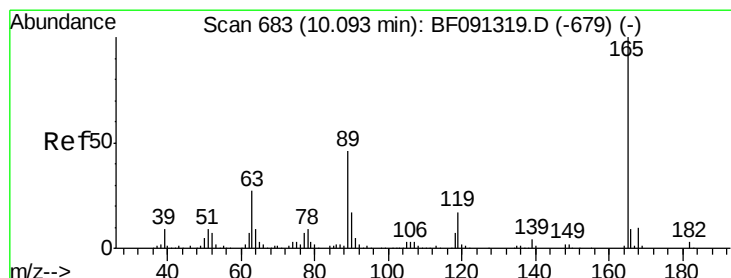
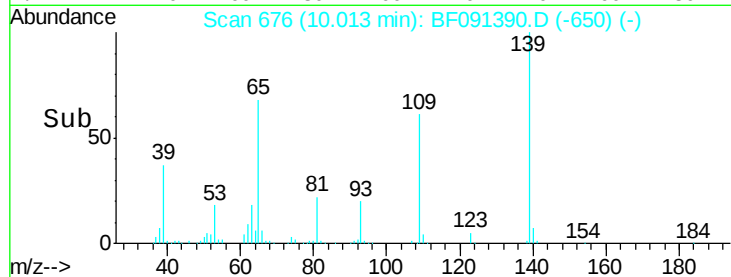
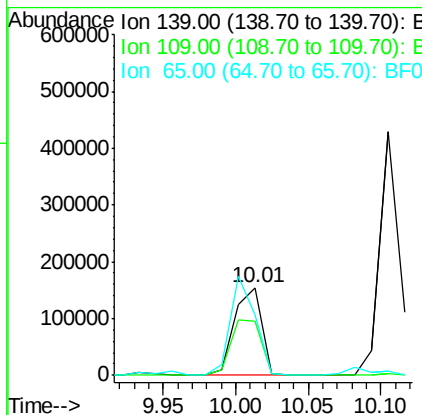
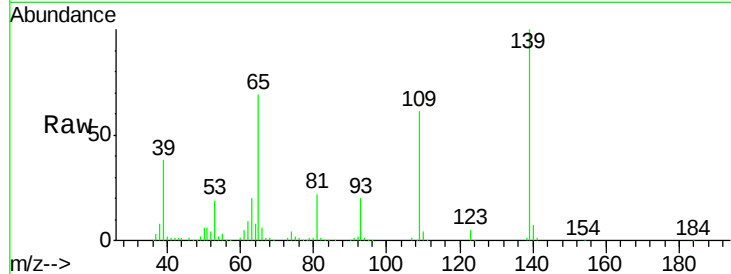
ClientSampleId :

SSTDCCC040

Tgt Ion:	139	Resp:	201850
Ion Ratio	Lower	Upper	
139	100		
109	61.3	54.9	94.9
65	68.6	102.2	142.2#

Manual Integrations
APPROVED

sohil
12/5/2016 11:20:48 AM



#56

2,4-Dinitrotoluene

Concen: 43.10 ng

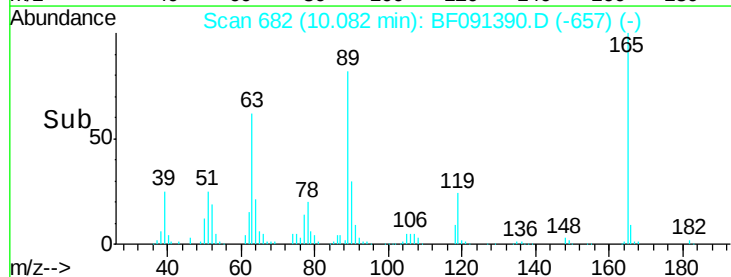
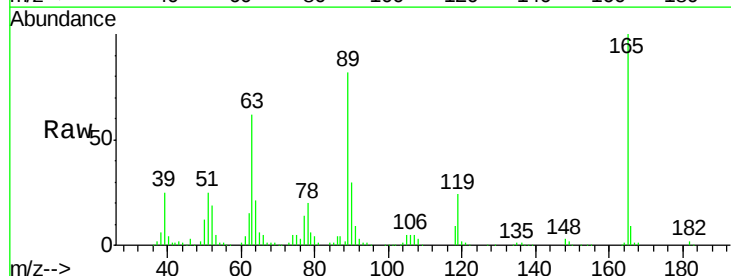
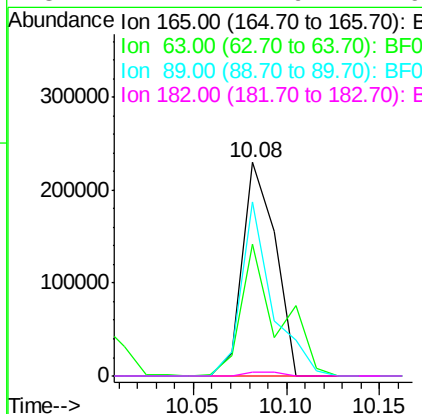
RT: 10.08 min Scan# 682

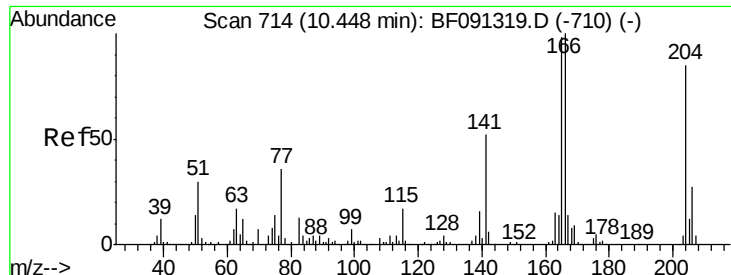
Delta R.T. -0.02 min

Lab File: BF091390.D

Acq: 2 Dec 2016 15:44

Tgt Ion:	165	Resp:	281979
Ion Ratio	Lower	Upper	
165	100		
63	61.9	29.0	43.4#
89	81.6	43.1	64.7#
182	2.1	1.9	2.9





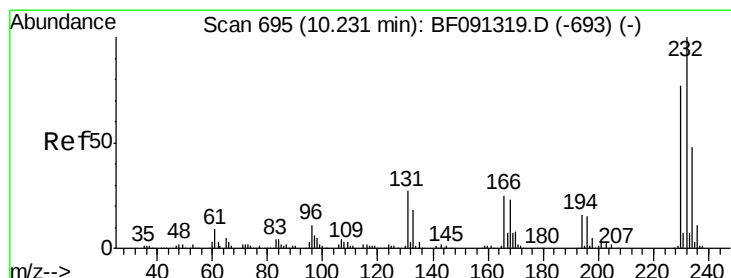
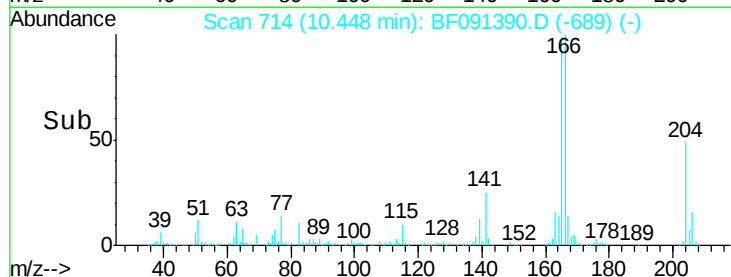
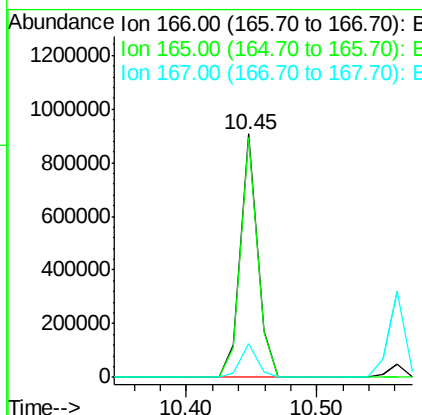
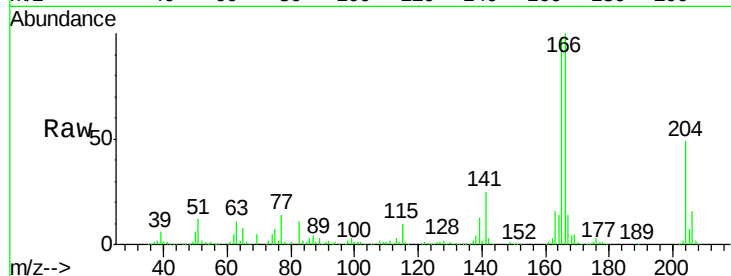
#57
Fluorene
 Concen: 37.86 ng
 RT: 10.45 min Scan# 714
 Delta R.T. -0.02 min
 Lab File: BF091390.D
 Acq: 2 Dec 2016 15:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	824605		
165	98.4	80.0	120.0	
167	14.0	10.8	16.2	

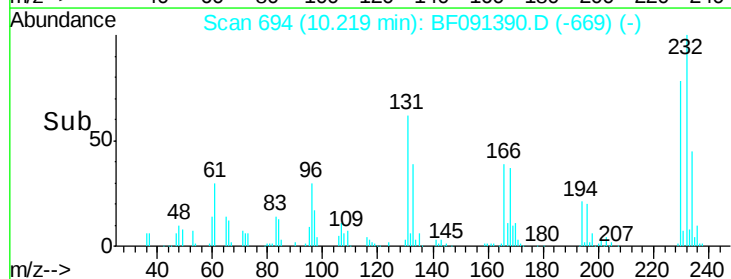
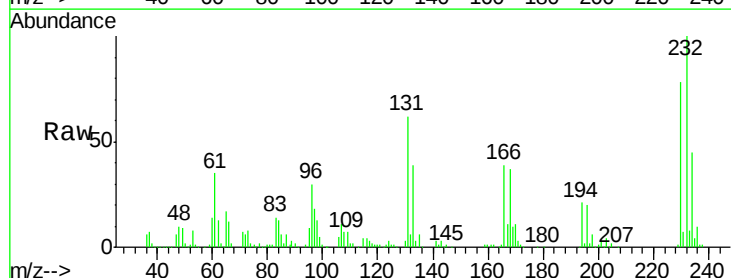
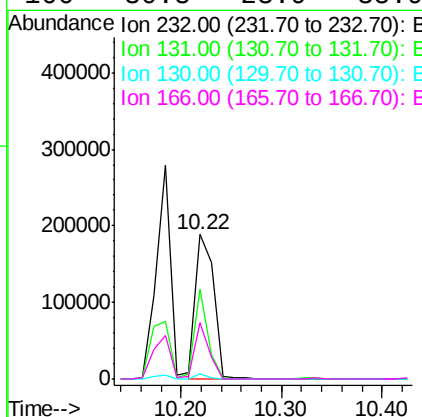
Manual Integrations
 APPROVED

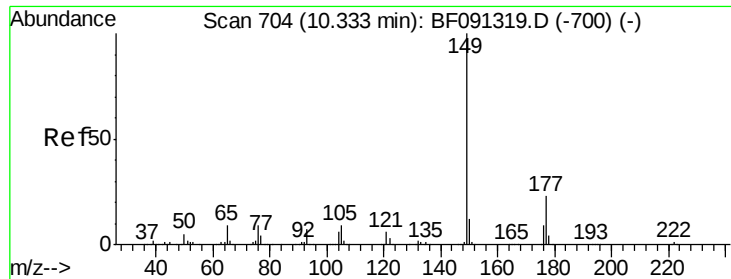
sohil
 12/5/2016 11:20:48 AM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 40.80 ng
 RT: 10.22 min Scan# 694
 Delta R.T. -0.02 min
 Lab File: BF091390.D
 Acq: 2 Dec 2016 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	238371		
131	45.6	38.4	57.6	
130	2.3	1.8	2.8	
166	30.8	23.9	35.9	





