

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102816\
 Data File : BF090920.D
 Acq On : 28 Oct 2016 20:44
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

sohil
 11/1/2016 7:13:14 PM

Quant Time: Oct 28 23:17:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 28 15:18:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	181566	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	768455	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	384043	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	635445	20.00	ng	0.00
75) Chrysene-d12	13.93	240	506121	20.00	ng	0.00
86) Perylene-d12	15.33	264	390764	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	961365	92.58	ng	0.00
7) Phenol-d6	6.41	99	1189738	84.92	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1061265	90.41	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	327342	82.94	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1833539	83.84	ng	-0.01
78) Terphenyl-d14	12.88	244	1719501	85.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.27	88	234555	44.18	ng	# 82
3) Pyridine	2.97	79	634852	44.08	ng	# 76
4) n-Nitrosodimethylamine	2.92	42	216656	53.43	ng	# 70
6) Aniline	6.43	93	723533	45.21	ng	# 61
8) 2-Chlorophenol	6.54	128	511351	39.92	ng	# 85
9) Benzaldehyde	6.30	77	331509	45.81	ng	# 72
10) Phenol	6.42	94	606054	39.25	ng	# 7
11) bis(2-Chloroethyl)ether	6.50	93	526254	41.20	ng	# 99
12) 1,3-Dichlorobenzene	6.70	146	554217	42.30	ng	# 94
13) 1,4-Dichlorobenzene	6.78	146	552175	40.07	ng	# 95
14) 1,2-Dichlorobenzene	6.93	146	522099m	39.52	ng	#
15) Benzyl Alcohol	6.91	79	412055	44.78	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.05	45	699176	55.00	ng	# 72
17) 2-Methylphenol	7.04	107	446419	45.81	ng	# 81
18) Hexachloroethane	7.28	117	214137	42.70	ng	# 84
19) n-Nitroso-di-n-propylamine	7.18	70	371261	45.83	ng	# 71
20) 3+4-Methylphenols	7.18	107	511550	45.34	ng	# 48
22) Acetophenone	7.18	105	703787	44.52	ng	# 85
24) Nitrobenzene	7.36	77	657525	52.96	ng	# 73
25) Isophorone	7.60	82	1030468	43.26	ng	# 88
26) 2-Nitrophenol	7.66	139	264467	39.76	ng	# 42
27) 2,4-Dimethylphenol	7.72	122	454708	42.22	ng	# 84
28) bis(2-Chloroethoxy)methane	7.81	93	617195	45.56	ng	# 95
29) 2,4-Dichlorophenol	7.92	162	401719	40.29	ng	# 93
30) 1,2,4-Trichlorobenzene	8.00	180	452609	39.28	ng	# 97
31) Naphthalene	8.08	128	1549696	43.14	ng	# 97
32) Benzoic acid	7.86	122	328865	42.06	ng	# 62
33) 4-Chloroaniline	8.13	127	642422	44.26	ng	# 96
34) Hexachlorobutadiene	8.19	225	232156	34.26	ng	# 98
35) Caprolactam	8.51	113	120860	39.05	ng	# 88
36) 4-Chloro-3-methylphenol	8.62	107	452881	41.76	ng	# 94
37) 2-Methylnaphthalene	8.76	142	893443	38.51	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	448721	42.59	ng	# 98
40) Hexachlorocyclopentadiene	8.92	237	103706	21.40	ng	# 98

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102816\
 Data File : BF090920.D
 Acq On : 28 Oct 2016 20:44
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

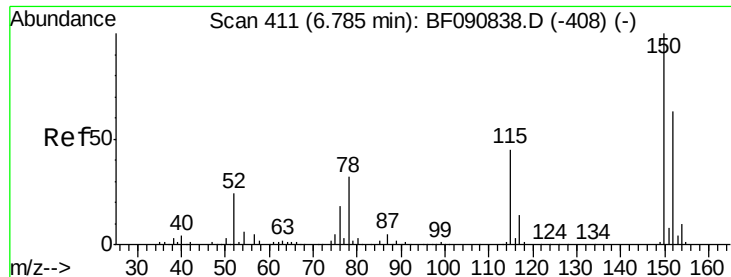
Manual Integrations
 APPROVED

sohil
 11/1/2016 7:13:14 PM

Quant Time: Oct 28 23:17:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 28 15:18:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	272449	40.06	ng	99
43) 2,4,5-Trichlorophenol	9.09	196	306074	43.69	ng	98
45) 1,1'-Biphenyl	9.23	154	1136627	41.09	ng	91
46) 2-Chloronaphthalene	9.25	162	876663	41.66	ng	# 90
47) 2-Nitroaniline	9.36	65	358268	60.34	ng	# 77
48) Acenaphthylene	9.66	152	1304660	40.95	ng	95
49) Dimethylphthalate	9.54	163	1041236	40.58	ng	# 97
50) 2,6-Dinitrotoluene	9.60	165	216448	38.20	ng	# 47
51) Acenaphthene	9.84	154	885993	40.38	ng	88
52) 3-Nitroaniline	9.77	138	262164	43.46	ng	# 56
53) 2,4-Dinitrophenol	9.87	184	79887	26.78	ng	# 25
54) Dibenzofuran	10.01	168	1148203	40.55	ng	# 82
55) 4-Nitrophenol	9.94	139	173096	47.05	ng	# 57
56) 2,4-Dinitrotoluene	10.01	165	313422	44.52	ng	# 93
57) Fluorene	10.35	166	945368	40.76	ng	93
58) 2,3,4,6-Tetrachlorophenol	10.13	232	244174	39.03	ng	93
59) Diethylphthalate	10.24	149	1093355	42.90	ng	99
60) 4-Chlorophenyl-phenylether	10.35	204	495521	43.76	ng	97
61) 4-Nitroaniline	10.38	138	285855	47.84	ng	# 53
62) Azobenzene	10.51	77	1227064	48.96	ng	88
64) 4,6-Dinitro-2-methylphenol	10.41	198	131446	31.20	ng	77
65) n-Nitrosodiphenylamine	10.46	169	812350	41.73	ng	89
66) 4-Bromophenyl-phenylether	10.84	248	278855	40.07	ng	# 84
67) Hexachlorobenzene	10.90	284	293308	35.62	ng	# 79
68) Atrazine	11.00	200	245313	40.74	ng	85
69) Pentachlorophenol	11.09	266	137217	31.06	ng	97
70) Phenanthrene	11.31	178	1280532	39.57	ng	95
71) Anthracene	11.37	178	1514955	44.46	ng	95
72) Carbazole	11.53	167	1360542	45.21	ng	96
73) Di-n-butylphthalate	11.86	149	1657777	42.74	ng	# 97
74) Fluoranthene	12.50	202	1348229	38.05	ng	94
76) Benzidine	12.63	184	318897	28.86	ng	97
77) Pyrene	12.73	202	1426661	44.54	ng	95
79) Butylbenzylphthalate	13.36	149	743243	51.14	ng	96
80) Benzo(a)anthracene	13.92	228	1146706	42.69	ng	96
81) 3,3'-Dichlorobenzidine	13.88	252	400720	38.43	ng	# 96
82) Chrysene	13.95	228	994694m	36.61	ng	
83) Bis(2-ethylhexyl)phthalate	13.92	149	912179	48.20	ng	# 95
84) Di-n-octyl phthalate	14.53	149	1464496	46.08	ng	# 91
85) Indeno(1,2,3-cd)pyrene	16.69	276	1096333	45.54	ng	# 95
87) Benzo(b)fluoranthene	14.93	252	933165m	35.51	ng	
88) Benzo(k)fluoranthene	14.97	252	1041418m	50.15	ng	
89) Benzo(a)pyrene	15.28	252	910906	40.35	ng	# 90
90) Dibenzo(a,h)anthracene	16.71	278	969042	50.70	ng	# 85
91) Benzo(g,h,i)perylene	17.11	276	902243	50.12	ng	# 79

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



#1

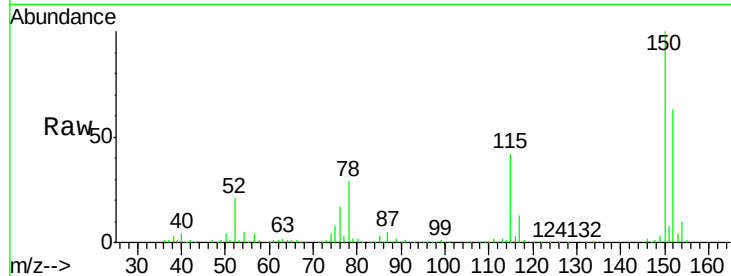
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. 0.00 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

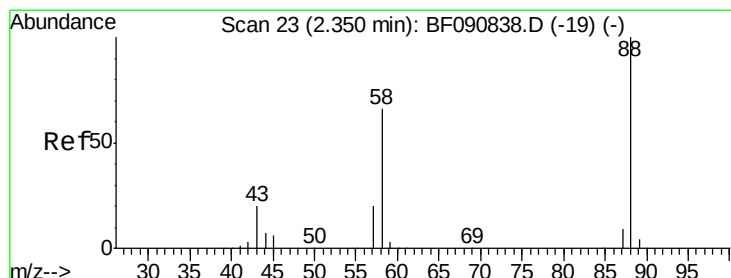
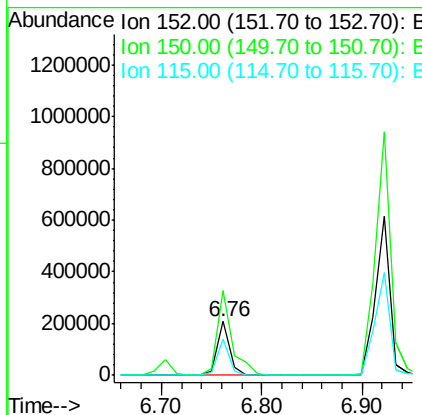
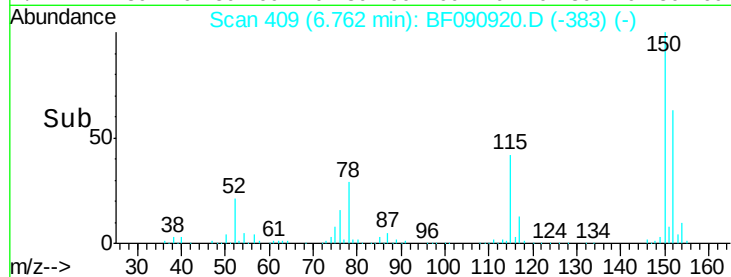
Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.7	187.1
115	66.9	39.0	58.4

Manual Integrations
APPROVED

sohil
11/1/2016 7:13:14 PM



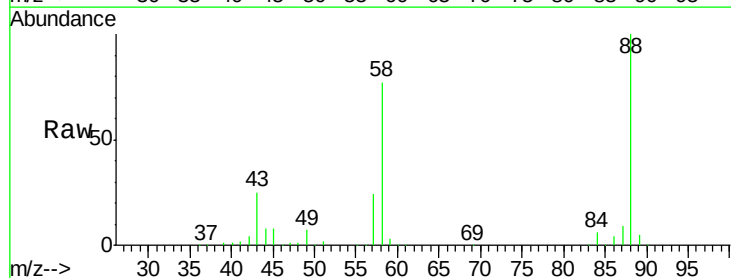
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



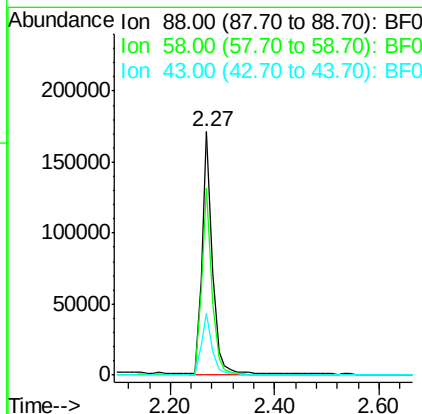
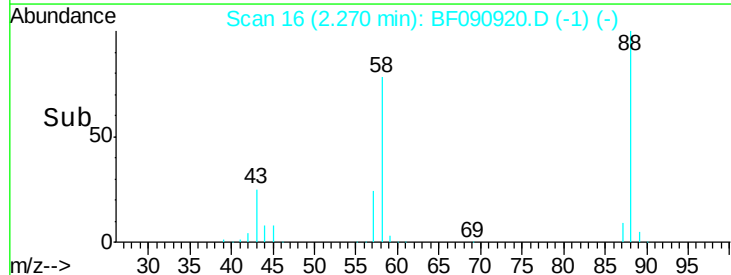
#2

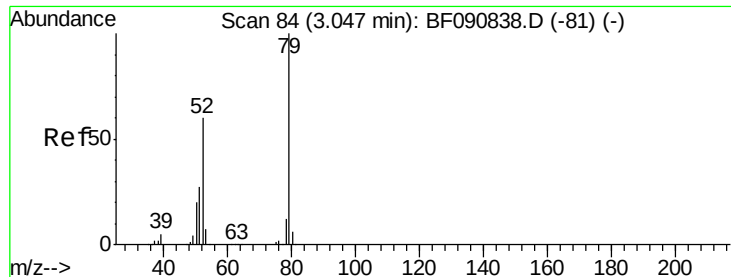
1,4-Dioxane
Concen: 44.18 ng
RT: 2.27 min Scan# 16
Delta R.T. -0.01 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.7	77.7	116.5
43	25.2	26.6	40.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 44.08 ng

RT: 2.97 min Scan# 77

Delta R.T. -0.01 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

Instrument :

BNA_F

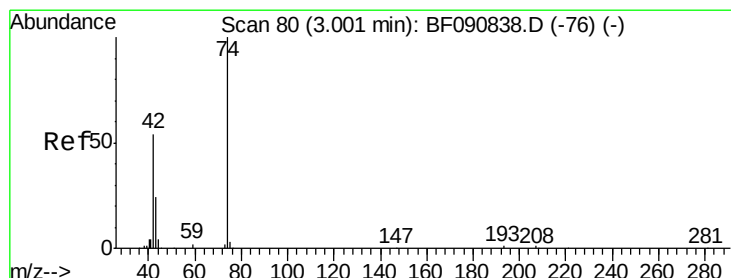
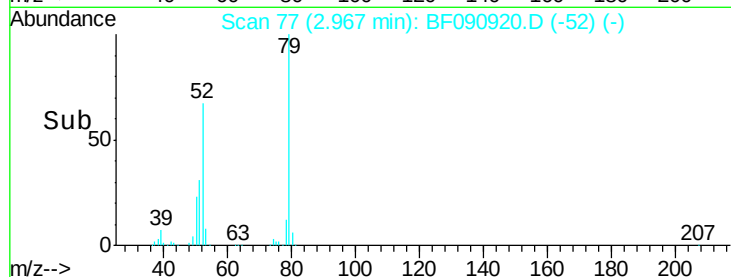
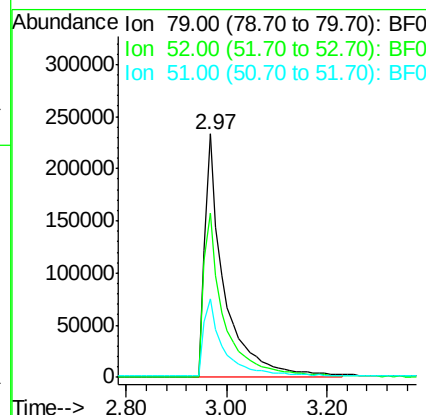
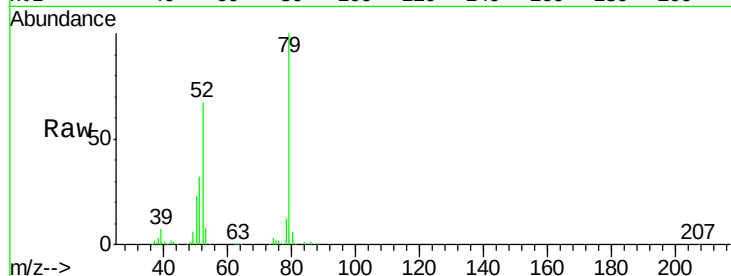
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	79	Resp:	634852
Ion Ratio	Lower	Upper	
79	100		
52	67.4	76.8	115.2#
51	32.2	32.2	48.4#

Manual Integrations
APPROVED

sohil
11/1/2016 7:13:14 PM



#4

n-Nitrosodimethylamine

Concen: 53.43 ng

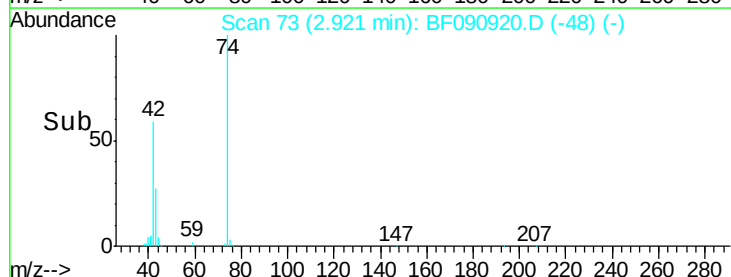
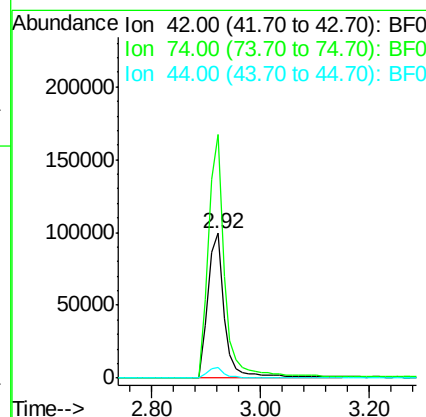
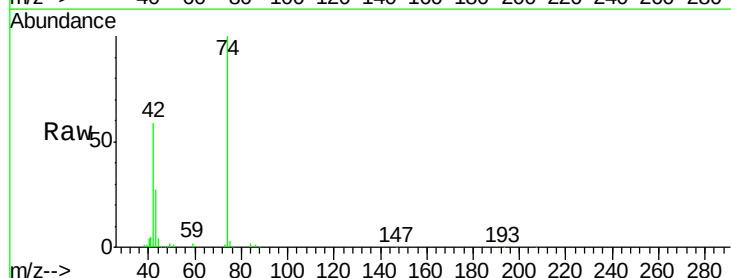
RT: 2.92 min Scan# 73

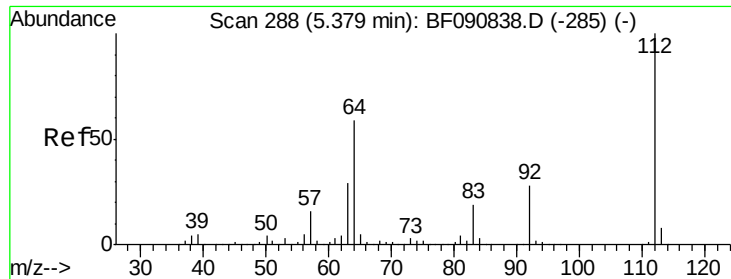
Delta R.T. -0.01 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

Tgt Ion:	42	Resp:	216656
Ion Ratio	Lower	Upper	
42	100		
74	168.1	105.0	157.6#
44	7.3	6.6	10.0





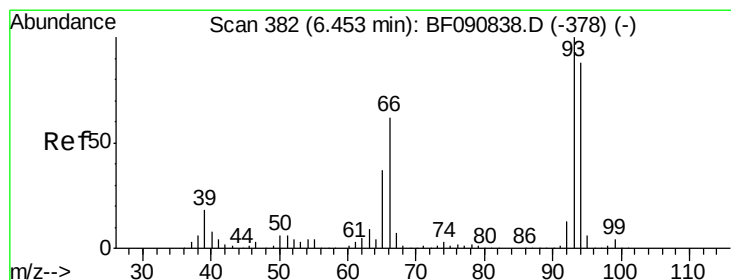
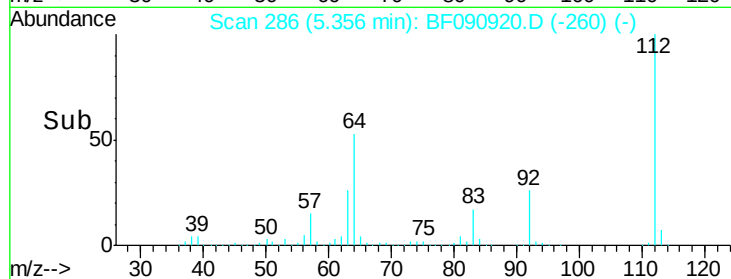
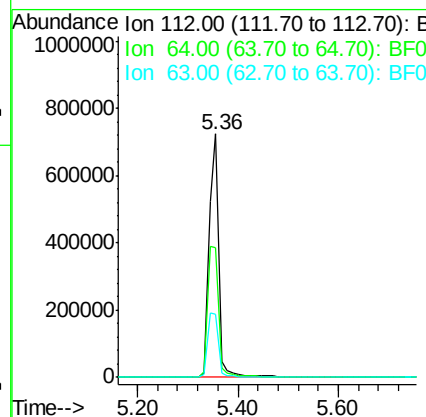
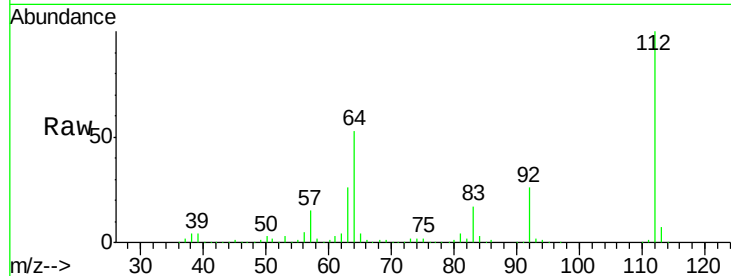
#5
2-Fluorophenol
Concen: 92.58 ng
RT: 5.36 min Scan# 286
Delta R.T. 0.00 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	53.4	39.7	59.5
63	26.2	17.4	26.0

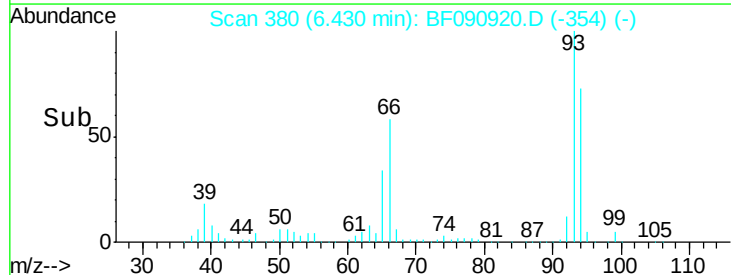
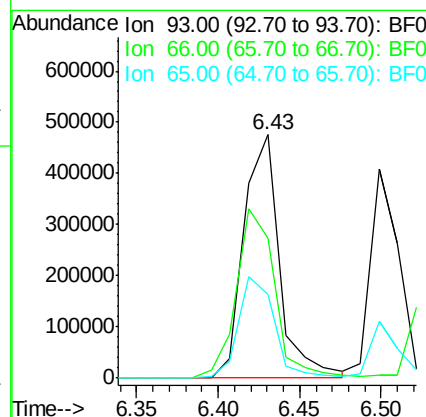
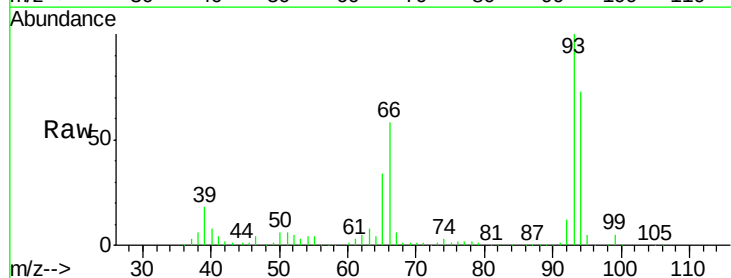
Manual Integrations
APPROVED

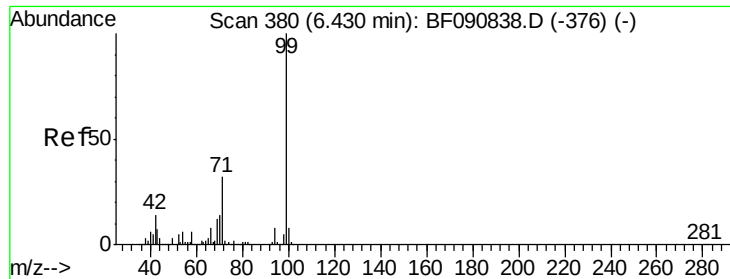
sohil
11/1/2016 7:13:14 PM



#6
Aniline
Concen: 45.21 ng
RT: 6.43 min Scan# 380
Delta R.T. 0.00 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	57.7	27.2	40.8
65	34.3	14.7	22.1





#7

Phenol-d6

Concen: 84.92 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 99 Resp: 1189738

Ion Ratio Lower Upper

99 100

42 16.5 13.7 20.5

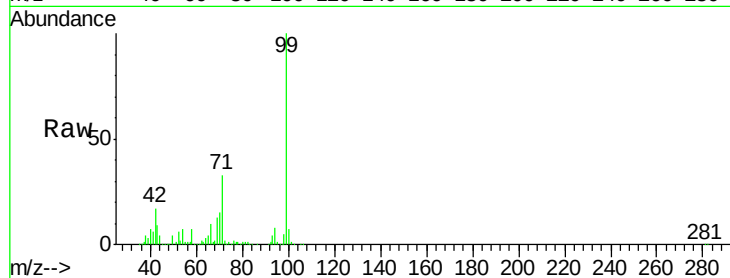
71 33.4 14.2 21.2#

Manual Integrations

APPROVED

sohil

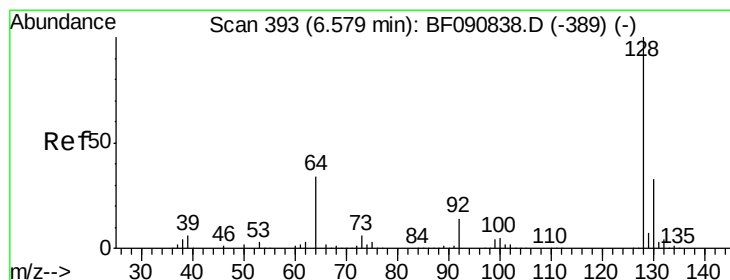
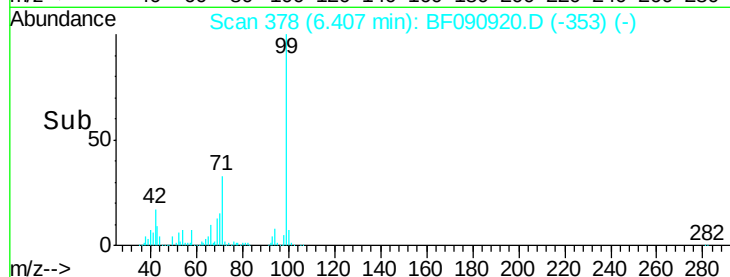
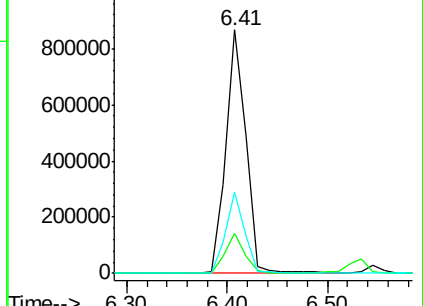
11/1/2016 7:13:14 PM



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.92 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

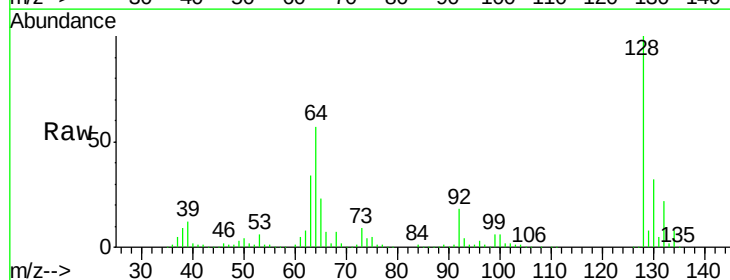
Tgt Ion: 128 Resp: 511351

Ion Ratio Lower Upper

128 100

130 32.5 12.2 52.2

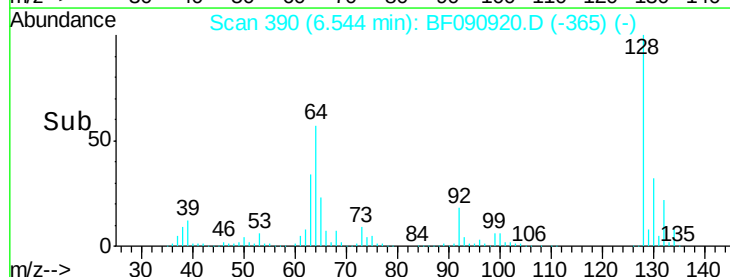
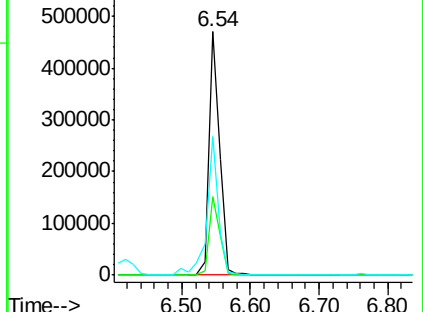
64 57.1 20.5 60.5

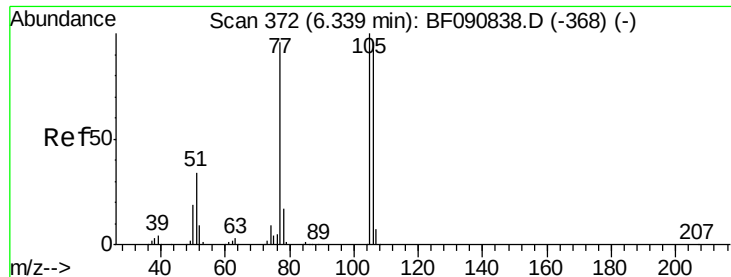


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 45.81 ng

RT: 6.30 min Scan# 369

Delta R.T. 0.00 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

Instrument :

BNA_F

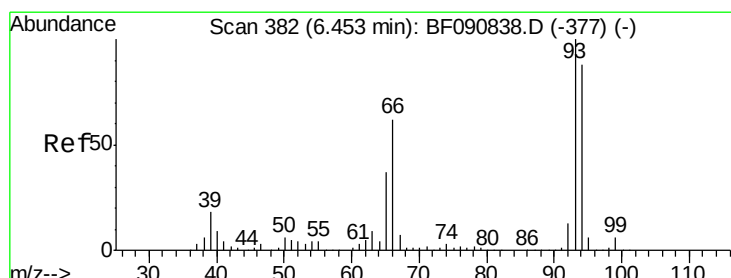
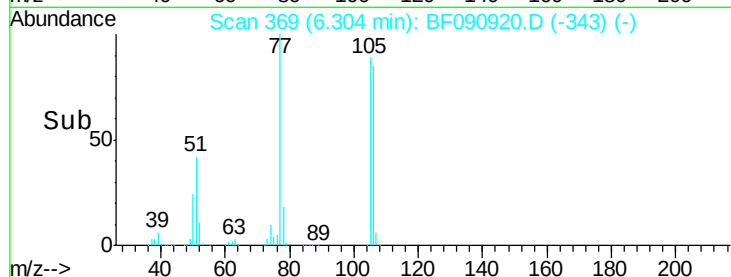
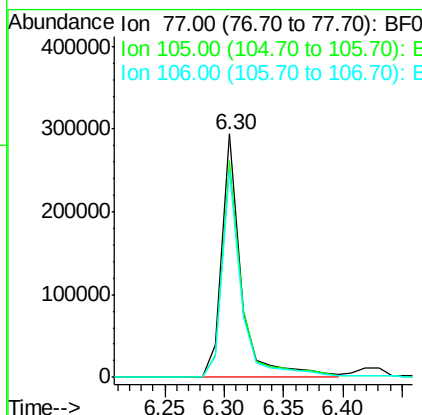
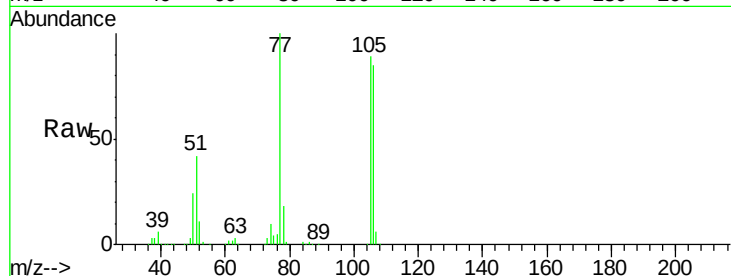
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	77	Resp:	331509
Ion Ratio	Lower	Upper	
77	100		
105	88.9	91.6	131.6#
106	84.6	102.6	142.6#

