

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089449.D
 Acq On : 30 Jul 2016 13:13
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

sohil
 8/1/2016 7:18:35 PM

Quant Time: Aug 01 04:05:58 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	51461	20.00	ng	-0.05
21) Naphthalene-d8	7.79	136	211534	20.00	ng	-0.03
38) Acenaphthene-d10	9.53	164	93508	20.00	ng	-0.05
63) Phenanthrene-d10	11.00	188	183299	20.00	ng	-0.05
75) Chrysene-d12	13.62	240	115222	20.00	ng	-0.05
86) Perylene-d12	14.95	264	86966	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.06	112	253819	78.75	ng	-0.05
7) Phenol-d6	6.17	99	332984	78.18	ng	-0.03
23) Nitrobenzene-d5	7.08	82	318669	88.92	ng	-0.03
41) 2,4,6-Tribromophenol	10.32	330	64546	83.34	ng	-0.05
44) 2-Fluorobiphenyl	8.87	172	530110	83.20	ng	-0.05
78) Terphenyl-d14	12.58	244	433699	88.10	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.90	88	57345	39.20	ng	99
3) Pyridine	2.49	79	136071	43.15	ng	99
4) n-Nitrosodimethylamine	2.47	42	55784	43.78	ng	98
6) Aniline	6.17	93	215414	46.84	ng	95
8) 2-Chlorophenol	6.28	128	142954	39.21	ng	88
9) Benzaldehyde	6.04	77	78381	37.69	ng	96
10) Phenol	6.18	94	202681	43.12	ng	87
11) bis(2-Chloroethyl)ether	6.25	93	147728	36.99	ng	92
12) 1,3-Dichlorobenzene	6.44	146	152884m	40.09	ng	
13) 1,4-Dichlorobenzene	6.52	146	161368	38.35	ng	94
14) 1,2-Dichlorobenzene	6.67	146	164629	41.76	ng	95
15) Benzyl Alcohol	6.66	79	111428	42.16	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.80	45	167457	38.44	ng	93
17) 2-Methylphenol	6.79	107	104250	37.00	ng	97
18) Hexachloroethane	7.02	117	62307	38.62	ng	# 78
19) n-Nitroso-di-n-propylamine	6.94	70	106211	41.35	ng	# 87
20) 3+4-Methylphenols	6.95	107	147068	40.64	ng	91
22) Acetophenone	6.94	105	218838	43.45	ng	# 96
24) Nitrobenzene	7.10	77	150736	36.96	ng	# 88
25) Isophorone	7.35	82	283461	39.27	ng	99
26) 2-Nitrophenol	7.42	139	77305	42.39	ng	# 89
27) 2,4-Dimethylphenol	7.47	122	125875	43.33	ng	99
28) bis(2-Chloroethoxy)methane	7.56	93	195765	48.99	ng	99
29) 2,4-Dichlorophenol	7.67	162	116752	44.10	ng	99
30) 1,2,4-Trichlorobenzene	7.74	180	126997	42.05	ng	96
31) Naphthalene	7.82	128	442691	42.26	ng	100
32) Benzoic acid	7.64	122	91952	45.42	ng	93
33) 4-Chloroaniline	7.87	127	179361	44.98	ng	# 90
34) Hexachlorobutadiene	7.94	225	68354	39.51	ng	97
35) Caprolactam	8.26	113	33614	42.07	ng	94
36) 4-Chloro-3-methylphenol	8.38	107	138609	44.06	ng	98
37) 2-Methylnaphthalene	8.50	142	268700	42.57	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	152869	46.72	ng	99
40) Hexachlorocyclopentadiene	8.66	237	34684	41.96	ng	97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089449.D
 Acq On : 30 Jul 2016 13:13
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

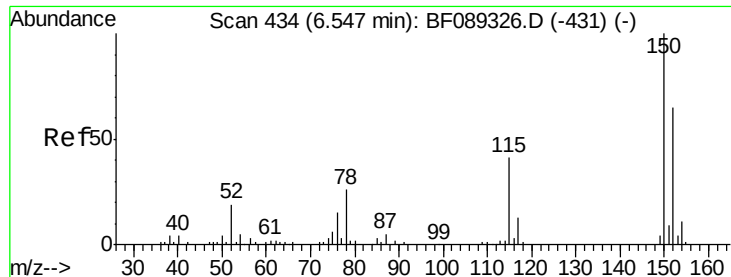
Manual Integrations
 APPROVED

sohil
 8/1/2016 7:18:35 PM

Quant Time: Aug 01 04:05:58 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	75687	48.65	nq	100
43) 2,4,5-Trichlorophenol	8.83	196	82941	42.09	nq	# 88
45) 1,1'-Biphenyl	8.97	154	365915	45.96	nq	97
46) 2-Chloronaphthalene	8.99	162	272383	45.56	nq	92
47) 2-Nitroaniline	9.10	65	89345	50.46	nq	# 78
48) Acenaphthylene	9.39	152	401666	42.65	nq	99
49) Dimethylphthalate	9.28	163	274020	38.50	nq	99
50) 2,6-Dinitrotoluene	9.35	165	63307	43.29	nq	# 77
51) Acenaphthene	9.56	154	223869	40.70	nq	100
52) 3-Nitroaniline	9.51	138	76973	49.88	nq	# 76
53) 2,4-Dinitrophenol	9.63	184	29106	53.00	nq	85
54) Dibenzofuran	9.74	168	314069	41.91	nq	97
55) 4-Nitrophenol	9.70	139	32025m	45.50	nq	
56) 2,4-Dinitrotoluene	9.75	165	85604	44.47	nq	# 74
57) Fluorene	10.08	166	276509	42.27	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.87	232	59887	45.52	nq	98
59) Diethylphthalate	9.98	149	323697	44.87	nq	97
60) 4-Chlorophenyl-phenylether	10.08	204	132488	44.15	nq	92
61) 4-Nitroaniline	10.12	138	71897	45.20	nq	92
62) Azobenzene	10.24	77	320980	43.20	nq	88
64) 4,6-Dinitro-2-methylphenol	10.16	198	43562	40.16	nq	87
65) n-Nitrosodiphenylamine	10.20	169	259297	45.34	nq	99
66) 4-Bromophenyl-phenylether	10.56	248	69800	39.88	nq	# 81
67) Hexachlorobenzene	10.63	284	78858	43.97	nq	# 74
68) Atrazine	10.73	200	66221	37.69	nq	96
69) Pentachlorophenol	10.82	266	34466	42.72	nq	98
70) Phenanthrene	11.03	178	379649	40.16	nq	100
71) Anthracene	11.08	178	424386	40.38	nq	100
72) Carbazole	11.24	167	374956	42.38	nq	99
73) Di-n-butylphthalate	11.59	149	489475	41.23	nq	# 98
74) Fluoranthene	12.20	202	404696	40.70	nq	98
76) Benzidine	12.34	184	272244	63.95	nq	96
77) Pyrene	12.43	202	412371	47.22	nq	100
79) Butylbenzylphthalate	13.06	149	172604	43.47	nq	89
80) Benzo(a)anthracene	13.61	228	271974	41.83	nq	99
81) 3,3'-Dichlorobenzidine	13.59	252	98937	42.28	nq	# 99
82) Chrysene	13.65	228	268856	38.84	nq	100
83) Bis(2-ethylhexyl)phthalate	13.63	149	247322	43.09	nq	# 95
84) Di-n-octyl phthalate	14.24	149	377964	42.20	nq	98
85) Indeno(1,2,3-cd)pyrene	16.14	276	203205	41.29	nq	98
87) Benzo(b)fluoranthene	14.61	252	199057m	36.86	nq	
88) Benzo(k)fluoranthene	14.63	252	218863m	44.08	nq	
89) Benzo(a)pyrene	14.90	252	205230	42.36	nq	96
90) Dibenzo(a,h)anthracene	16.14	278	176210	46.17	nq	98
91) Benzo(g,h,i)perylene	16.48	276	181893	48.48	nq	96

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



#1

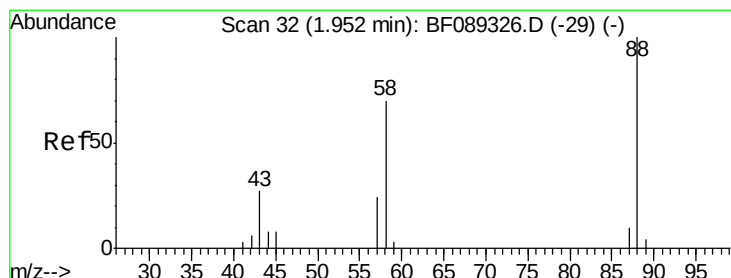
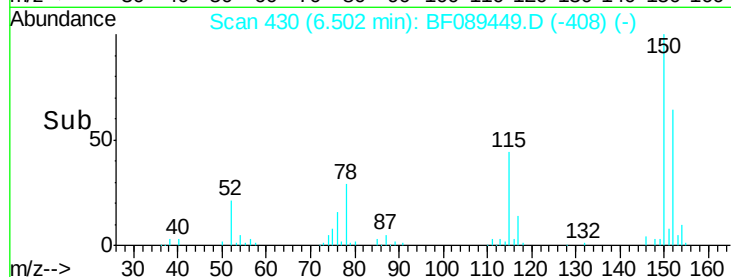
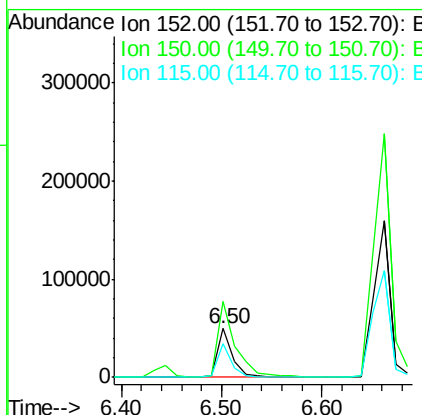
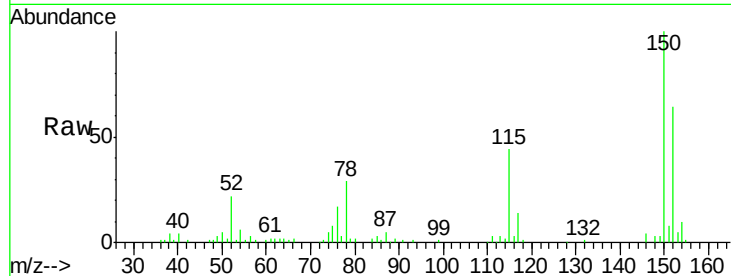
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.50 min Scan# 430
Delta R.T. -0.05 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	129.5	194.3
115	68.8	51.4	77.2