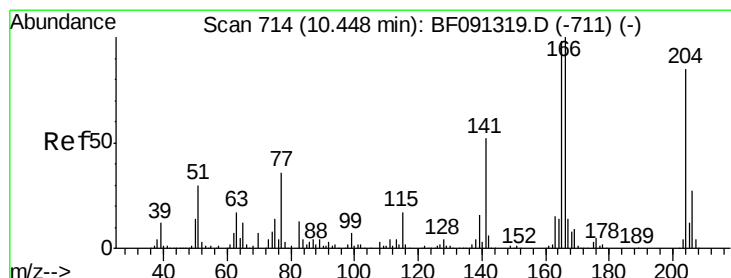
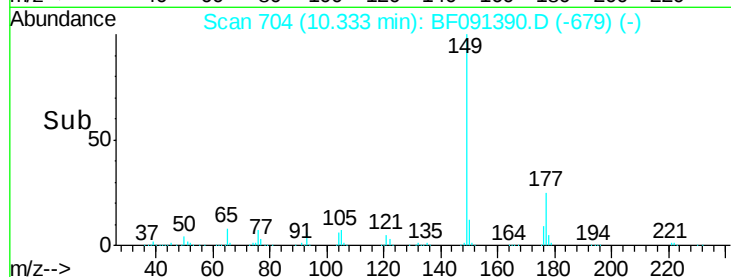
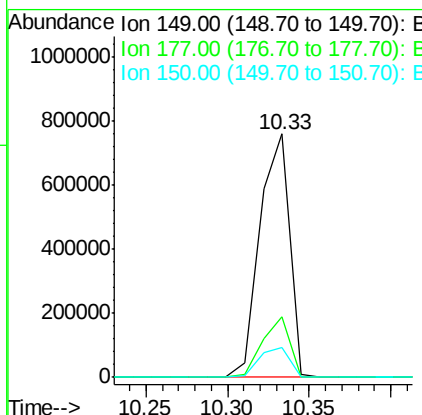
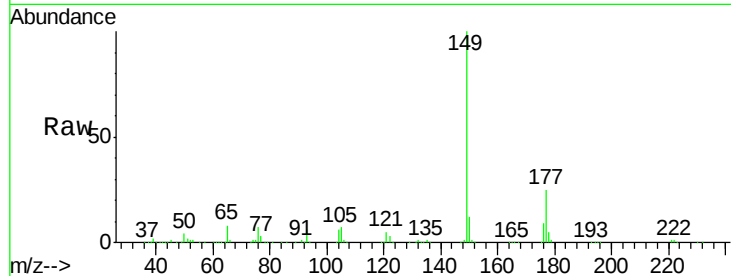
#59
Diethylphthalate
Concen: 43.24 ng
RT: 10.33 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF091390.D
Acq: 2 Dec 2016 15:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.7	15.7	23.5#
150	12.2	10.2	15.2

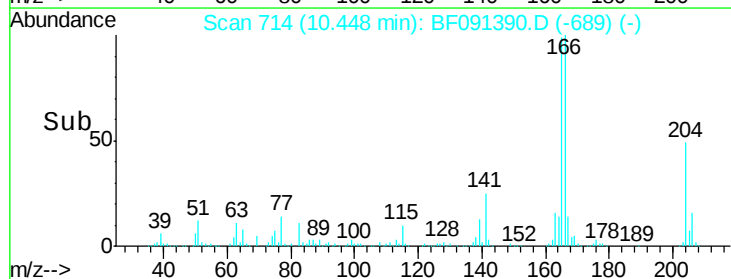
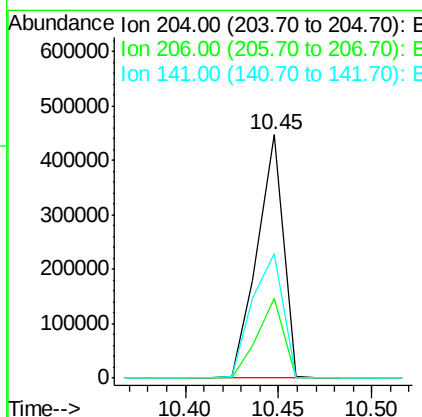
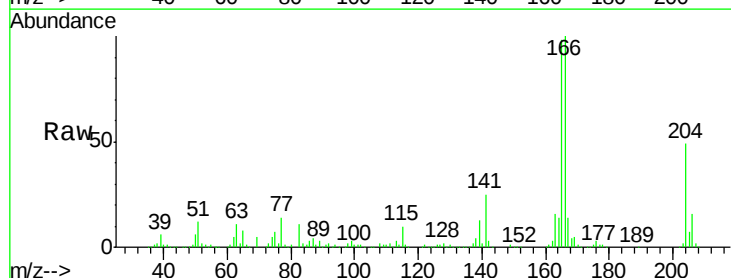
Manual Integrations
APPROVED

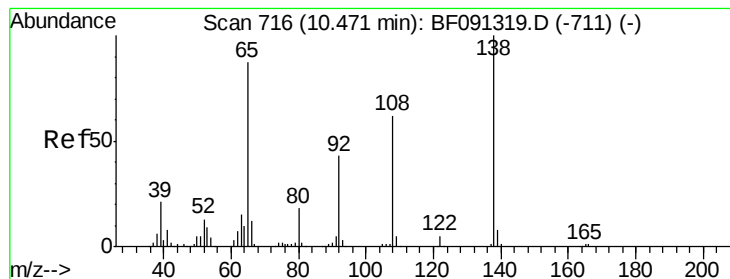
sohil
12/5/2016 11:20:48 AM



#60
4-Chlorophenyl-phenylether
Concen: 39.82 ng
RT: 10.45 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF091390.D
Acq: 2 Dec 2016 15:44

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.1	39.1
141	51.1	40.6	61.0





#61

4-Nitroaniline

Concen: 48.48 ng

RT: 10.47 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF091390.D

Acq: 2 Dec 2016 15:44

Instrument :

BNA_F

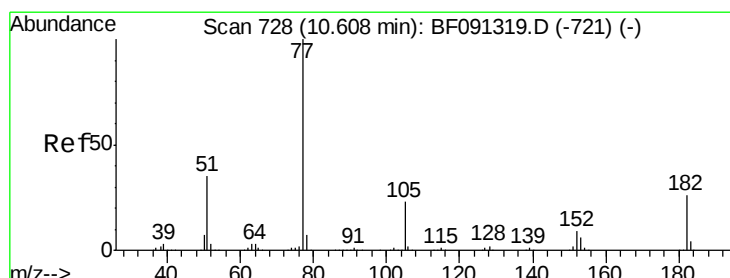
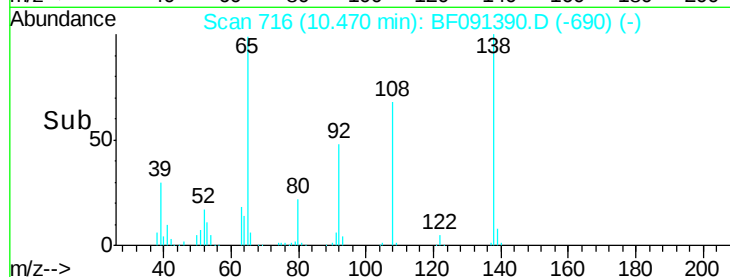
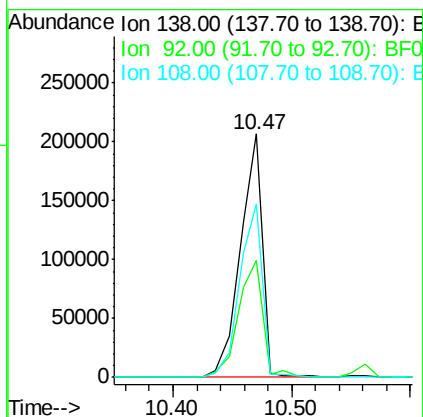
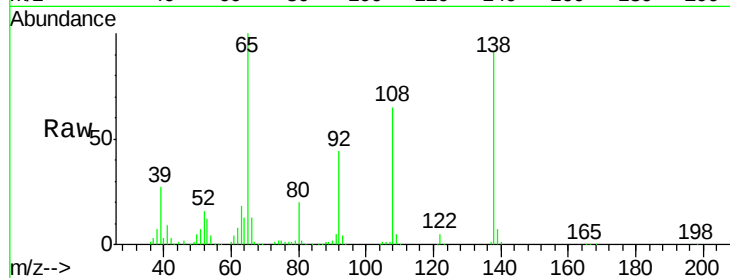
ClientSampleId :

SSTDCCC040

Tgt Ion:	138	Resp:	265757
Ion Ratio	Lower	Upper	
138	100		
92	48.2	26.9	66.9
108	71.2	49.1	89.1

Manual Integrations
APPROVED

sohil
12/5/2016 11:20:48 AM



#62

Azobenzene

Concen: 43.74 ng

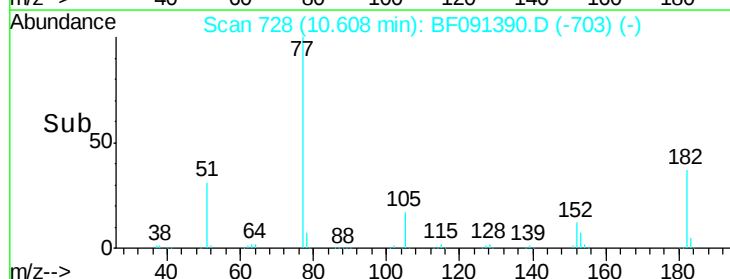
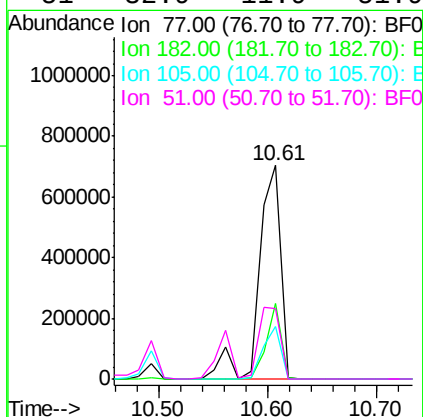
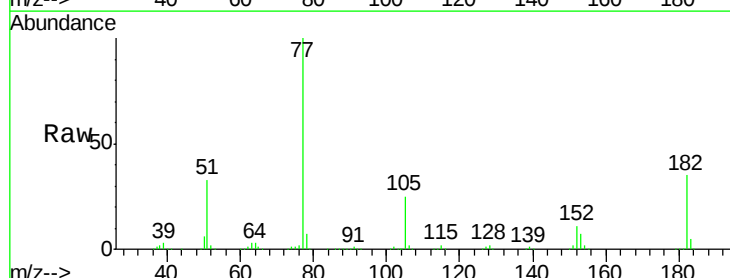
RT: 10.61 min Scan# 728

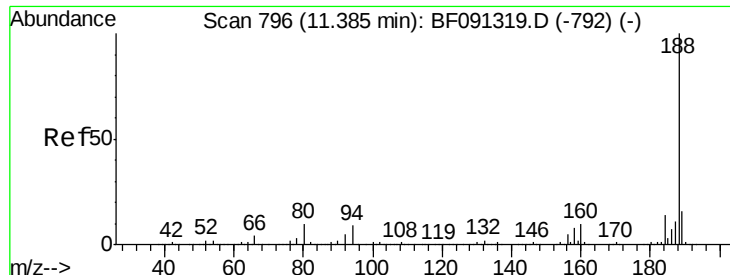
Delta R.T. -0.02 min

Lab File: BF091390.D

Acq: 2 Dec 2016 15:44

Tgt Ion:	77	Resp:	994073
Ion Ratio	Lower	Upper	
77	100		
182	35.1	12.5	52.5
105	24.8	3.7	43.7
51	32.9	11.9	51.9





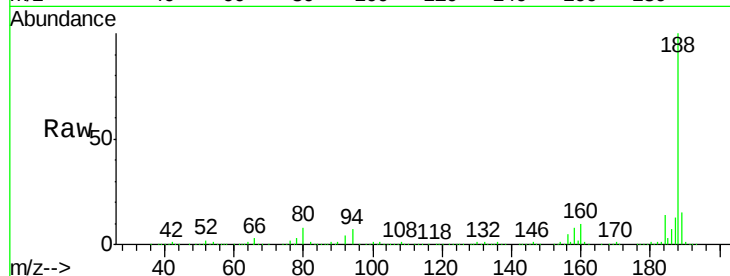
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091390.D
Acq: 2 Dec 2016 15:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

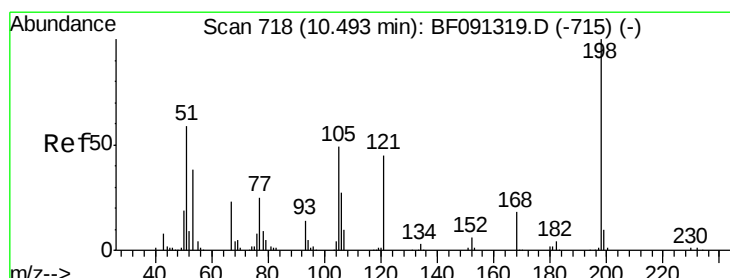
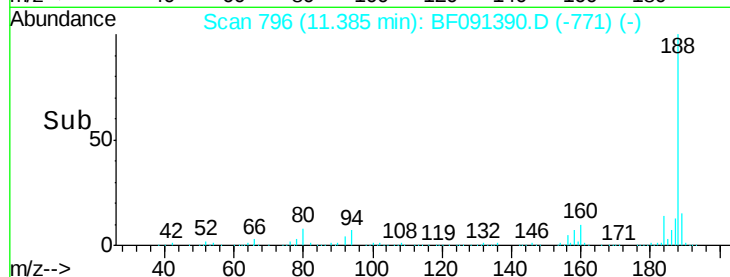
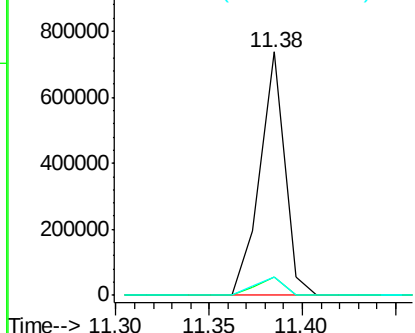
Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.4	9.2	13.8#
80	7.7	10.5	15.7#