Manual Integrations
APPROVED

sohil
11/1/2016 7:13:14 PM



#10

Phenol

Concen: 39.25 ng

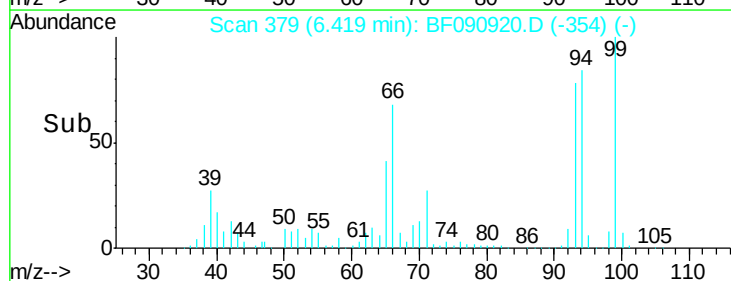
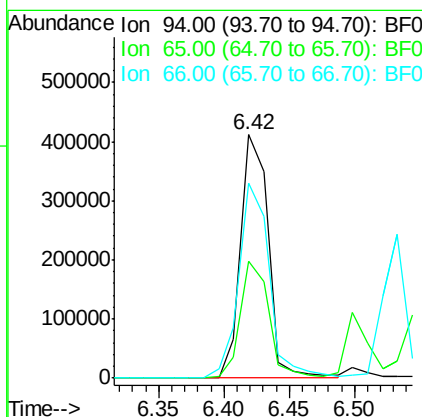
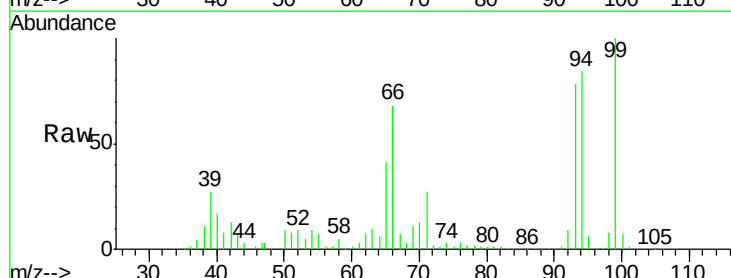
RT: 6.42 min Scan# 379

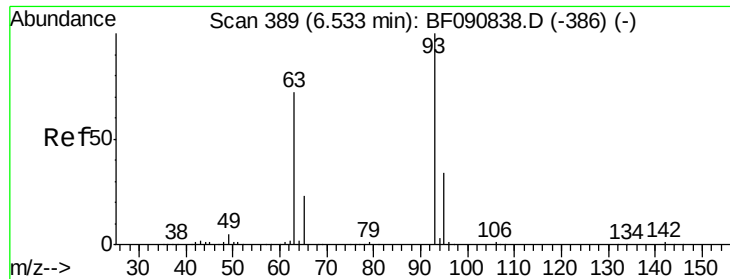
Delta R.T. -0.01 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

Tgt Ion:	94	Resp:	606054
Ion Ratio	Lower	Upper	
94	100		
65	48.2	0.7	40.7#
66	80.2	0.8	40.8#





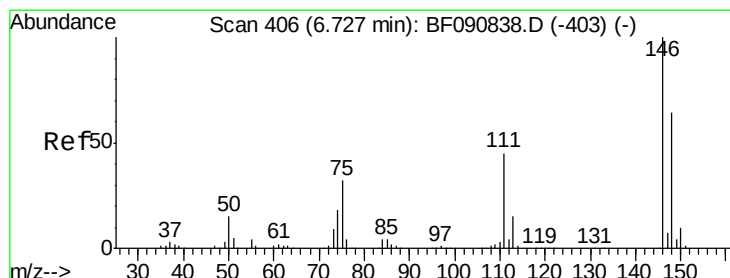
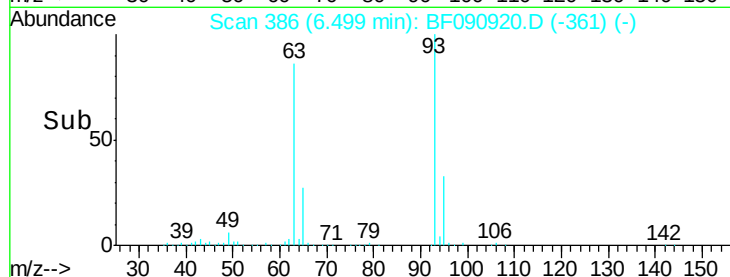
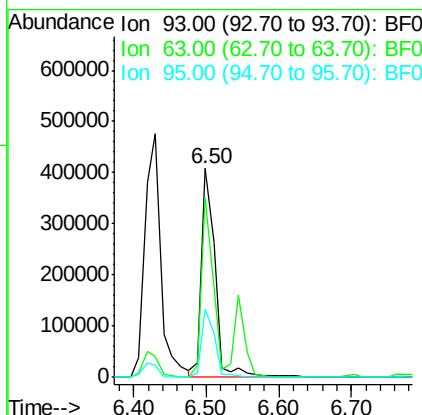
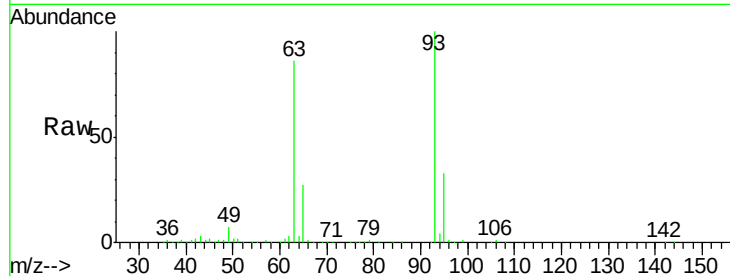
#11
bis(2-Chloroethyl)ether
Concen: 41.20 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
93	100		
63	86.2	65.6	105.6
95	32.6	13.6	53.6

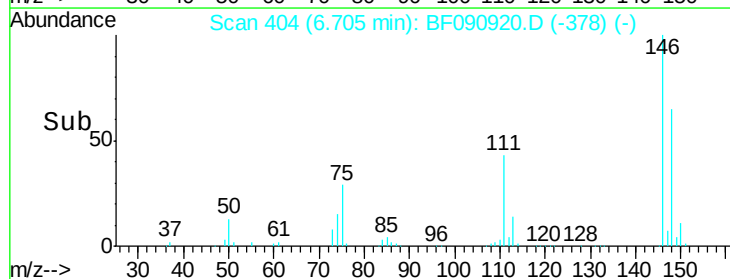
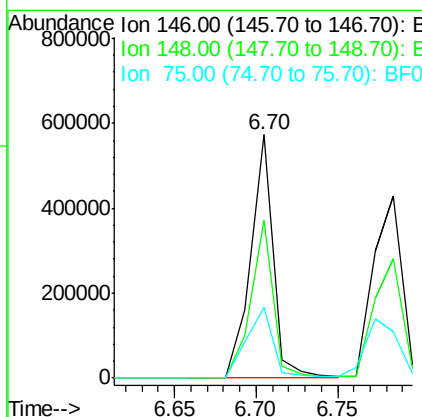
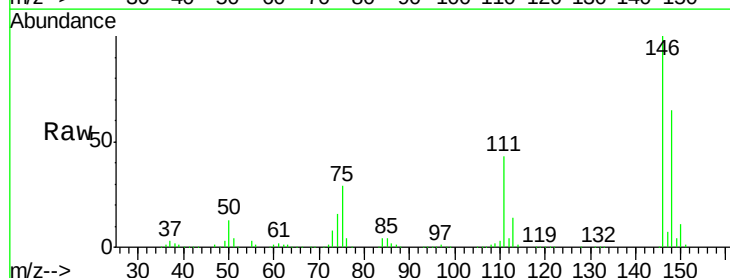
Manual Integrations
APPROVED

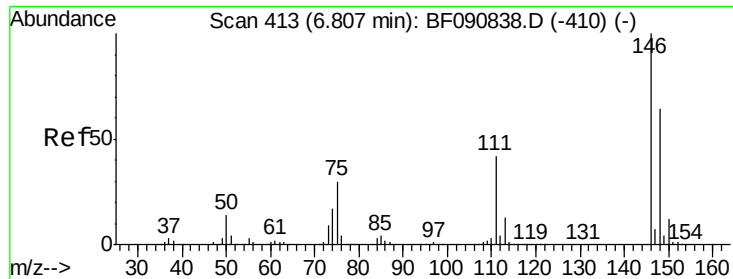
sohil
11/1/2016 7:13:14 PM



#12
1,3-Dichlorobenzene
Concen: 42.30 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.0	76.4
75	28.9	15.0	22.6





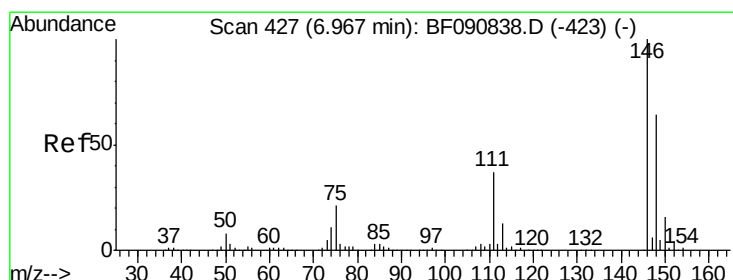
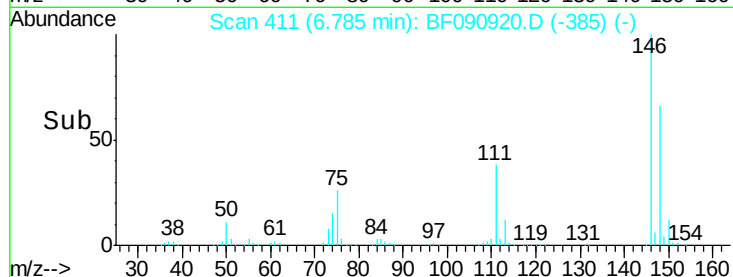
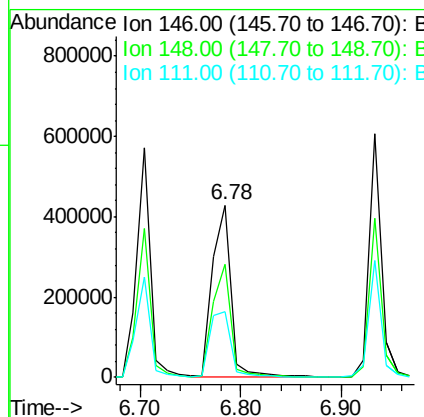
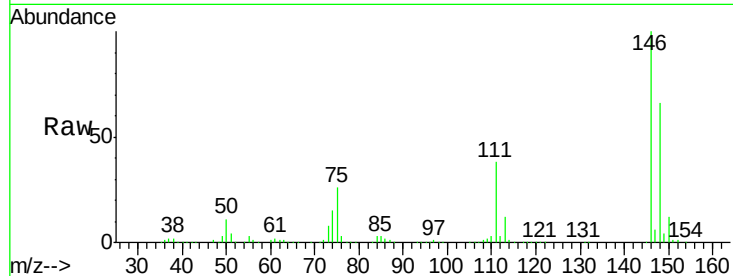
#13
1,4-Dichlorobenzene
Concen: 40.07 ng
RT: 6.78 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.8	77.6
111	38.0	24.9	37.3#

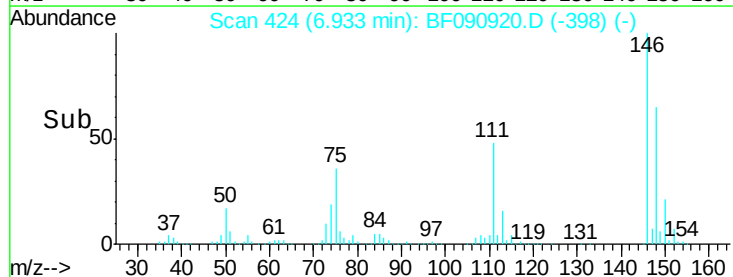
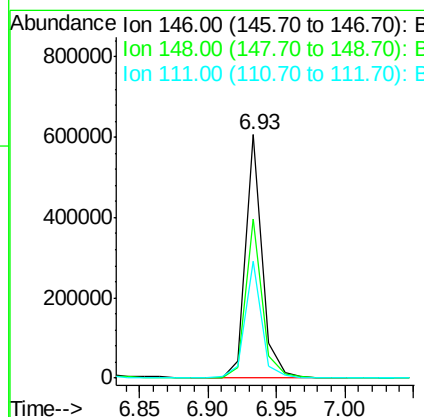
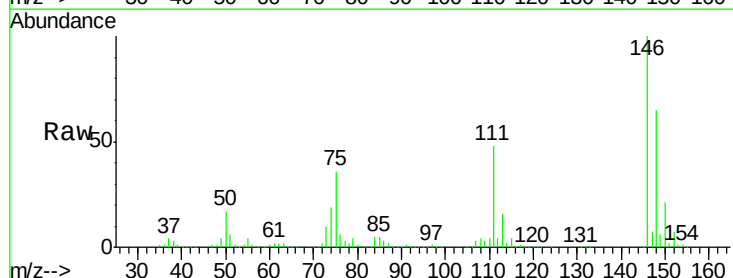
Manual Integrations
APPROVED

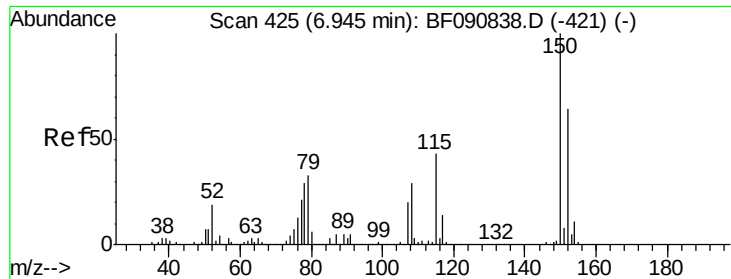
sohil
11/1/2016 7:13:14 PM



#14
1,2-Dichlorobenzene
Concen: 39.52 ng m
RT: 6.93 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.7	79.1
111	48.3	28.8	43.2#





#15

Benzyl Alcohol

Concen: 44.78 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 79 Resp: 412055
Ion Ratio Lower Upper

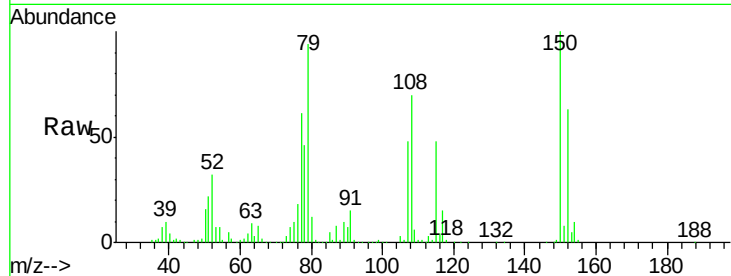
79 100

108 74.8 88.6 132.8#

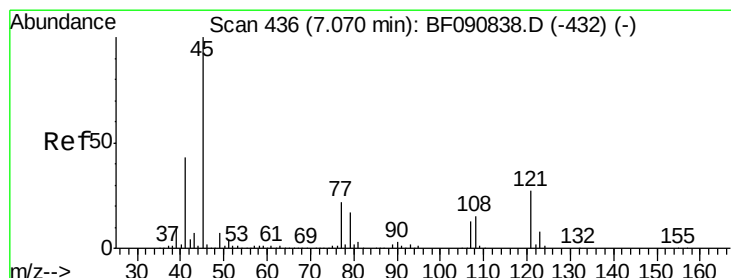
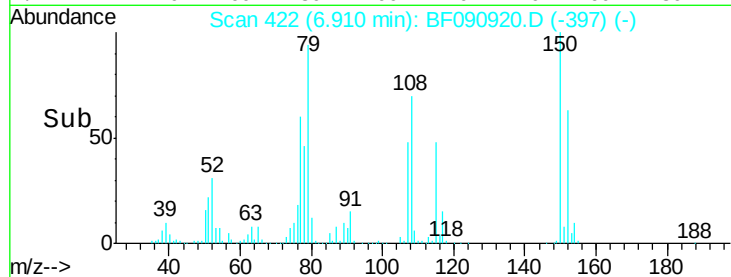
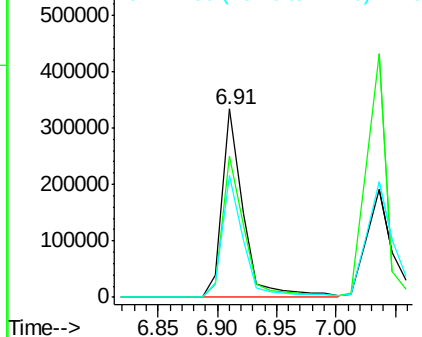
77 64.6 47.0 70.4

Manual Integrations
APPROVED

sohil
11/1/2016 7:13:14 PM



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 55.00 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF090920.D

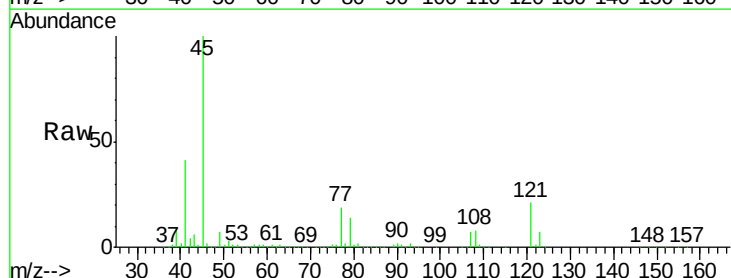
Acq: 28 Oct 2016 20:44

Tgt Ion: 45 Resp: 699176
Ion Ratio Lower Upper

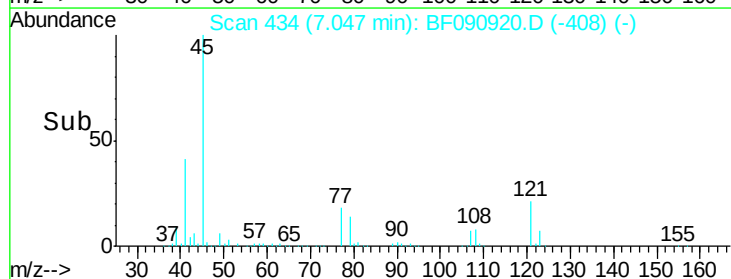
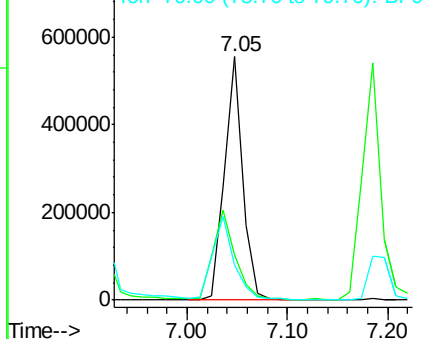
45 100

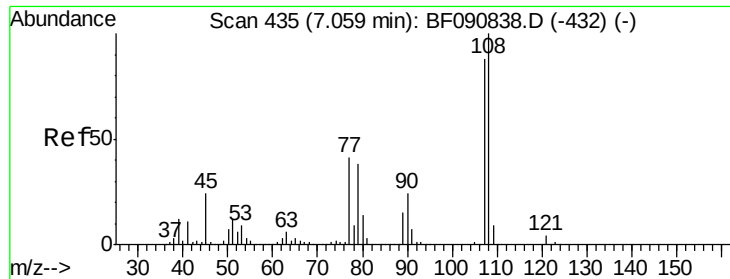
77 18.7 0.0 28.1

79 14.5 0.0 26.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 45.81 ng

RT: 7.04 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

Instrument :

BNA_F

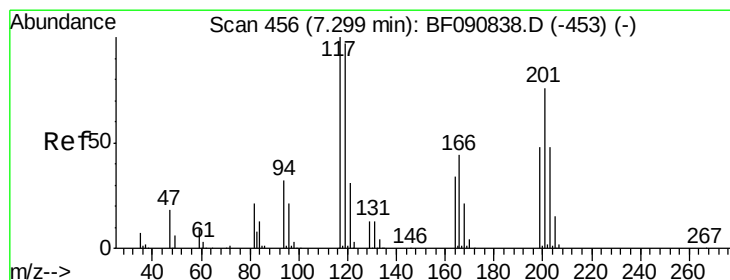
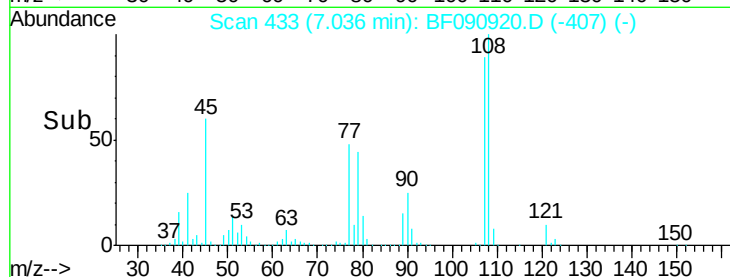
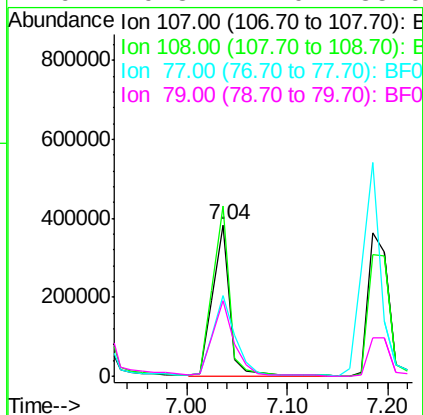
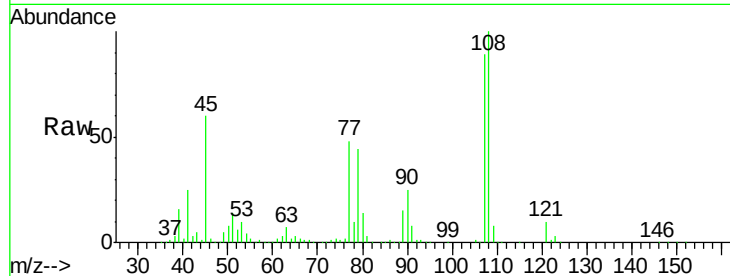
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	107	Resp:	446419
Ion Ratio	Lower	Upper	
107	100		
108	112.5	96.6	145.0
77	53.6	23.3	34.9#
79	49.8	22.0	33.0#

Manual Integrations
APPROVED

sohil
11/1/2016 7:13:14 PM



#18

Hexachloroethane

Concen: 42.70 ng

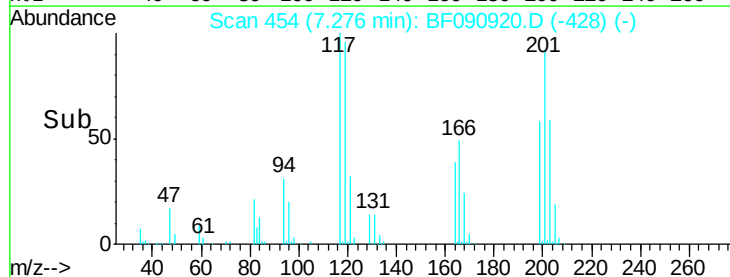
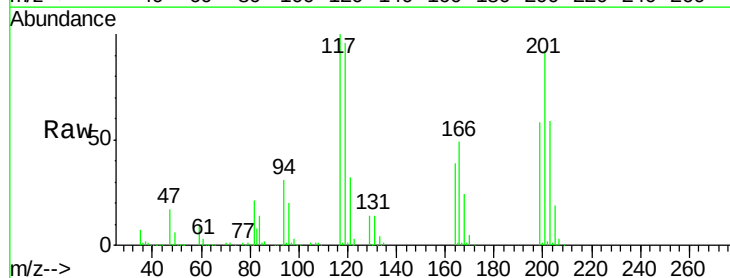
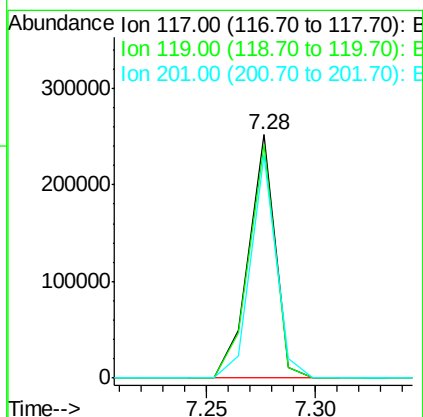
RT: 7.28 min Scan# 454

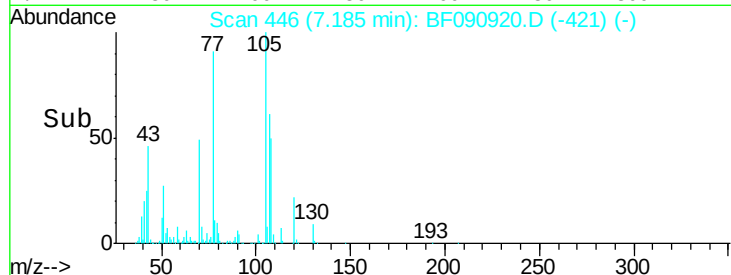
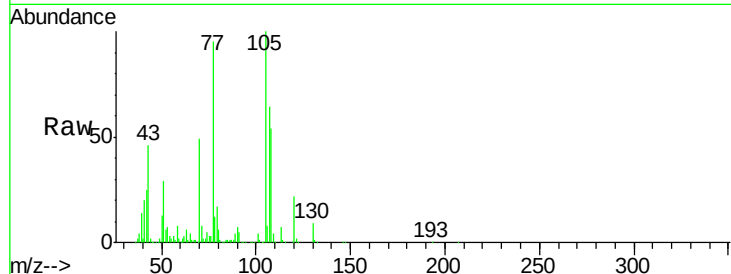
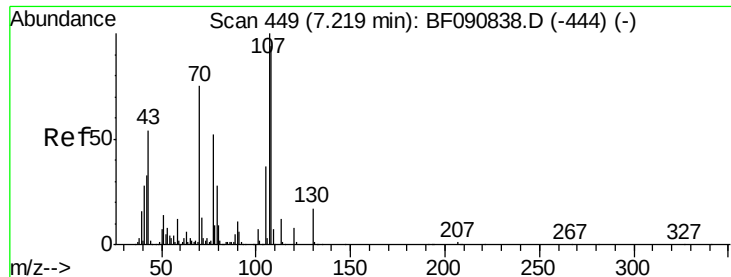
Delta R.T. 0.00 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

Tgt Ion:	117	Resp:	214137
Ion Ratio	Lower	Upper	
117	100		
119	96.1	83.8	125.6
201	91.5	55.1	82.7#





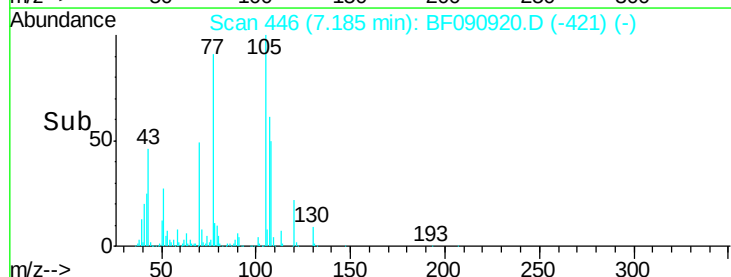
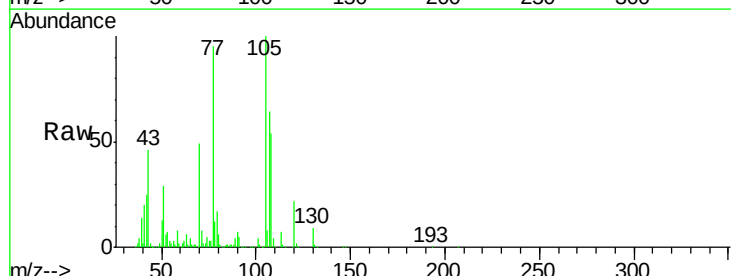
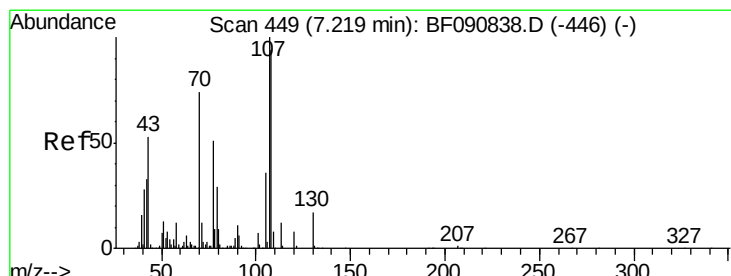
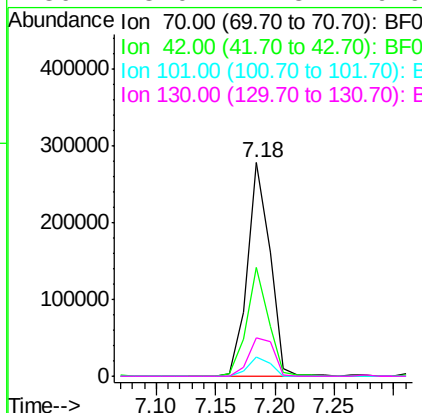
#19
n-Nitroso-di-n-propylamine
Concen: 45.83 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
70	100		
42	51.1	63.8	95.6#
101	9.0	9.2	13.8#
130	18.0	27.3	40.9#

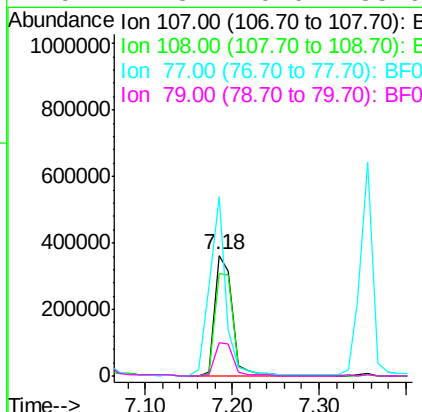
Manual Integrations
APPROVED

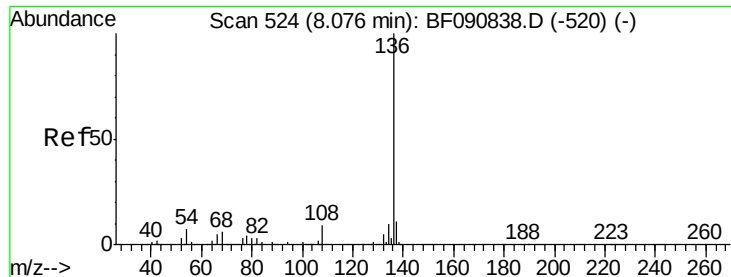
sohil
11/1/2016 7:13:14 PM



#20
3+4-Methylphenols
Concen: 45.34 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.1	74.6	114.6
77	149.2	0.7	40.7#
79	27.3	0.0	38.9