Manual Integrations
APPROVED

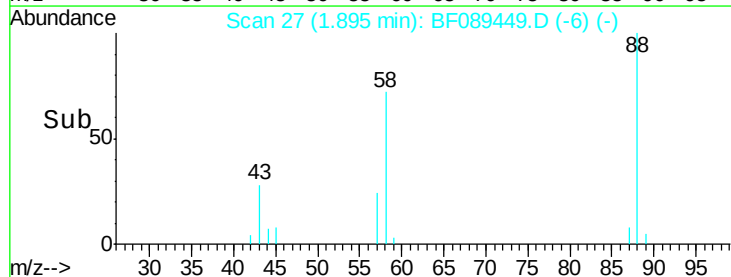
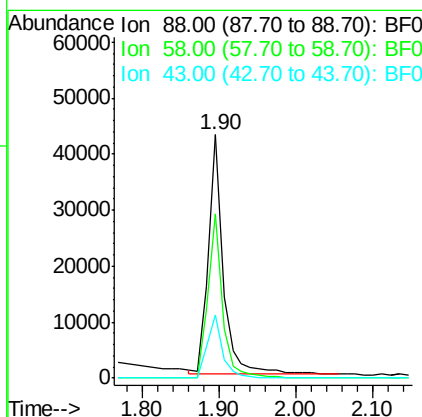
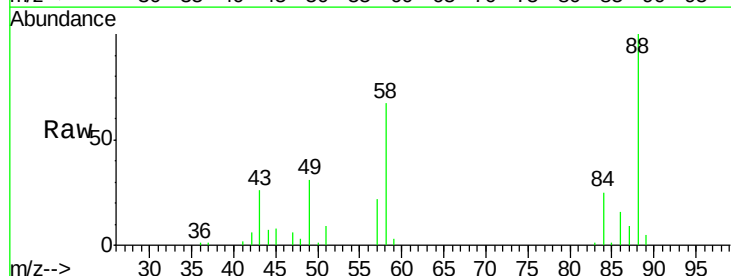
sohil
8/1/2016 7:18:35 PM

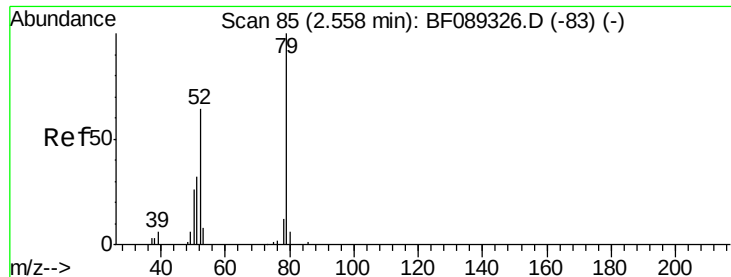


#2

1,4-Dioxane
Concen: 39.20 ng
RT: 1.90 min Scan# 27
Delta R.T. -0.06 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.6	53.2	79.8
43	26.5	20.6	31.0





#3

Pvridine

Concen: 43.15 ng

RT: 2.49 min Scan# 79

Delta R.T. -0.08 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Instrument :

BNA_F

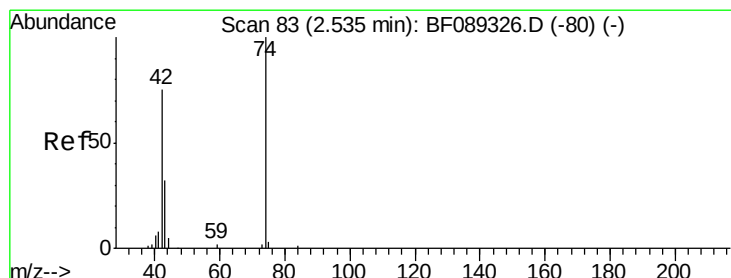
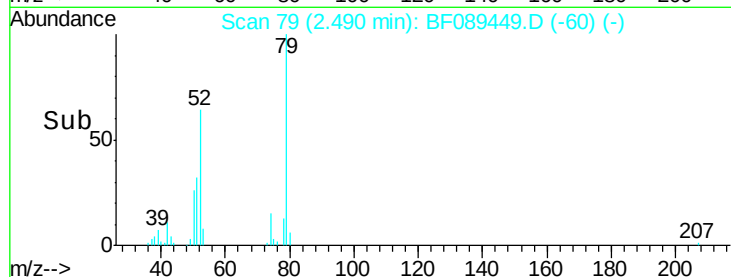
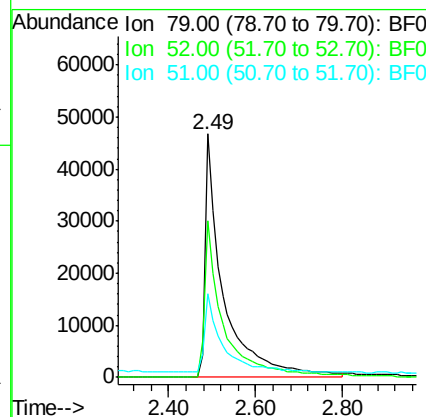
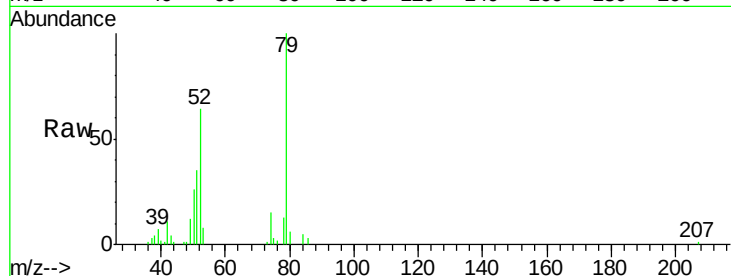
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	136071
Ion	Ratio	Lower	Upper
79	100		
52	64.3	51.9	77.9
51	34.6	28.2	42.4

Manual Integrations
APPROVED

sohil
8/1/2016 7:18:35 PM



#4

n-Nitrosodimethylamine

Concen: 43.78 ng

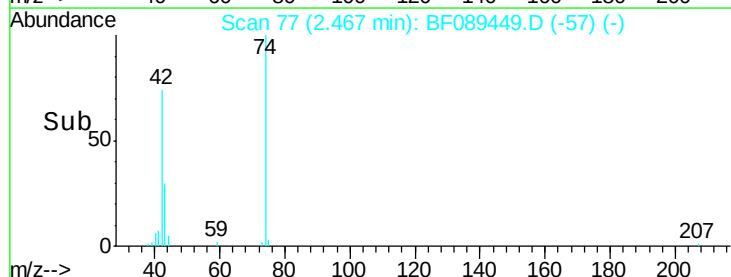
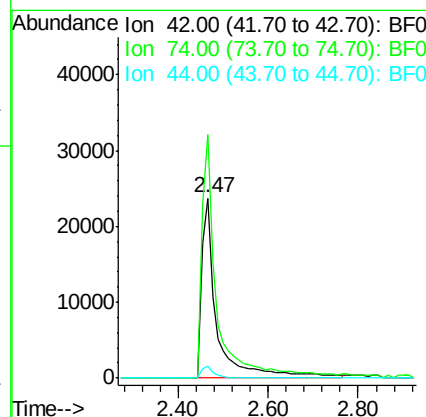
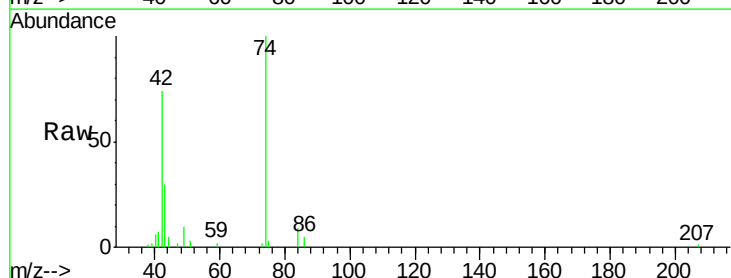
RT: 2.47 min Scan# 77

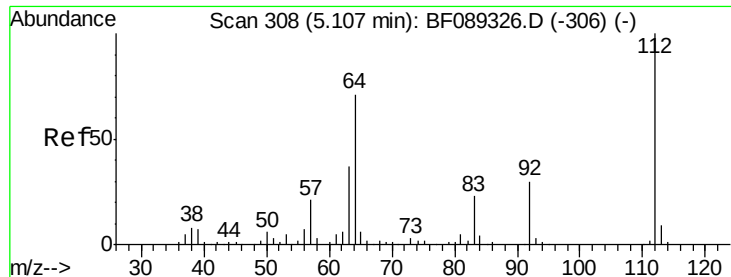
Delta R.T. -0.07 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Tgt Ion:	42	Resp:	55784
Ion	Ratio	Lower	Upper
42	100		
74	135.5	110.8	166.2
44	6.6	5.2	7.8





#5

2-Fluorophenol

Concen: 78.75 ng

RT: 5.06 min Scan# 304

Delta R.T. -0.05 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Instrument :

BNA_F

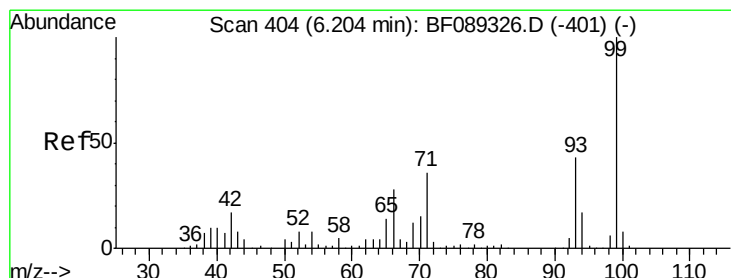
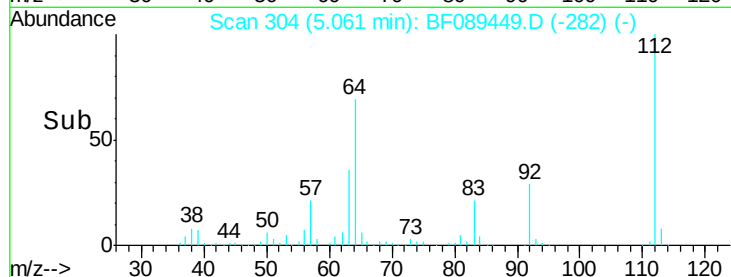
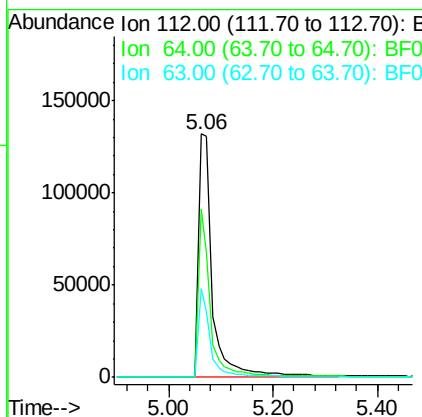
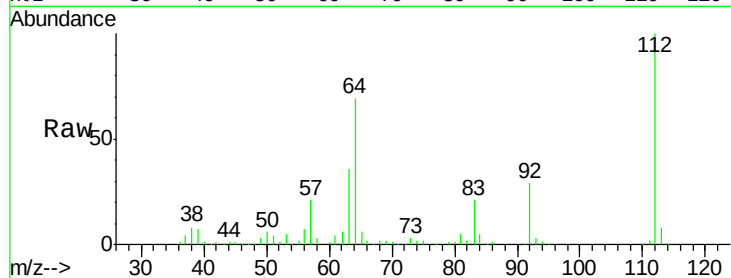
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	253819
Ion Ratio	Lower	Upper	
112	100		
64	68.8	55.0	82.6
63	36.4	29.4	44.2