Manual Integrations
APPROVED

sohil
12/5/2016 11:20:48 AM

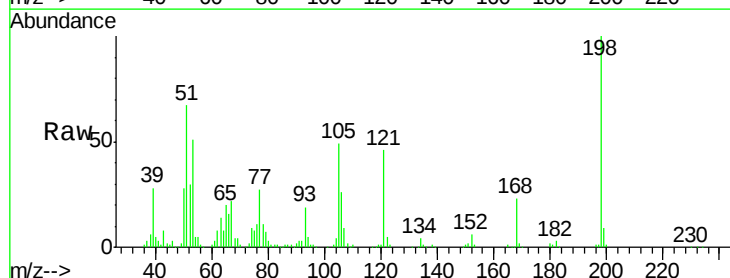


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

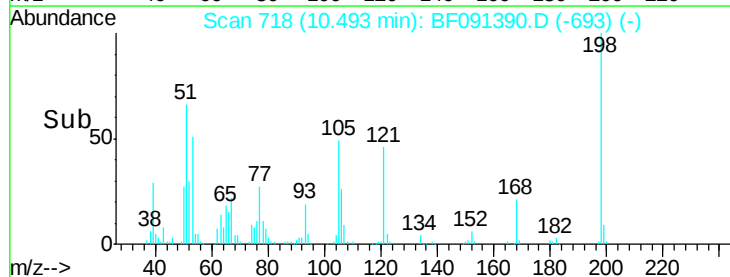
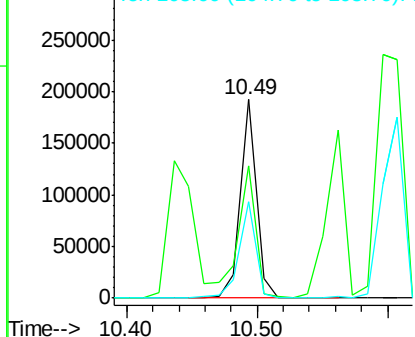


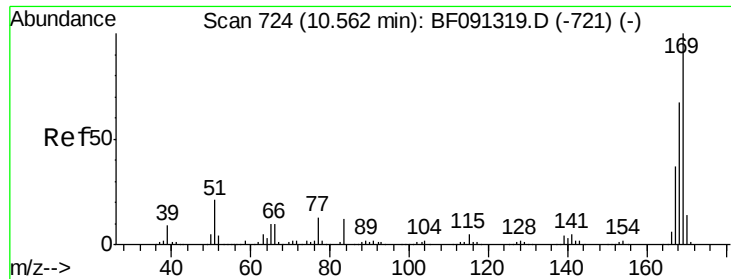
#64
4,6-Dinitro-2-methylphenol
Concen: 43.45 ng
RT: 10.49 min Scan# 718
Delta R.T. -0.02 min
Lab File: BF091390.D
Acq: 2 Dec 2016 15:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	66.5	77.1	117.1#
105	48.6	44.8	84.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.50 ng

RT: 10.56 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF091390.D

Acq: 2 Dec 2016 15:44

Instrument :

BNA_F

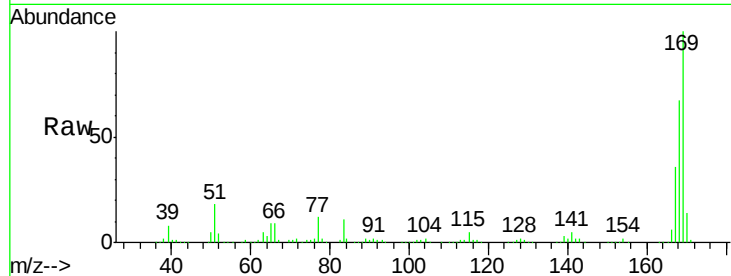
ClientSampleId :

SSTDCCC040

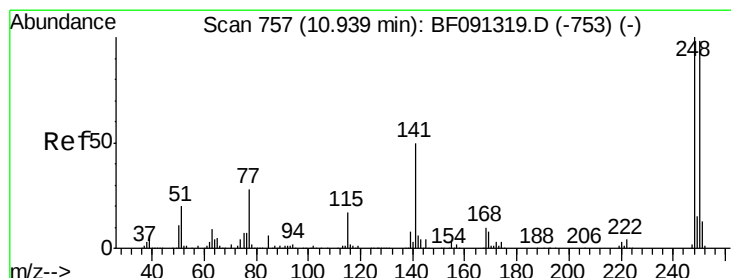
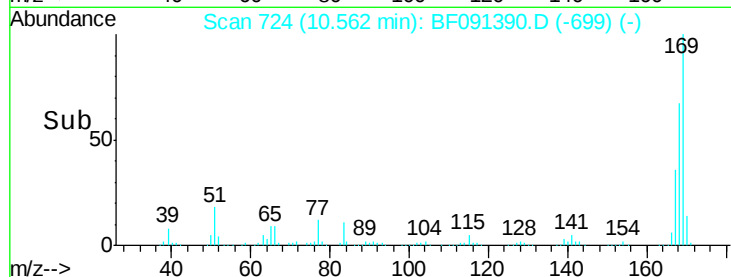
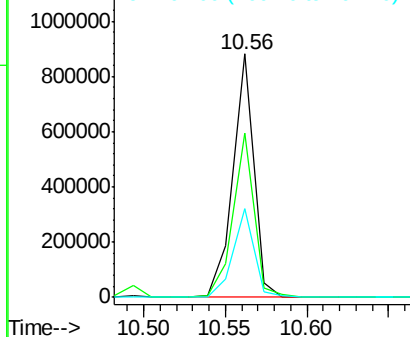
Tgt Ion:	169	Resp:	774998
Ion Ratio	Lower	Upper	
169	100		
168	67.5	53.8	80.8
167	36.4	29.8	44.8

Manual Integrations
APPROVED

sohil
12/5/2016 11:20:48 AM



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.58 ng

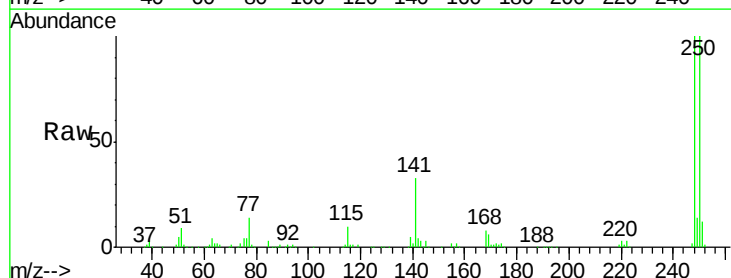
RT: 10.94 min Scan# 757

Delta R.T. -0.02 min

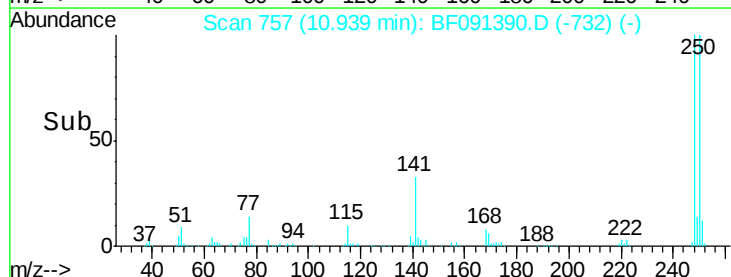
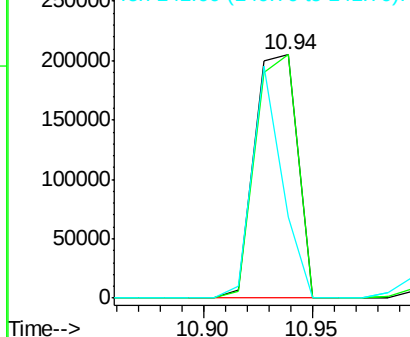
Lab File: BF091390.D

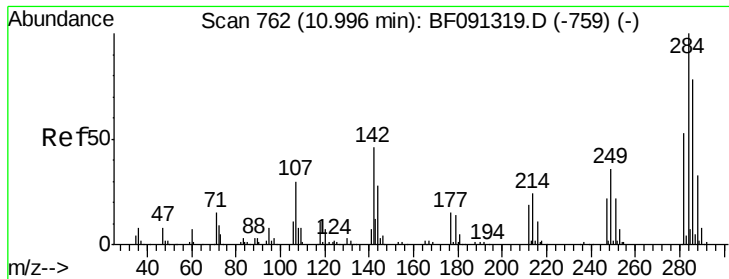
Acq: 2 Dec 2016 15:44

Tgt Ion:	248	Resp:	282638
Ion Ratio	Lower	Upper	
248	100		
250	99.9	78.2	117.4
141	33.2	71.9	107.9#



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





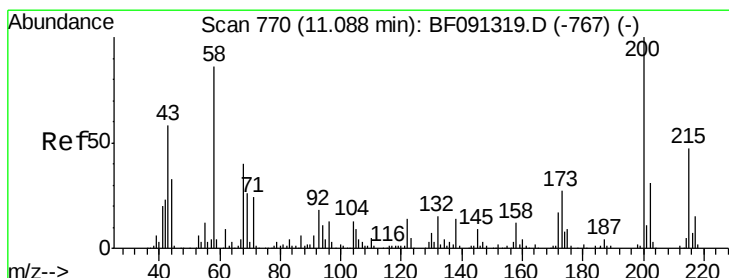
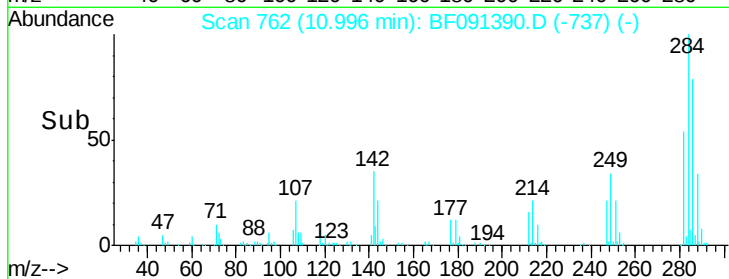
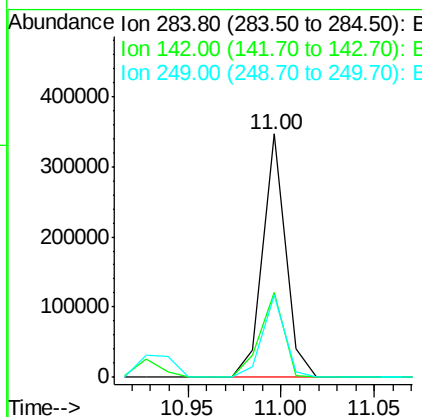
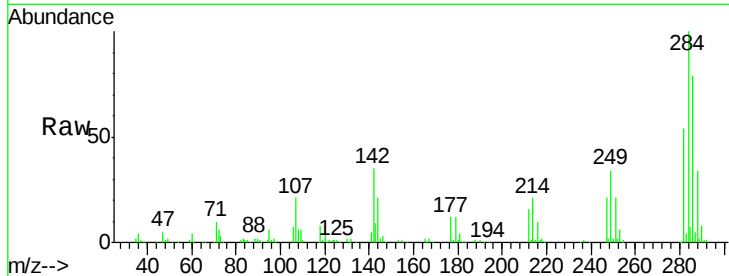
#67
Hexachlorobenzene
Concen: 36.99 ng
RT: 11.00 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF091390.D
Acq: 2 Dec 2016 15:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	34.7	17.9	26.9#
249	33.7	23.6	35.4

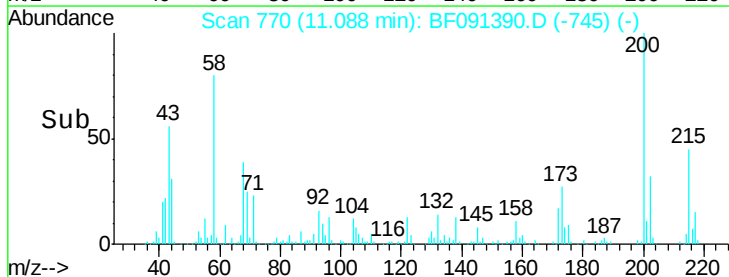
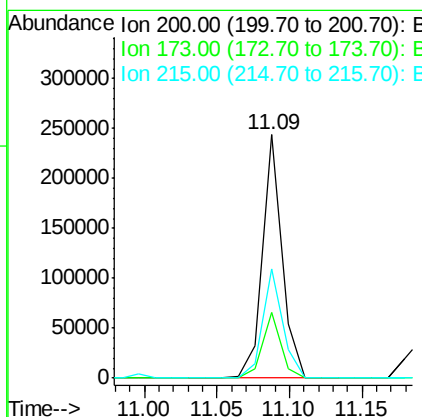
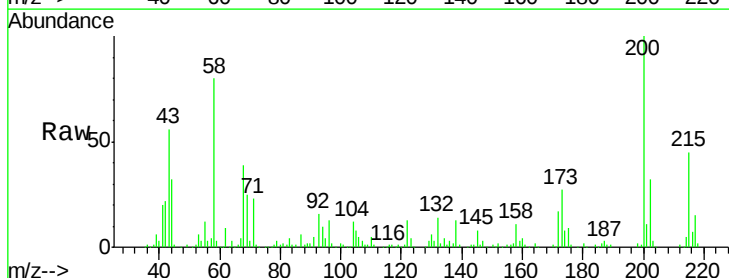
Manual Integrations
APPROVED