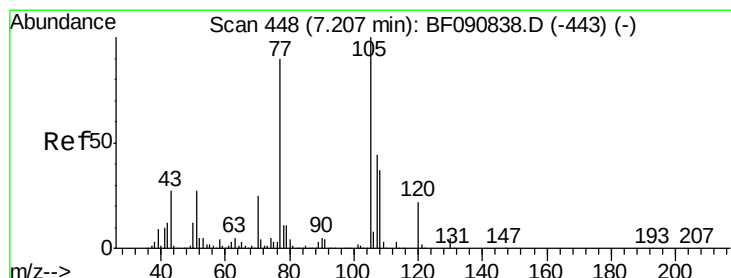
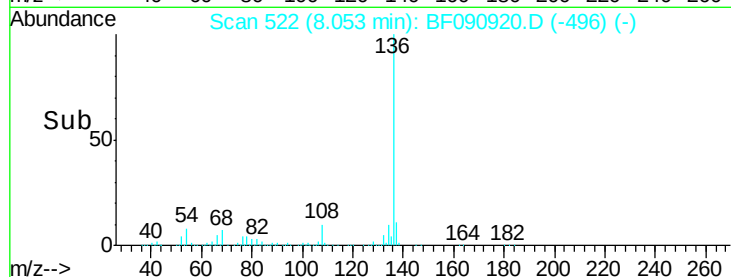
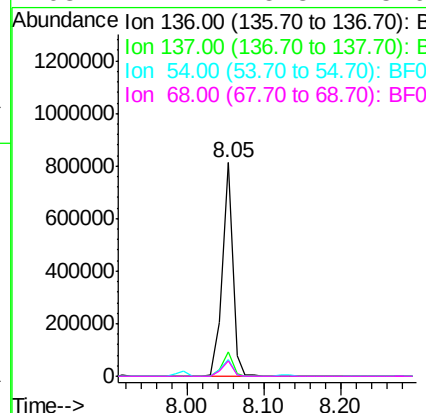
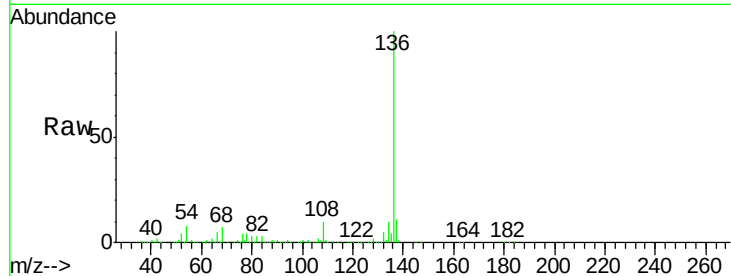
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	11.2	9.0	13.6
54	7.9	8.2	12.2#
68	7.1	5.8	8.6

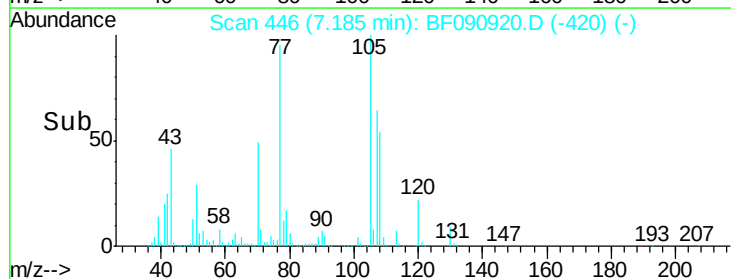
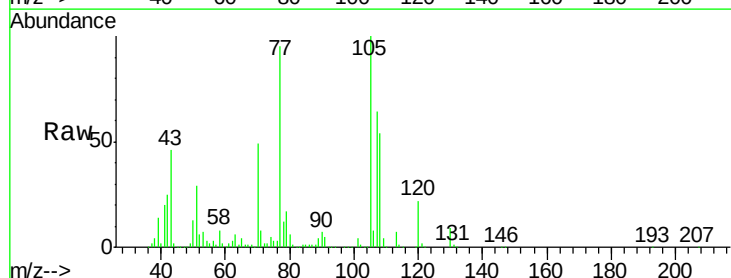
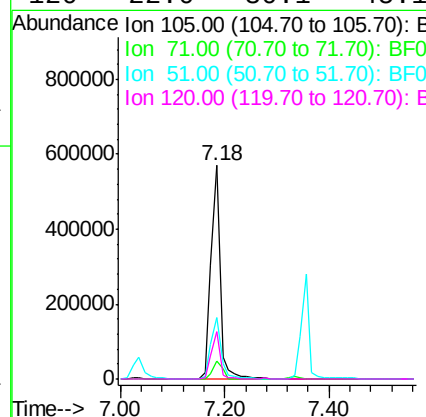
Manual Integrations
APPROVED

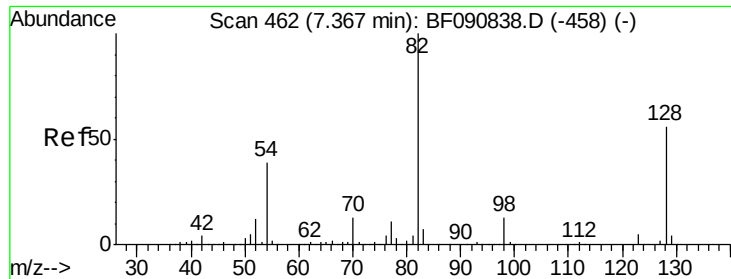
sohil
11/1/2016 7:13:14 PM



#22
Acetophenone
Concen: 44.52 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	8.5	4.7	7.1#
51	28.8	22.0	33.0
120	22.0	30.1	45.1#





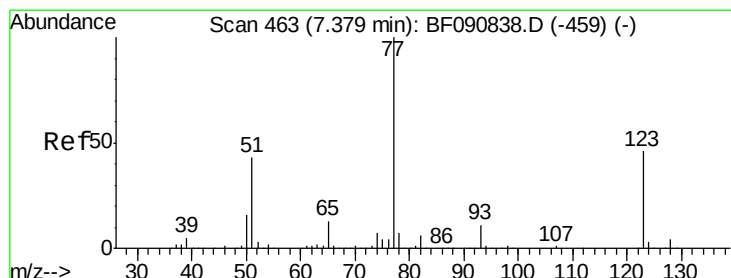
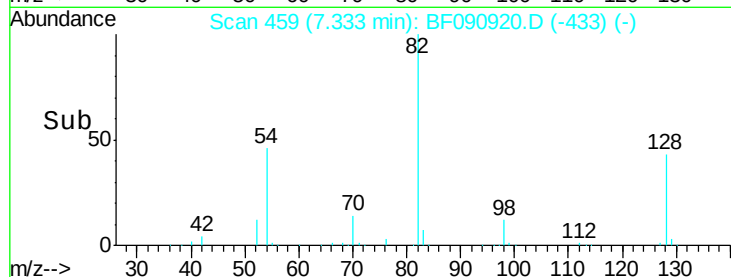
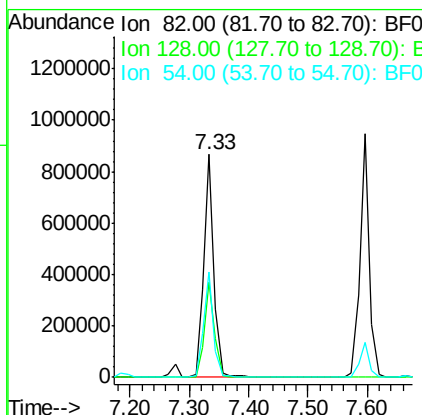
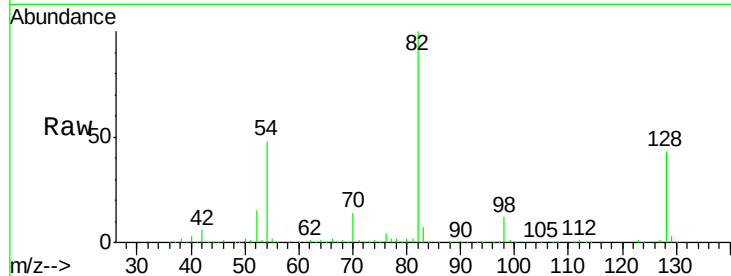
#23
 Nitrobenzene-d5
 Concen: 90.41 ng
 RT: 7.33 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 82 Resp: 1061265
 Ion Ratio Lower Upper
 82 100
 128 42.9 51.0 76.6#
 54 47.5 47.5 71.3#

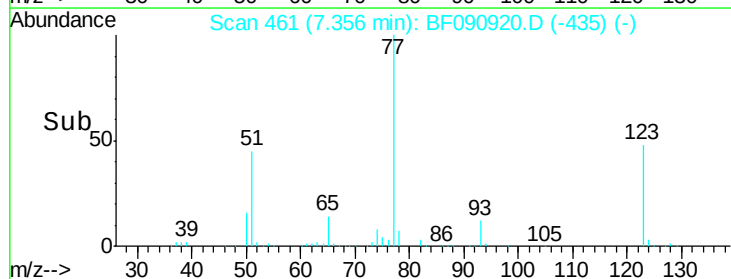
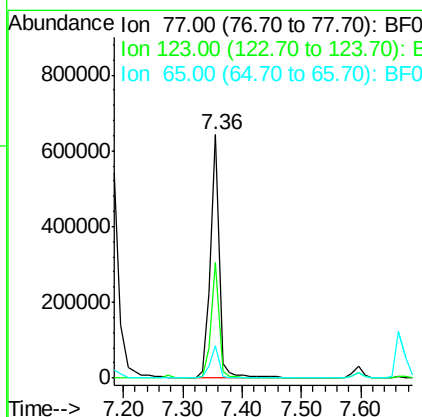
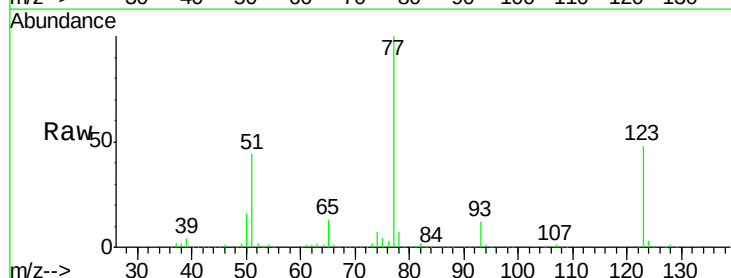
Manual Integrations
 APPROVED

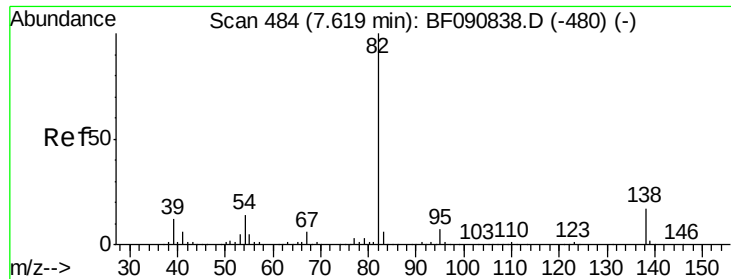
sohil
 11/1/2016 7:13:14 PM



#24
 Nitrobenzene
 Concen: 52.96 ng
 RT: 7.36 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Tgt Ion: 77 Resp: 657525
 Ion Ratio Lower Upper
 77 100
 123 47.5 59.8 89.8#
 65 13.1 10.2 15.4





#25

Isophorone

Concen: 43.26 ng

RT: 7.60 min Scan# 482

Delta R.T. 0.00 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 82 Resp: 1030468

Ion Ratio Lower Upper

82 100

95 6.6 4.0 6.0#

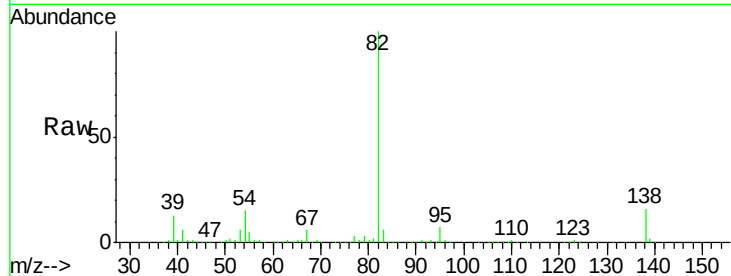
138 16.2 18.3 27.5#

Manual Integrations

APPROVED

sohil

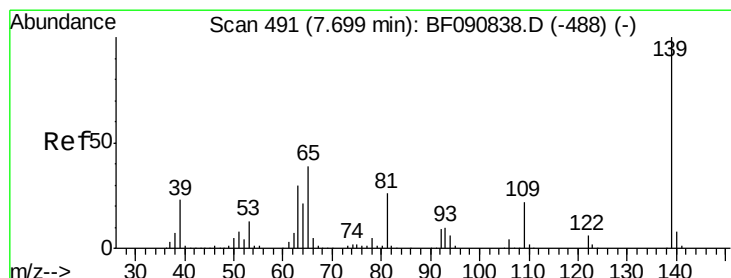
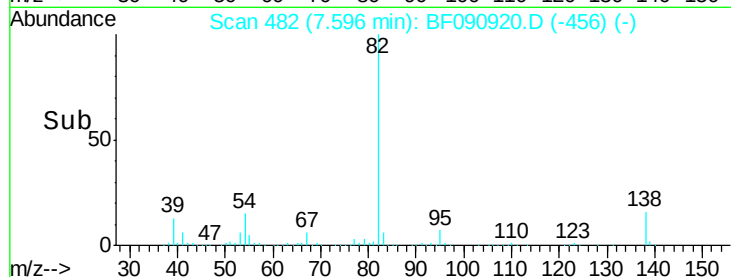
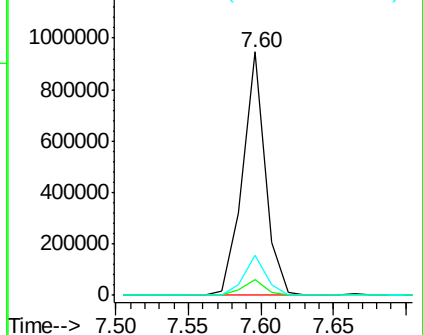
11/1/2016 7:13:14 PM



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 39.76 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

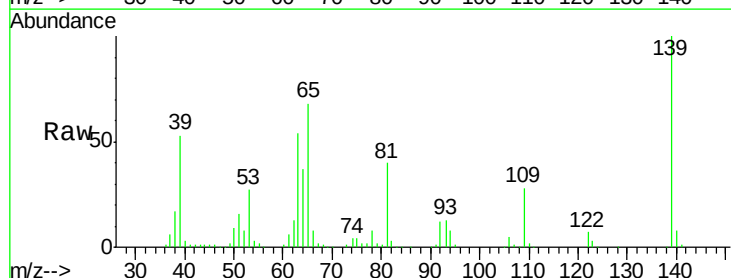
Tgt Ion: 139 Resp: 264467

Ion Ratio Lower Upper

139 100

109 28.1 11.0 16.4#

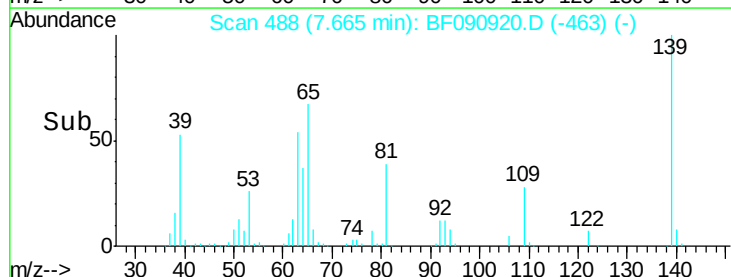
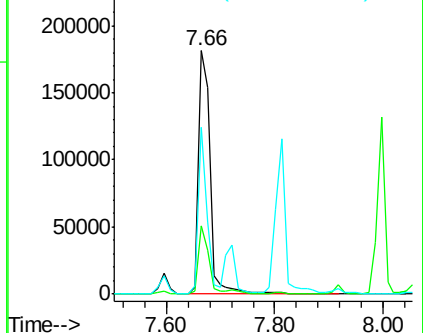
65 68.3 24.7 37.1#

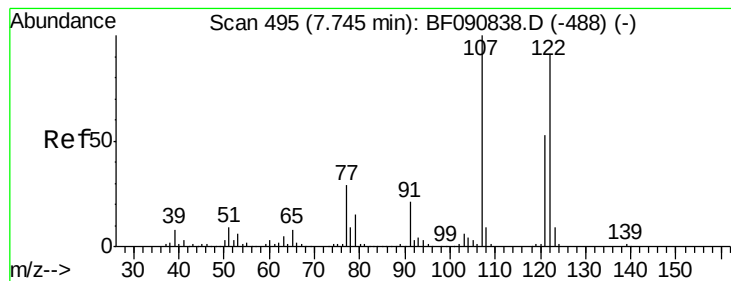


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





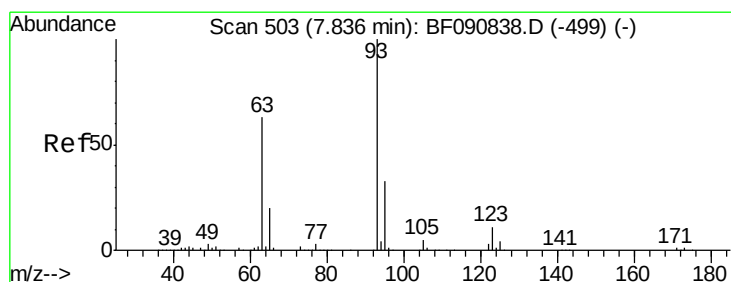
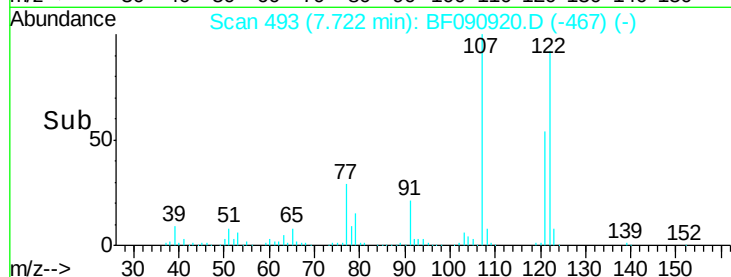
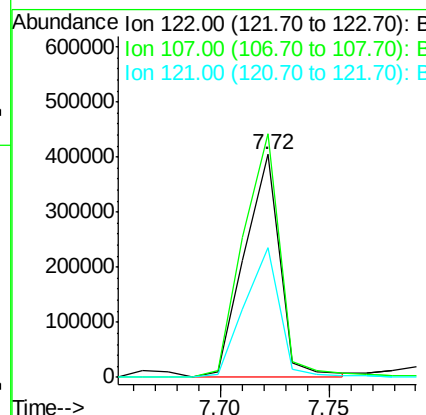
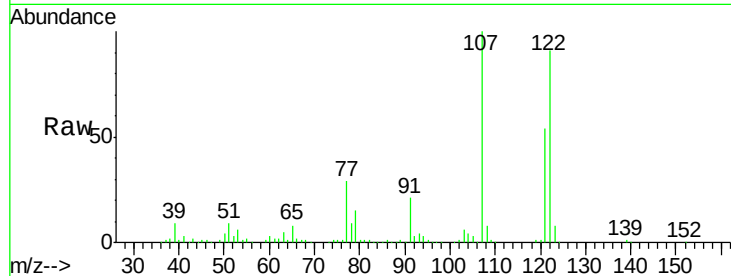
#27
 2,4-Dimethylphenol
 Concen: 42.22 ng
 RT: 7.72 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
122	100		
107	109.4	71.8	107.6#
121	58.6	42.3	63.5

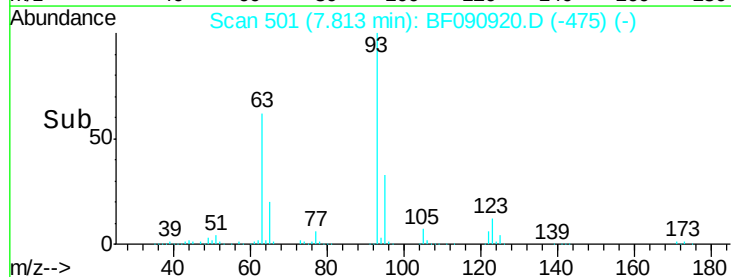
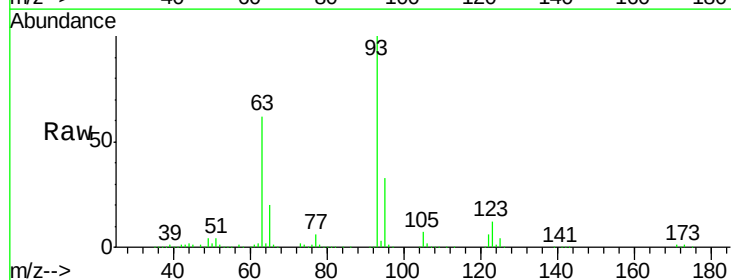
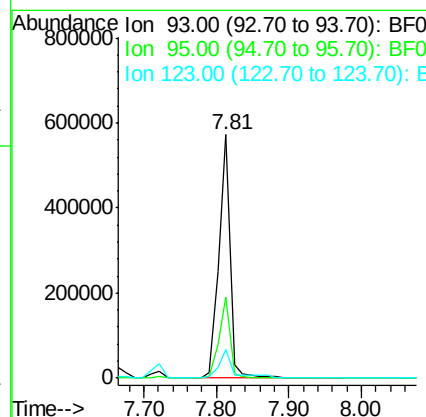
Manual Integrations
 APPROVED

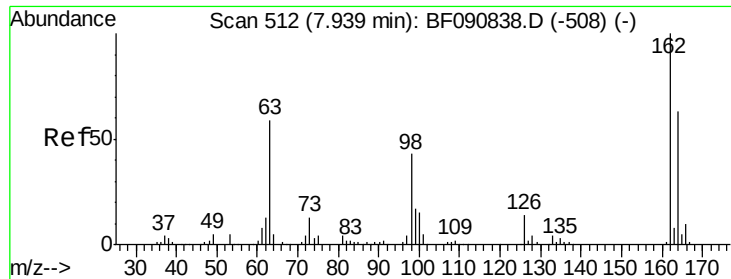
sohil
 11/1/2016 7:13:14 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.56 ng
 RT: 7.81 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	27.5	41.3
123	11.9	13.7	20.5#





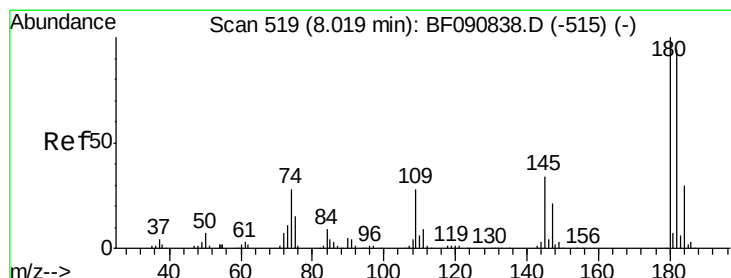
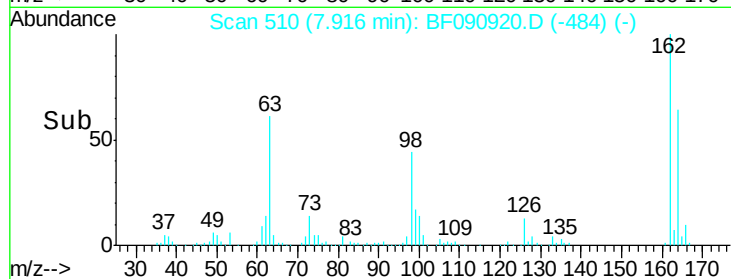
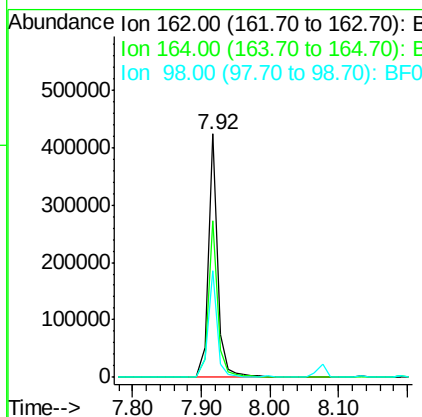
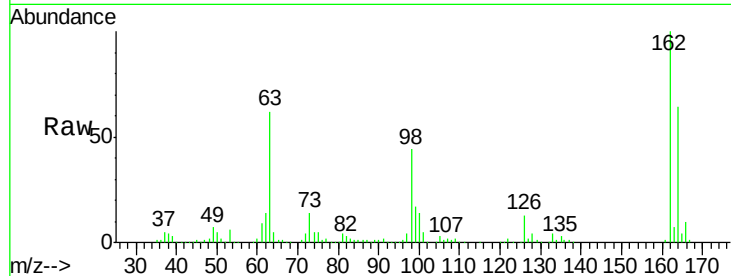
#29
 2,4-Dichlorophenol
 Concen: 40.29 ng
 RT: 7.92 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	401719		
164	64.2	44.9	84.9	
98	43.6	13.0	53.0	

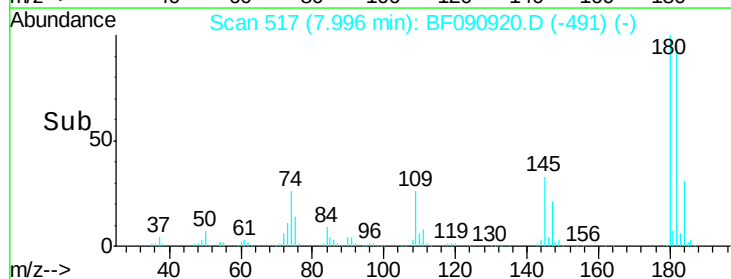
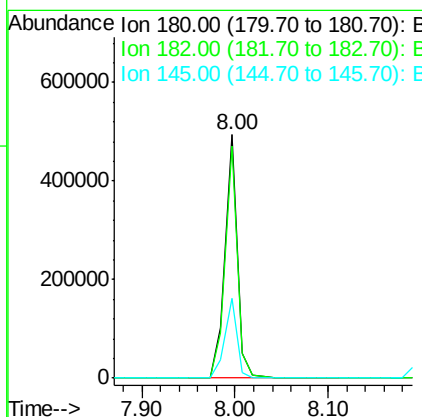
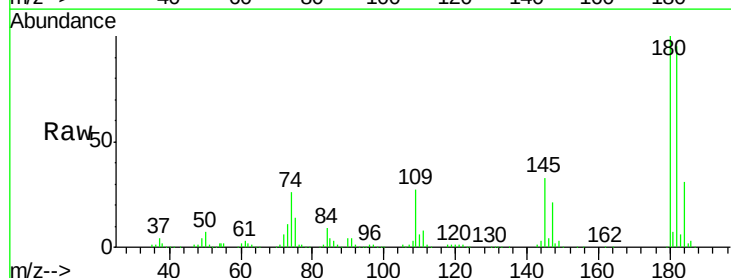
Manual Integrations
 APPROVED

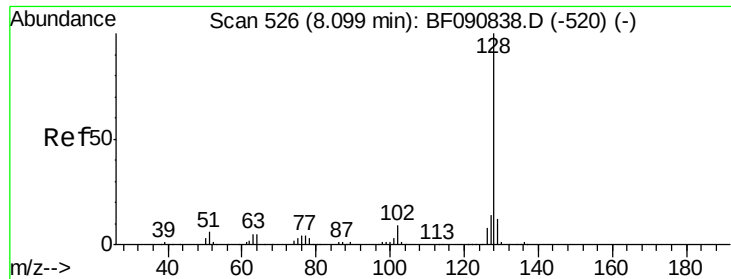
sohil
 11/1/2016 7:13:14 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.28 ng
 RT: 8.00 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	452609		
182	95.2	77.1	115.7	
145	32.8	23.3	34.9	





#31

Naphthalene

Concen: 43.14 ng

RT: 8.08 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

Instrument :

BNA_F

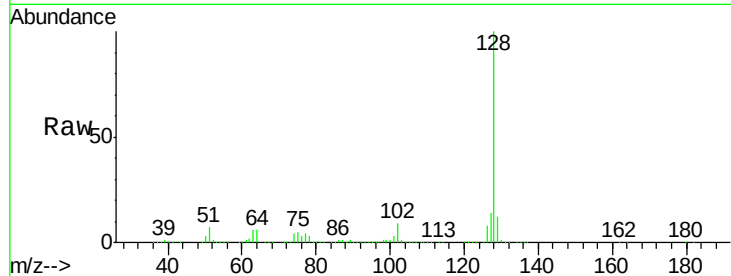
ClientSampleId :

SSTDCCC040EC

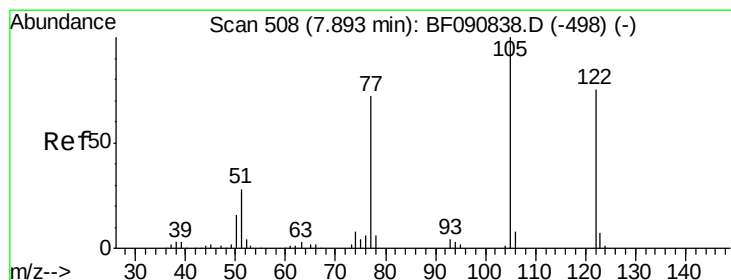
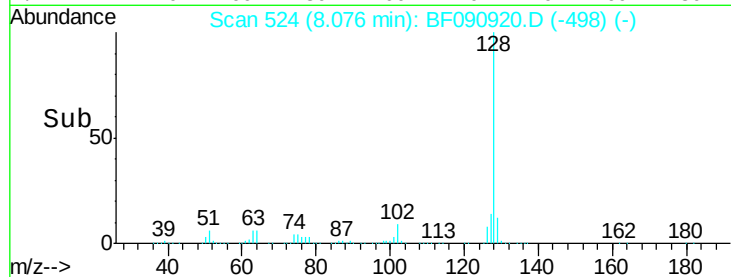
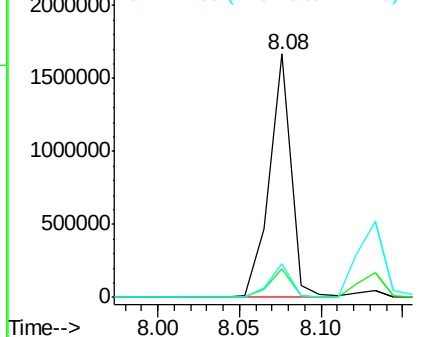
Tgt Ion:	128	Resp:	1549696
Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.4	12.6
127	13.8	9.9	14.9

Manual Integrations
APPROVED

sohil
11/1/2016 7:13:14 PM



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



#32

Benzoic acid

Concen: 42.06 ng

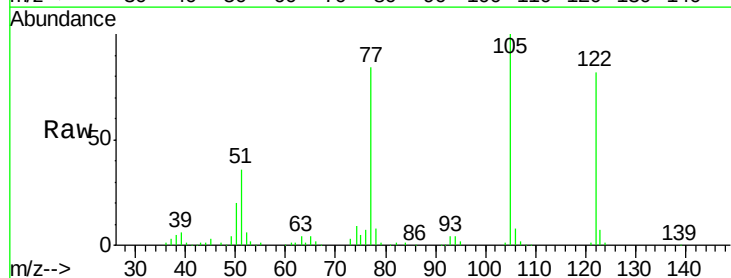
RT: 7.86 min Scan# 505

Delta R.T. -0.02 min

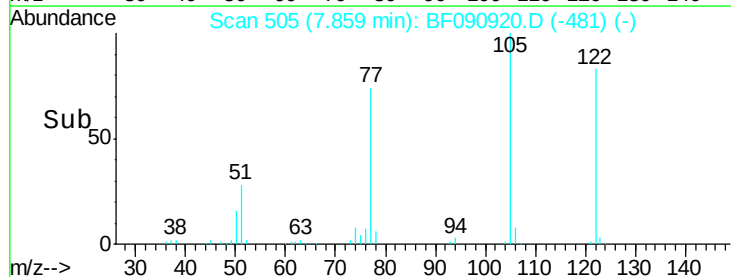
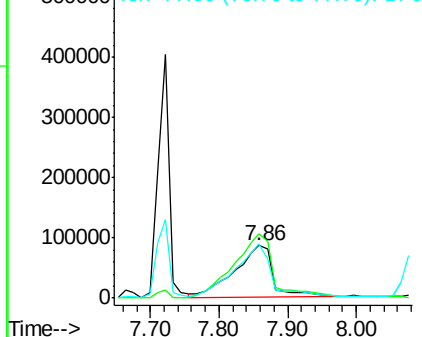
Lab File: BF090920.D