Manual Integrations
APPROVED

sohil
8/1/2016 7:18:35 PM



#6

Aniline

Concen: 46.84 ng

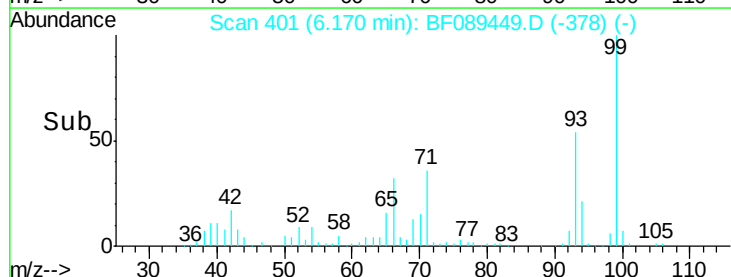
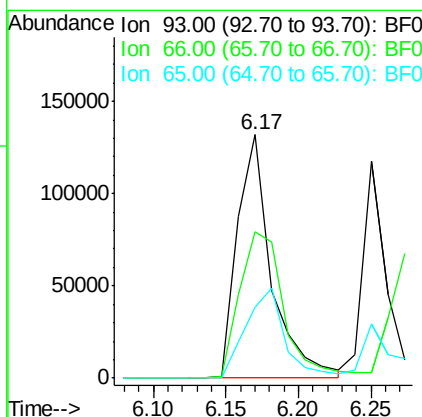
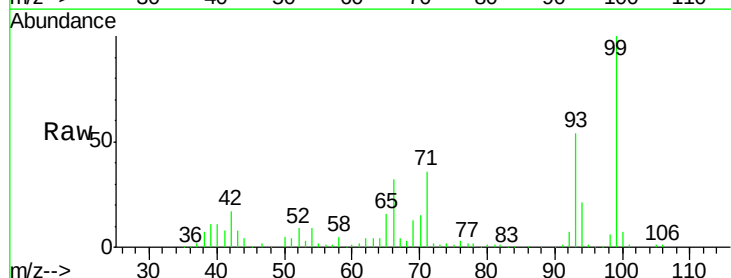
RT: 6.17 min Scan# 401

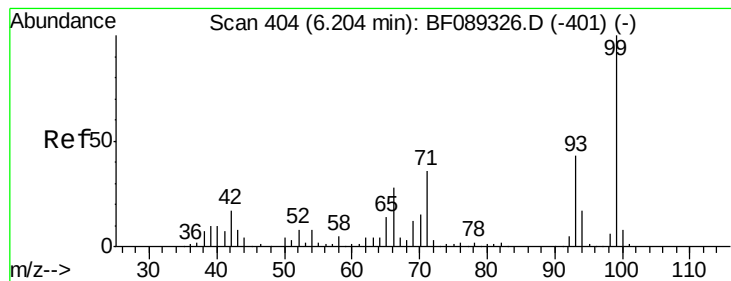
Delta R.T. -0.03 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Tgt Ion:	93	Resp:	215414
Ion Ratio	Lower	Upper	
93	100		
66	60.0	51.6	77.4
65	29.2	24.7	37.1





#7

Phenol-d6

Concen: 78.18 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.03 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Instrument :

BNA_F

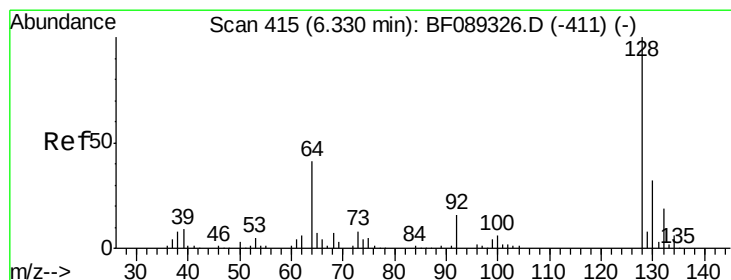
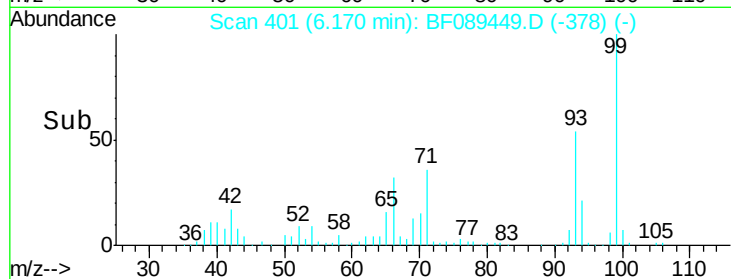
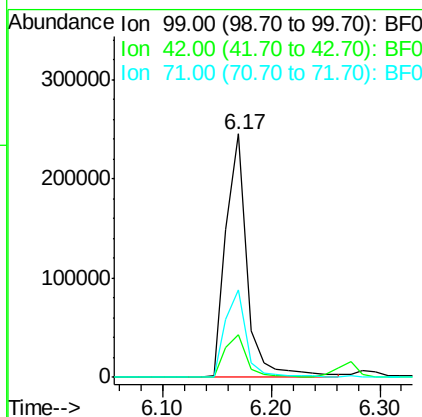
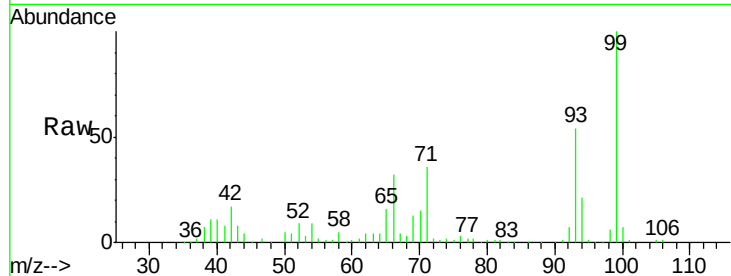
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	332984
Ion Ratio	Lower	Upper	
99	100		
42	17.3	13.6	20.4
71	35.7	29.4	44.2

Manual Integrations
APPROVED

sohil
8/1/2016 7:18:35 PM



#8

2-Chlorophenol

Concen: 39.21 ng

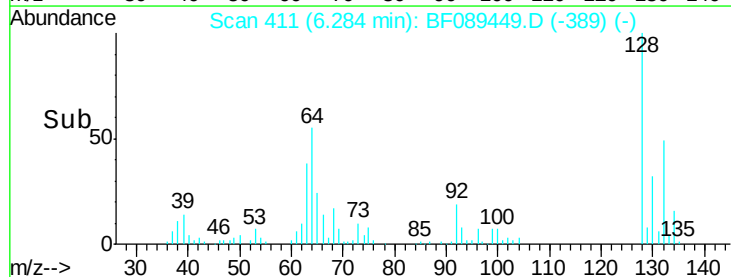
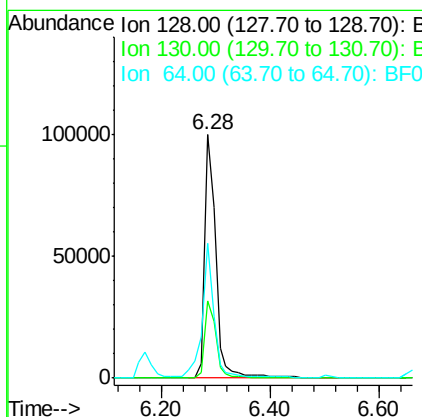
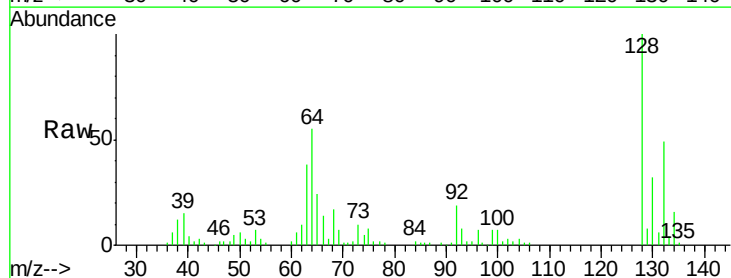
RT: 6.28 min Scan# 411

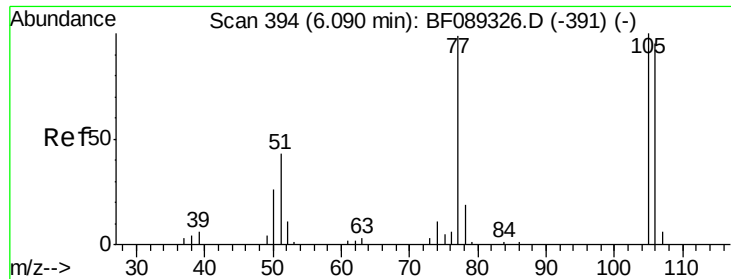
Delta R.T. -0.05 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Tgt Ion:	128	Resp:	142954
Ion Ratio	Lower	Upper	
128	100		
130	31.5	12.6	52.6
64	55.2	22.1	62.1





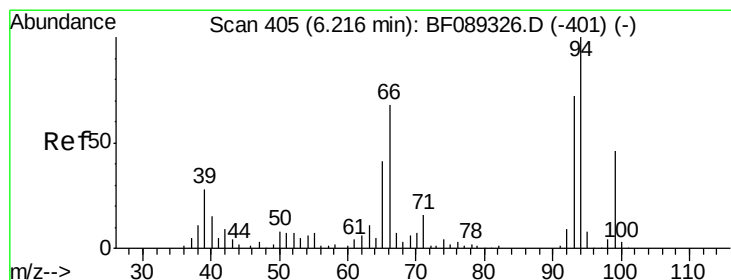
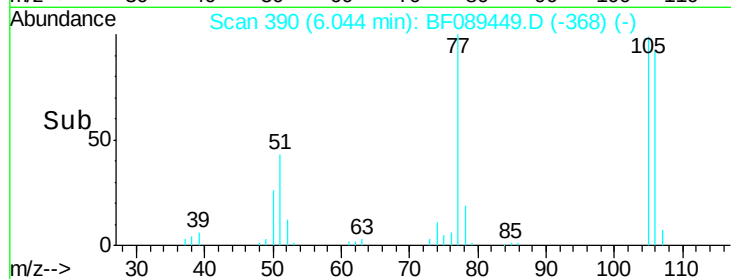
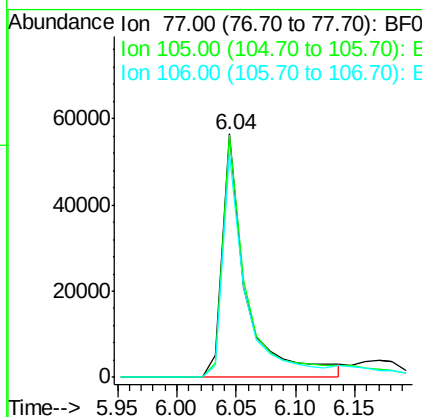
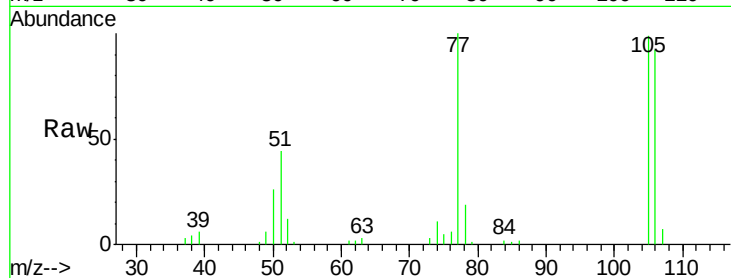
#9
Benzaldehyde
Concen: 37.69 ng
RT: 6.04 min Scan# 390
Delta R.T. -0.05 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.4	82.9	122.9
106	92.4	75.9	115.9