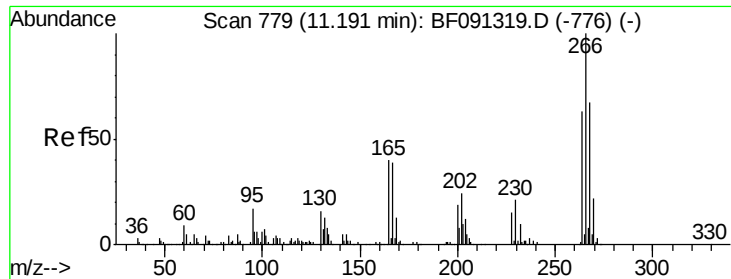
sohil
12/5/2016 11:20:48 AM



#68
Atrazine
Concen: 34.08 ng
RT: 11.09 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF091390.D
Acq: 2 Dec 2016 15:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.9	7.8	47.8
215	44.8	24.3	64.3





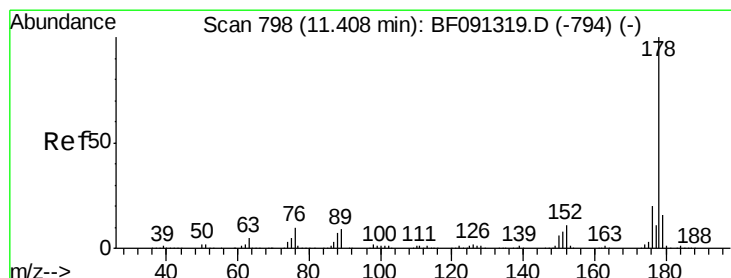
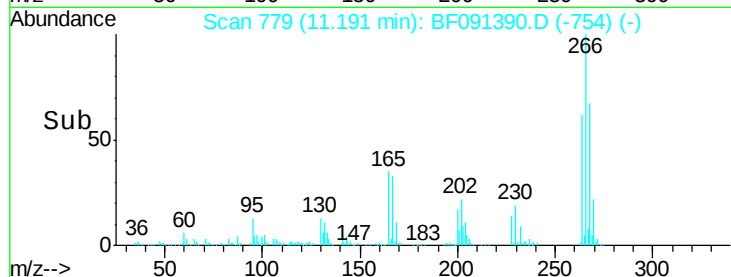
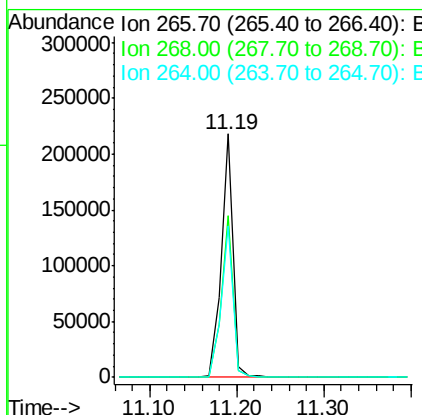
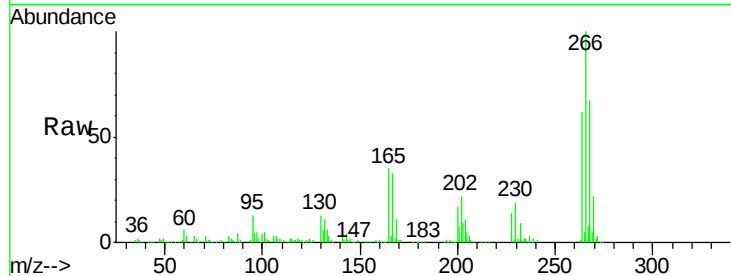
#69
 Pentachlorophenol
 Concen: 45.02 ng
 RT: 11.19 min Scan# 779
 Delta R.T. -0.02 min
 Lab File: BF091390.D
 Acq: 2 Dec 2016 15:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.6	50.3	75.5
264	62.4	48.2	72.2

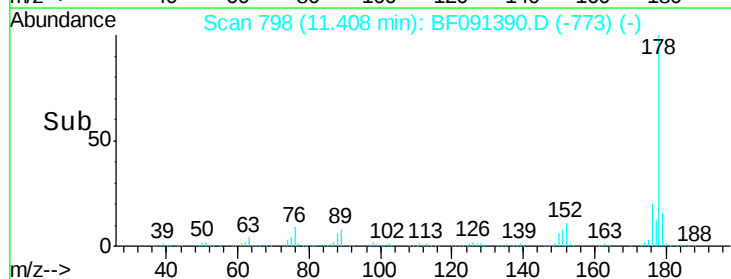
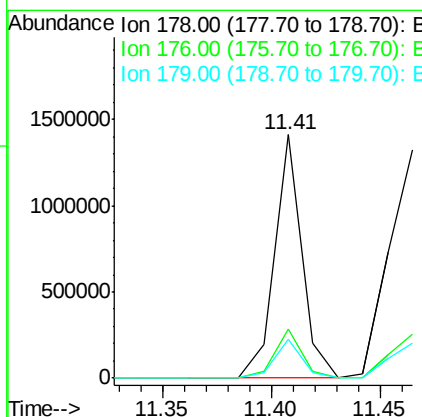
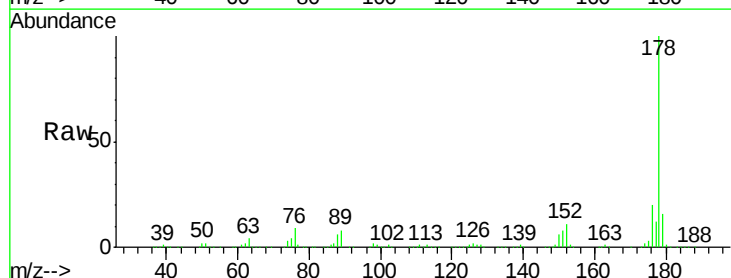
Manual Integrations
 APPROVED

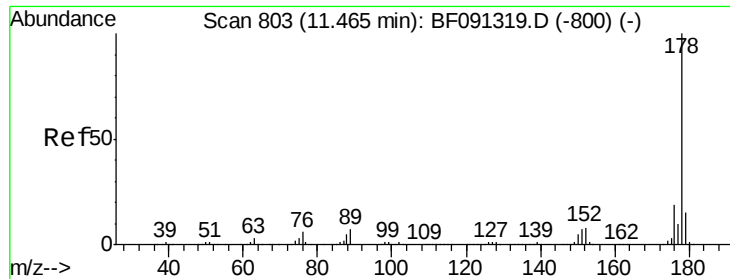
sohil
 12/5/2016 11:20:48 AM



#70
 Phenanthrene
 Concen: 35.22 ng
 RT: 11.41 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF091390.D
 Acq: 2 Dec 2016 15:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.9	23.9
179	16.0	12.6	18.8





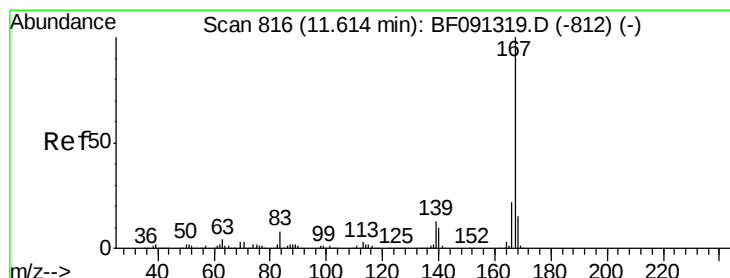
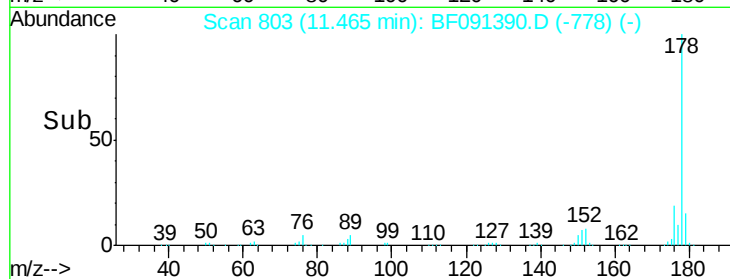
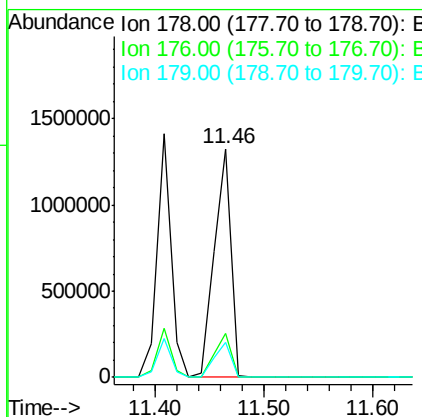
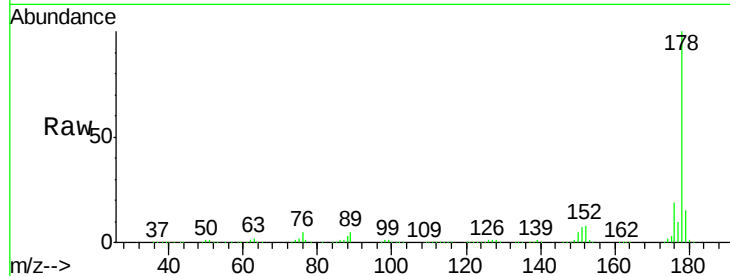
#71
 Anthracene
 Concen: 40.91 ng
 RT: 11.46 min Scan# 803
 Delta R.T. -0.02 min
 Lab File: BF091390.D
 Acq: 2 Dec 2016 15:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 1438189
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.6
 179 15.3 12.7 19.1

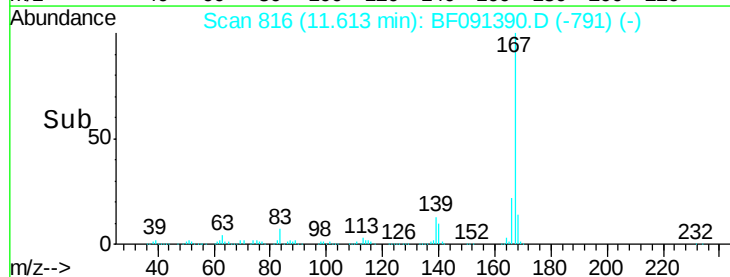
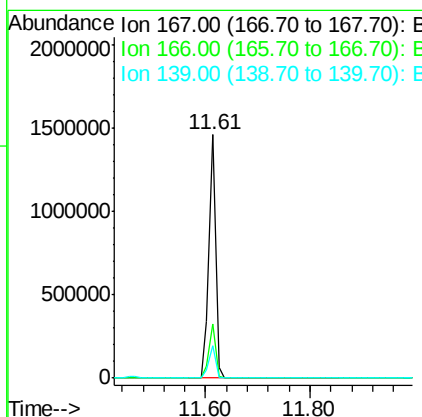
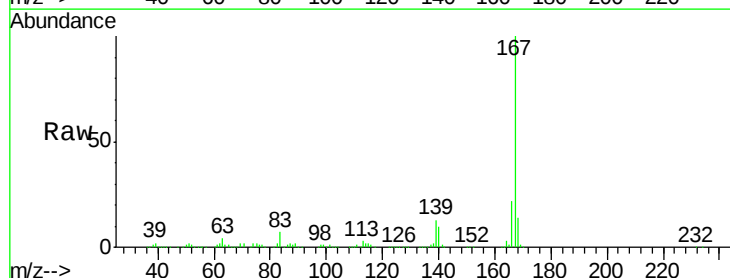
Manual Integrations
 APPROVED

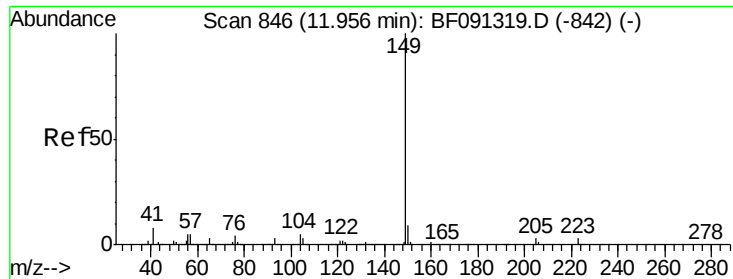
sohil
 12/5/2016 11:20:48 AM



#72
 Carbazole
 Concen: 40.71 ng
 RT: 11.61 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF091390.D
 Acq: 2 Dec 2016 15:44

Tgt Ion:167 Resp: 1298596
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 13.2 11.5 17.3