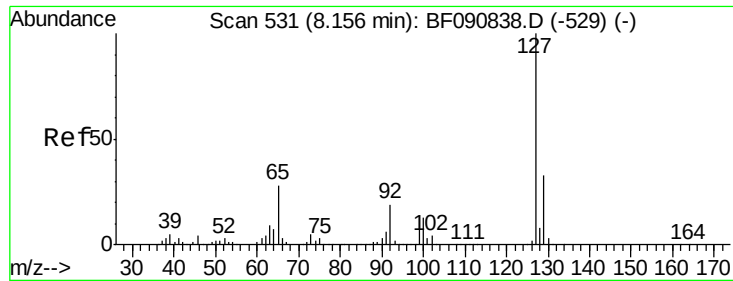
Acq: 28 Oct 2016 20:44

Tgt Ion:	122	Resp:	328865
Ion	Ratio	Lower	Upper
122	100		
105	121.8	76.1	116.1#
77	102.7	40.5	80.5#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





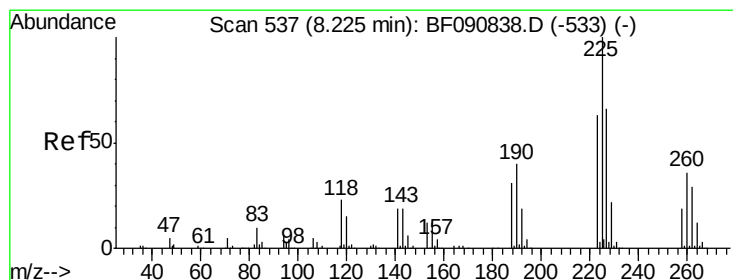
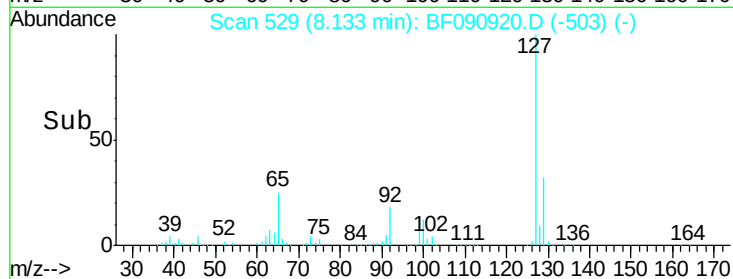
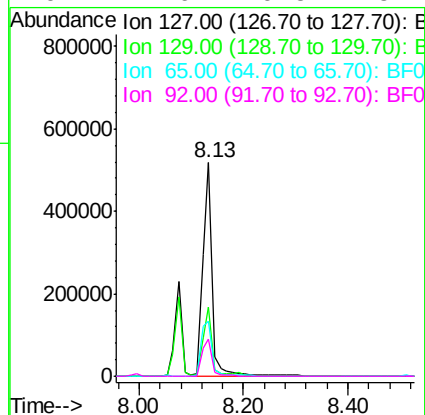
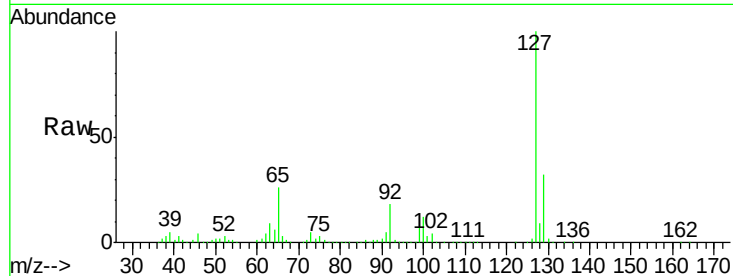
#33
4-Chloroaniline
Concen: 44.26 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	642422		
129	32.2	25.8	38.6	
65	25.5	17.9	26.9	
92	17.6	10.5	15.7	

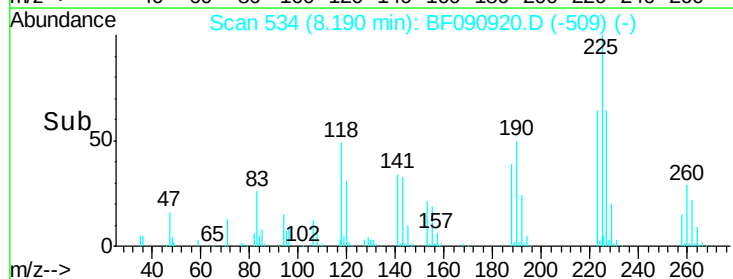
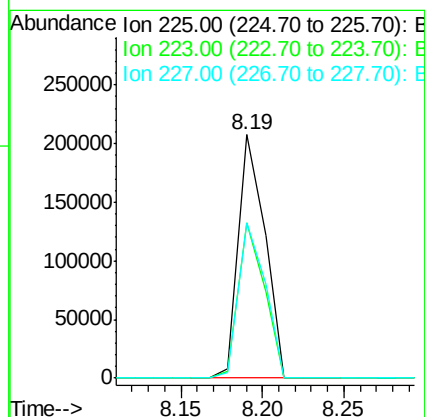
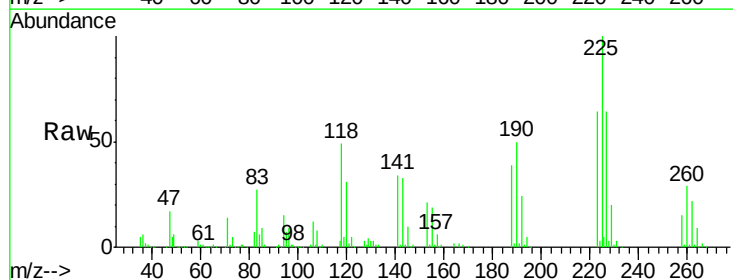
Manual Integrations
APPROVED

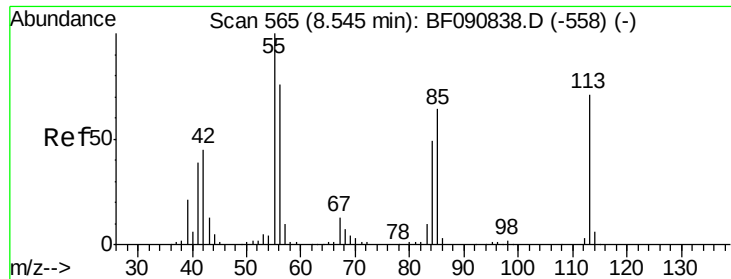
sohil
11/1/2016 7:13:14 PM



#34
Hexachlorobutadiene
Concen: 34.26 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	232156		
223	63.8	50.2	75.2	
227	63.7	52.2	78.2	





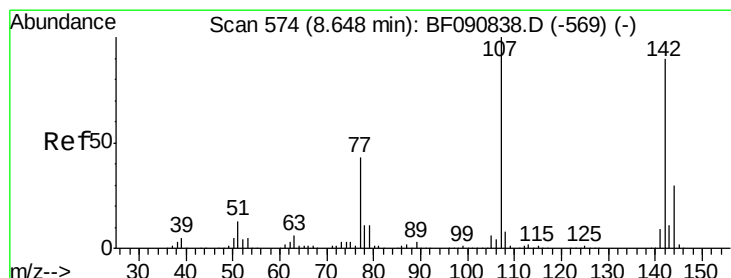
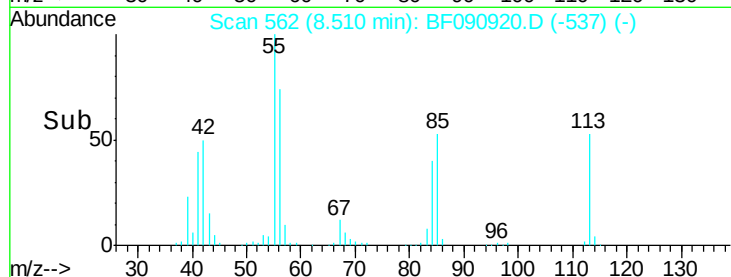
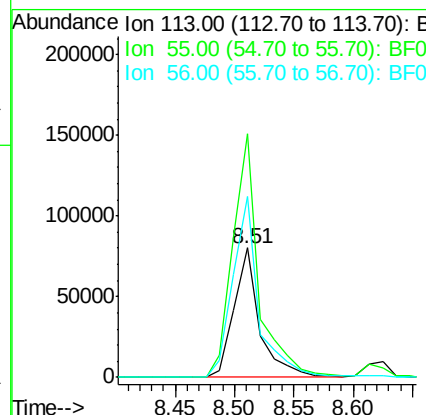
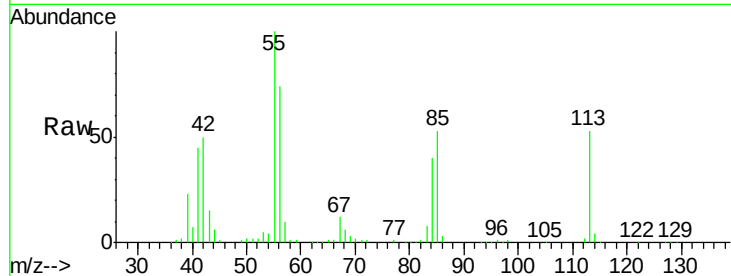
#35
 Caprolactam
 Concen: 39.05 ng
 RT: 8.51 min Scan# 562
 Delta R.T. -0.01 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
113	100		
55	188.6	152.4	192.4
56	139.7	104.6	144.6

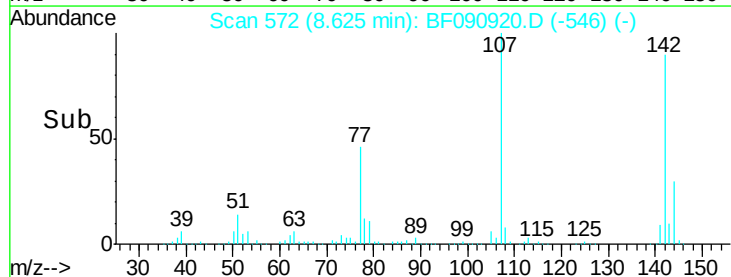
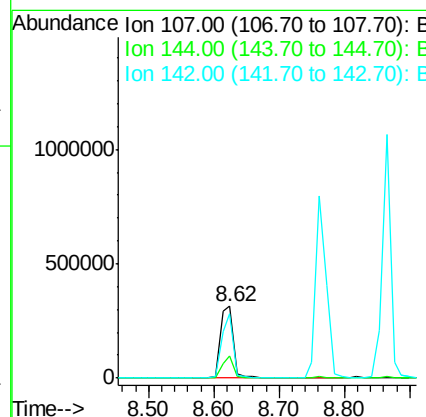
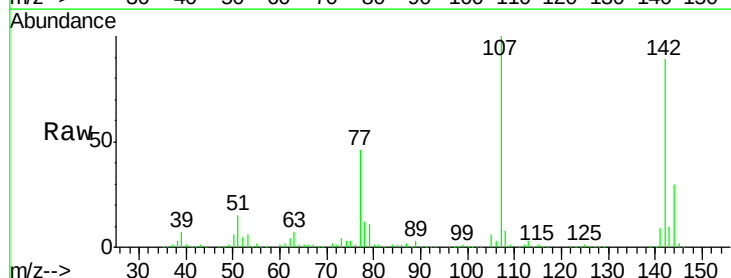
Manual Integrations
 APPROVED

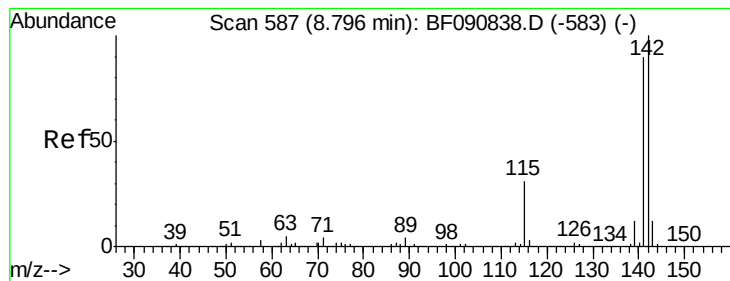
sohil
 11/1/2016 7:13:14 PM



#36
 4-Chloro-3-methylphenol
 Concen: 41.76 ng
 RT: 8.62 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Tgt Ion	Ratio	Lower	Upper
107	100		
144	30.0	25.4	38.0
142	89.4	77.3	115.9





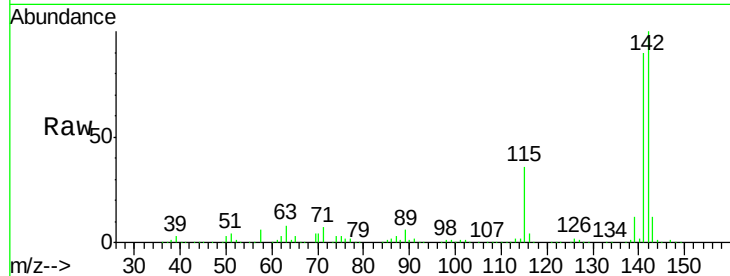
#37
 2-Methylnaphthalene
 Concen: 38.51 ng
 RT: 8.76 min Scan# 584
 Delta R.T. -0.01 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

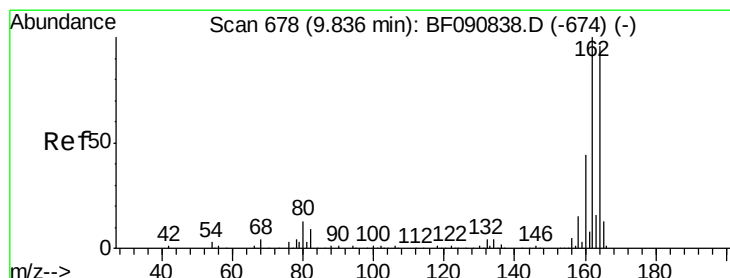
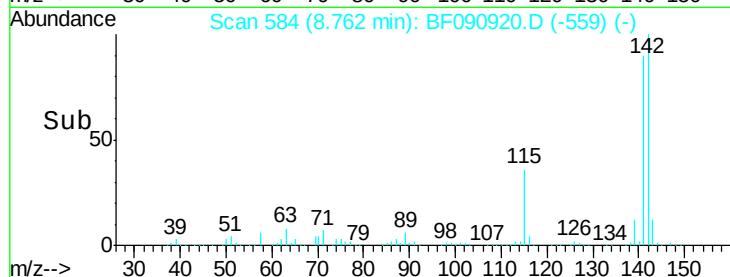
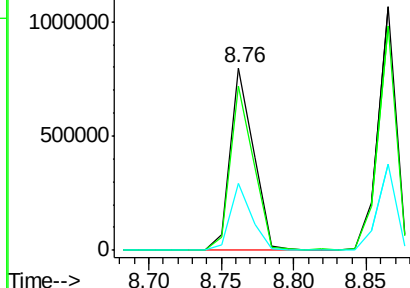
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	67.5	101.3
115	36.3	18.2	27.2

Manual Integrations
 APPROVED

sohil
 11/1/2016 7:13:14 PM



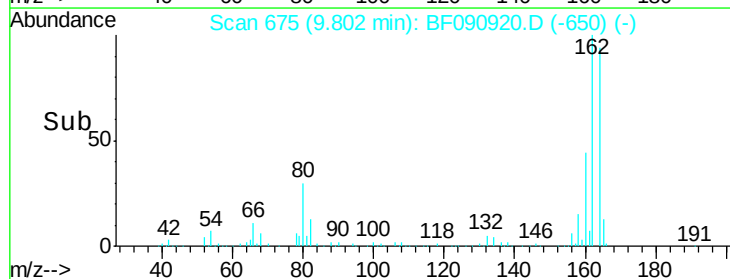
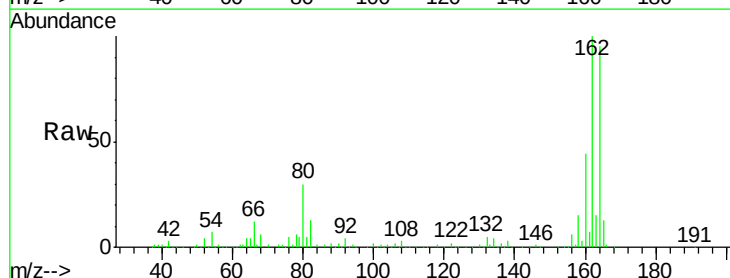
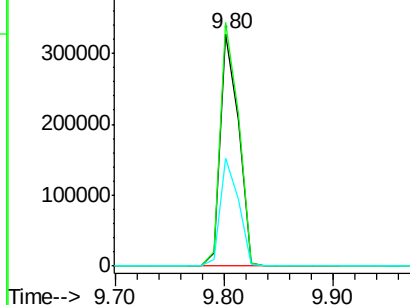
Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

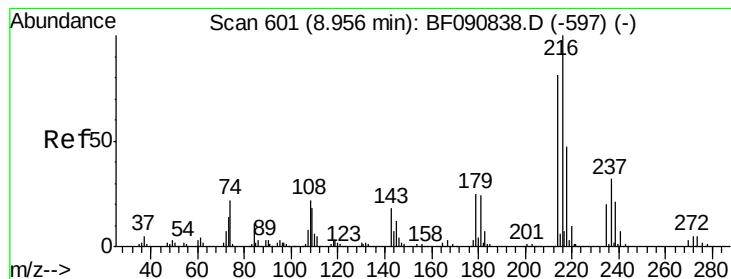


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	75.2	112.8
160	46.4	31.5	47.3

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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.59 ng

RT: 8.93 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

Instrument :

BNA_F

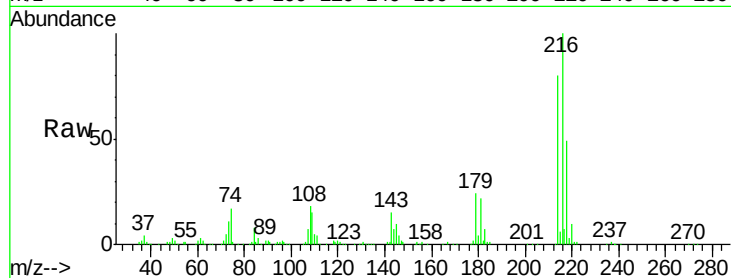
ClientSampleId :

SSTDCCC040EC

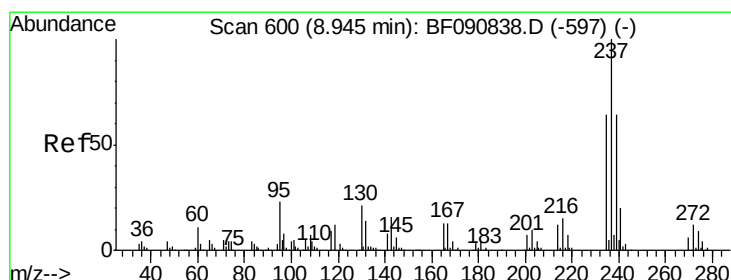
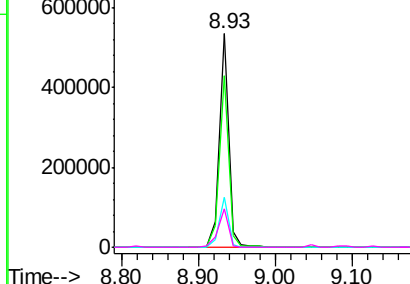
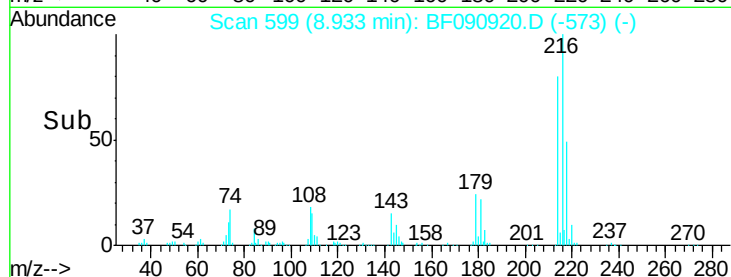
Tgt Ion:	216	Resp:	448721
Ion Ratio	Lower	Upper	
216	100		
214	80.1	63.5	95.3
179	23.6	16.6	24.8
108	19.9	16.3	24.5

Manual Integrations
APPROVED

sohil
11/1/2016 7:13:14 PM



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



#40

Hexachlorocyclopentadiene

Concen: 21.40 ng

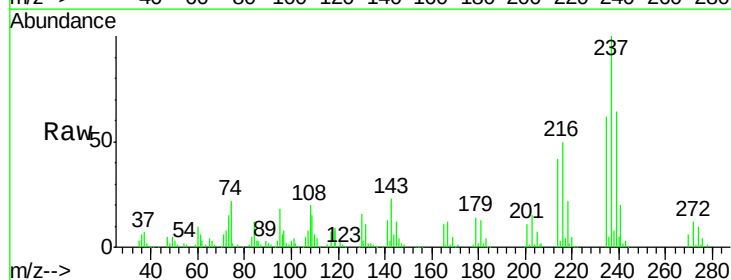
RT: 8.92 min Scan# 598

Delta R.T. 0.00 min

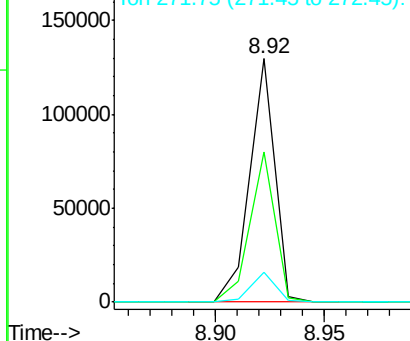
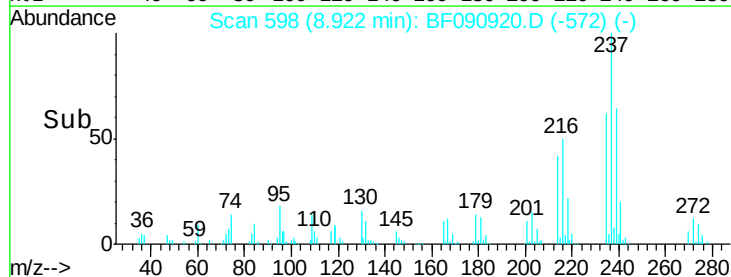
Lab File: BF090920.D

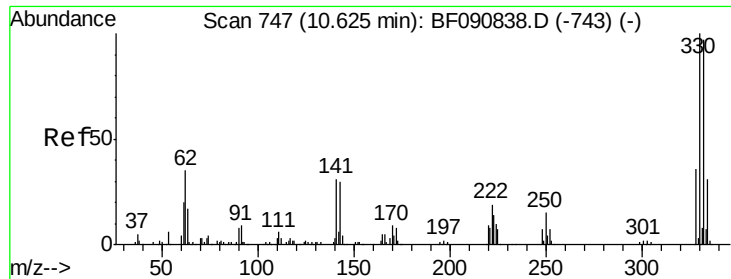
Acq: 28 Oct 2016 20:44

Tgt Ion:	237	Resp:	103706
Ion Ratio	Lower	Upper	
237	100		
235	61.6	42.0	82.0
272	12.5	0.0	36.1



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





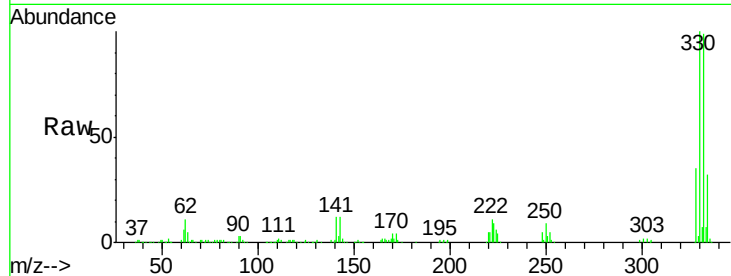
#41
 2,4,6-Tribromophenol
 Concen: 82.94 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

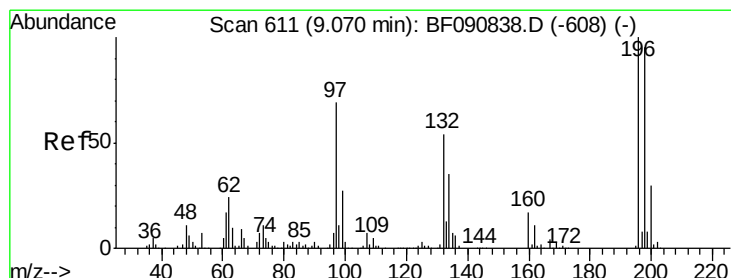
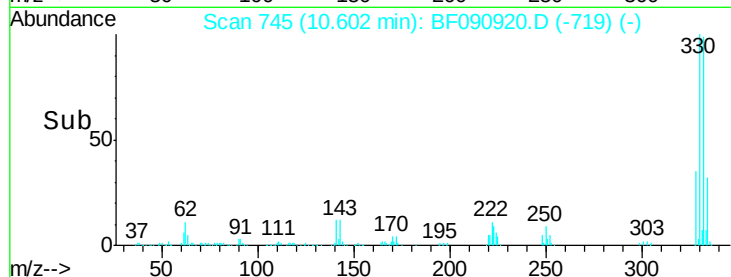
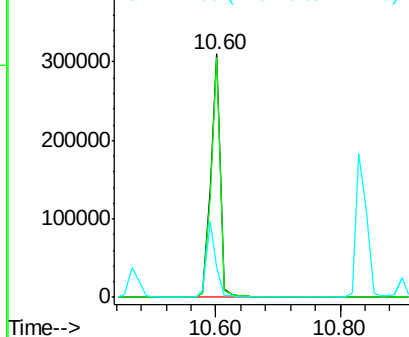
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	327342		
332	96.8	76.6	114.8	
141	31.3	29.7	44.5	

Manual Integrations
 APPROVED

sohil
 11/1/2016 7:13:14 PM

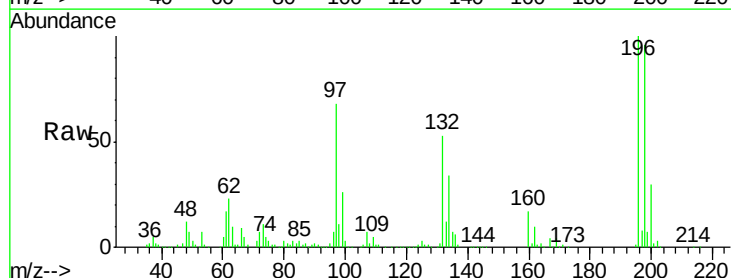


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

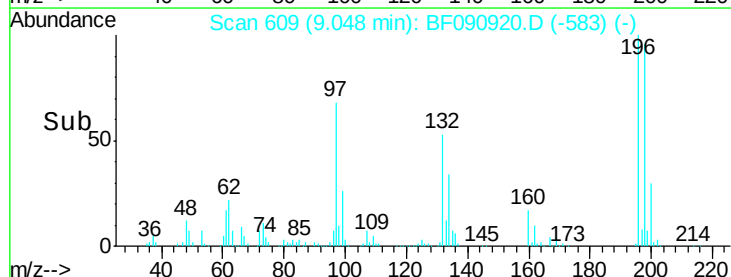
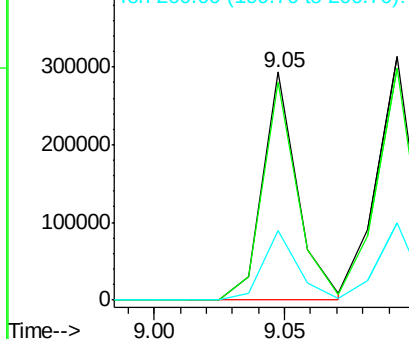


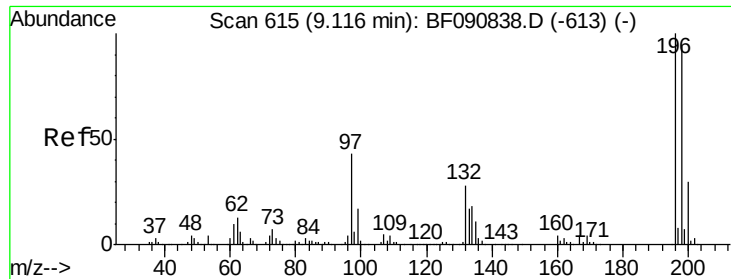
#42
 2,4,6-Trichlorophenol
 Concen: 40.06 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	272449		
198	95.6	75.7	113.5	
200	30.4	23.9	35.9	



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





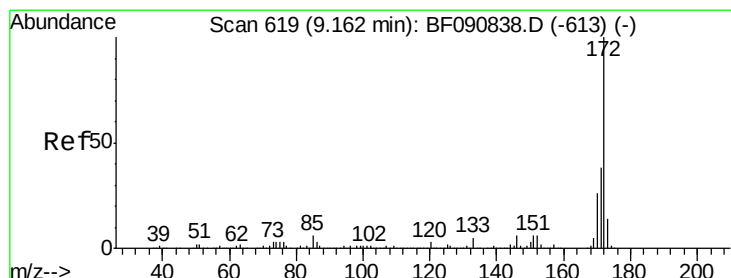
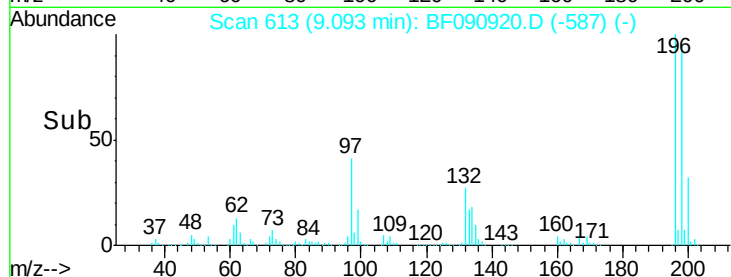
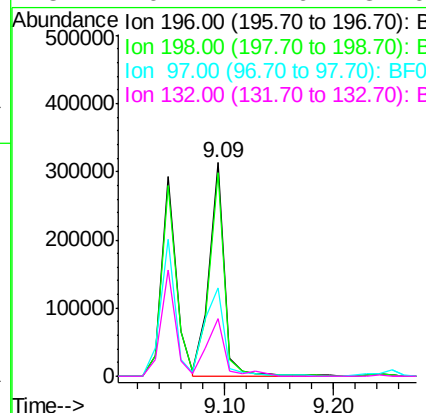
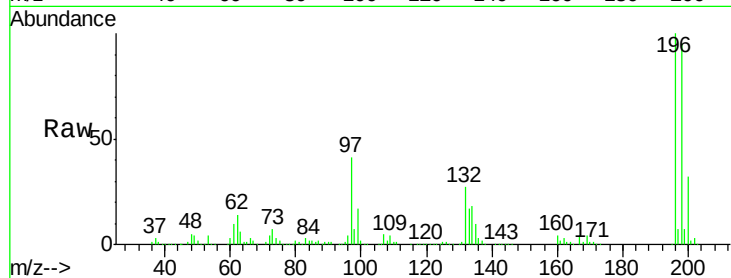
#43
 2,4,5-Trichlorophenol
 Concen: 43.69 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	196	Resp:	306074
Ion Ratio	Lower	Upper	
196	100		
198	95.2	75.4	113.0
97	41.5	33.3	49.9
132	26.7	24.6	37.0