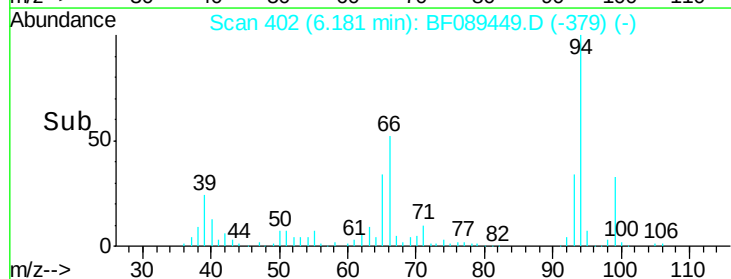
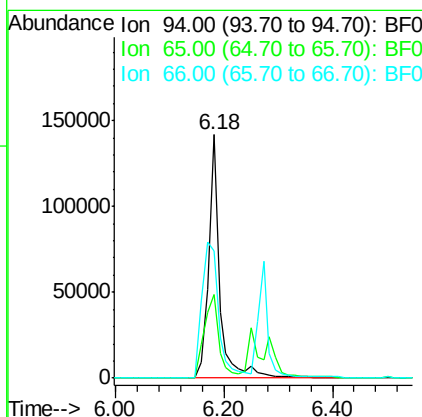
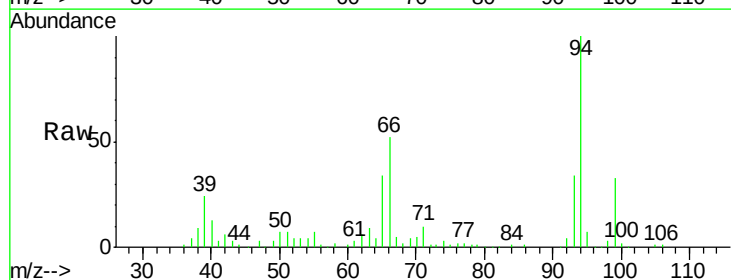
Manual Integrations
APPROVED

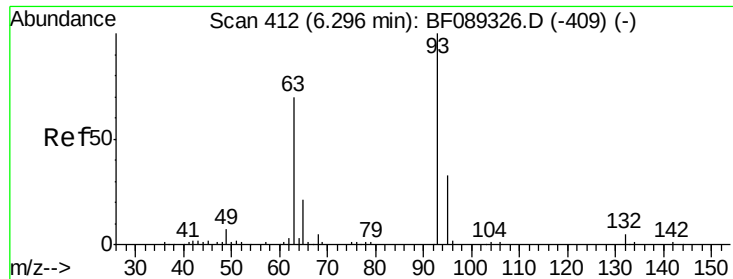
sohil
8/1/2016 7:18:35 PM



#10
Phenol
Concen: 43.12 ng
RT: 6.18 min Scan# 402
Delta R.T. -0.03 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.3	19.1	59.1
66	52.0	44.4	84.4





#11

bis(2-Chloroethyl)ether

Concen: 36.99 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.05 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Instrument :

BNA_F

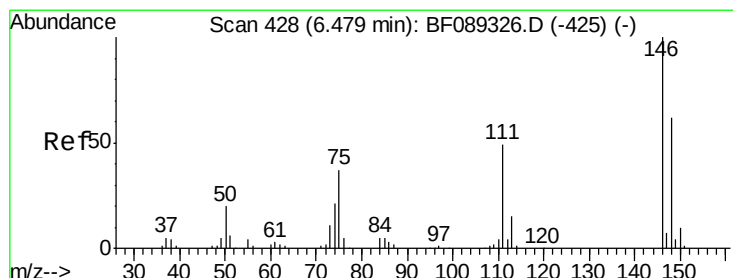
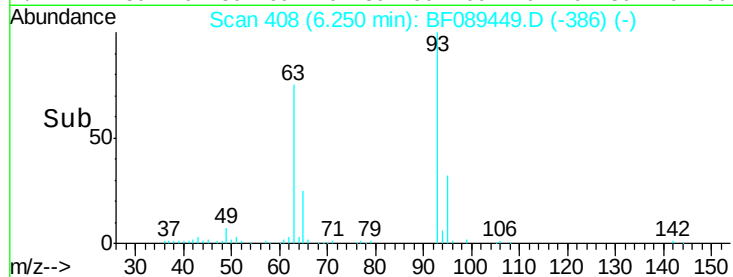
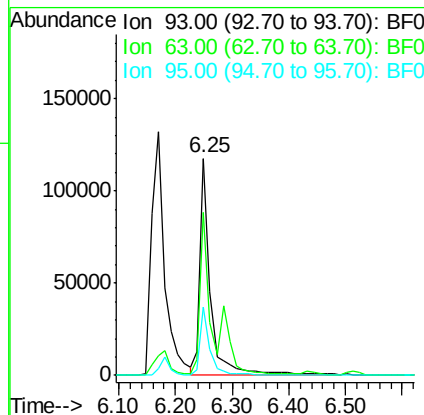
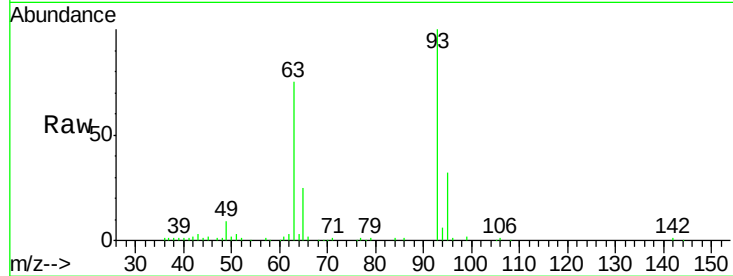
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	147728
Ion Ratio	Lower	Upper	
93	100		
63	75.0	45.6	85.6
95	31.6	11.1	51.1

Manual Integrations
APPROVED

sohil
8/1/2016 7:18:35 PM



#12

1,3-Dichlorobenzene

Concen: 40.09 ng m

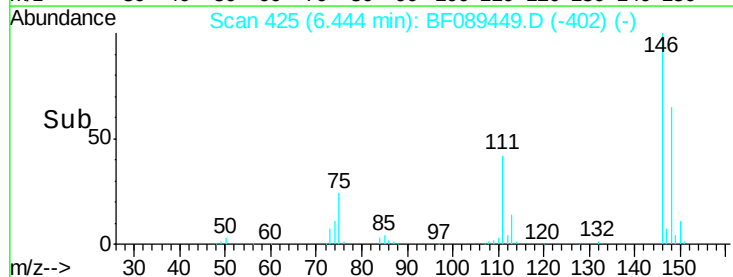
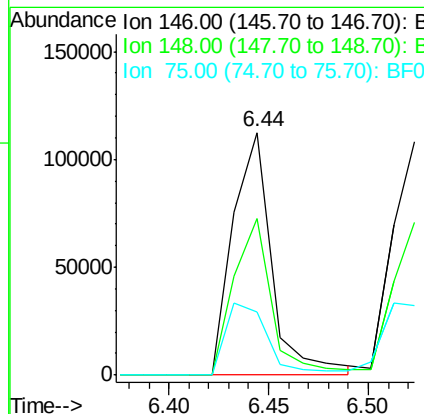
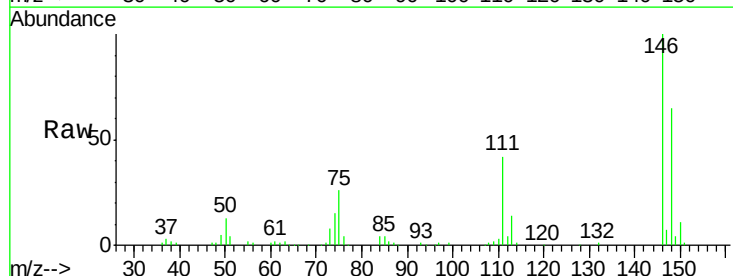
RT: 6.44 min Scan# 425

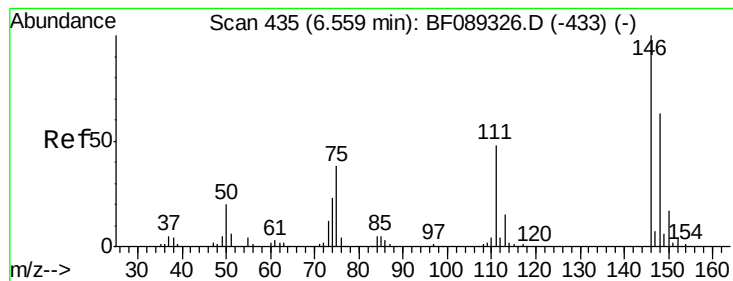
Delta R.T. -0.03 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Tgt Ion:	146	Resp:	152884
Ion Ratio	Lower	Upper	
146	100		
148	64.8	50.5	75.7
75	26.2	30.0	45.0#





#13

1,4-Dichlorobenzene

Concen: 38.35 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.03 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Instrument :