#73

Di-n-butylphthalate

Concen: 41.72 ng

RT: 11.96 min Scan# 846

Delta R.T. -0.02 min

Lab File: BF091390.D

Acq: 2 Dec 2016 15:44

Instrument :

BNA_F

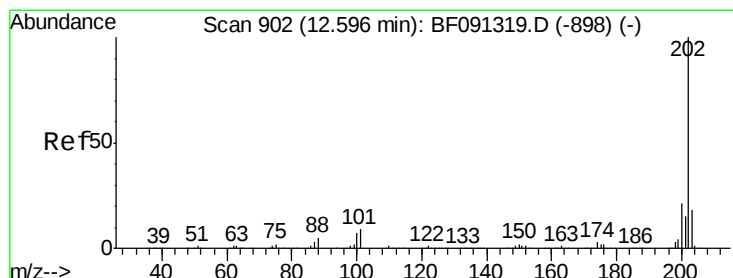
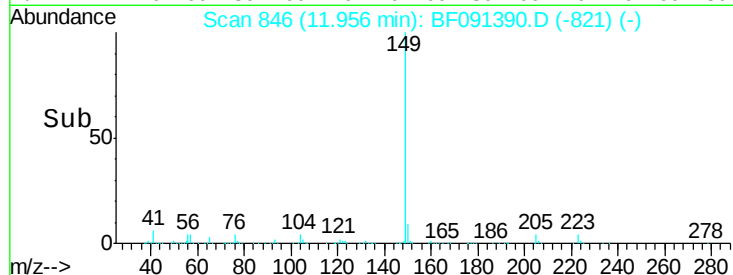
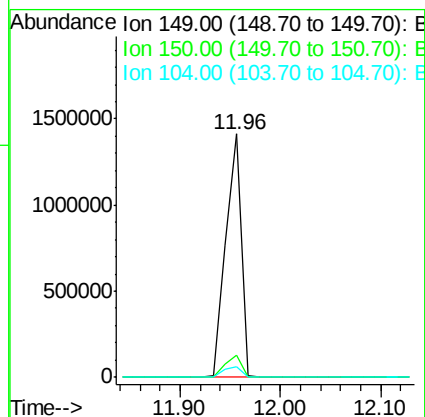
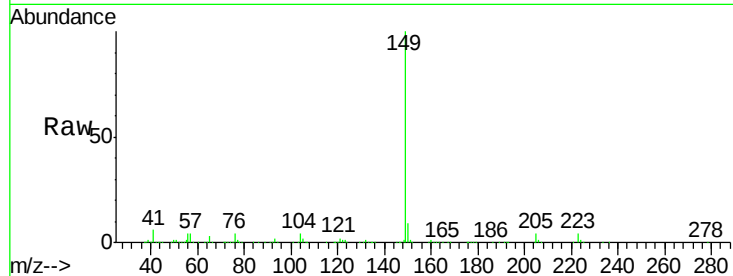
ClientSampleId :

SSTDCCC040

Tgt Ion:	149	Resp:	1508412
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.5	11.3
104	4.2	4.0	6.0

Manual Integrations
APPROVED

sohil
12/5/2016 11:20:48 AM



#74

Fluoranthene

Concen: 46.64 ng

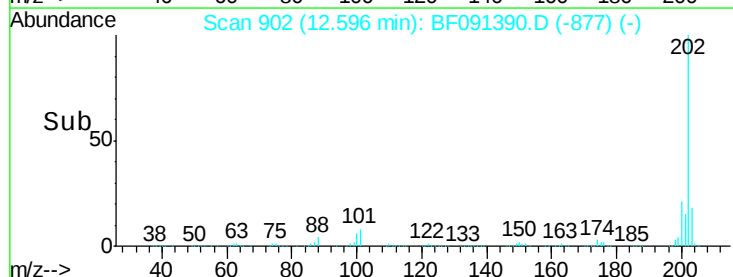
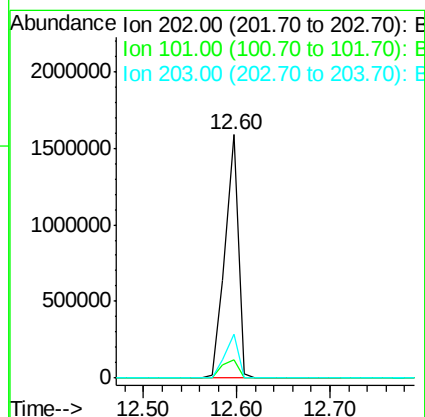
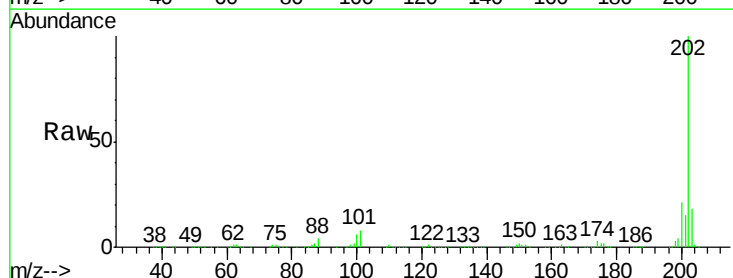
RT: 12.60 min Scan# 902

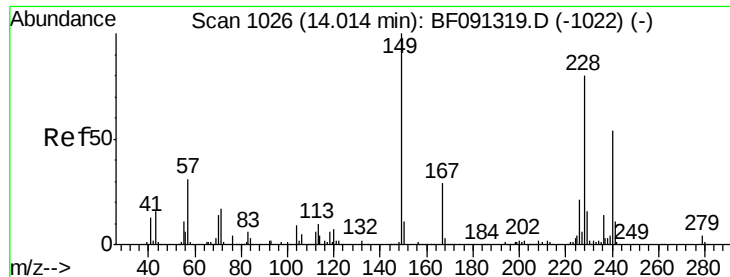
Delta R.T. -0.02 min

Lab File: BF091390.D

Acq: 2 Dec 2016 15:44

Tgt Ion:	202	Resp:	1564676
Ion Ratio	Lower	Upper	
202	100		
101	7.7	0.0	29.5
203	17.9	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF091390.D

Acq: 2 Dec 2016 15:44

Instrument :

BNA_F

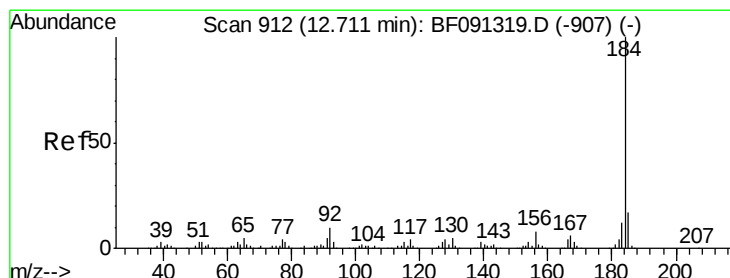
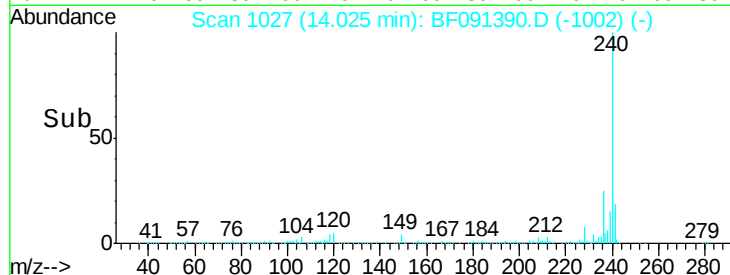
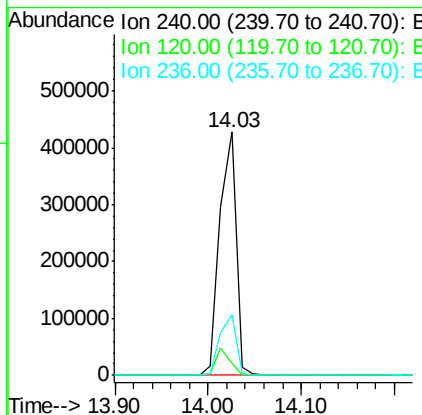
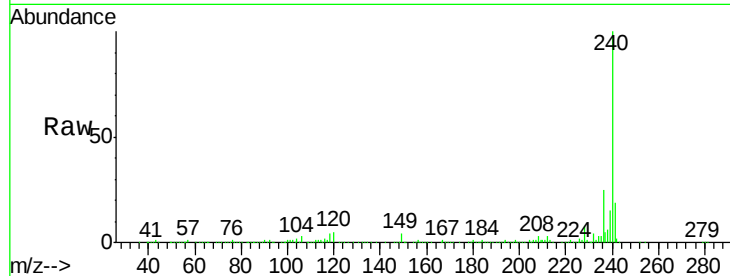
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	520829		
120	5.0	12.1	18.1	#
236	25.0	21.0	31.6	

Manual Integrations
APPROVED

sohil
12/5/2016 11:20:48 AM



#76

Benzidine

Concen: 37.10 ng

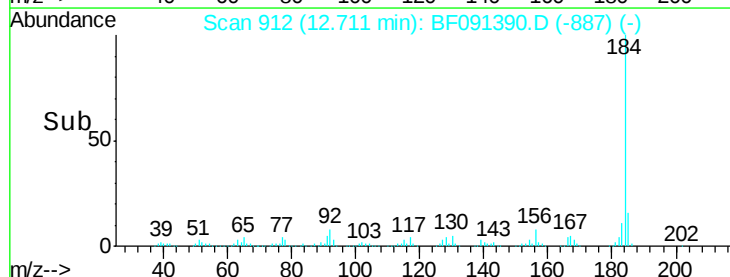
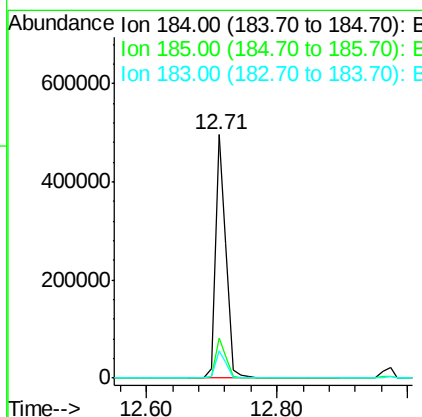
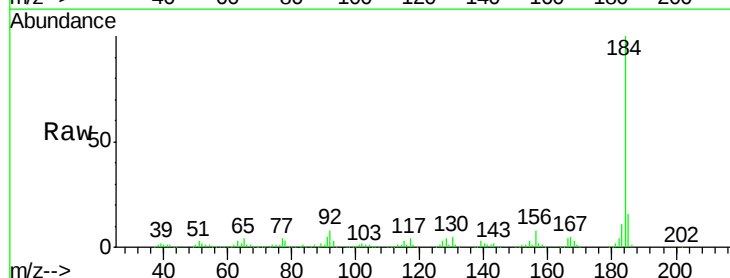
RT: 12.71 min Scan# 912

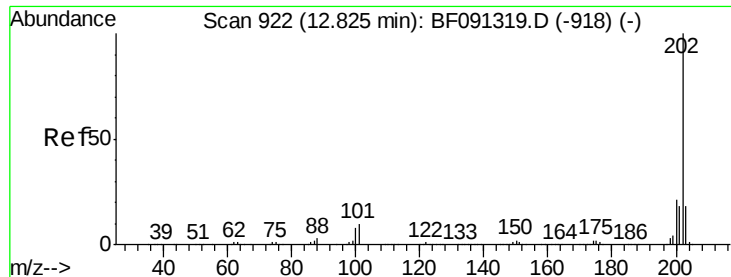
Delta R.T. -0.02 min

Lab File: BF091390.D

Acq: 2 Dec 2016 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	567231		
185	16.3	13.1	19.7	
183	11.4	8.9	13.3	