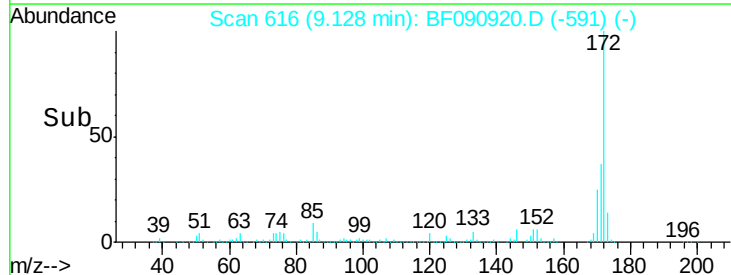
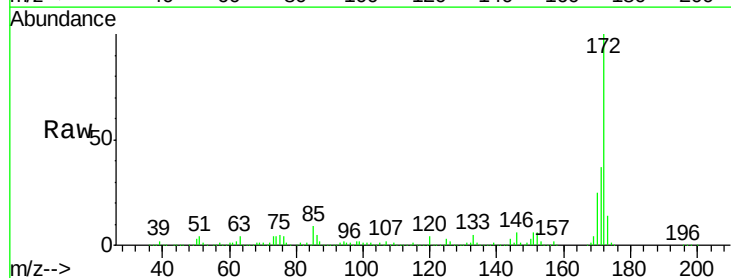
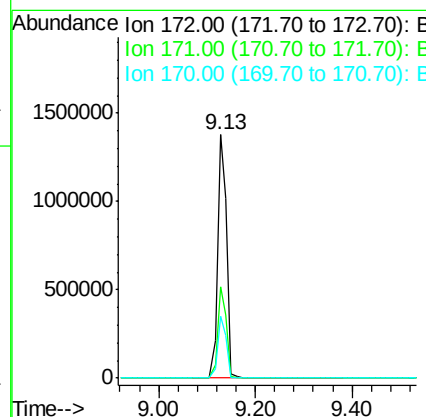
Manual Integrations
 APPROVED

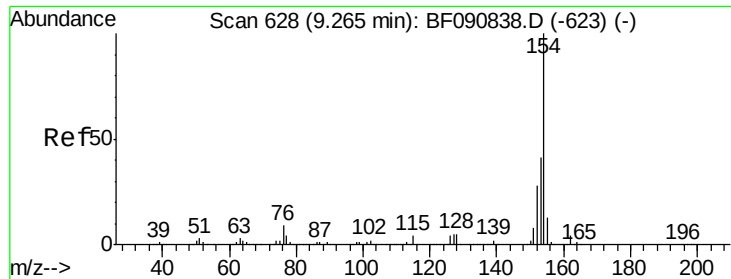
sohil
 11/1/2016 7:13:14 PM



#44
 2-Fluorobiphenyl
 Concen: 83.84 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Tgt Ion:	172	Resp:	1833539
Ion Ratio	Lower	Upper	
172	100		
171	37.3	26.1	39.1
170	25.3	17.4	26.2





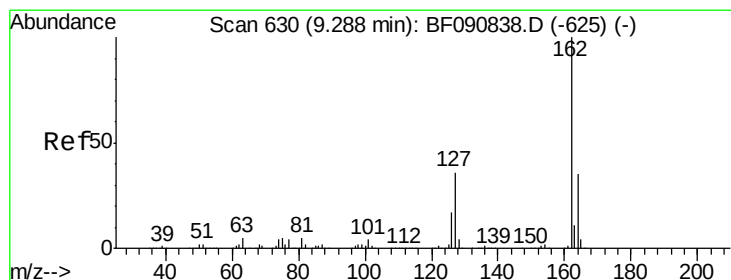
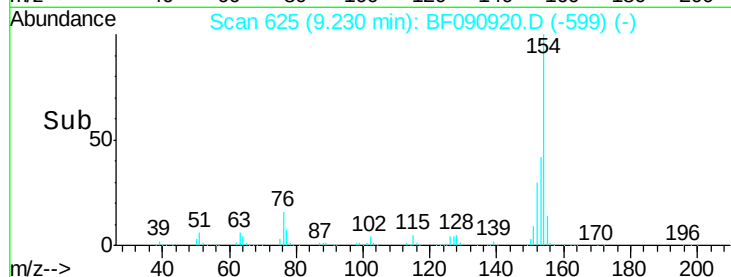
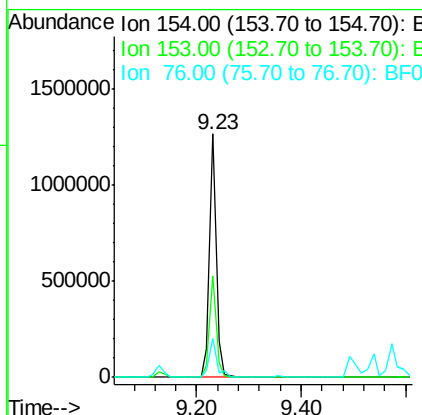
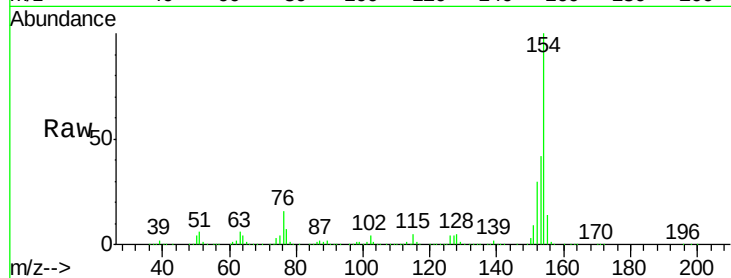
#45
 1,1'-Biphenyl
 Concen: 41.09 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:154 Resp: 1136627
 Ion Ratio Lower Upper
 154 100
 153 41.9 17.1 57.1
 76 16.1 0.0 31.6

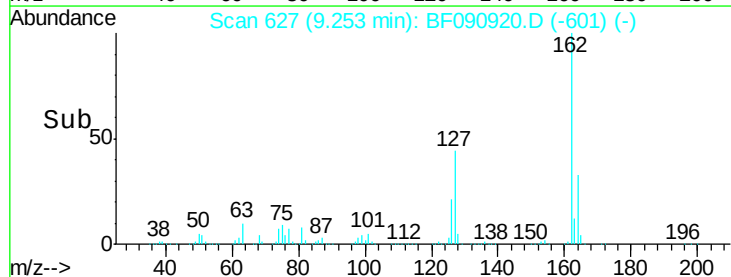
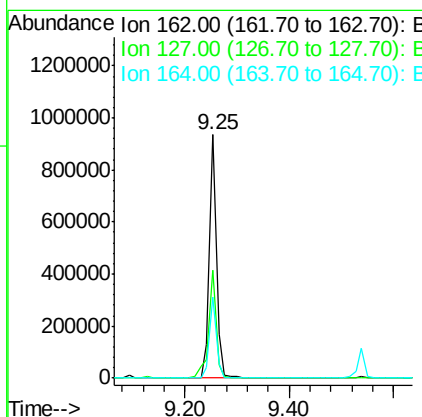
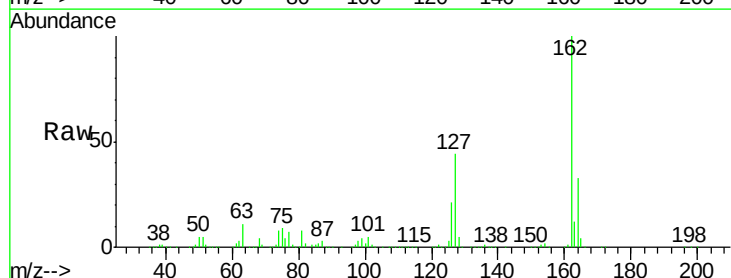
Manual Integrations
 APPROVED

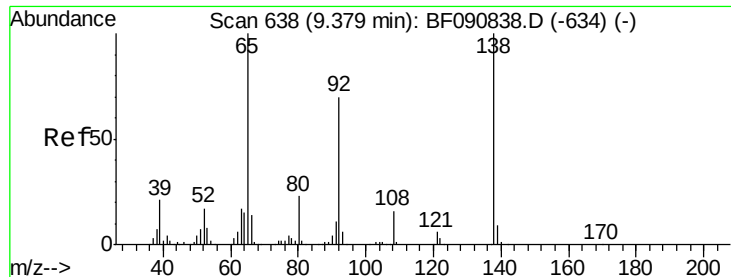
sohil
 11/1/2016 7:13:14 PM



#46
 2-Chloronaphthalene
 Concen: 41.66 ng
 RT: 9.25 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Tgt Ion:162 Resp: 876663
 Ion Ratio Lower Upper
 162 100
 127 44.2 27.6 41.4#
 164 33.4 25.4 38.2





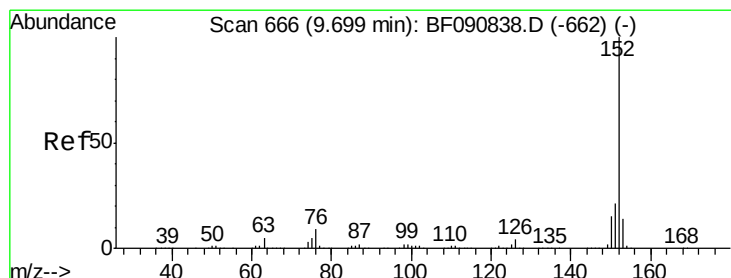
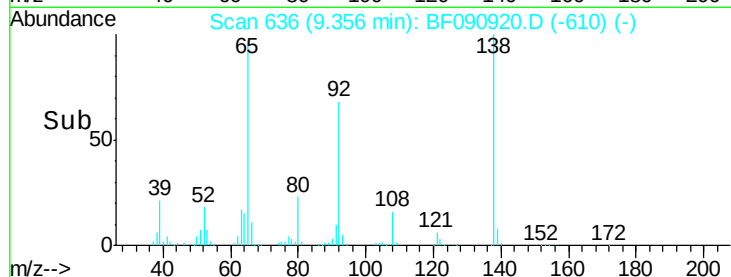
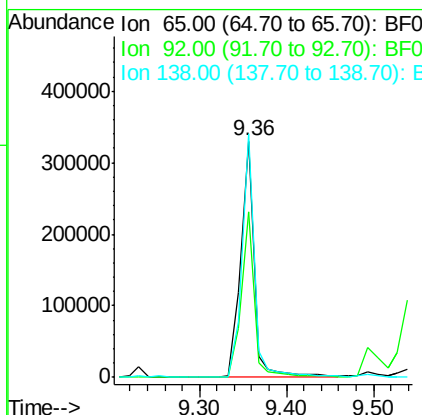
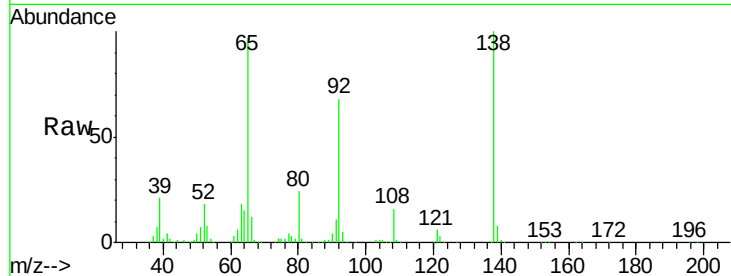
#47
 2-Nitroaniline
 Concen: 60.34 ng
 RT: 9.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.9	55.4	83.0
138	103.1	115.5	173.3#

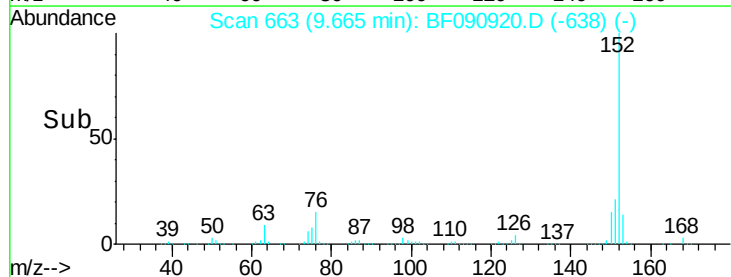
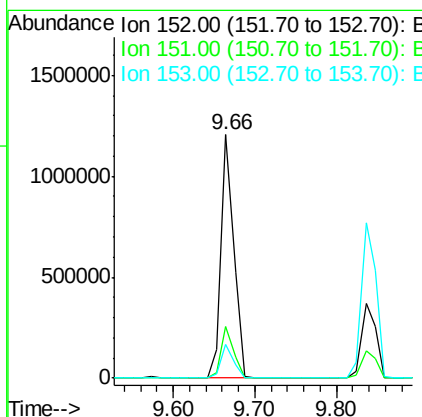
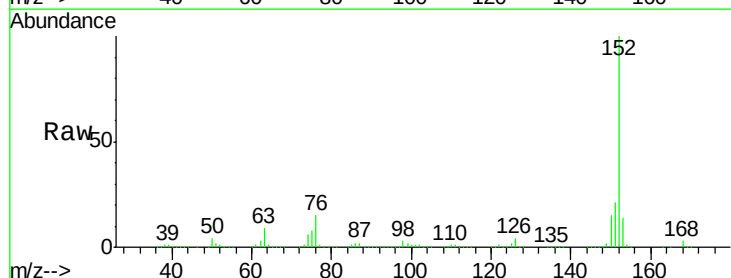
Manual Integrations
 APPROVED

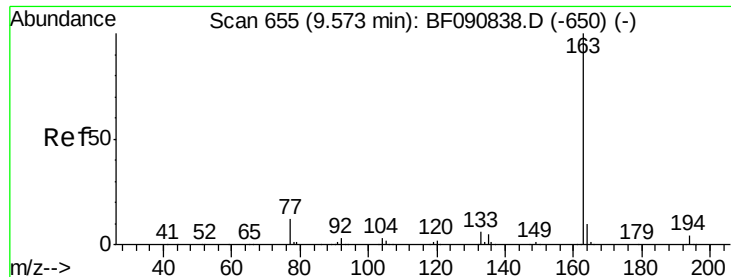
sohil
 11/1/2016 7:13:14 PM



#48
 Acenaphthylene
 Concen: 40.95 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	14.6	22.0
153	14.0	10.3	15.5





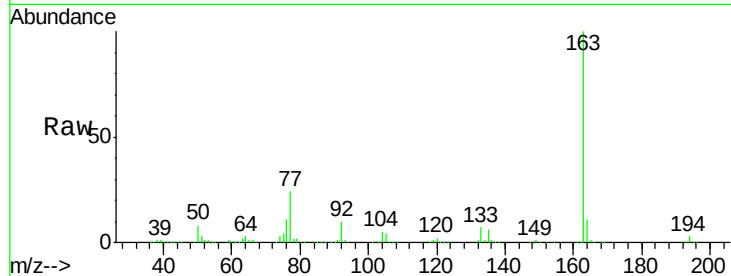
#49
Dimethylphthalate
Concen: 40.58 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

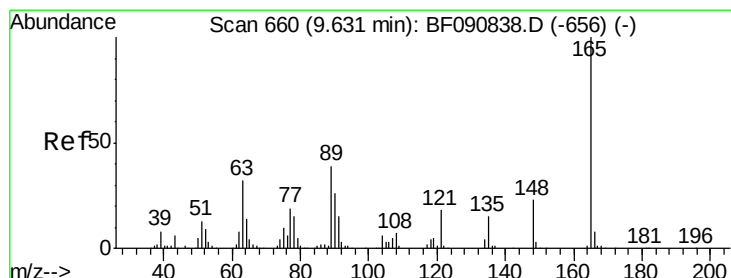
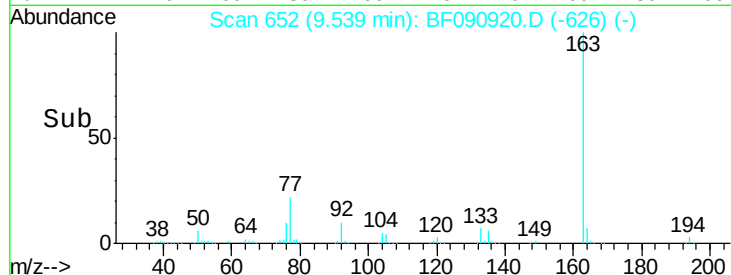
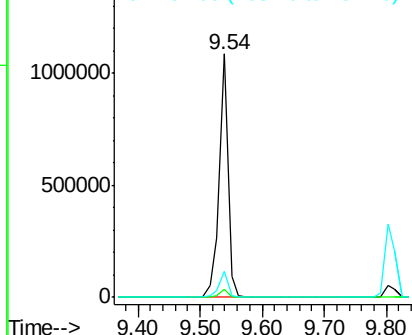
Tgt Ion:163 Resp: 1041236
Ion Ratio Lower Upper
163 100
194 3.3 4.4 6.6#
164 10.6 8.3 12.5

Manual Integrations
APPROVED

sohil
11/1/2016 7:13:14 PM

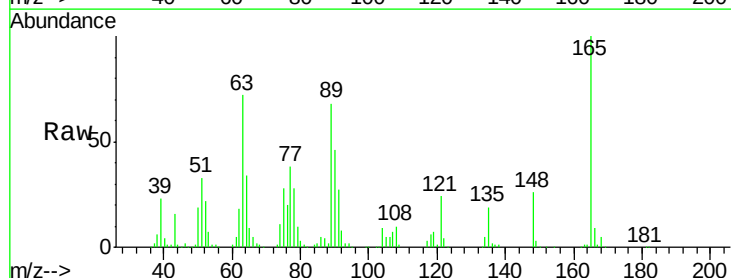


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

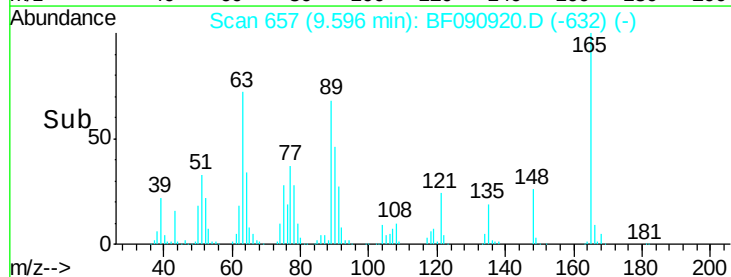
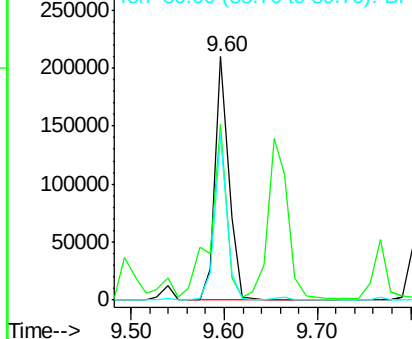


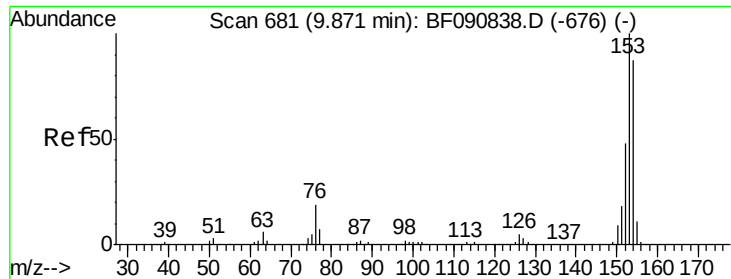
#50
2,6-Dinitrotoluene
Concen: 38.20 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Tgt Ion:165 Resp: 216448
Ion Ratio Lower Upper
165 100
63 72.3 32.3 48.5#
89 68.2 28.6 43.0#



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





#51

Acenaphthene

Concen: 40.38 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

Instrument :

BNA_F

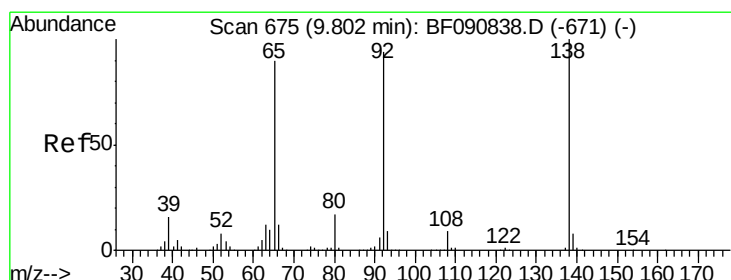
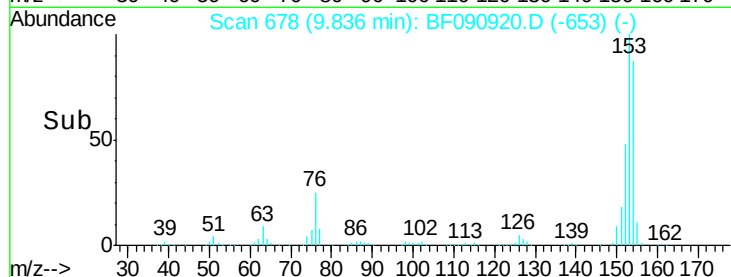
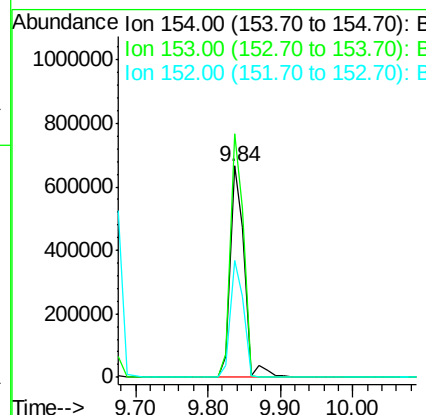
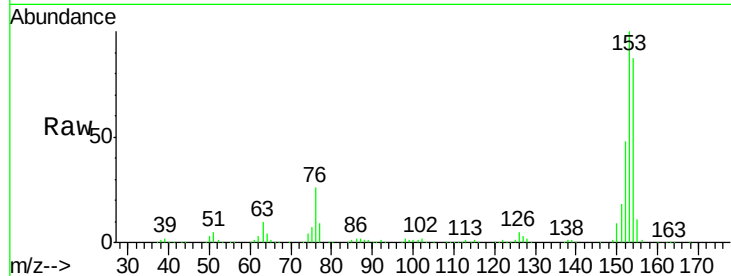
ClientSampleId :

SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	885993		
153	115.4	82.1	123.1	
152	55.4	37.9	56.9	

Manual Integrations
APPROVED

sohil
11/1/2016 7:13:14 PM



#52

3-Nitroaniline

Concen: 43.46 ng

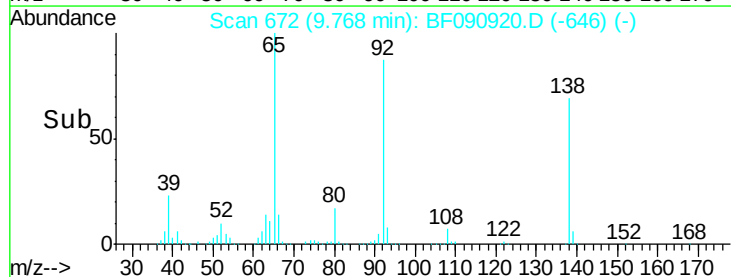
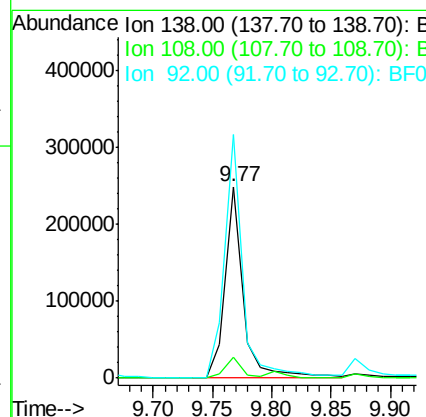
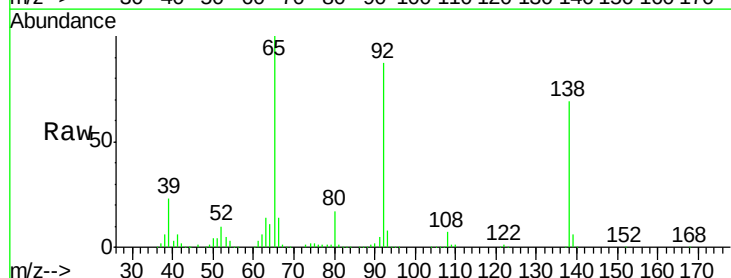
RT: 9.77 min Scan# 672

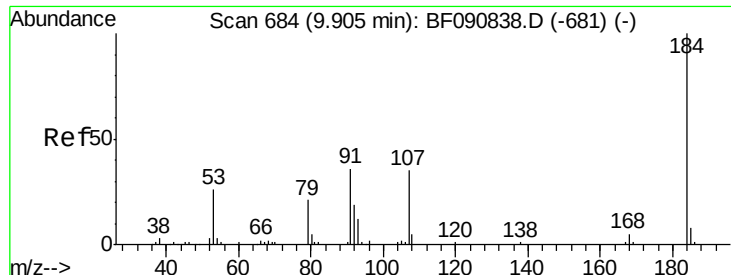
Delta R.T. 0.00 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

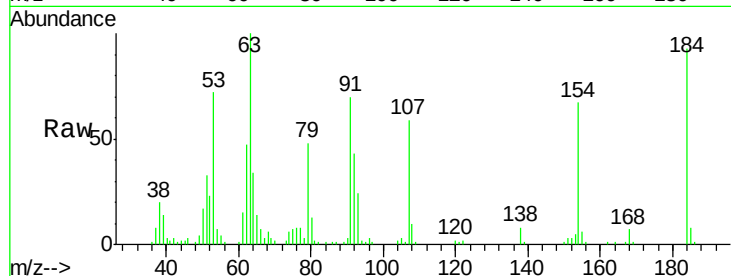
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	262164		
108	10.7	5.7	8.5#	
92	127.1	67.7	101.5#	





#53
2,4-Dinitrophenol
Concen: 26.78 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

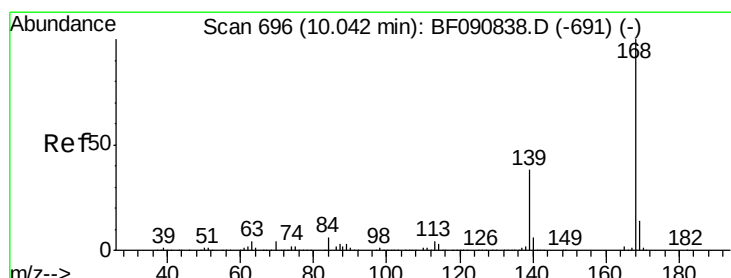
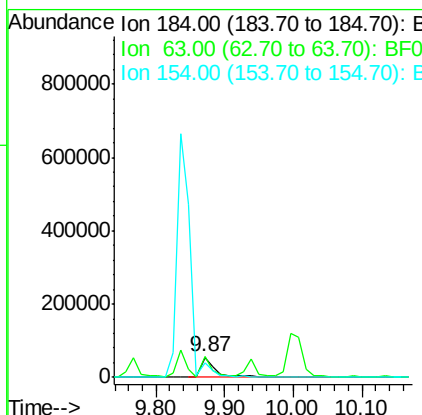
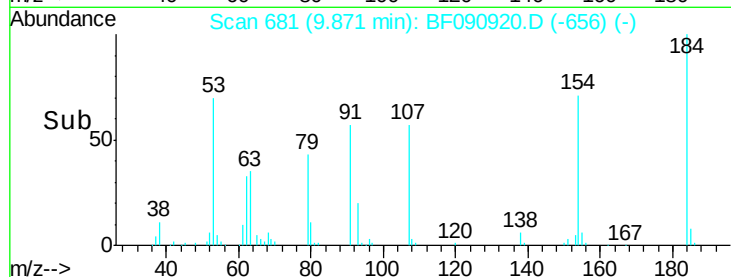
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:184 Resp: 79887
Ion Ratio Lower Upper
184 100
63 107.6 35.4 53.2#
154 72.1 32.2 48.4#

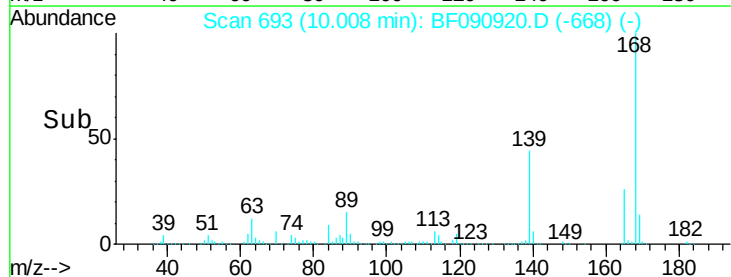
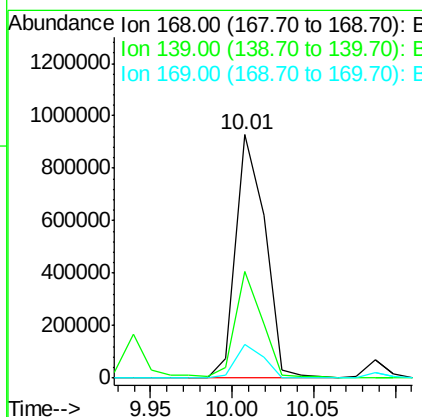
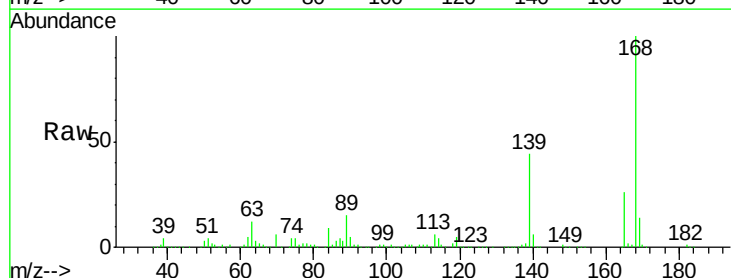
Manual Integrations
APPROVED

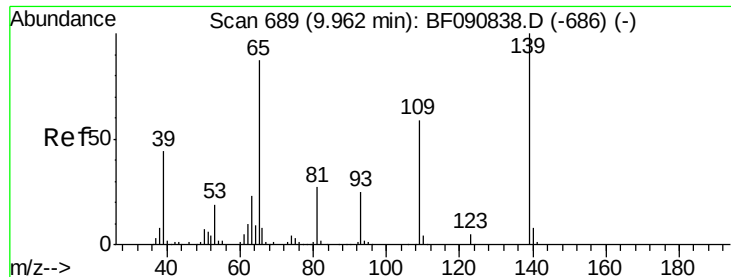
sohil
11/1/2016 7:13:14 PM



#54
Dibenzofuran
Concen: 40.55 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Tgt Ion:168 Resp: 1148203
Ion Ratio Lower Upper
168 100
139 43.8 24.2 36.2#
169 13.9 10.6 15.8





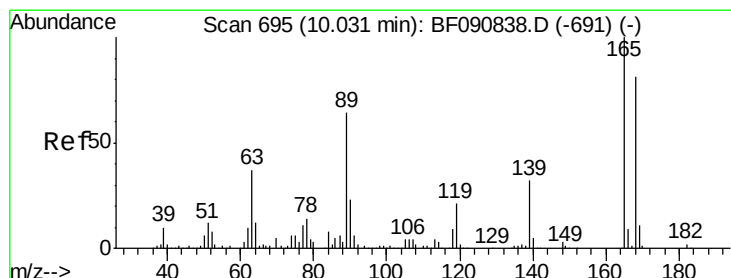
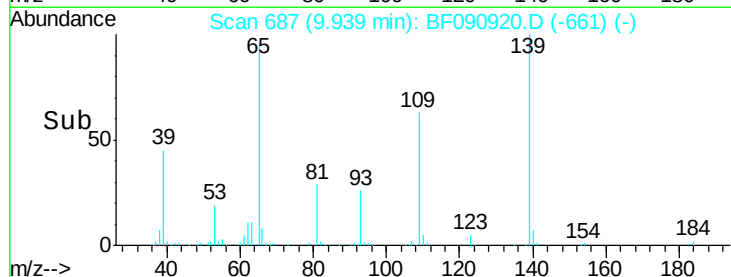
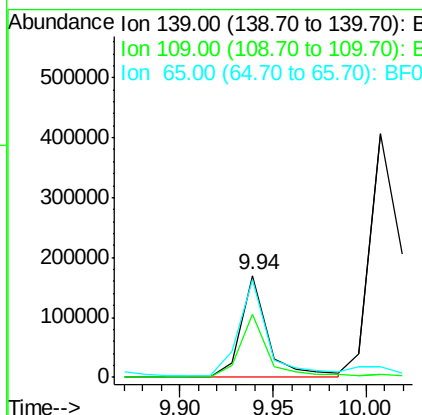
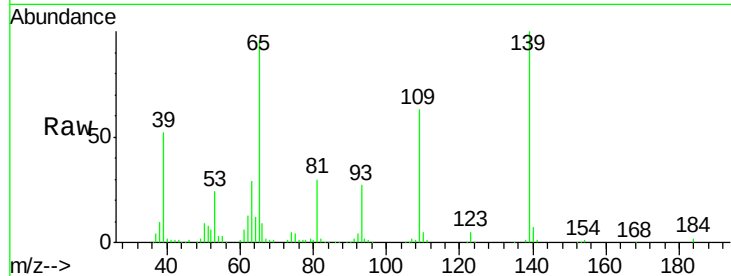
#55
4-Nitrophenol
Concen: 47.05 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Instrument :
BNA_F
ClientSampled :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	173096		
109	62.6	12.7	52.7#	
65	96.5	45.9	85.9#	