BNA_F

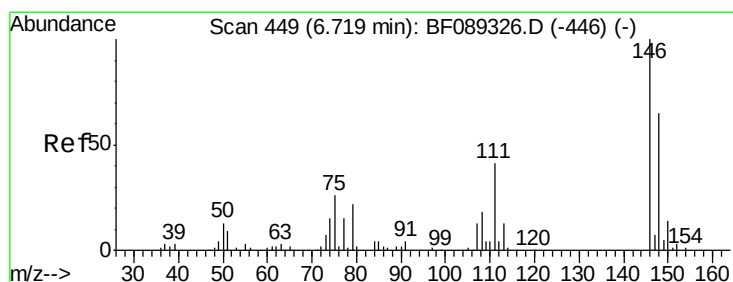
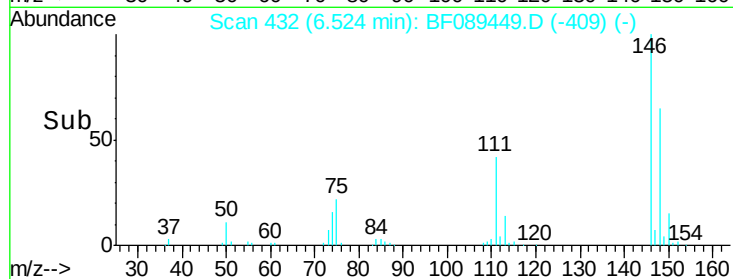
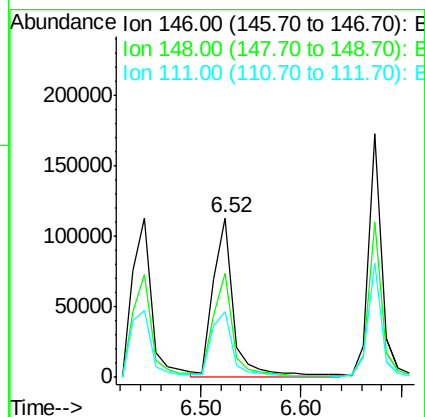
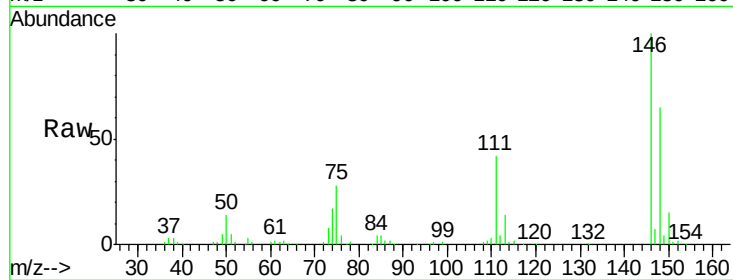
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	161368
Ion Ratio	Lower	Upper	
146	100		
148	65.4	50.8	76.2
111	41.6	38.6	57.8

Manual Integrations
APPROVED

sohil
8/1/2016 7:18:35 PM



#14

1,2-Dichlorobenzene

Concen: 41.76 ng

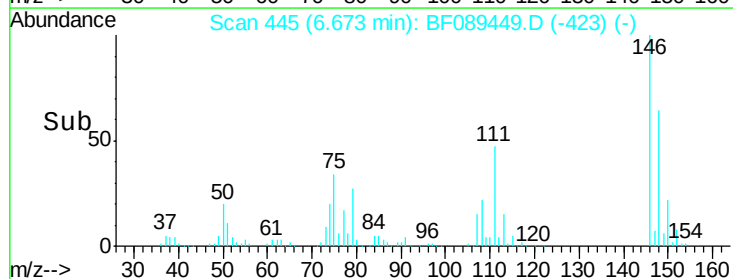
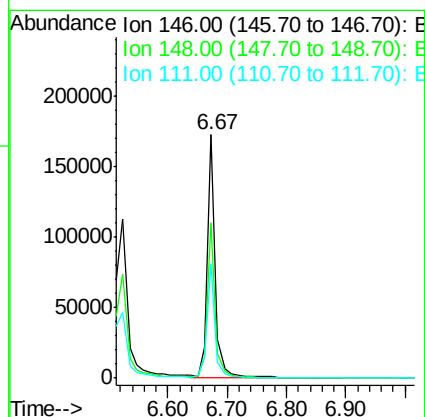
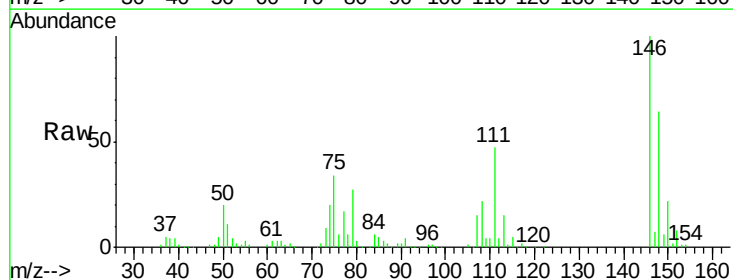
RT: 6.67 min Scan# 445

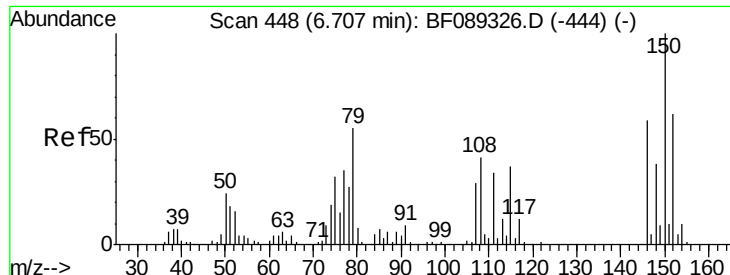
Delta R.T. -0.05 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Tgt Ion:	146	Resp:	164629
Ion Ratio	Lower	Upper	
146	100		
148	64.0	50.4	75.6
111	47.2	33.0	49.4





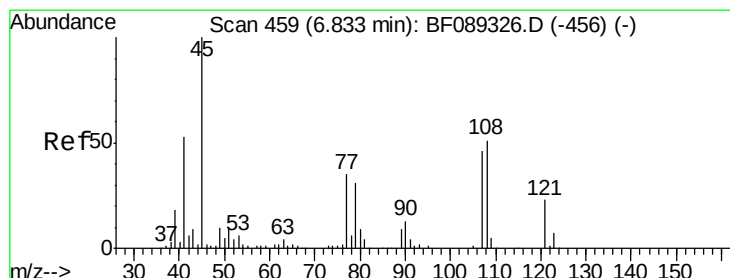
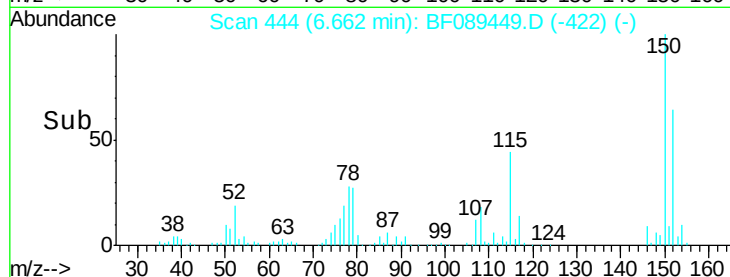
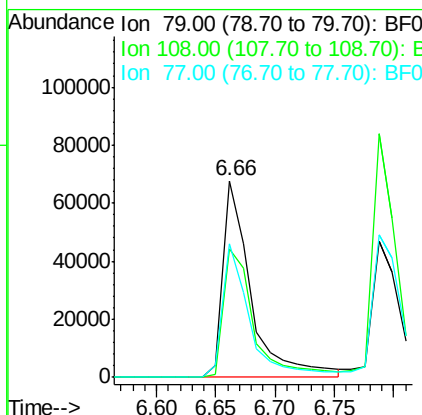
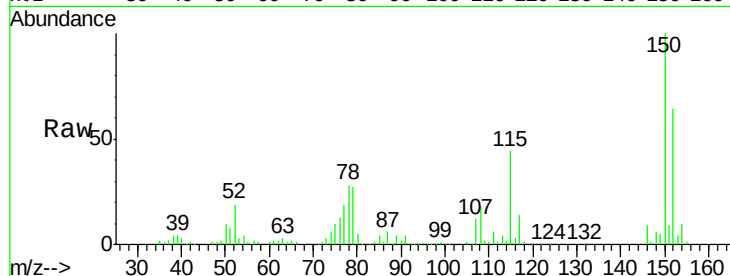
#15
Benzyl Alcohol
Concen: 42.16 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.05 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	65.3	59.8	89.6
77	67.9	51.7	77.5

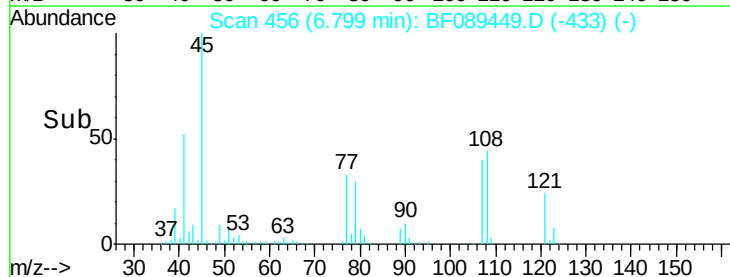
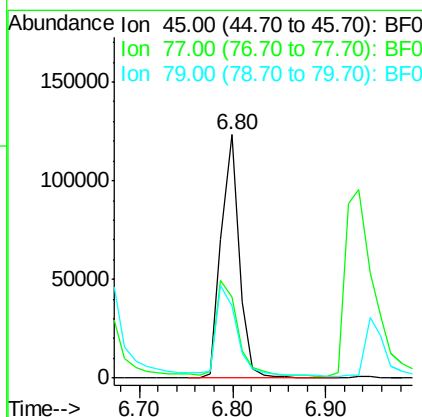
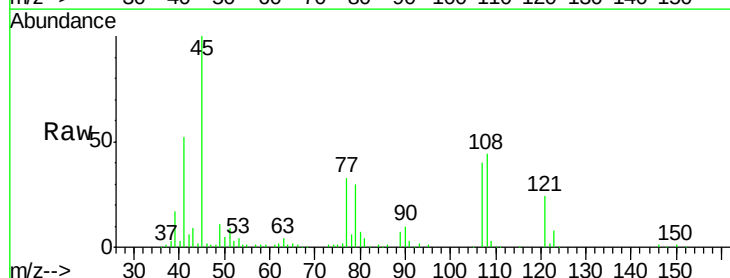
Manual Integrations
APPROVED

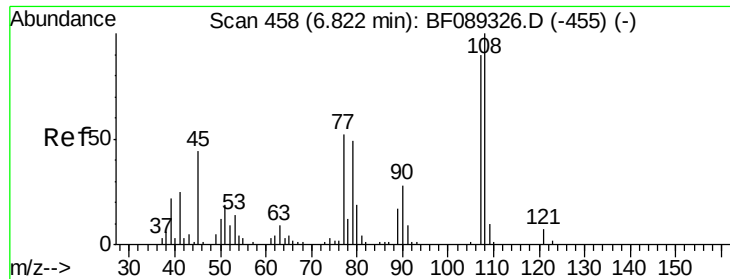
sohil
8/1/2016 7:18:35 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.44 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.03 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Tgt Ion	Ratio	Lower	Upper
45	100		
77	33.5	17.3	57.3
79	29.5	13.9	53.9





#17

2-Methylphenol

Concen: 37.00 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.03 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Instrument :

BNA_F

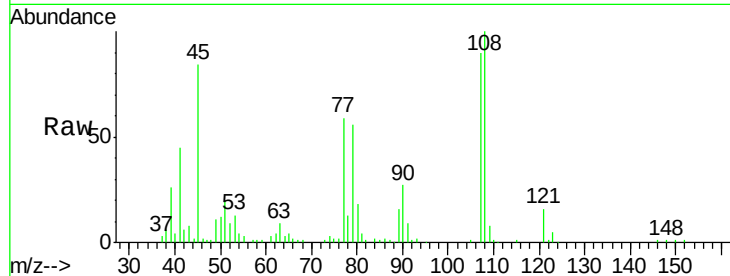
ClientSampleId :

SSTDCCC040

Tot Ion:	107	Resp:	104250
Ion Ratio	Lower	Upper	
107	100		
108	111.1	91.4	137.0
77	65.1	48.6	73.0
79	62.0	48.2	72.4