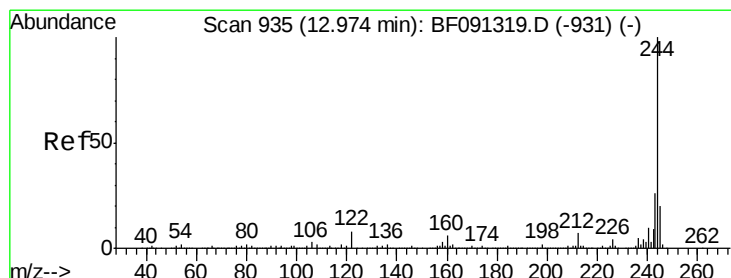
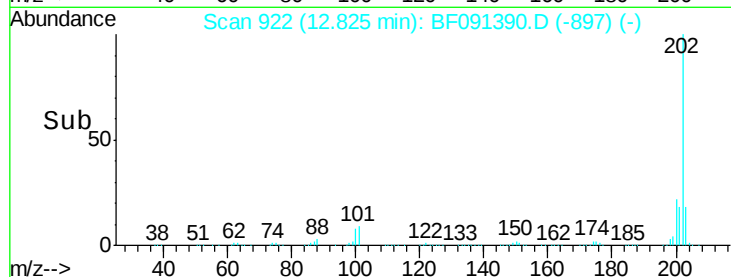
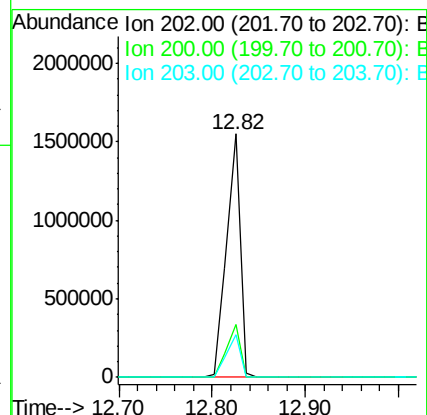
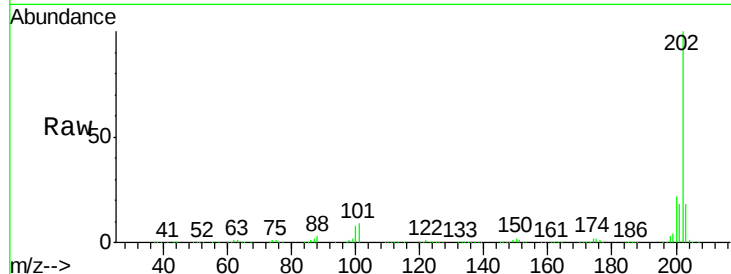
#77
 Pyrene
 Concen: 40.15 ng
 RT: 12.82 min Scan# 922
 Delta R.T. -0.02 min
 Lab File: BF091390.D
 Acq: 2 Dec 2016 15:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.6	26.4
203	17.7	14.0	21.0

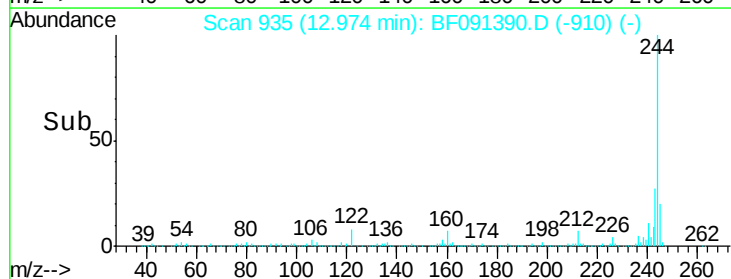
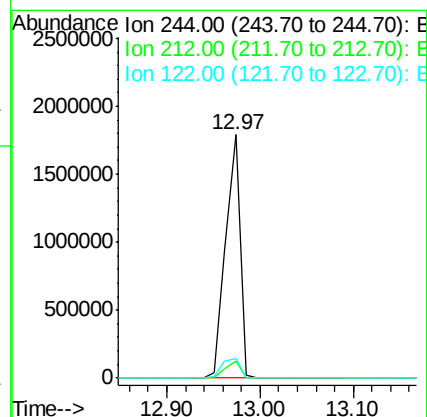
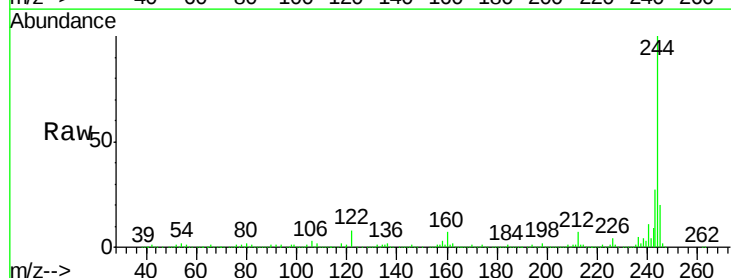
Manual Integrations
 APPROVED

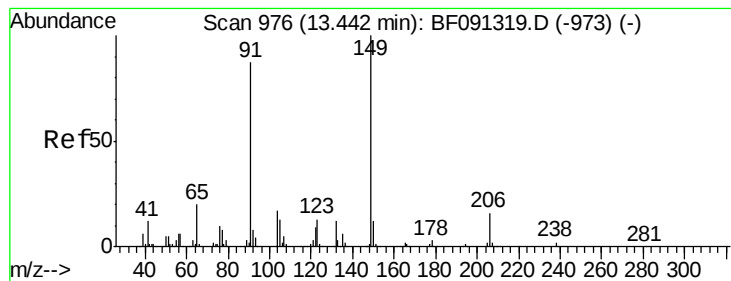
sohil
 12/5/2016 11:20:48 AM



#78
 Terphenyl-d14
 Concen: 80.13 ng
 RT: 12.97 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF091390.D
 Acq: 2 Dec 2016 15:44

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.5	9.7
122	8.2	9.5	14.3#





#79

Butylbenzylphthalate

Concen: 41.47 ng

RT: 13.44 min Scan# 976

Delta R.T. -0.03 min

Lab File: BF091390.D

Acq: 2 Dec 2016 15:44

Instrument :

BNA_F

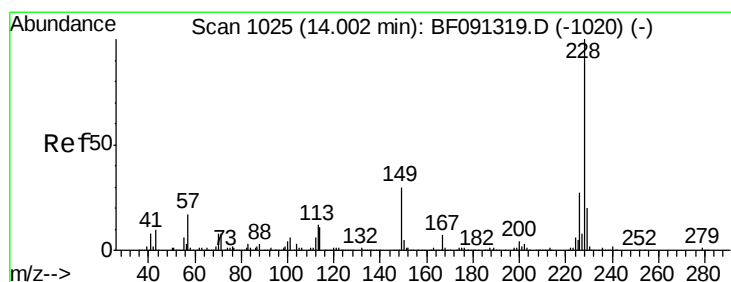
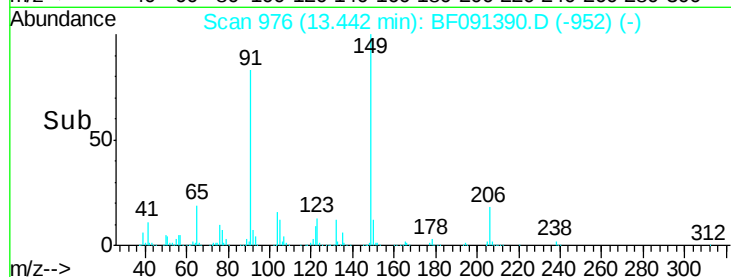
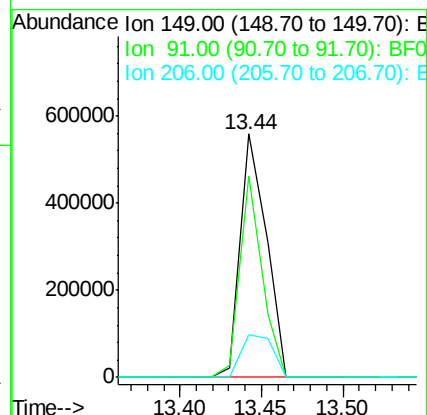
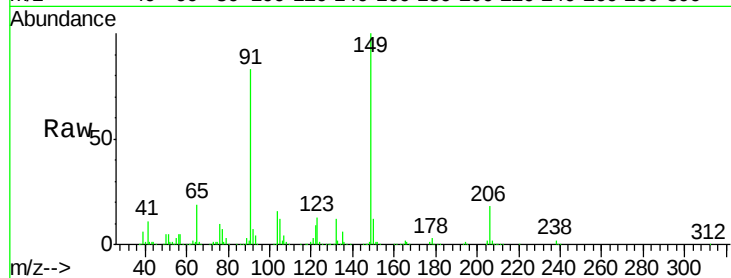
ClientSampleId :

SSTDCCC040

Tgt Ion:	149	Resp:	613850
Ion Ratio	Lower	Upper	
149	100		
91	82.8	57.4	86.2
206	17.6	15.4	23.2

Manual Integrations
APPROVED

sohil
12/5/2016 11:20:48 AM



#80

Benzo(a)anthracene

Concen: 40.62 ng

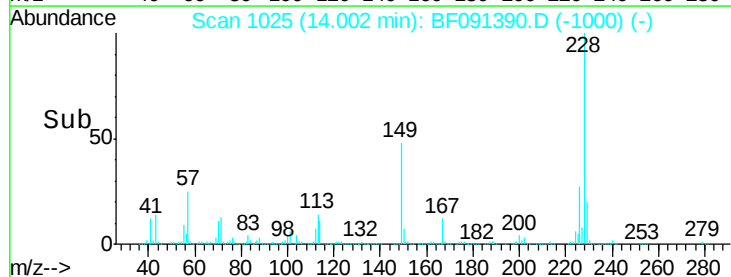
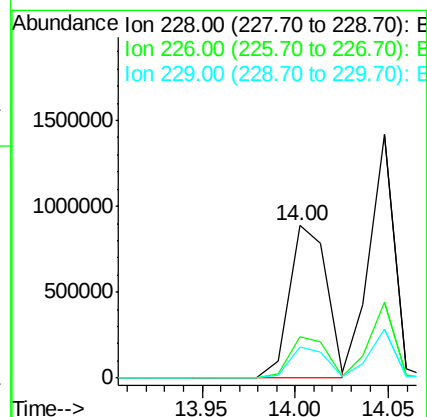
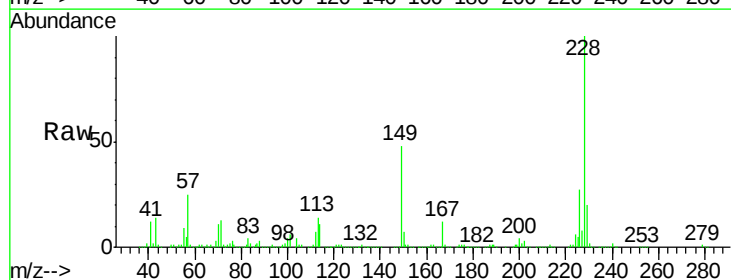
RT: 14.00 min Scan# 1025

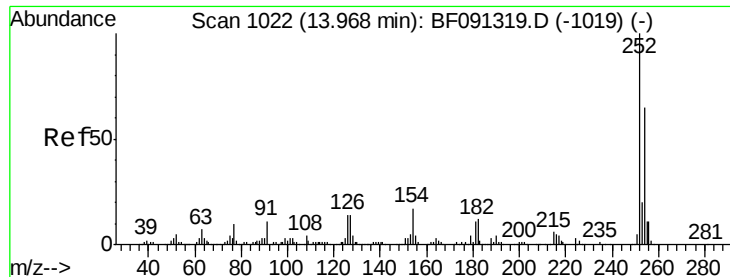
Delta R.T. -0.02 min

Lab File: BF091390.D

Acq: 2 Dec 2016 15:44

Tgt Ion:	228	Resp:	1237251
Ion Ratio	Lower	Upper	
228	100		
226	27.5	22.5	33.7
229	20.5	16.4	24.6





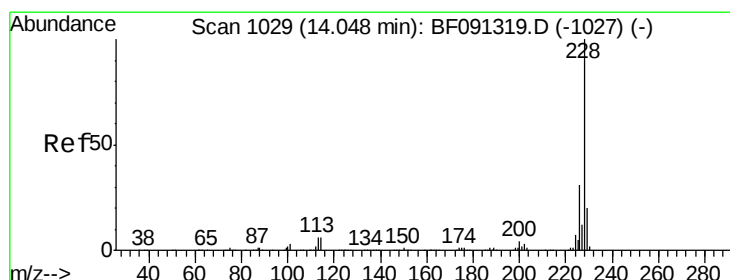
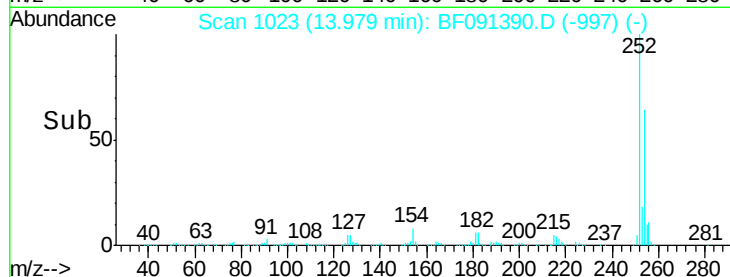
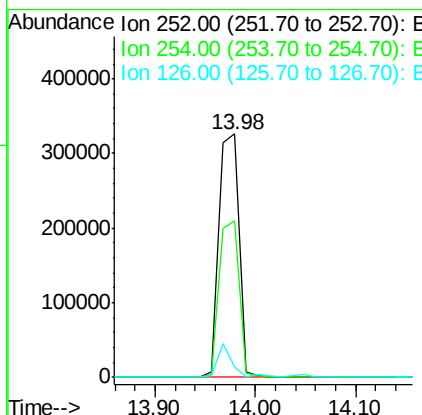
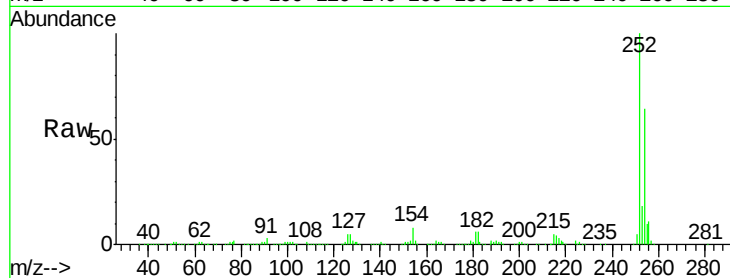
#81
 3,3'-Dichlorobenzidine
 Concen: 42.36 ng
 RT: 13.98 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF091390.D
 Acq: 2 Dec 2016 15:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.1	78.1
126	4.6	7.5	11.3