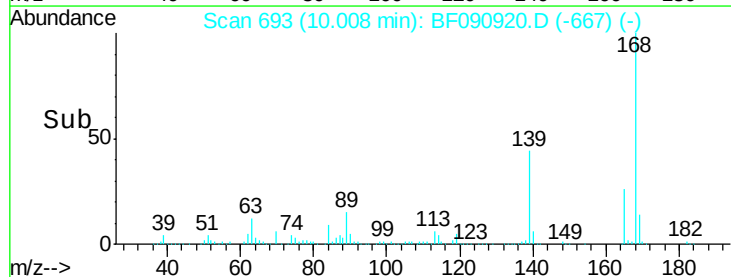
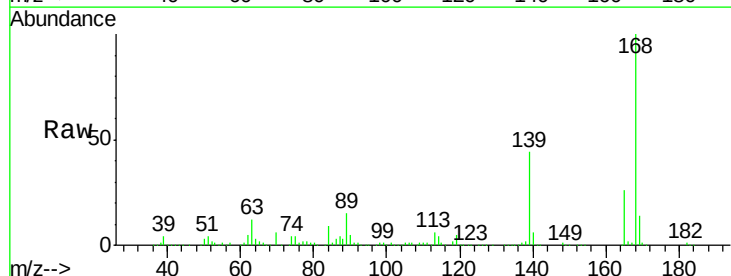
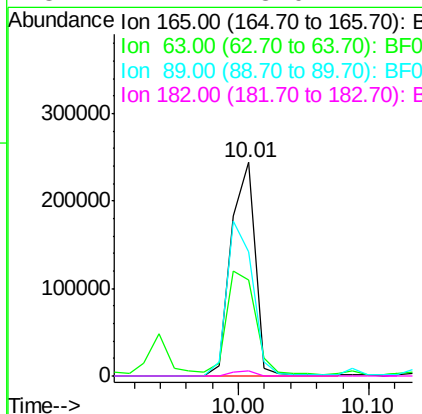
Manual Integrations
APPROVED

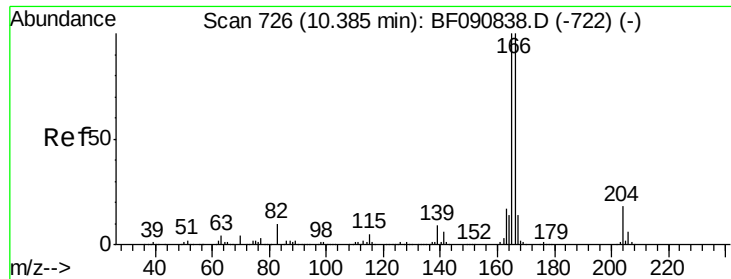
sohil
11/1/2016 7:13:14 PM



#56
2,4-Dinitrotoluene
Concen: 44.52 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	313422		
63	45.2	29.8	44.6#	
89	58.0	44.5	66.7	
182	2.4	3.0	4.4#	





#57

Fluorene

Concen: 40.76 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

Instrument :

BNA_F

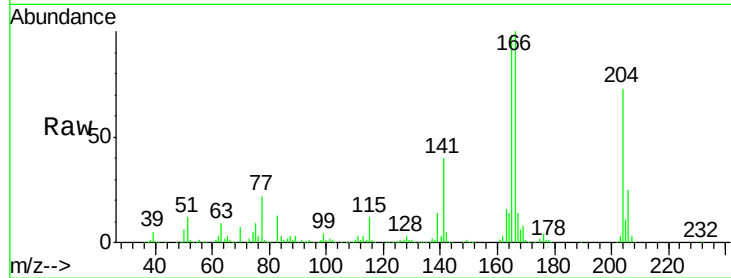
ClientSampleId :

SSTDCCC040EC

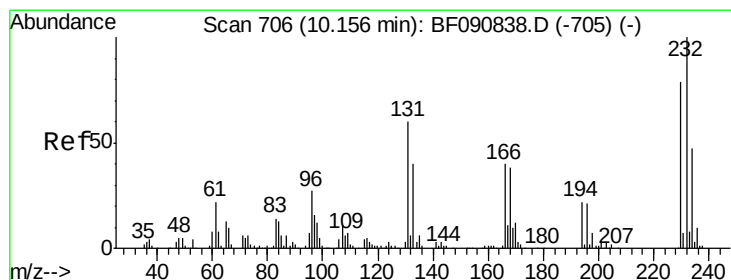
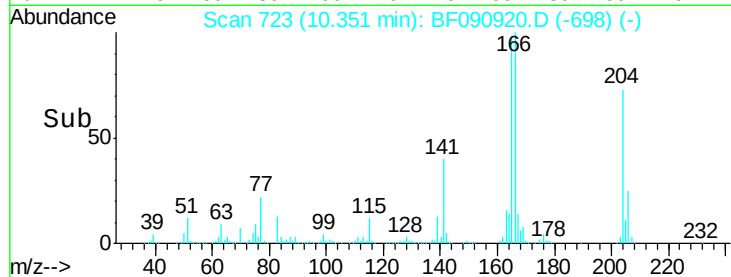
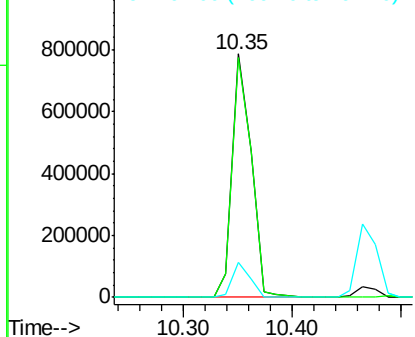
Tgt Ion:	166	Resp:	945368
Ion Ratio	Lower	Upper	
166	100		
165	98.3	72.6	109.0
167	14.2	10.6	16.0

Manual Integrations
APPROVED

sohil
11/1/2016 7:13:14 PM



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.03 ng

RT: 10.13 min Scan# 704

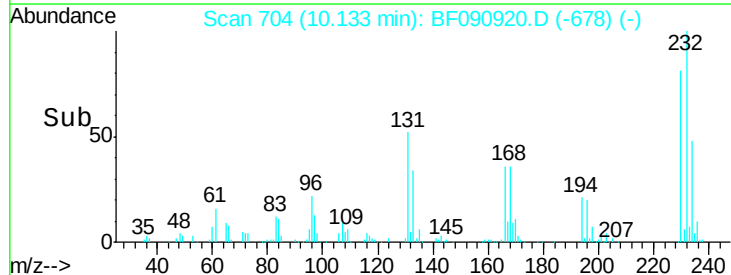
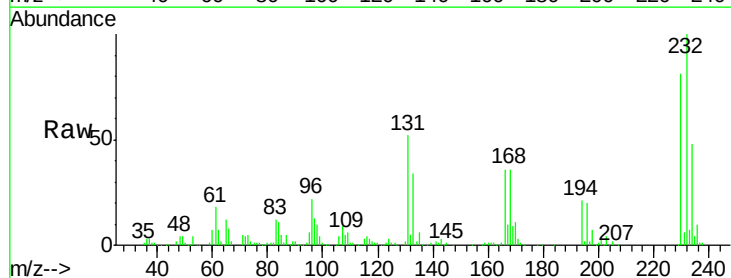
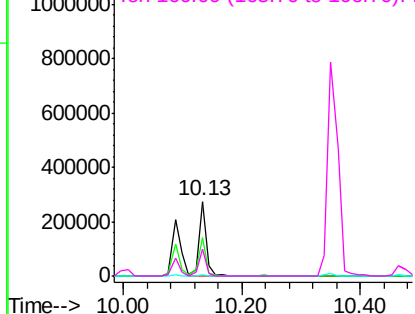
Delta R.T. 0.00 min

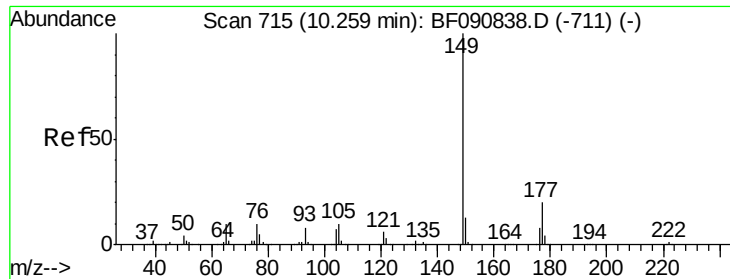
Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

Tgt Ion:	232	Resp:	244174
Ion Ratio	Lower	Upper	
232	100		
131	53.2	38.5	57.7
130	2.4	1.8	2.6
166	34.5	25.0	37.6

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





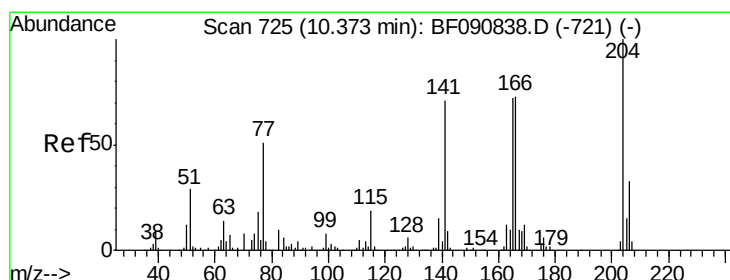
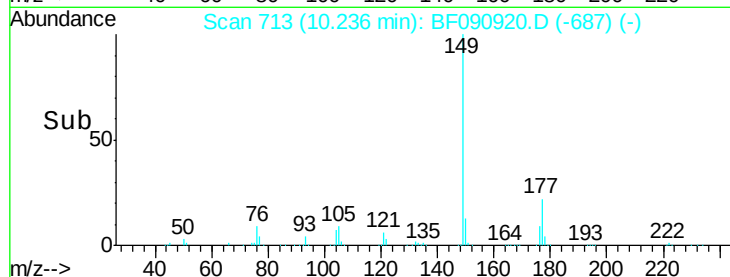
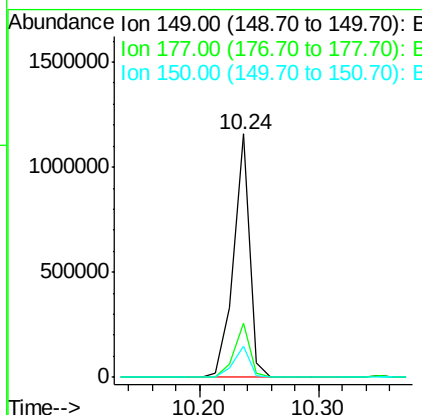
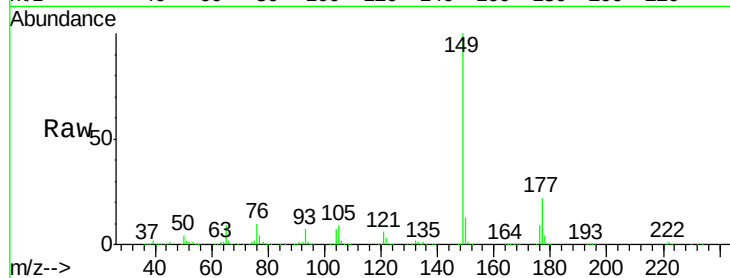
#59
Diethylphthalate
Concen: 42.90 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 1093355
Ion Ratio Lower Upper
149 100
177 22.0 17.5 26.3
150 12.7 9.4 14.2

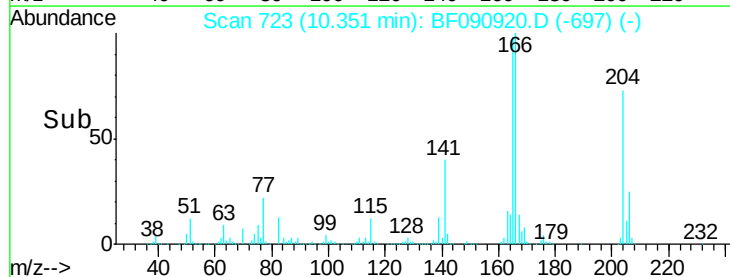
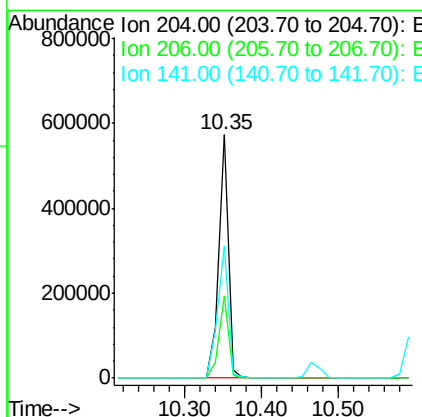
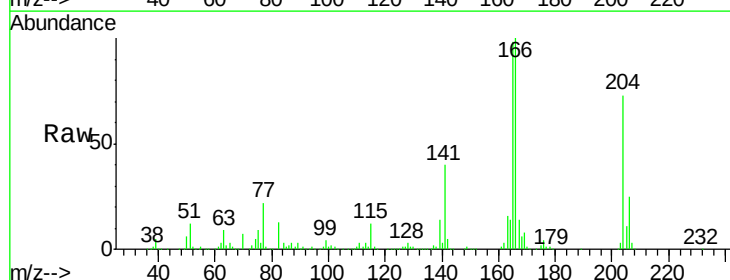
Manual Integrations
APPROVED

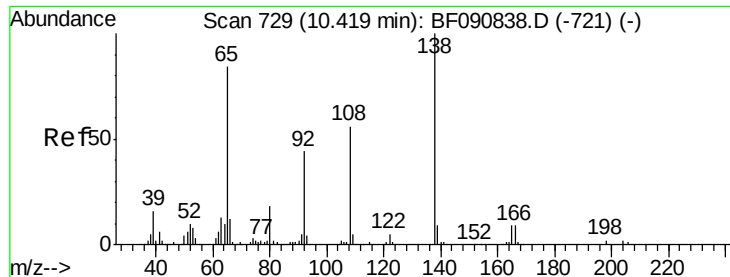
sohil
11/1/2016 7:13:14 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.76 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Tgt Ion:204 Resp: 495521
Ion Ratio Lower Upper
204 100
206 33.8 24.8 37.2
141 54.5 42.2 63.4





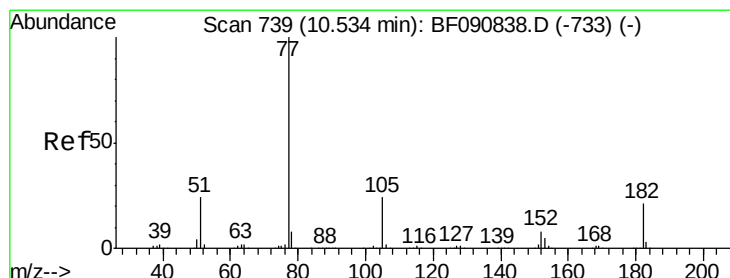
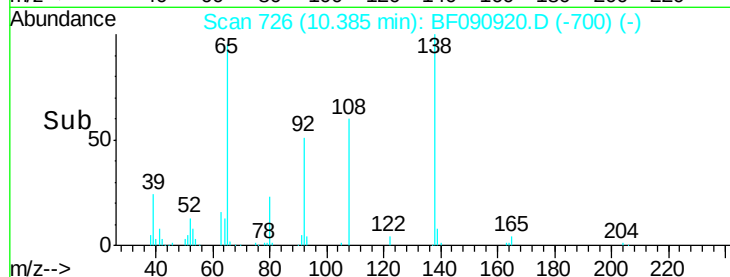
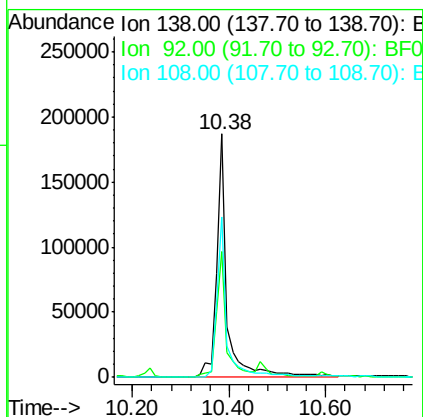
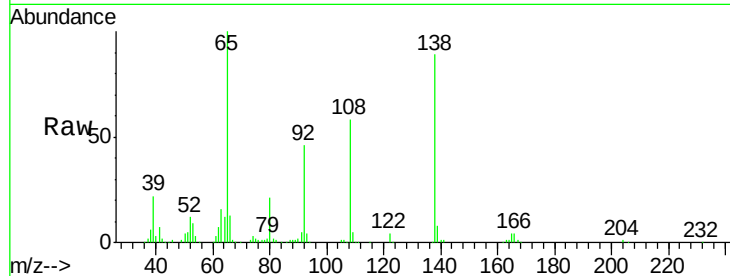
#61
4-Nitroaniline
Concen: 47.84 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Instrument :
BNA_F
ClientSampled :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.5	12.6	52.6
108	65.7	12.4	52.4

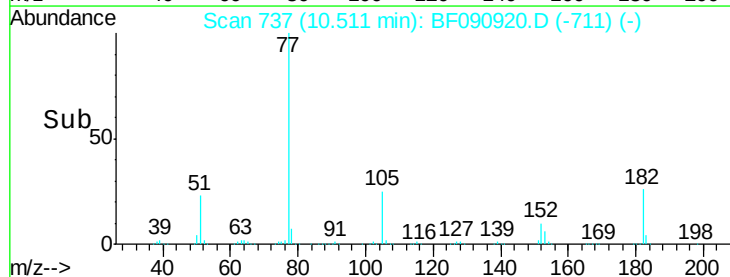
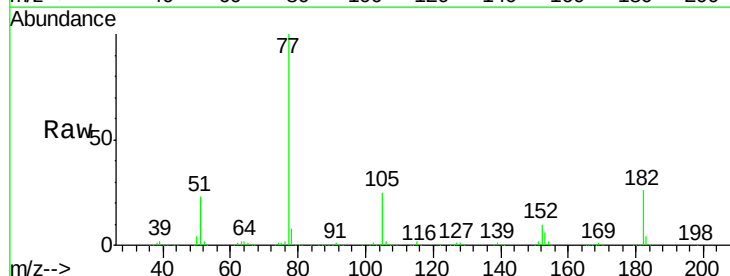
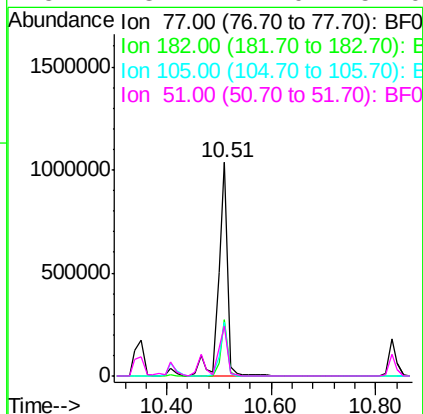
Manual Integrations
APPROVED

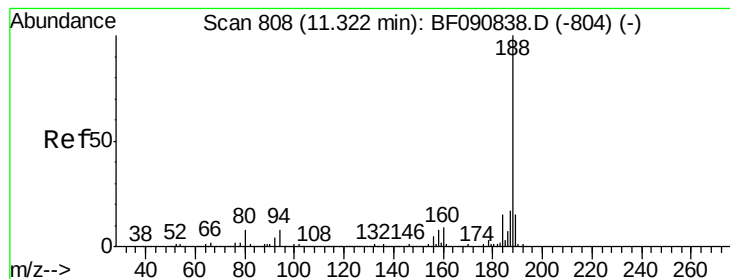
sohil
11/1/2016 7:13:14 PM



#62
Azobenzene
Concen: 48.96 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.2	15.1	55.1
105	25.1	3.4	43.4
51	23.4	12.0	52.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

Instrument :

BNA_F

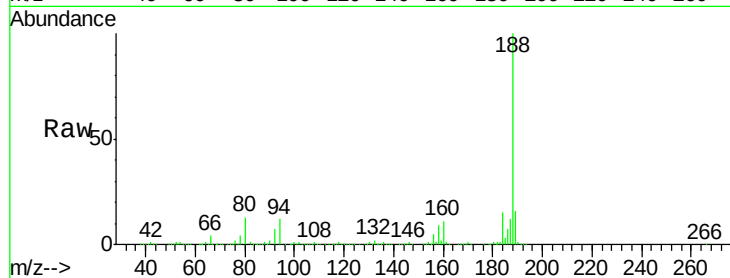
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	188	Resp:	635445
Ion Ratio	Lower	Upper	
188	100		
94	12.0	11.1	16.7
80	13.3	11.0	16.4

Manual Integrations
APPROVED

sohil
11/1/2016 7:13:14 PM



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

11.29

800000

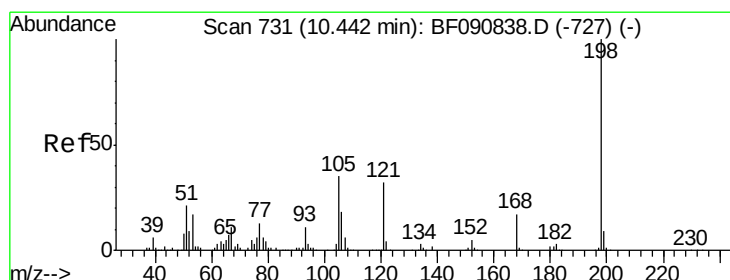
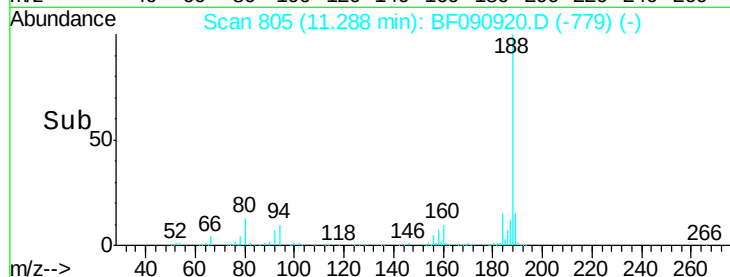
600000

400000

200000

0

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 31.20 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

Tgt Ion:	198	Resp:	131446
Ion Ratio	Lower	Upper	
198	100		
51	73.9	39.6	79.6
105	67.0	28.5	68.5

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

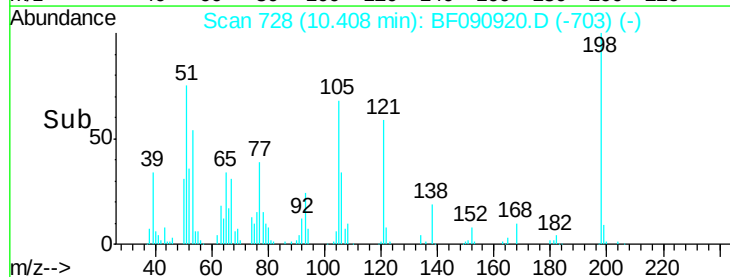
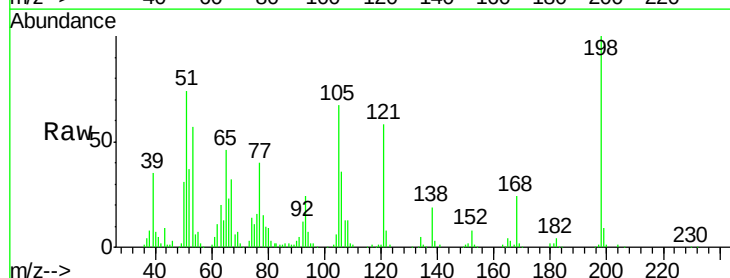
300000

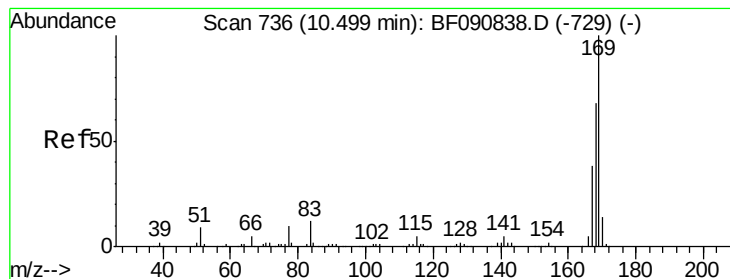
200000

100000

0

Time-->





#65

n-Nitrosodiphenylamine

Concen: 41.73 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

Instrument :

BNA_F

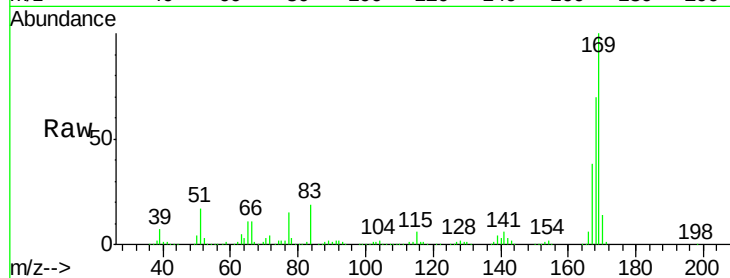
ClientSampleId :

SSTDCCC040EC

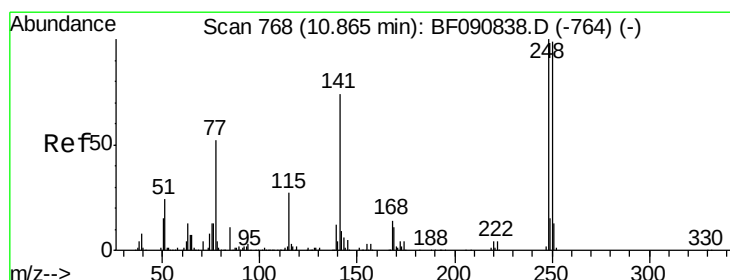
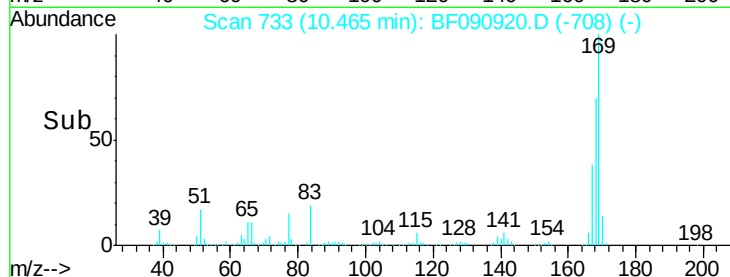
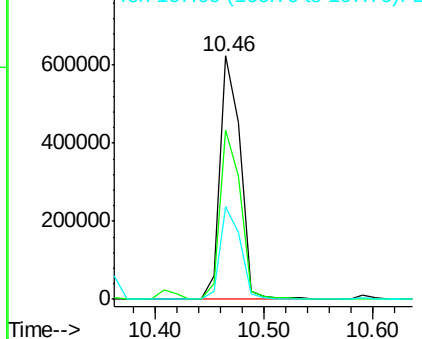
Tgt Ion:	169	Resp:	812350
Ion Ratio	Lower	Upper	
169	100		
168	69.8	48.9	73.3
167	38.0	26.2	39.4

Manual Integrations
APPROVED

sohil
11/1/2016 7:13:14 PM



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



#66

4-Bromophenyl-phenylether

Concen: 40.07 ng

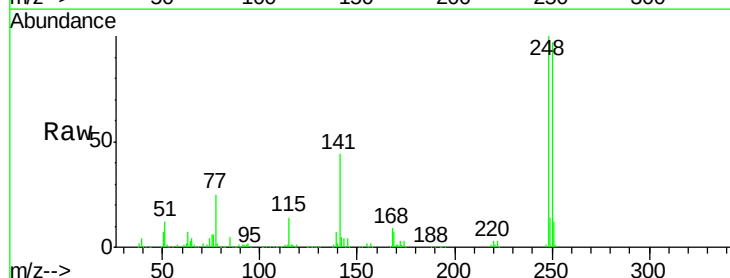
RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

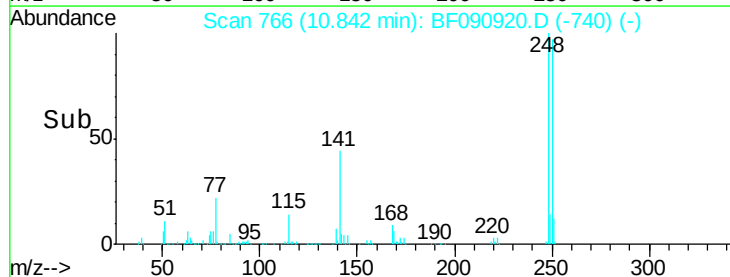
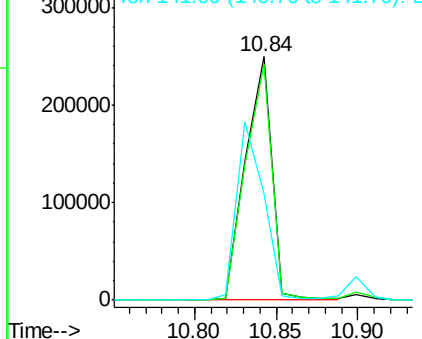
Lab File: BF090920.D

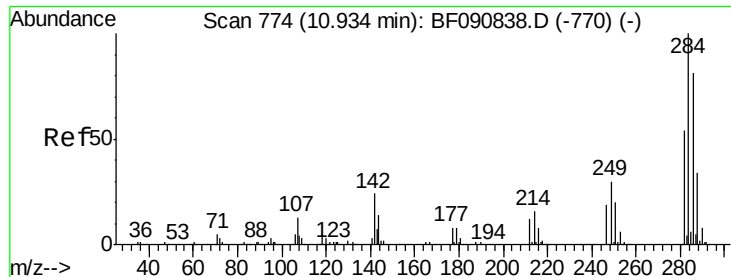
Acq: 28 Oct 2016 20:44

Tgt Ion:	248	Resp:	278855
Ion Ratio	Lower	Upper	
248	100		
250	96.8	78.5	117.7
141	44.0	59.0	88.6#



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





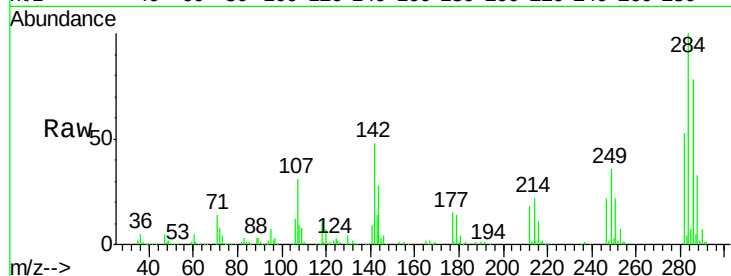
#67
Hexachlorobenzene
Concen: 35.62 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