Manual Integrations
APPROVED

sohil
8/1/2016 7:18:35 PM

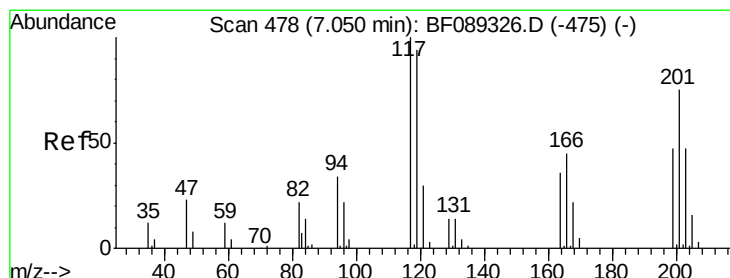
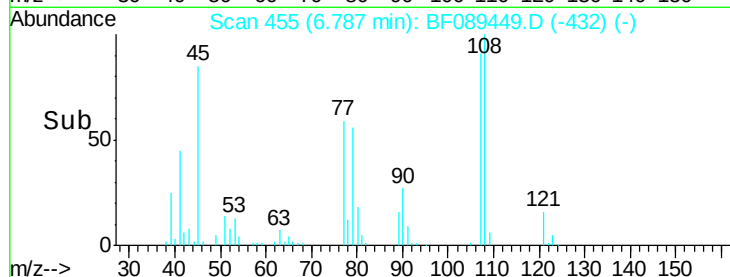
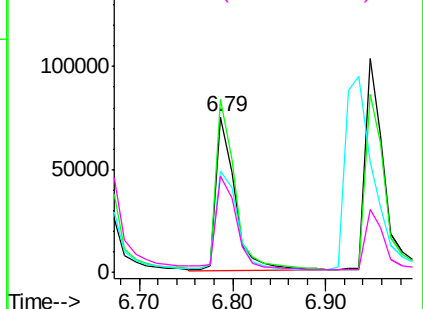


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 38.62 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.03 min

Lab File: BF089449.D

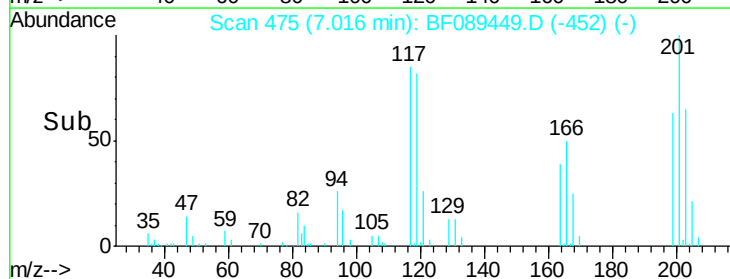
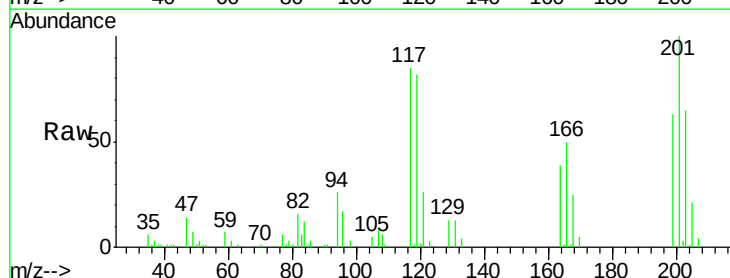
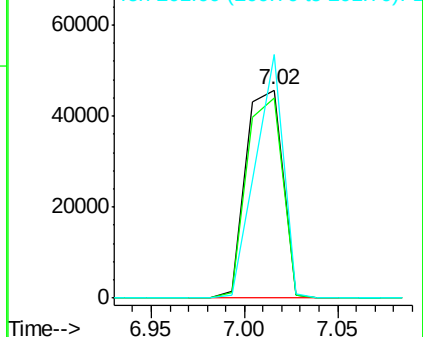
Acq: 30 Jul 2016 13:13

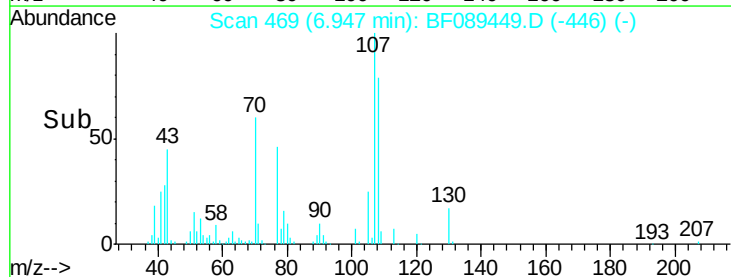
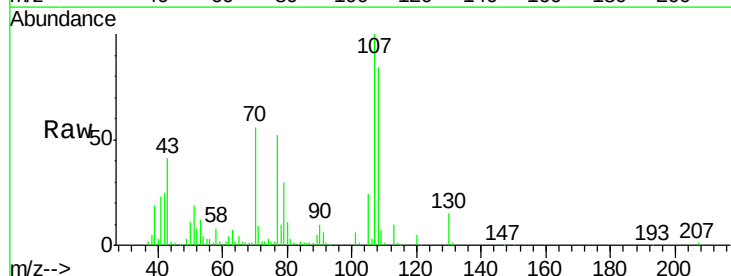
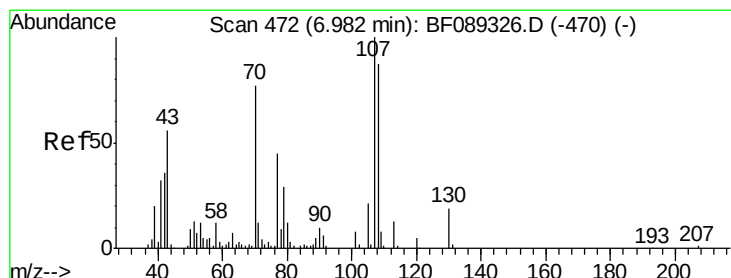
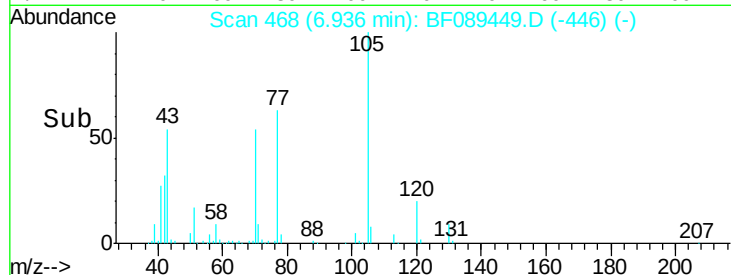
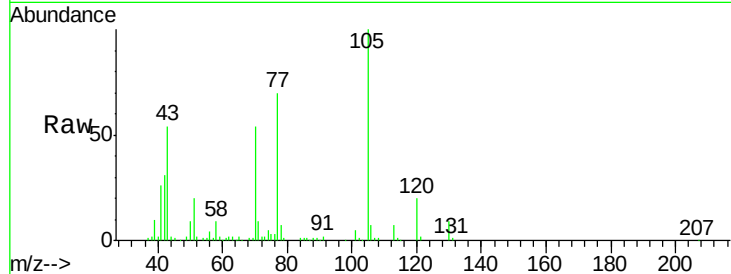
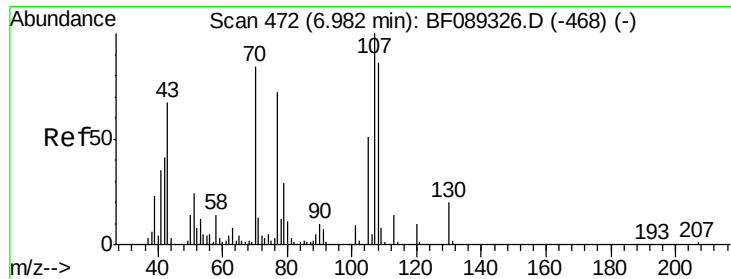
Tgt Ion:	117	Resp:	62307
Ion Ratio	Lower	Upper	
117	100		
119	96.1	76.0	114.0
201	117.0	60.0	90.0#

Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





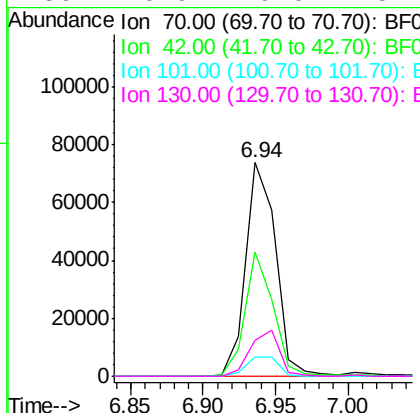
#19
n-Nitroso-di-n-propylamine
Concen: 41.35 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.05 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.0	38.6	57.8#
101	8.8	8.3	12.5
130	16.9	19.0	28.4#

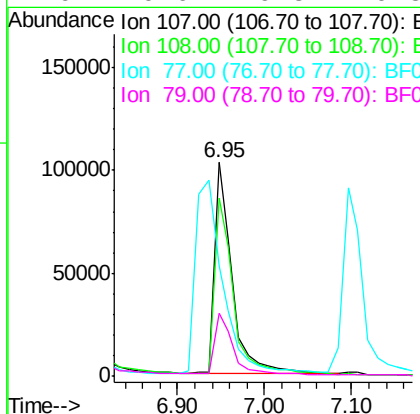
Manual Integrations
APPROVED

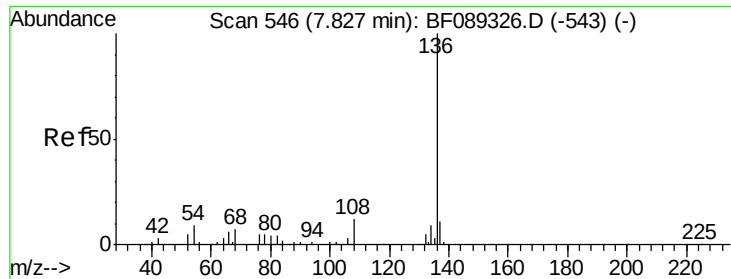
sohil
8/1/2016 7:18:35 PM



#20
3+4-Methylphenols
Concen: 40.64 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.03 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	83.6	63.3	103.3
77	51.7	51.1	91.1
79	29.6	9.3	49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.79 min Scan# 543

Delta R.T. -0.03 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Instrument :

BNA_F

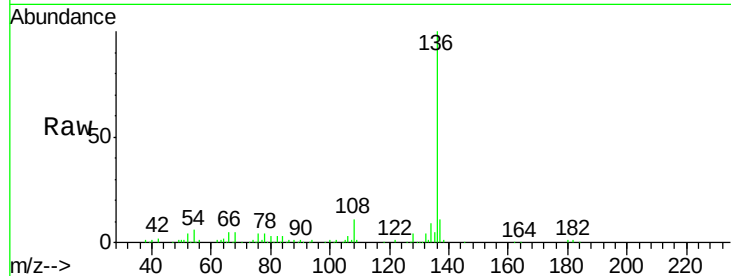
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	211534		
137	10.7	8.6	13.0	
54	6.5	7.0	10.4	
68	5.3	4.9	7.3	