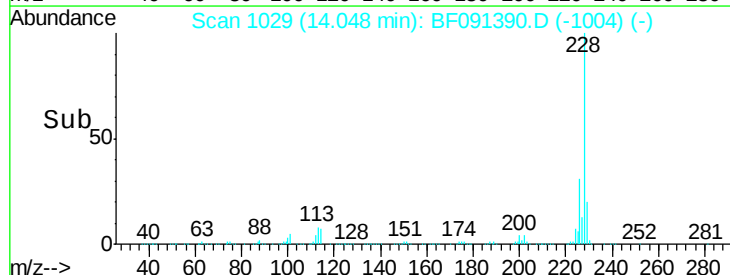
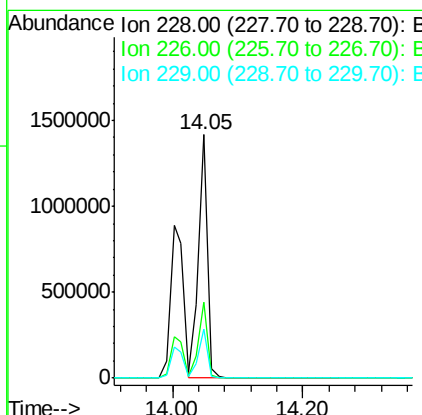
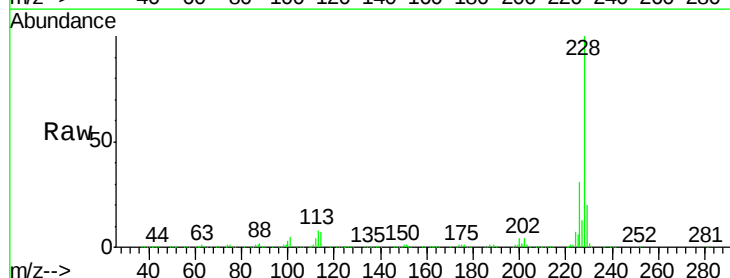
Manual Integrations
 APPROVED

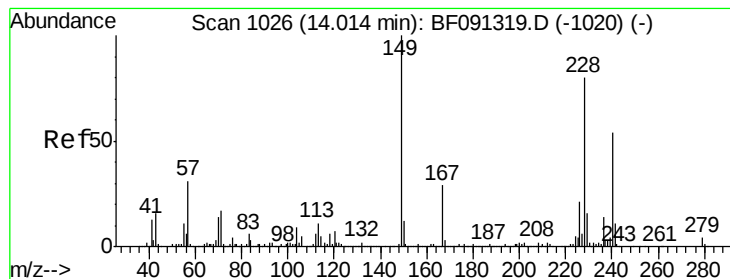
sohil
 12/5/2016 11:20:48 AM



#82
 Chrysene
 Concen: 43.98 ng
 RT: 14.05 min Scan# 1029
 Delta R.T. -0.02 min
 Lab File: BF091390.D
 Acq: 2 Dec 2016 15:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.4
229	20.2	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.56 ng

RT: 14.01 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF091390.D

Acq: 2 Dec 2016 15:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 854740
Ion Ratio Lower Upper

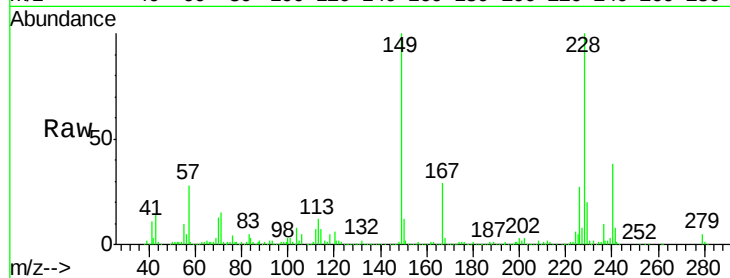
149 100

167 28.7 19.6 29.4

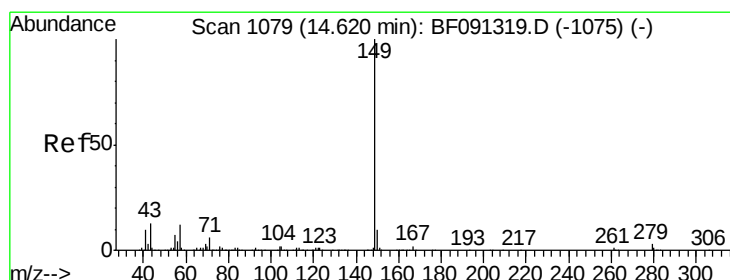
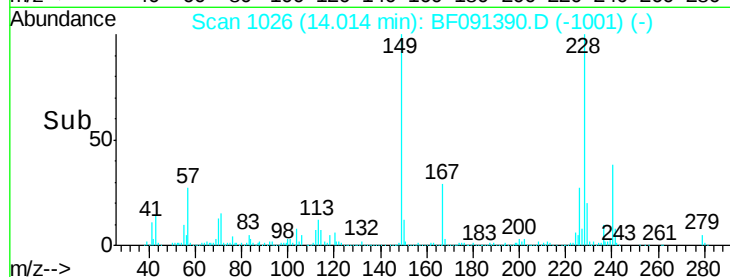
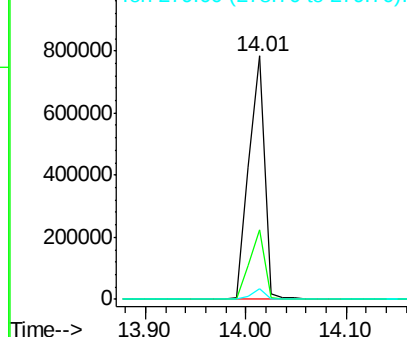
279 4.6 1.9 2.9#

Manual Integrations
APPROVED

sohil
12/5/2016 11:20:48 AM



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: 49.16 ng

RT: 14.62 min Scan# 1079

Delta R.T. -0.02 min

Lab File: BF091390.D

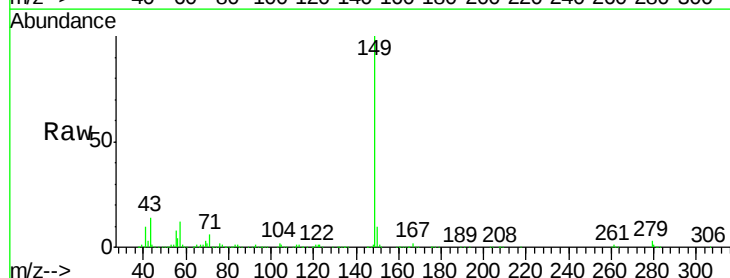
Acq: 2 Dec 2016 15:44

Tgt Ion:149 Resp: 1395552
Ion Ratio Lower Upper

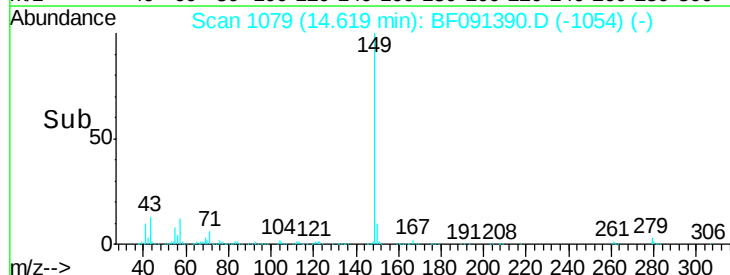
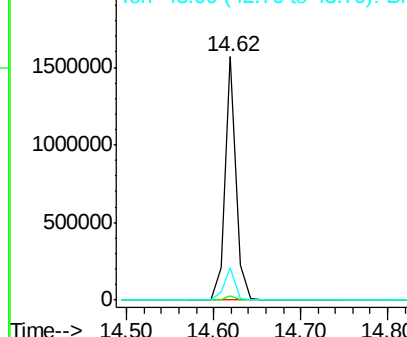
149 100

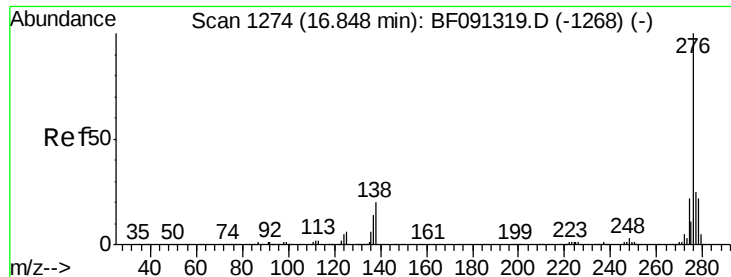
167 1.6 1.3 1.9

43 14.0 11.9 17.9



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





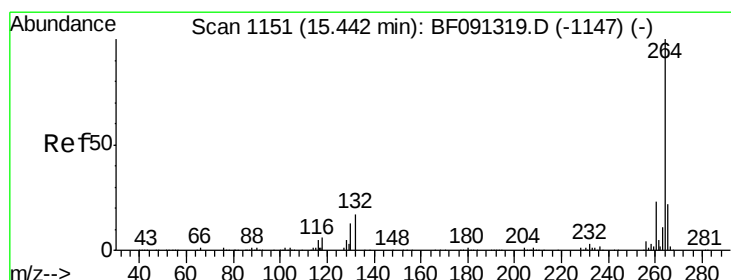
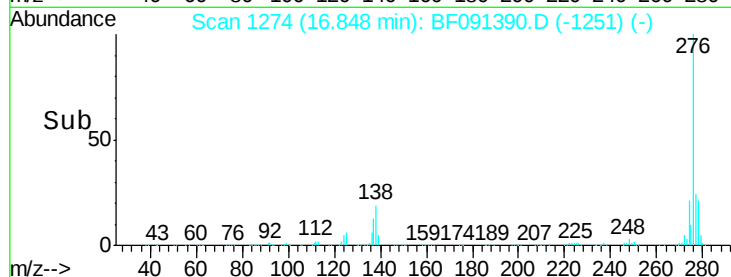
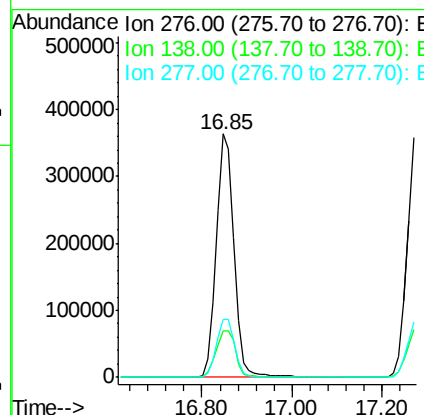
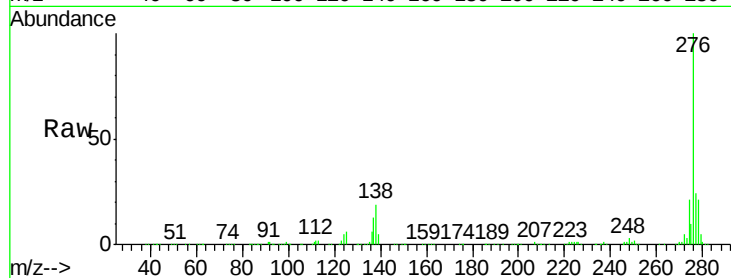
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.28 ng
 RT: 16.85 min Scan# 1274
 Delta R.T. -0.04 min
 Lab File: BF091390.D
 Acq: 2 Dec 2016 15:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.2	21.0	31.4
277	24.8	20.2	30.2

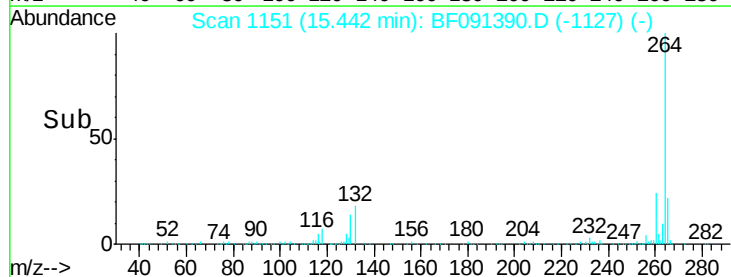
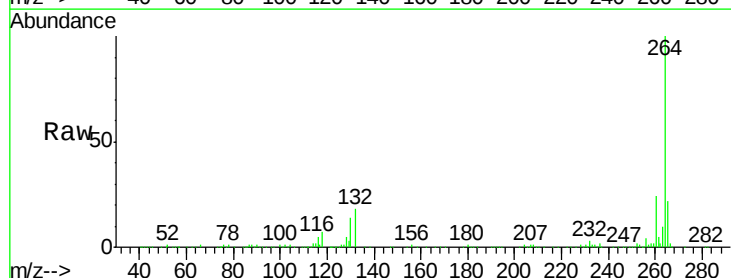
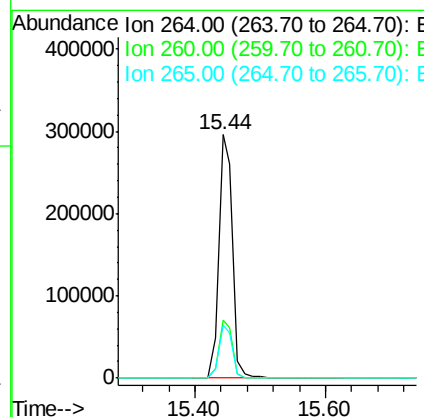
Manual Integrations
 APPROVED

sohil
 12/5/2016 11:20:48 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF091390.D
 Acq: 2 Dec 2016 15:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.8	17.0	25.6