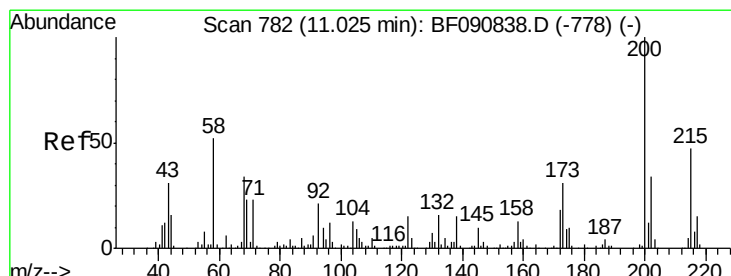
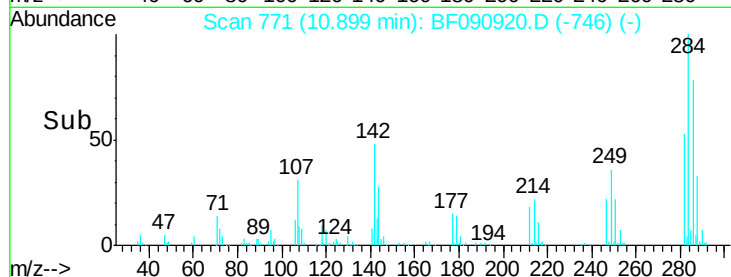
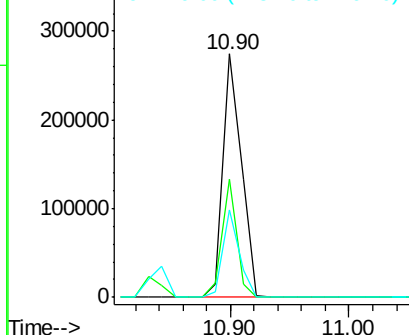
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	48.5	29.5	44.3#
249	35.7	19.5	29.3#

Manual Integrations
APPROVED

sohil
11/1/2016 7:13:14 PM

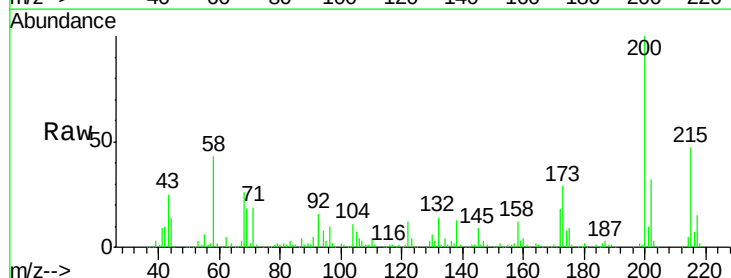


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

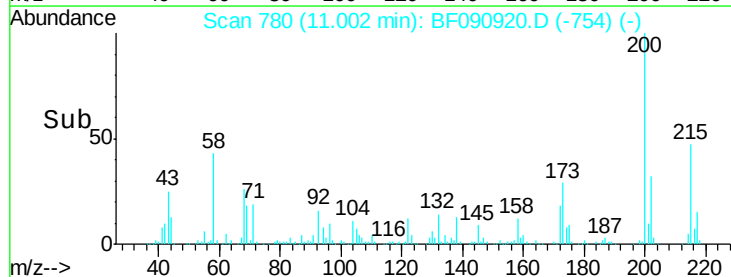
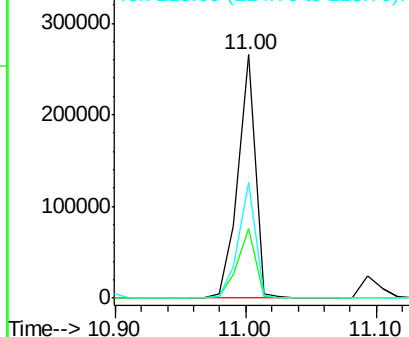


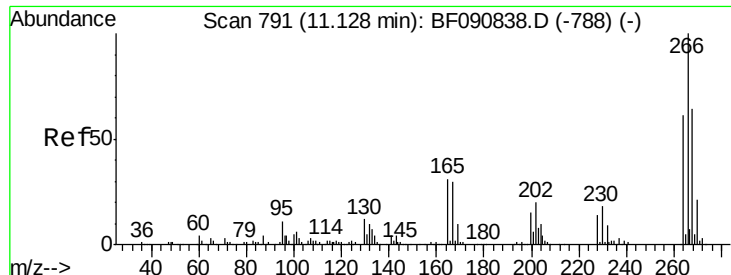
#68
Atrazine
Concen: 40.74 ng
RT: 11.00 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.7	13.2	53.2
215	47.4	41.8	81.8



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





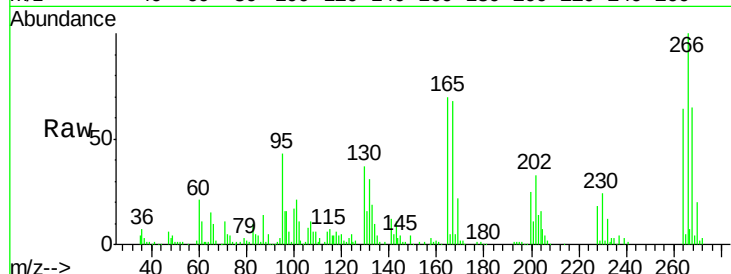
#69
 Pentachlorophenol
 Concen: 31.06 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040EC

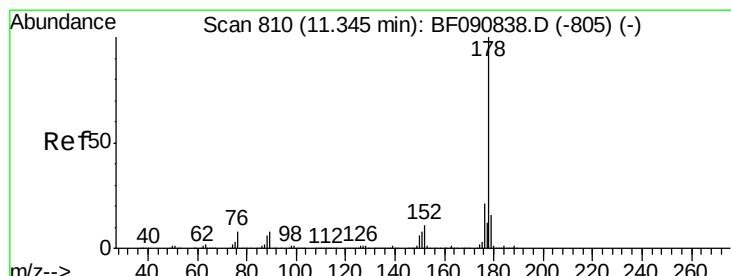
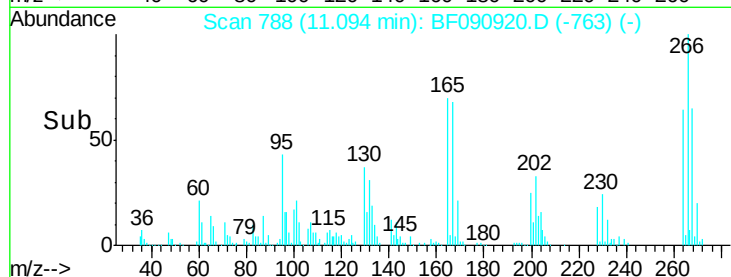
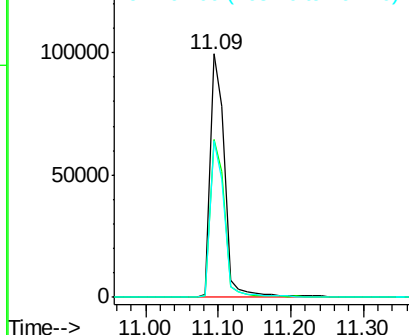
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	137217		
268	64.7	49.8	74.6	
264	64.3	50.2	75.2	

Manual Integrations
 APPROVED

sohil
 11/1/2016 7:13:14 PM

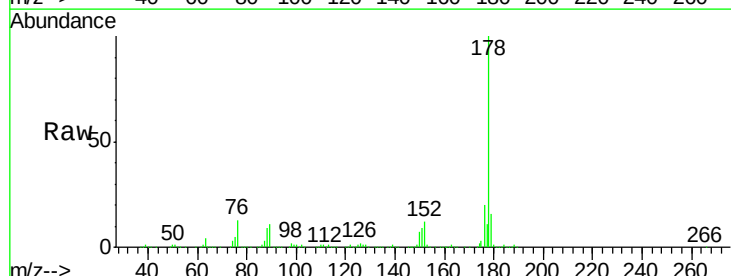


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

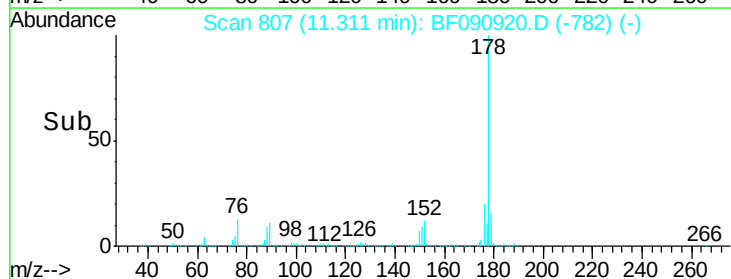
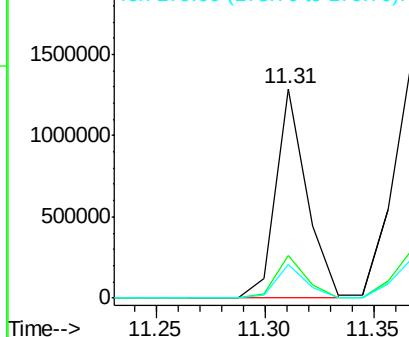


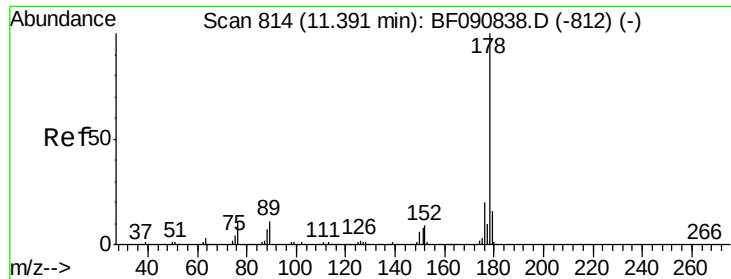
#70
 Phenanthrene
 Concen: 39.57 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1280532		
176	20.3	13.8	20.8	
179	16.1	12.2	18.2	



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





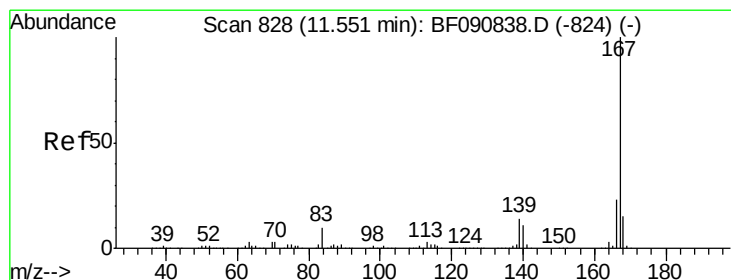
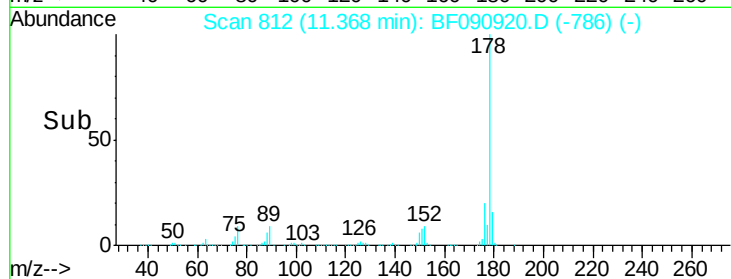
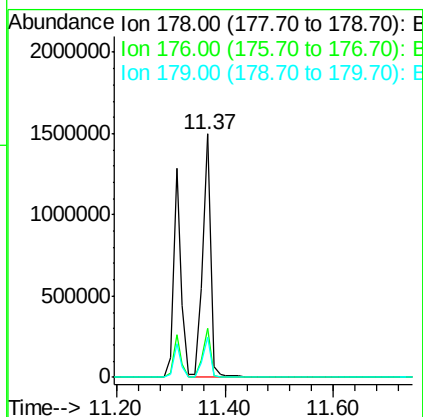
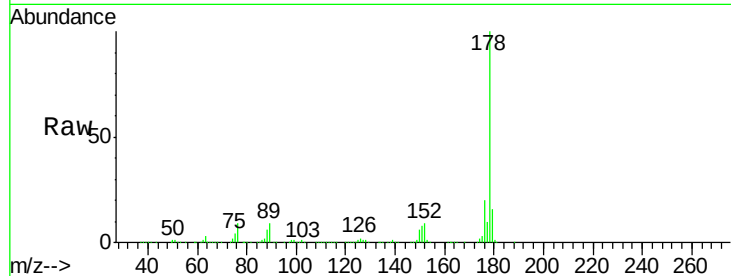
#71
 Anthracene
 Concen: 44.46 ng
 RT: 11.37 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:178 Resp: 1514955
 Ion Ratio Lower Upper
 178 100
 176 20.3 14.1 21.1
 179 16.4 12.2 18.2

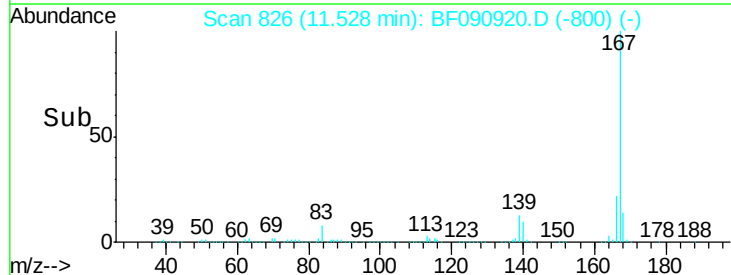
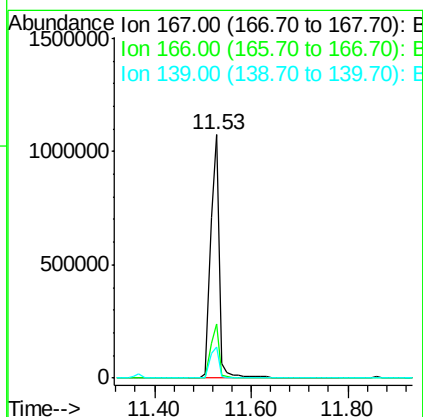
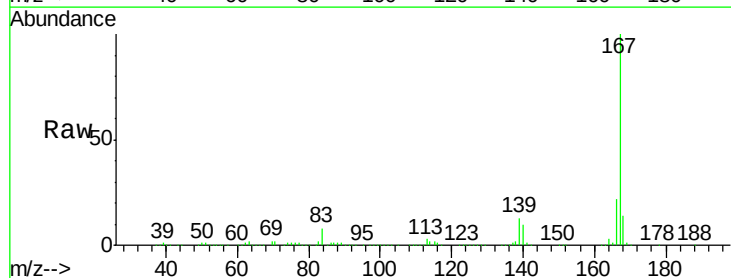
Manual Integrations
 APPROVED

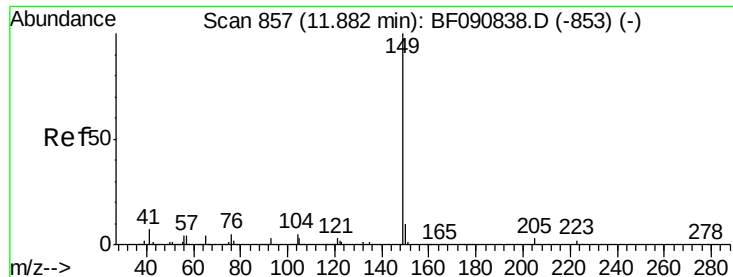
sohil
 11/1/2016 7:13:14 PM



#72
 Carbazole
 Concen: 45.21 ng
 RT: 11.53 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Tgt Ion:167 Resp: 1360542
 Ion Ratio Lower Upper
 167 100
 166 22.1 15.7 23.5
 139 12.9 9.5 14.3





#73

Di-n-butylphthalate

Concen: 42.74 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:149 Resp: 1657777

Ion Ratio Lower Upper

149 100

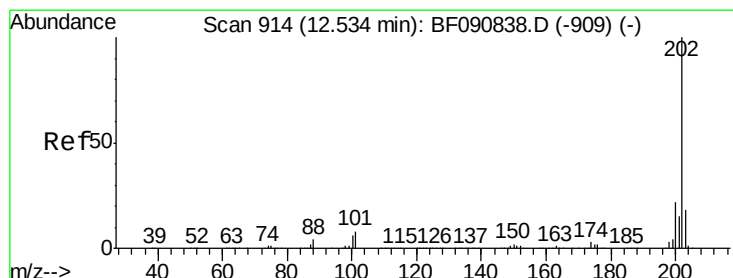
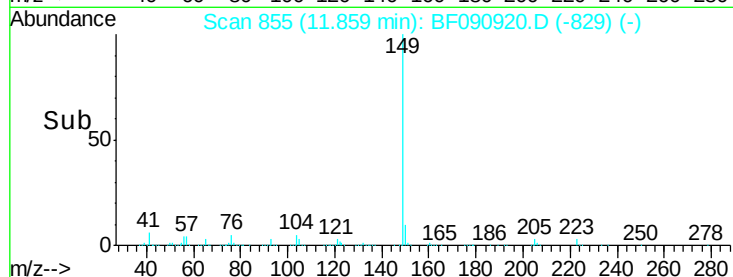
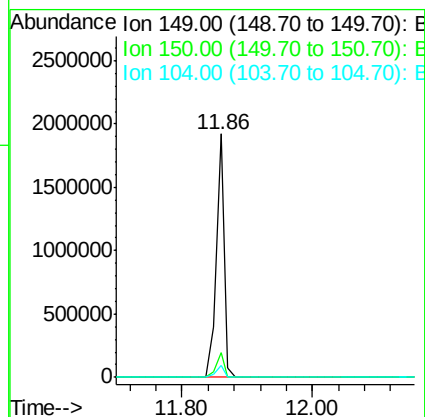
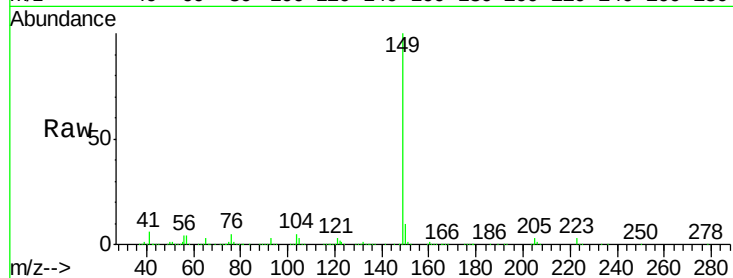
150 10.2 7.4 11.2

104 5.1 2.4 3.6#

Manual Integrations
APPROVED

sohil

11/1/2016 7:13:14 PM



#74

Fluoranthene

Concen: 38.05 ng

RT: 12.50 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

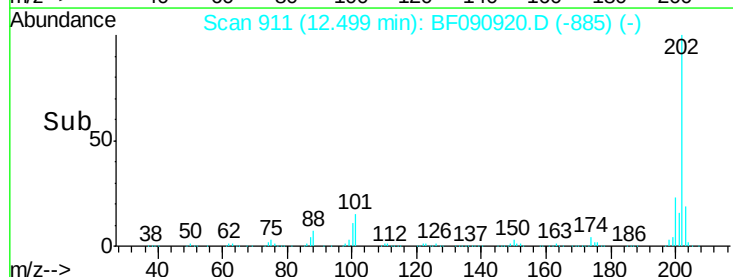
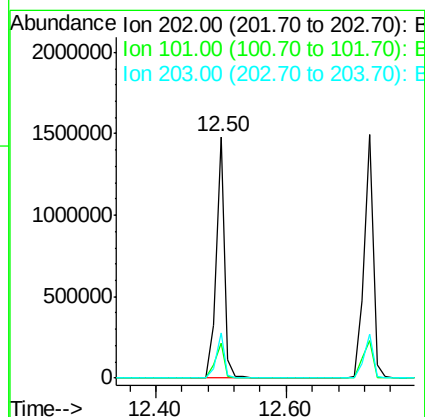
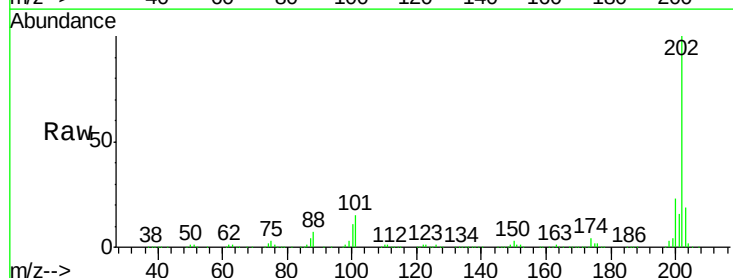
Tgt Ion:202 Resp: 1348229

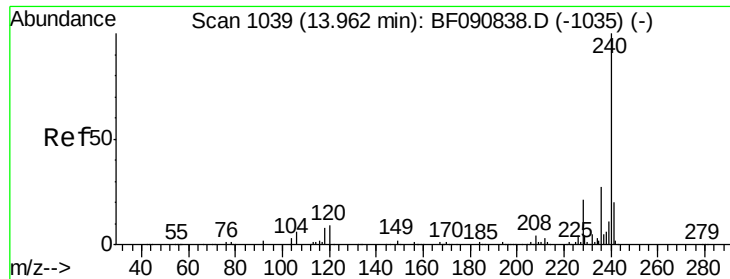
Ion Ratio Lower Upper

202 100

101 14.5 0.0 38.3

203 18.8 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

Instrument :

BNA_F

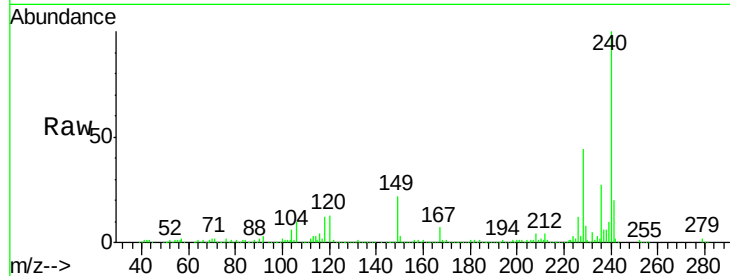
ClientSampleId :

SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.0	16.2	24.2#
236	27.0	18.4	27.6

Manual Integrations
APPROVED

sohil
11/1/2016 7:13:14 PM

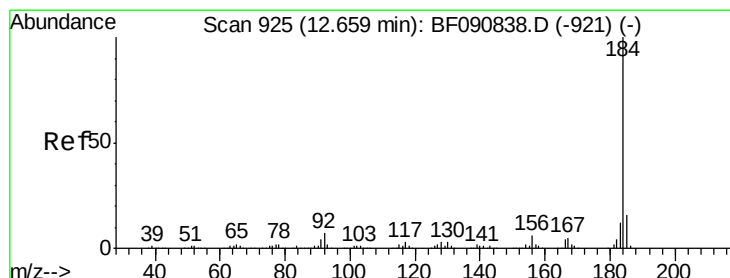
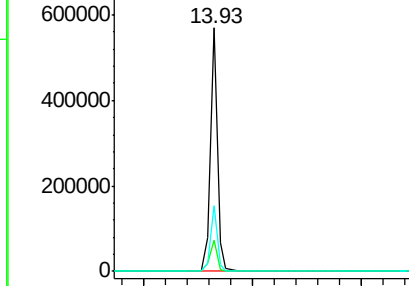
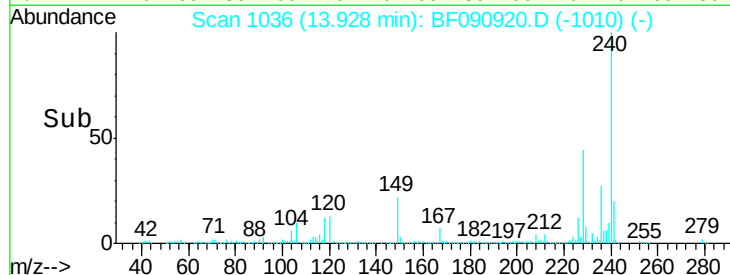


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



#76

Benzidine

Concen: 28.86 ng

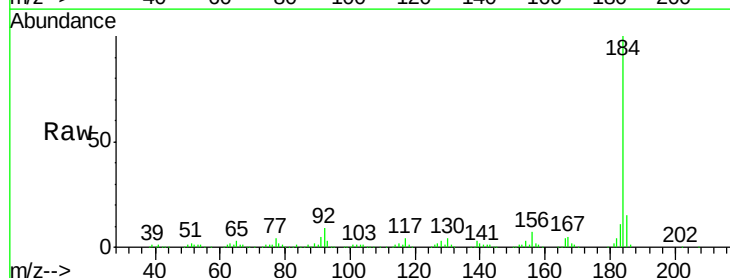
RT: 12.63 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.3	11.8	17.6
183	11.0	7.6	11.4

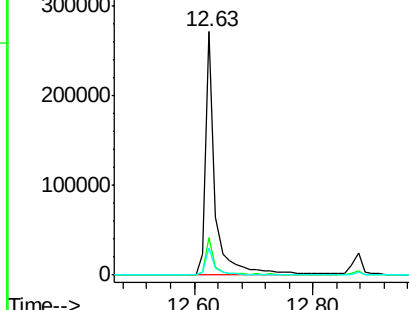
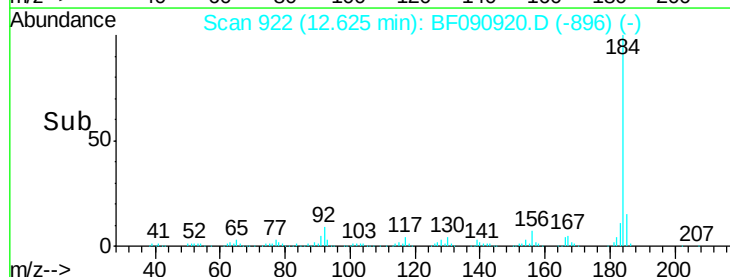


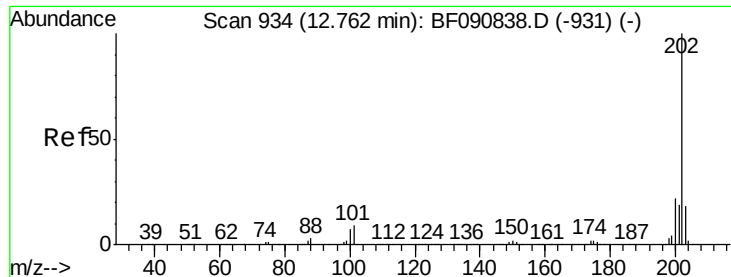
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

Time-->





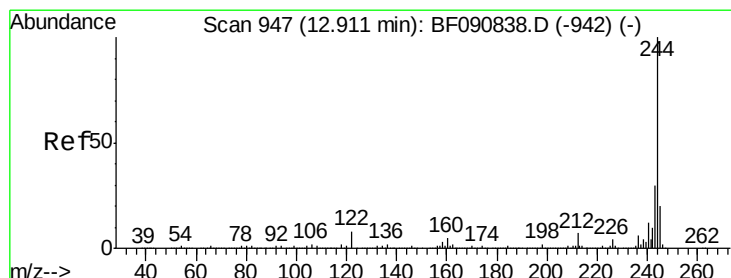
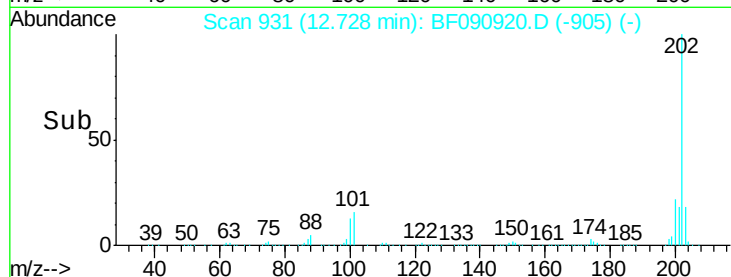
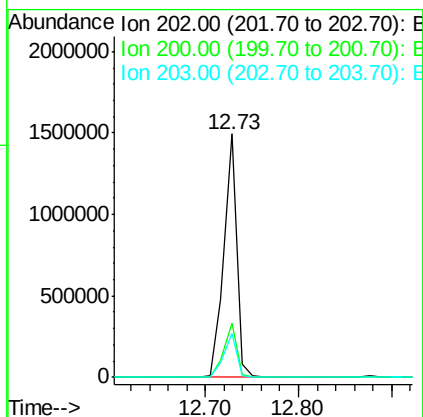
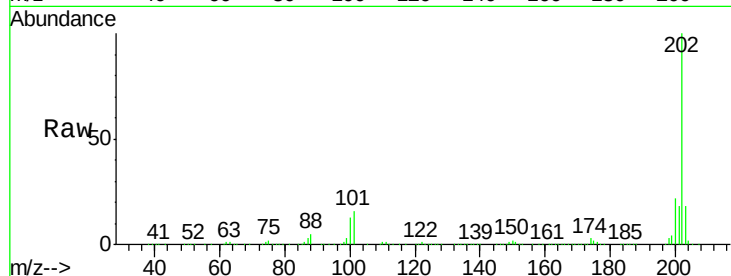
#77
Pyrene
 Concen: 44.54 ng
 RT: 12.73 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	15.0	22.4
203	18.1	14.1	21.1

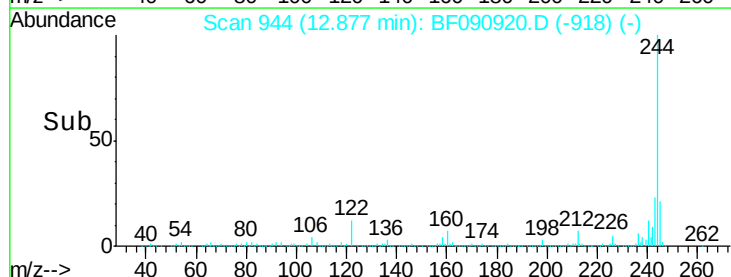
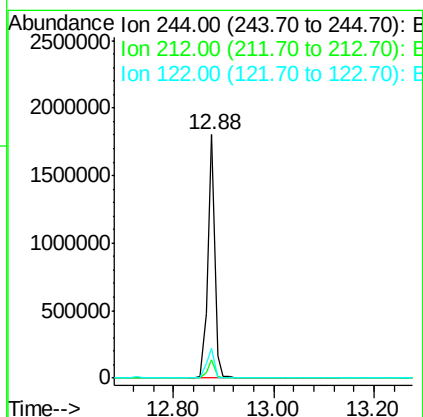
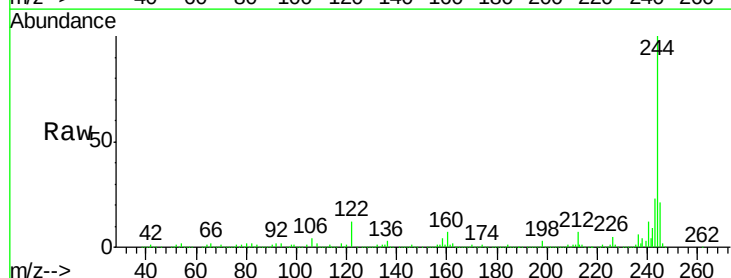
Manual Integrations
 APPROVED

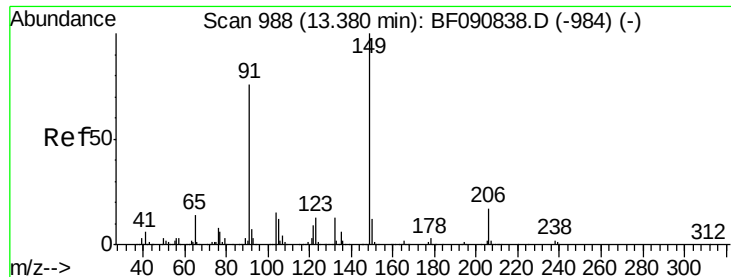
sohil
 11/1/2016 7:13:14 PM



#78
Terphenyl-d14
 Concen: 85.59 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	4.3	6.5#
122	12.4	17.4	26.2#