Manual Integrations
APPROVED

sohil
8/1/2016 7:18:35 PM

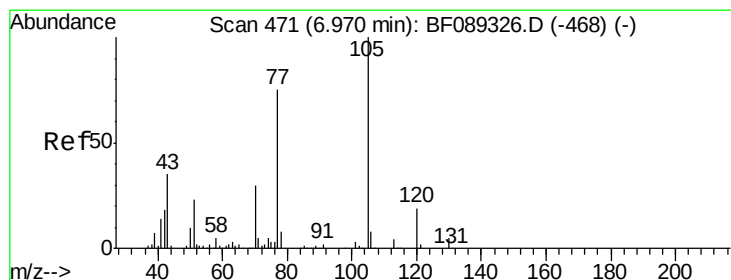
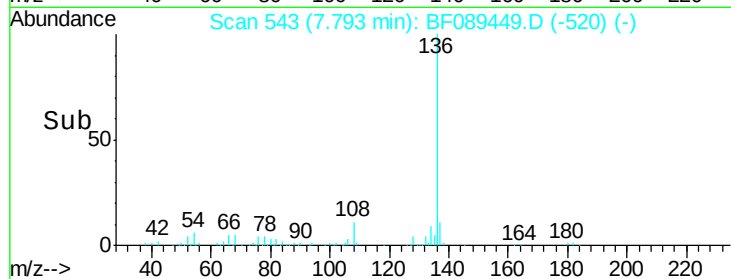
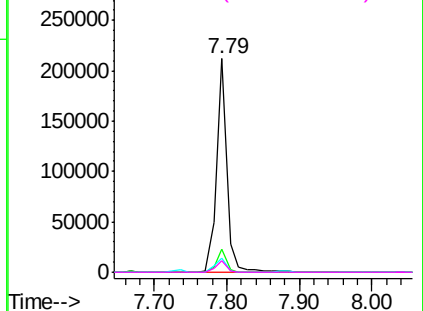


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 43.45 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.03 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

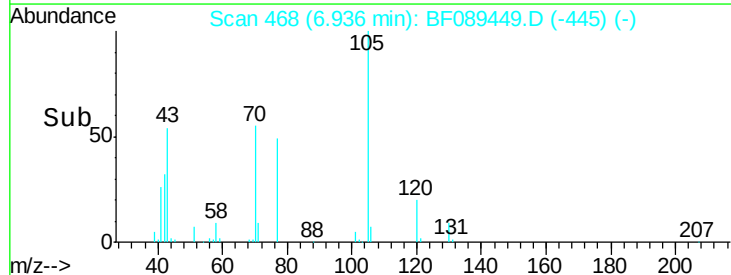
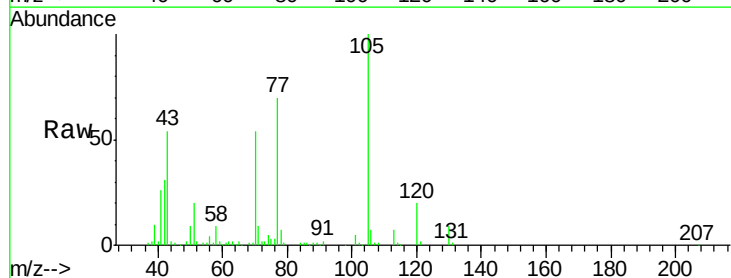
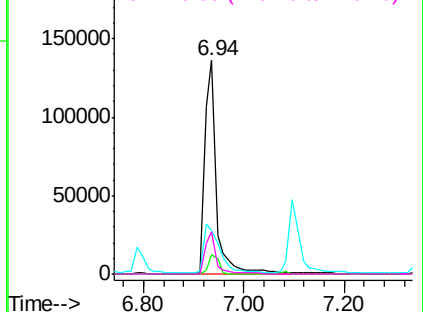
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	218838		
71	9.1	4.2	6.2	
51	20.4	18.7	28.1	
120	19.9	15.8	23.6	

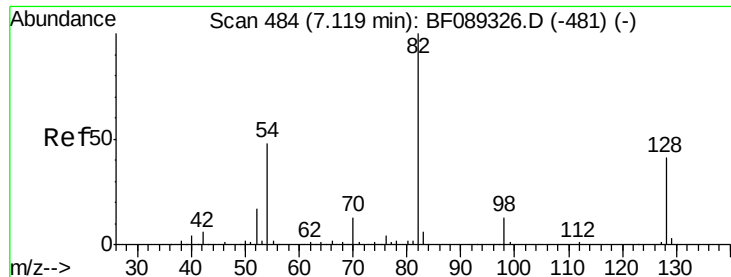
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





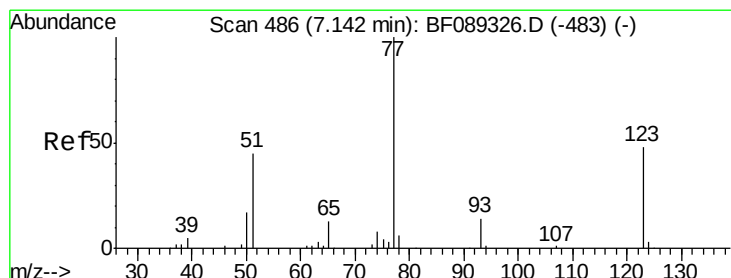
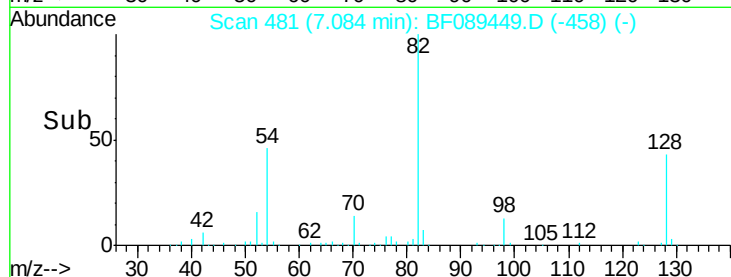
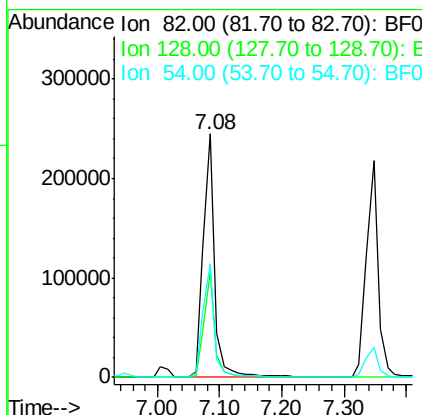
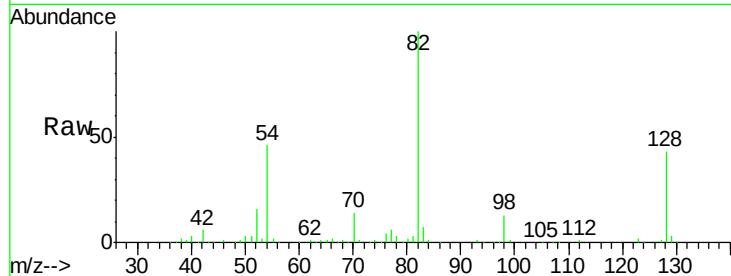
#23
 Nitrobenzene-d5
 Concen: 88.92 ng
 RT: 7.08 min Scan# 481
 Delta R.T. -0.03 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	82	Resp	318669
Ion	Ratio	Lower	Upper
82	100		
128	43.4	32.5	48.7
54	46.3	38.8	58.2

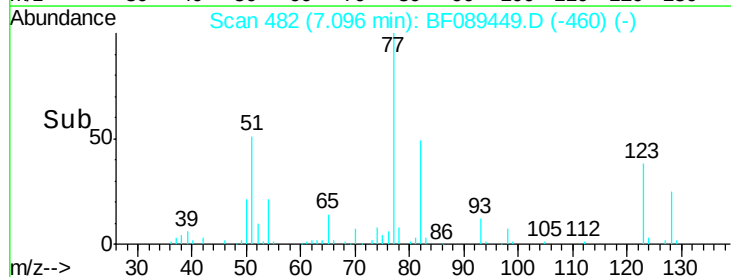
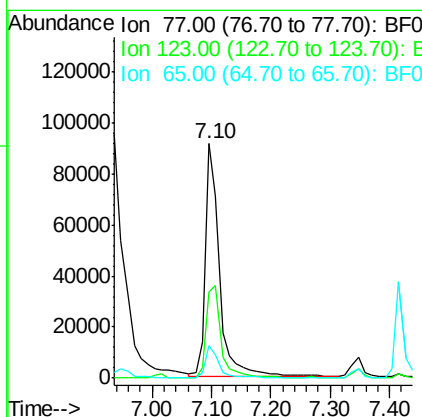
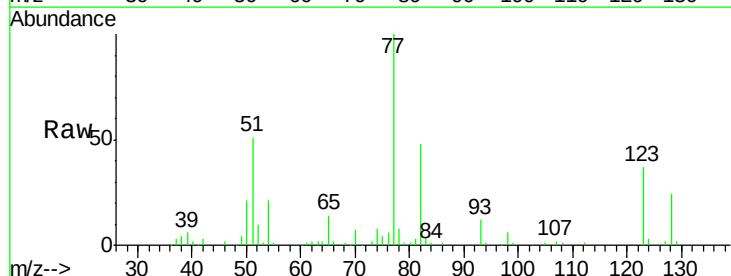
Manual Integrations
 APPROVED

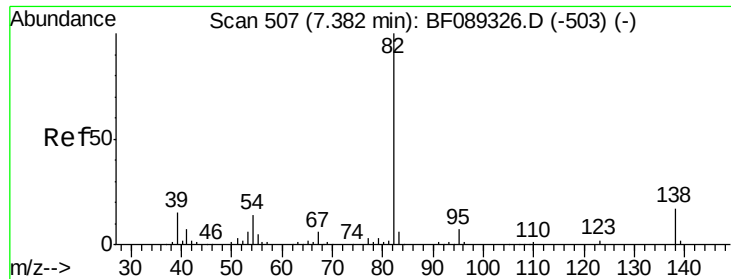
sohil
 8/1/2016 7:18:35 PM



#24
 Nitrobenzene
 Concen: 36.96 ng
 RT: 7.10 min Scan# 482
 Delta R.T. -0.05 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Tgt Ion	77	Resp	150736
Ion	Ratio	Lower	Upper
77	100		
123	36.8	37.2	55.8#
65	13.7	10.2	15.4





#25

Isophorone

Concen: 39.27 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.03 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Instrument :