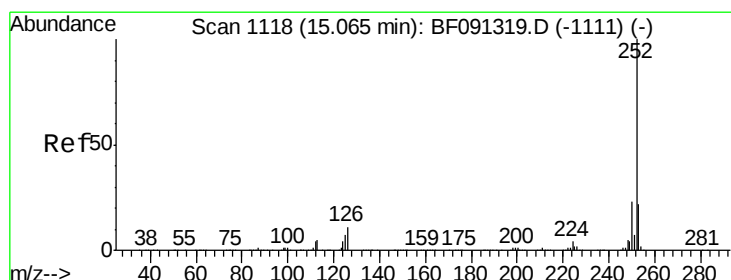
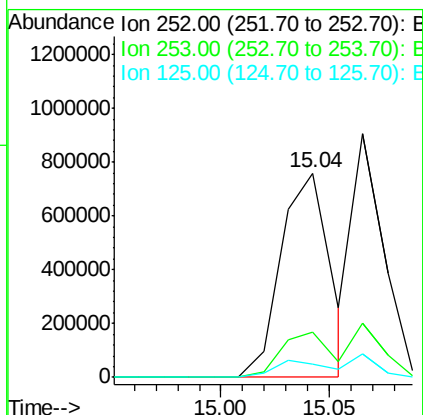
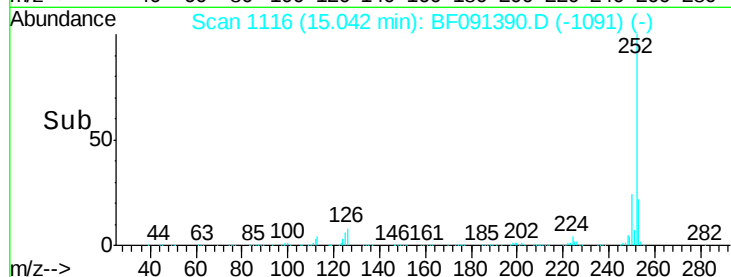
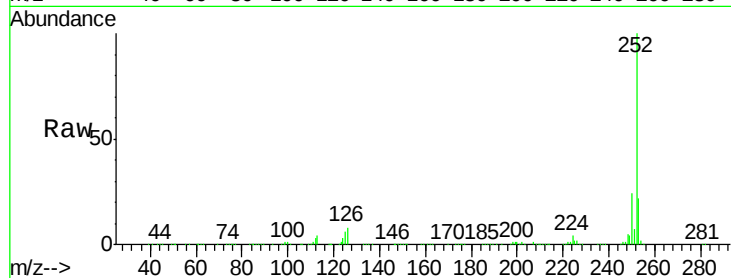
#87
Benzo(b)fluoranthene
Concen: 43.63 ng
RT: 15.04 min Scan# 1116
Delta R.T. -0.02 min
Lab File: BF091390.D
Acq: 2 Dec 2016 15:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 252 Resp: 1195301
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 6.4 8.6 13.0#

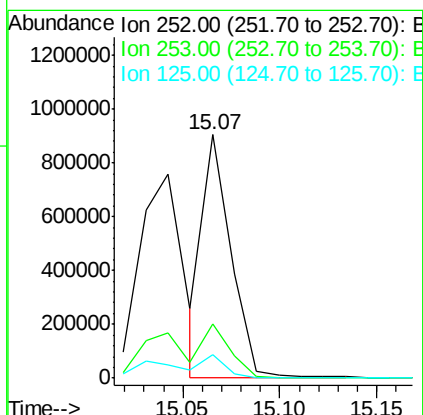
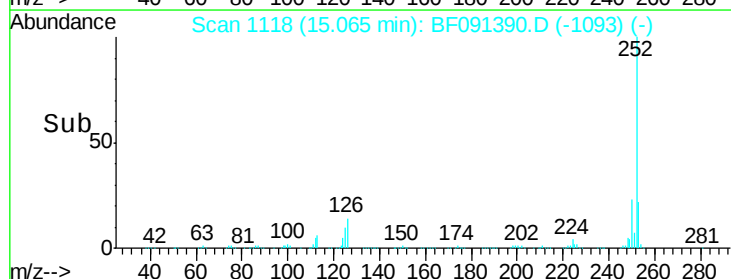
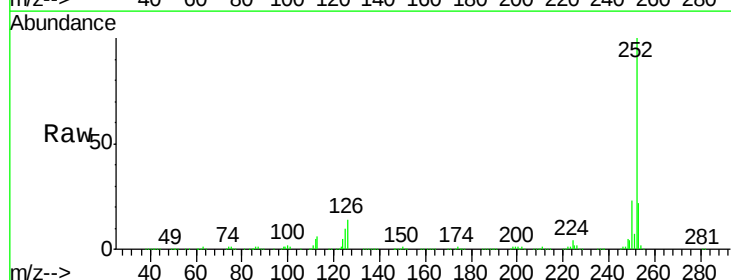
Manual Integrations
APPROVED

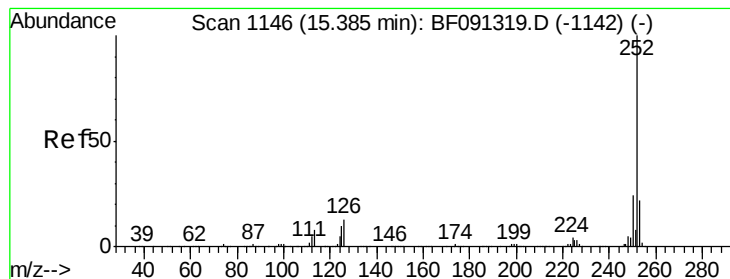
sohil
12/5/2016 11:20:48 AM



#88
Benzo(k)fluoranthene
Concen: 40.07 ng m
RT: 15.07 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BF091390.D
Acq: 2 Dec 2016 15:44

Tgt Ion: 252 Resp: 923051
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 9.6 9.6 14.4#





#89

Benzo(a)pyrene

Concen: 39.72 ng

RT: 15.39 min Scan# 1146

Delta R.T. -0.03 min

Lab File: BF091390.D

Acq: 2 Dec 2016 15:44

Instrument :

BNA_F

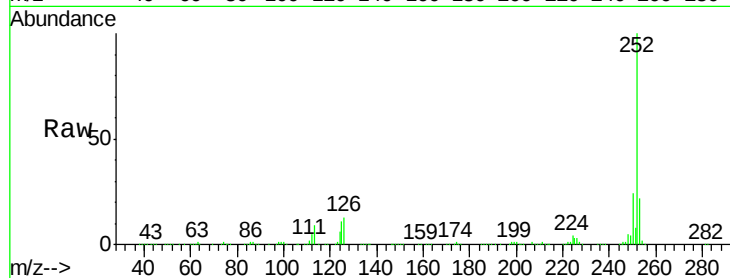
ClientSampleId :

SSTDCCC040

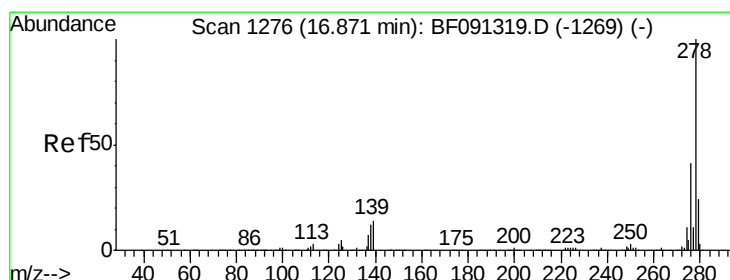
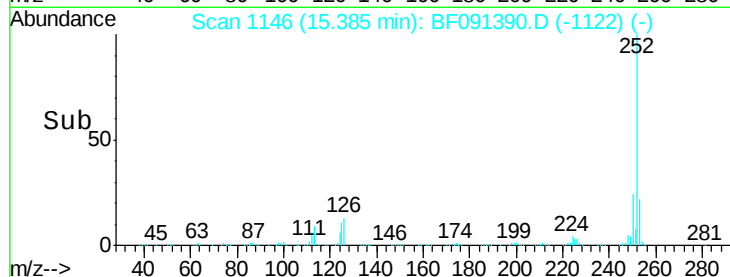
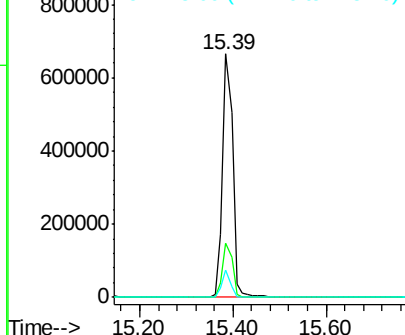
Tgt Ion:	252	Resp:	977187
Ion Ratio		Lower	Upper
252	100		
253	22.2	18.2	27.4
125	11.0	10.4	15.6

Manual Integrations
APPROVED

sohil
12/5/2016 11:20:48 AM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.18 ng

RT: 16.87 min Scan# 1276

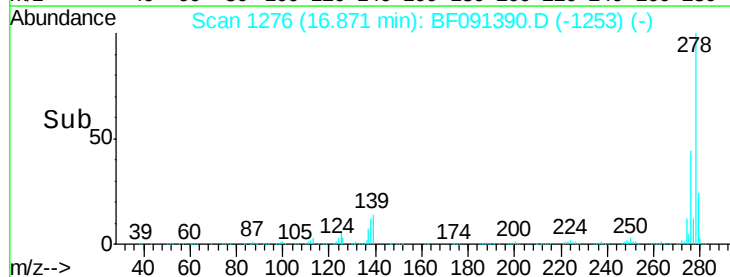
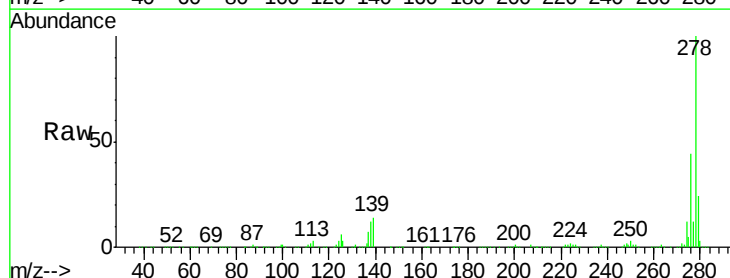
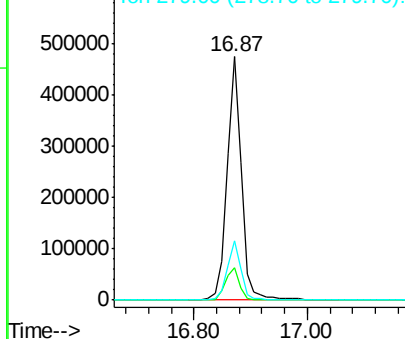
Delta R.T. -0.04 min

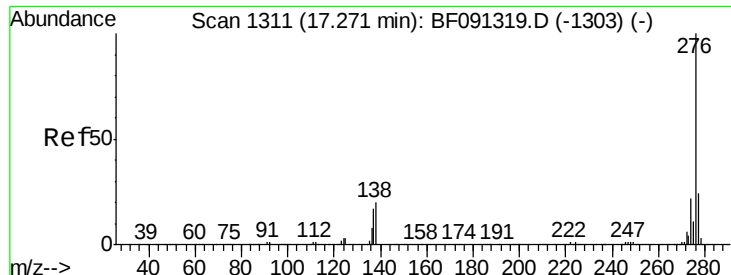
Lab File: BF091390.D

Acq: 2 Dec 2016 15:44

Tgt Ion:	278	Resp:	845944
Ion Ratio		Lower	Upper
278	100		
139	13.6	15.1	22.7#
279	24.5	19.0	28.6

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 36.26 ng
 RT: 17.27 min Scan# 1311
 Delta R.T. -0.04 min
 Lab File: BF091390.D
 Acq: 2 Dec 2016 15:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	850769		
277	23.0		19.0	28.4
138	19.7		15.4	23.0

Manual Integrations
 APPROVED

sohil
 12/5/2016 11:20:48 AM