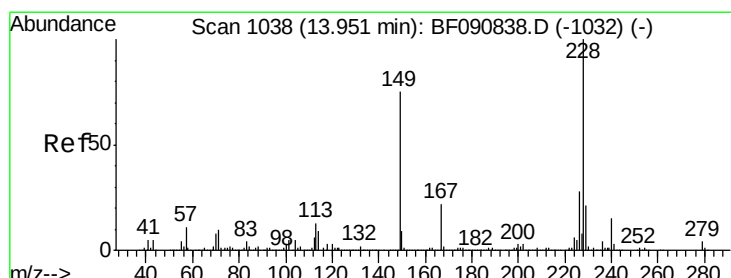
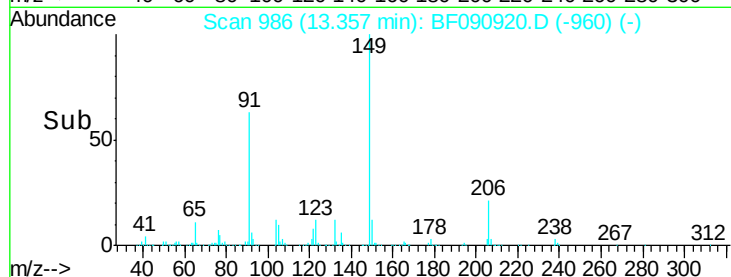
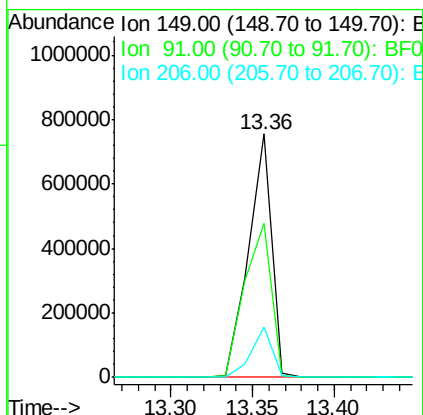
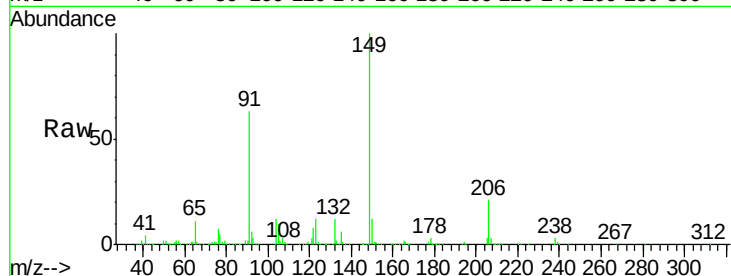
#79
Butylbenzylphthalate
Concen: 51.14 ng
RT: 13.36 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.0	48.6	72.8
206	20.8	14.9	22.3

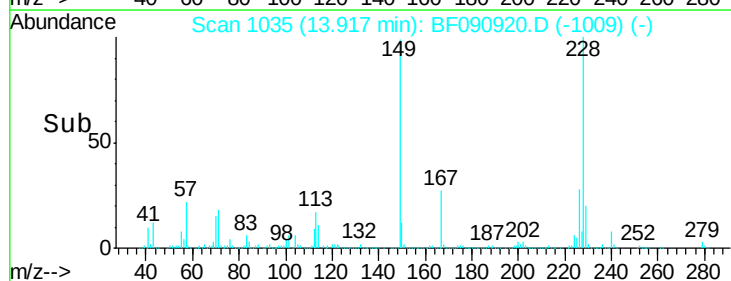
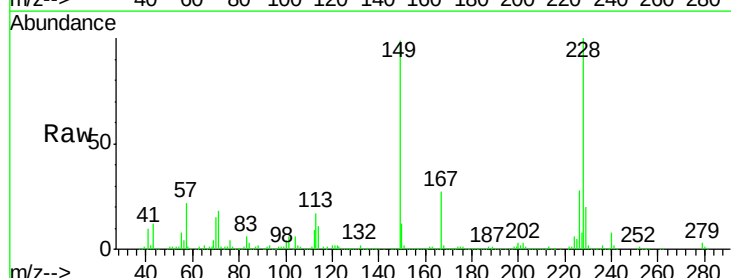
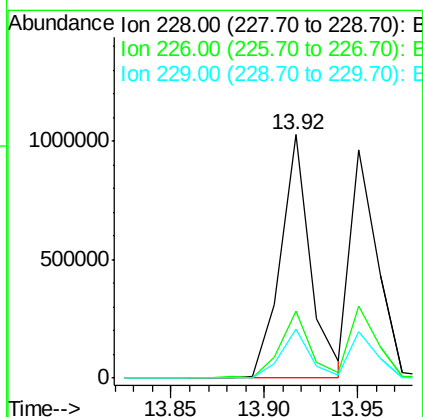
Manual Integrations
APPROVED

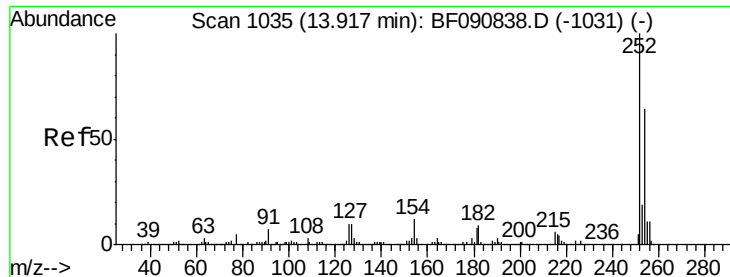
sohil
11/1/2016 7:13:14 PM



#80
Benzo(a)anthracene
Concen: 42.69 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	20.0	30.0
229	20.1	15.4	23.2





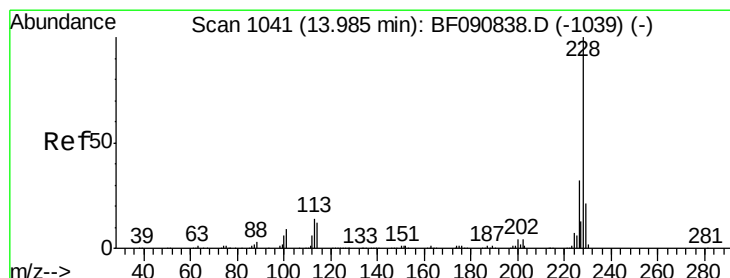
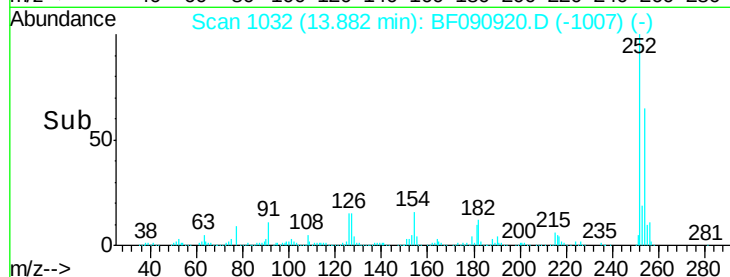
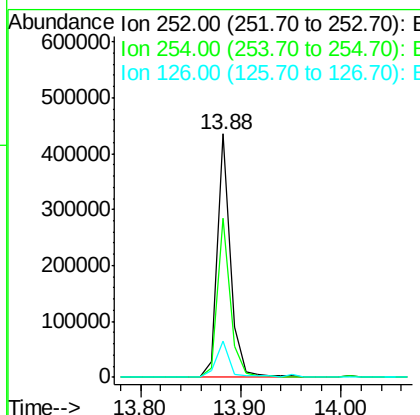
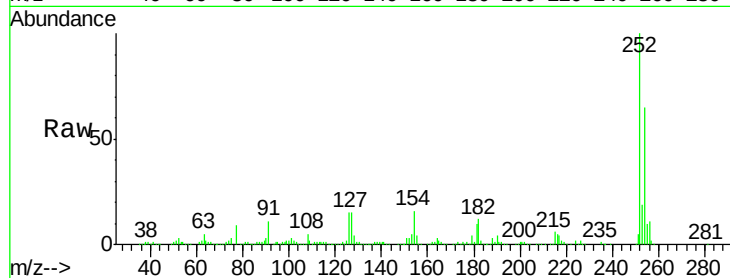
#81
 3,3'-Dichlorobenzidine
 Concen: 38.43 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.4	77.2
126	15.0	16.4	24.6

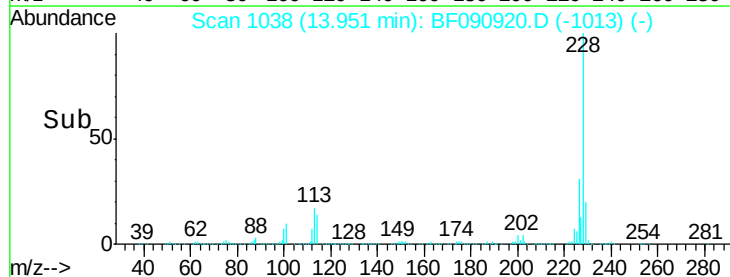
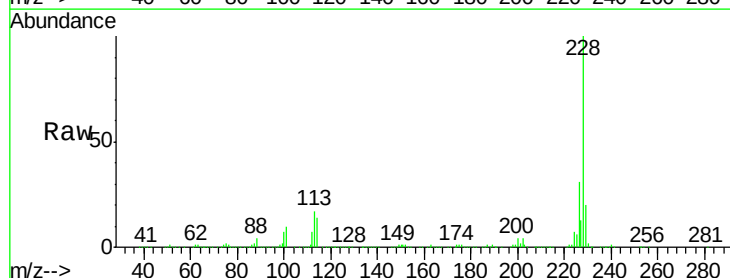
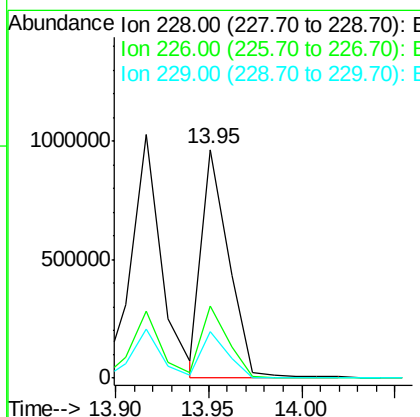
Manual Integrations
 APPROVED

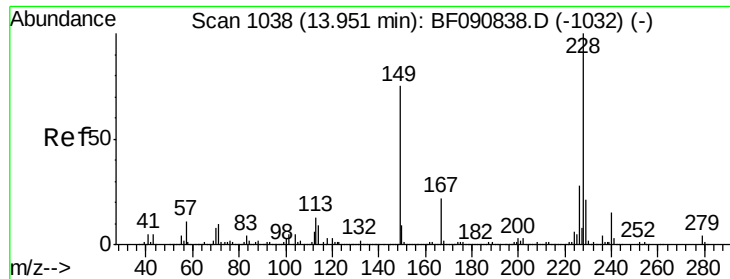
sohil
 11/1/2016 7:13:14 PM



#82
 Chrysene
 Concen: 36.61 ng m
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	21.0	31.4
229	20.3	15.6	23.4





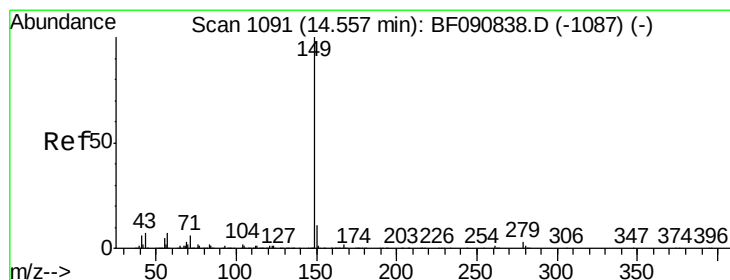
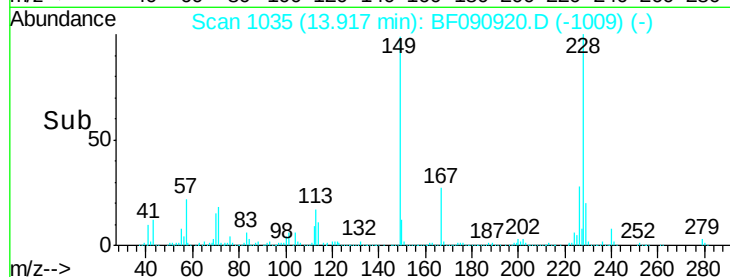
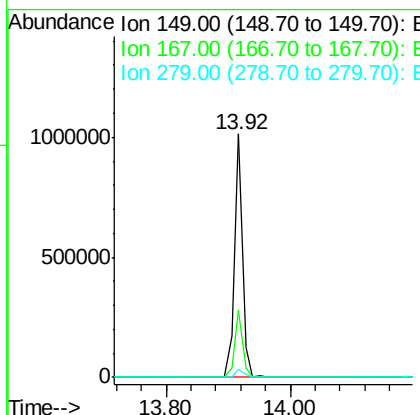
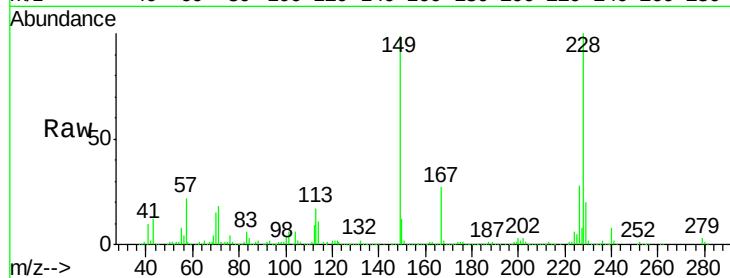
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.20 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	24.2	36.2
279	3.2	3.8	5.6

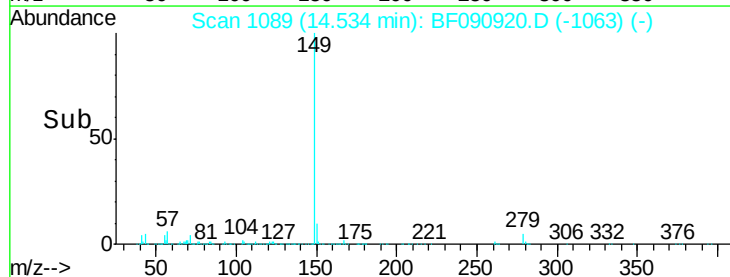
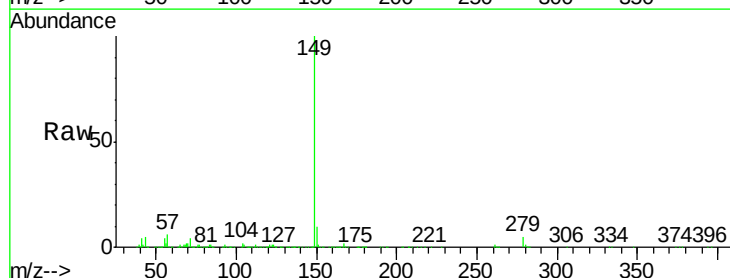
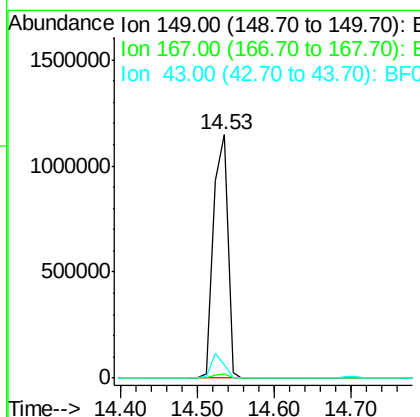
Manual Integrations
 APPROVED

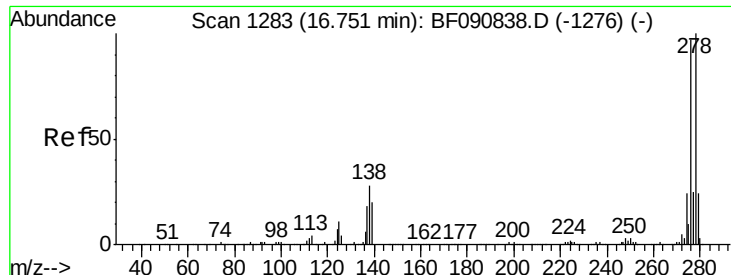
sohil
 11/1/2016 7:13:14 PM



#84
 Di-n-octyl phthalate
 Concen: 46.08 ng
 RT: 14.53 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.0	1.6
43	9.0	10.2	15.2





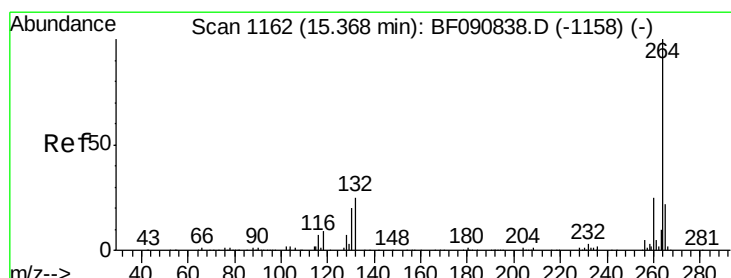
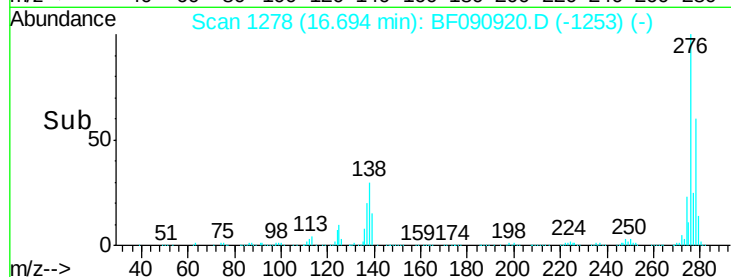
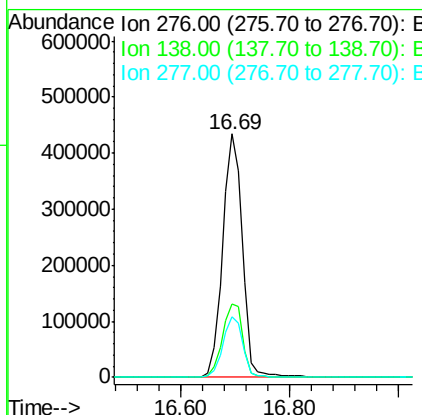
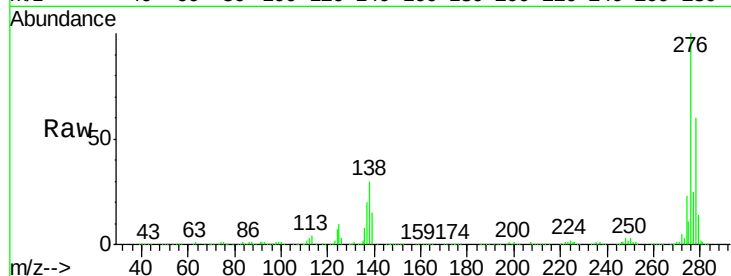
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.54 ng
 RT: 16.69 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.8	25.7	38.5
277	25.2	15.6	23.4

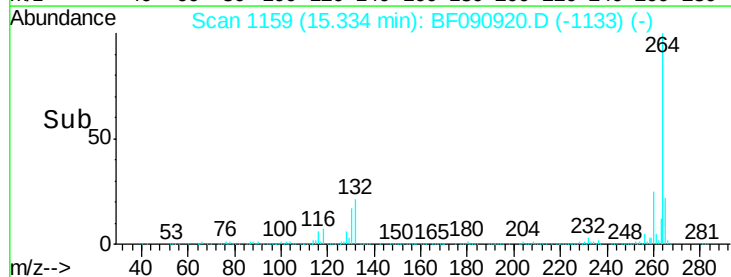
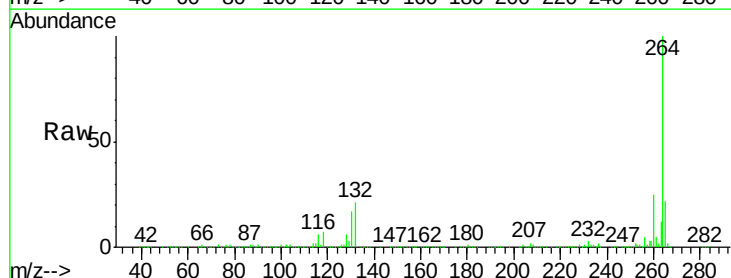
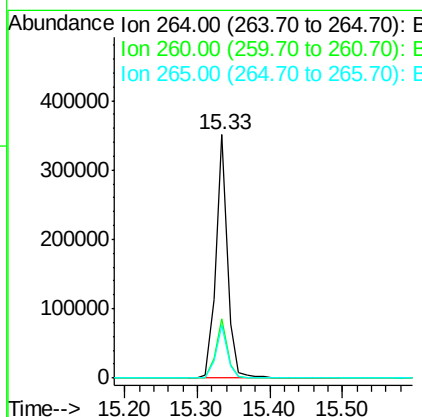
Manual Integrations
 APPROVED

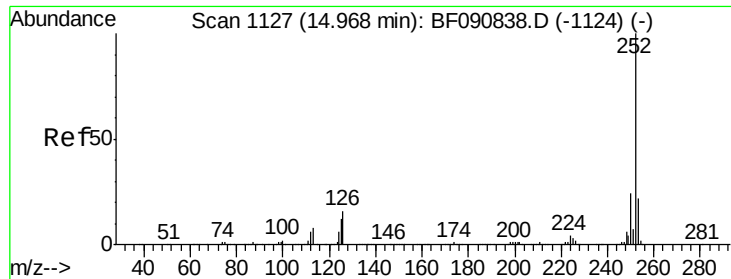
sohil
 11/1/2016 7:13:14 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	16.7	25.1
265	21.5	17.2	25.8





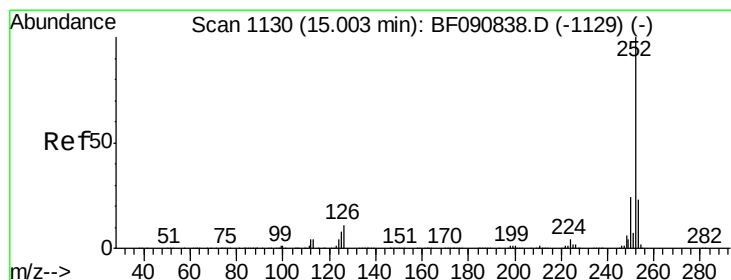
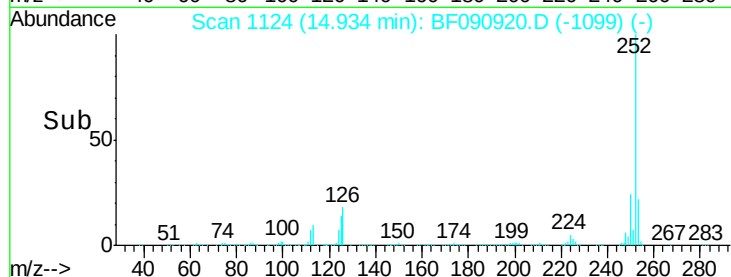
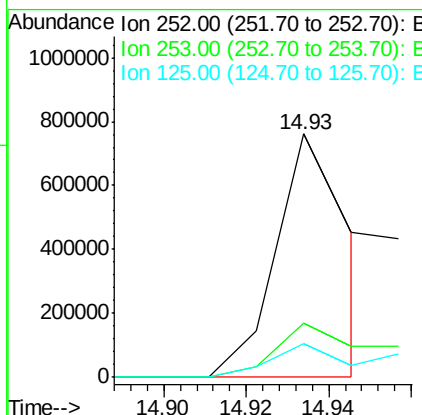
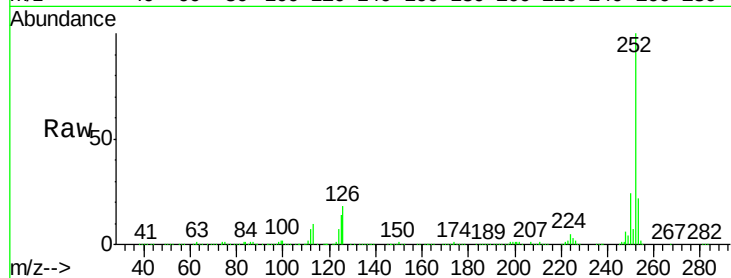
#87
Benzo(b)fluoranthene
Concen: 35.51 ng m
RT: 14.93 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	14.1	17.1	25.7

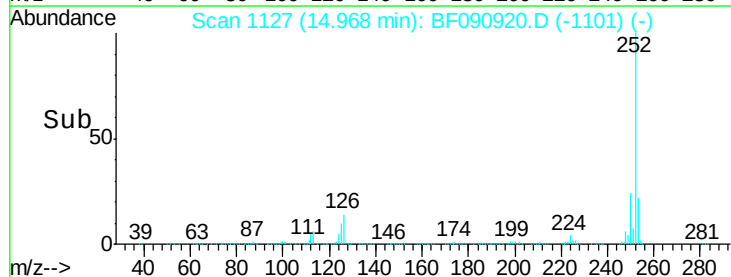
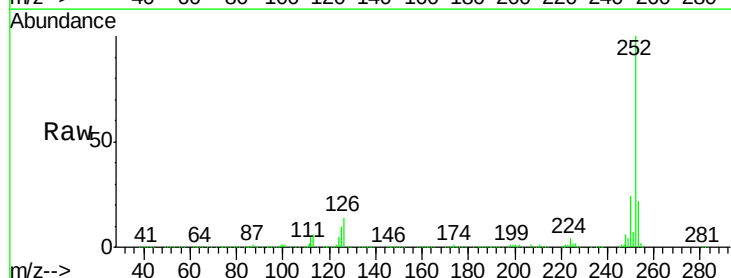
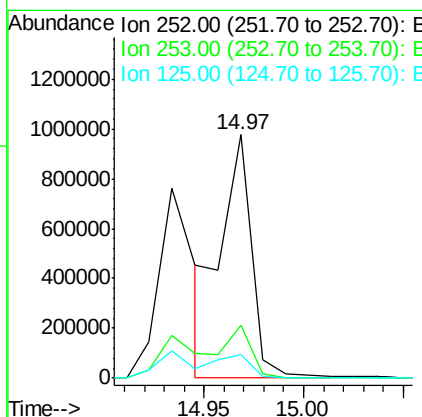
Manual Integrations
APPROVED

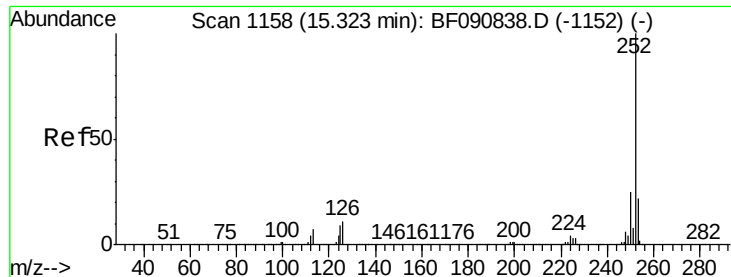
sohil
11/1/2016 7:13:14 PM



#88
Benzo(k)fluoranthene
Concen: 50.15 ng m
RT: 14.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.4
125	9.8	16.0	24.0





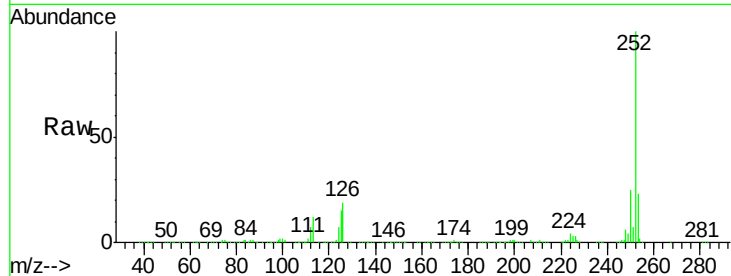
#89
Benzo(a)pyrene
Concen: 40.35 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

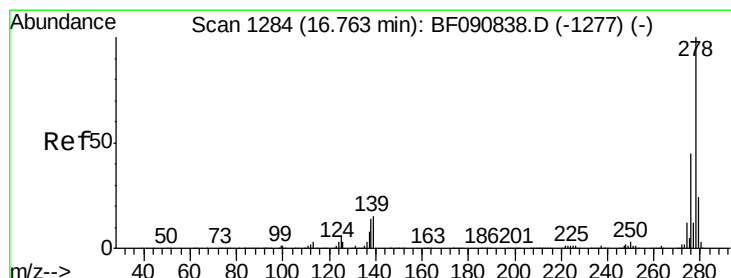
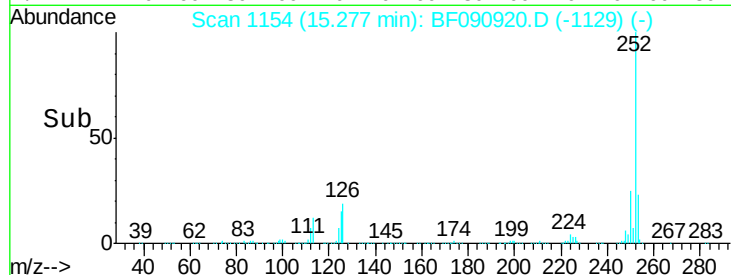
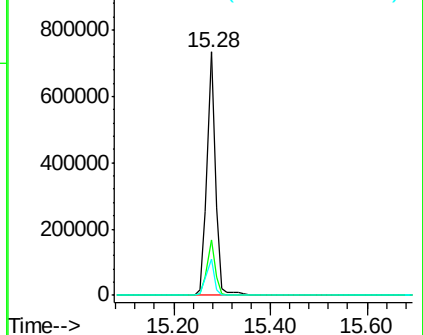
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	14.7	18.0	27.0

Manual Integrations
APPROVED

sohil
11/1/2016 7:13:14 PM



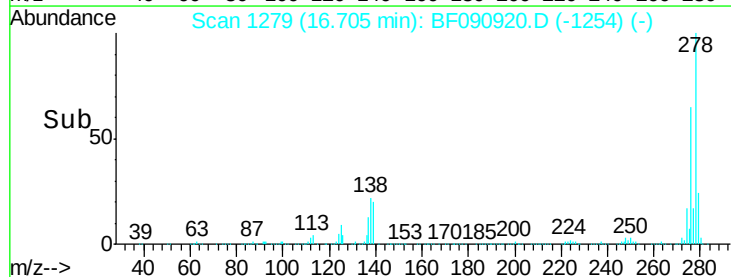
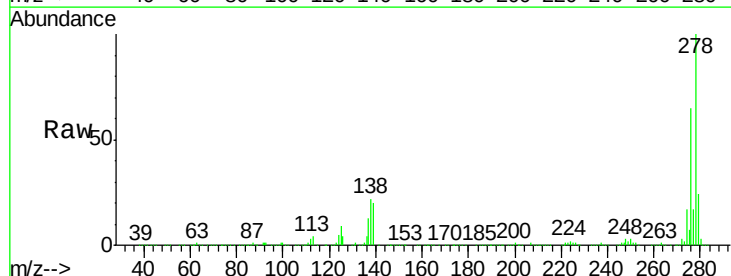
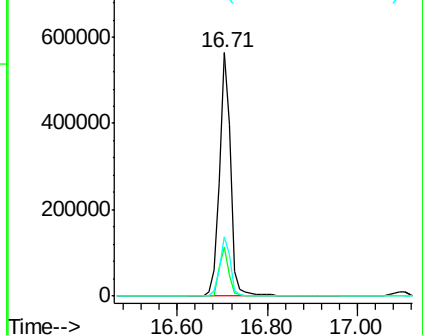
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

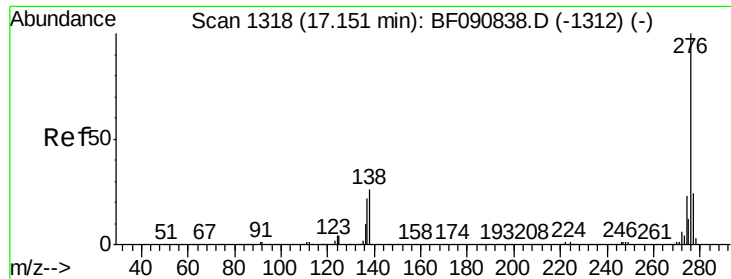


#90
Dibenzo(a,h)anthracene
Concen: 50.70 ng
RT: 16.71 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.2	26.3	39.5
279	24.2	18.2	27.4

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: 50.12 ng
 RT: 17.11 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.8	26.6
138	23.5	34.6	51.8

Manual Integrations
 APPROVED

sohil
 11/1/2016 7:13:14 PM