BNA_F

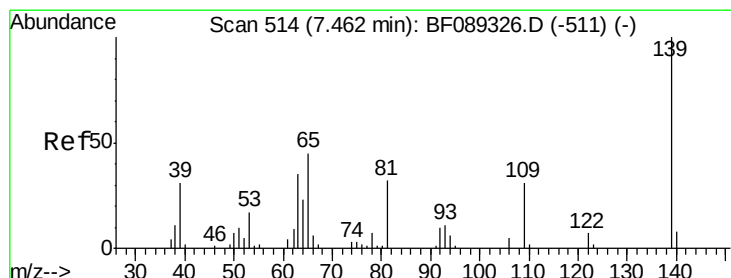
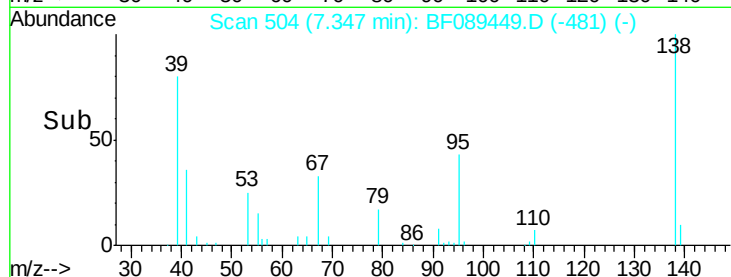
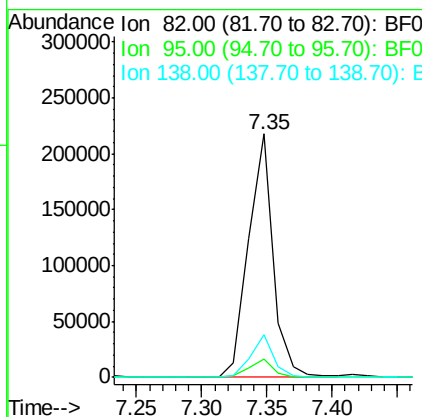
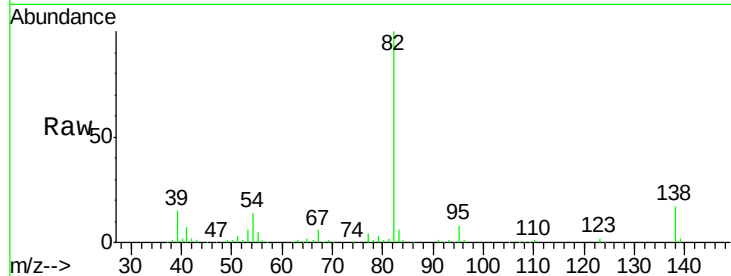
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	283461
Ion Ratio		Lower	Upper
82	100		
95	7.6	6.0	9.0
138	17.5	13.3	19.9

Manual Integrations
APPROVED

sohil
8/1/2016 7:18:35 PM



#26

2-Nitrophenol

Concen: 42.39 ng

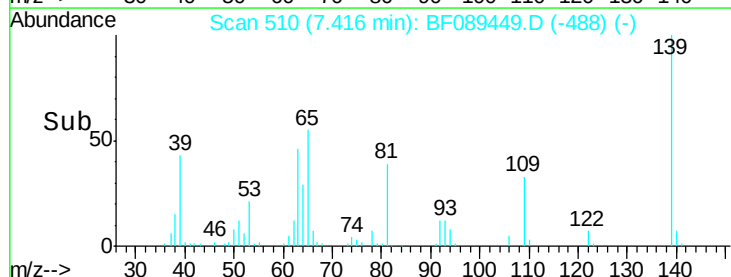
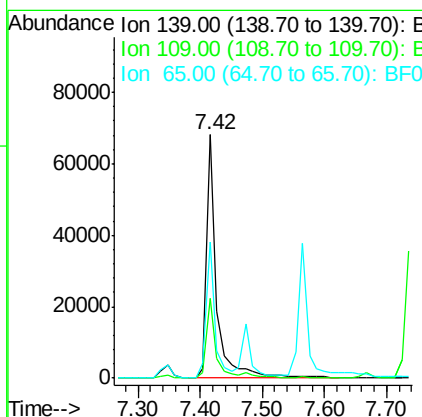
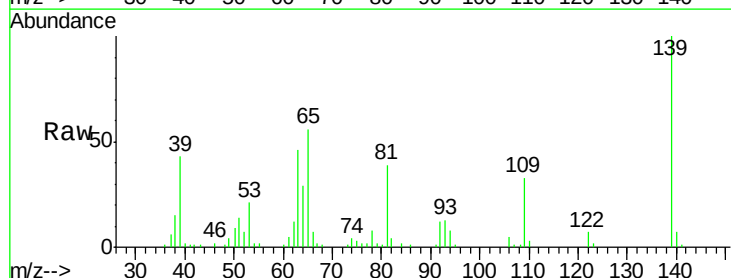
RT: 7.42 min Scan# 510

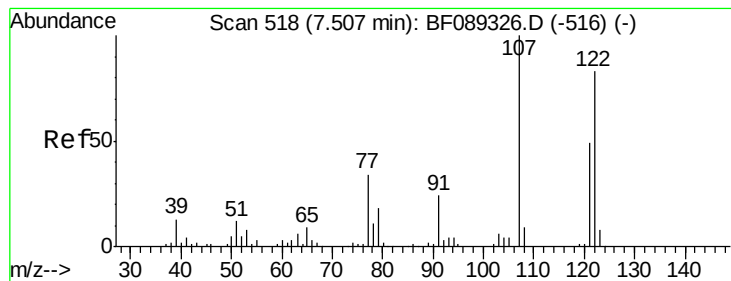
Delta R.T. -0.05 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Tgt Ion:	139	Resp:	77305
Ion Ratio		Lower	Upper
139	100		
109	32.9	25.8	38.8
65	55.8	35.2	52.8#





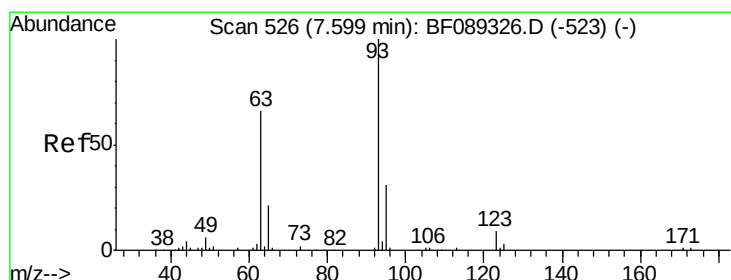
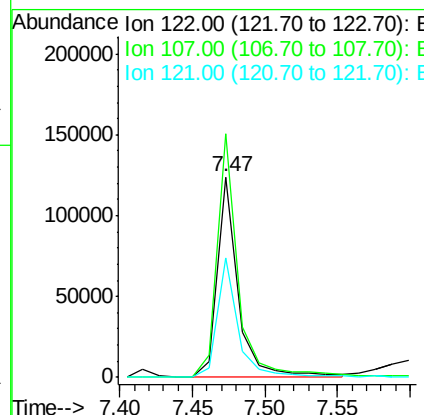
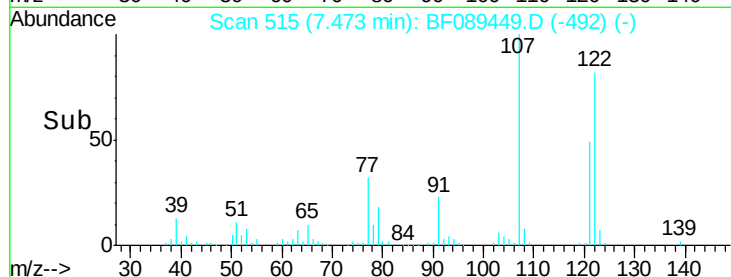
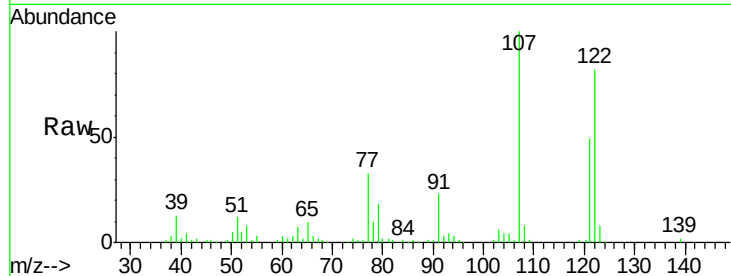
#27
 2,4-Dimethylphenol
 Concen: 43.33 ng
 RT: 7.47 min Scan# 515
 Delta R.T. -0.03 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	125875		
107	121.7	97.2	145.8	
121	59.9	48.8	73.2	

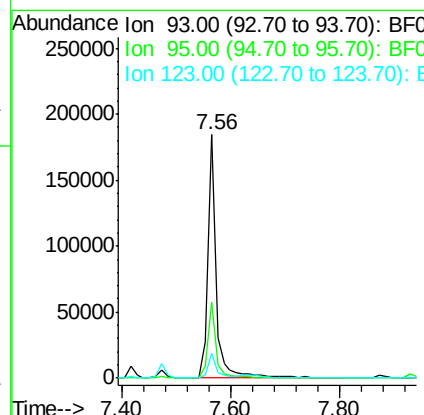
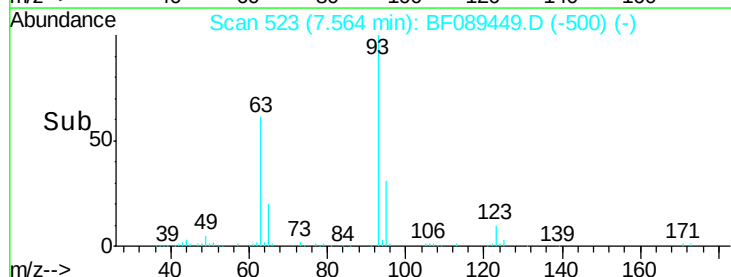
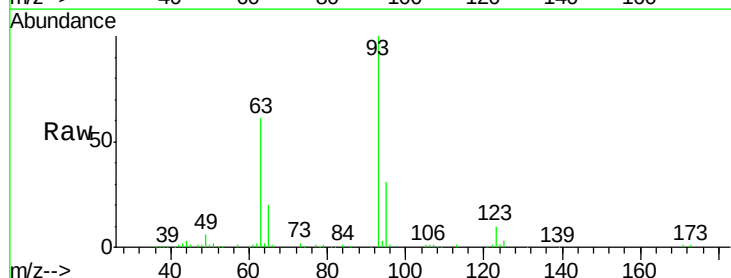
Manual Integrations
 APPROVED

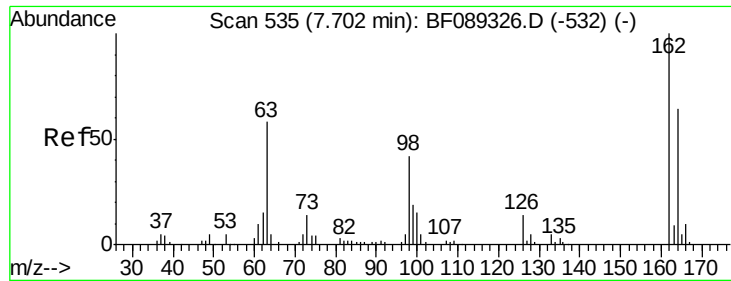
sohil
 8/1/2016 7:18:35 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.99 ng
 RT: 7.56 min Scan# 523
 Delta R.T. -0.03 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	195765		
95	31.2	24.7	37.1	
123	10.1	7.5	11.3	





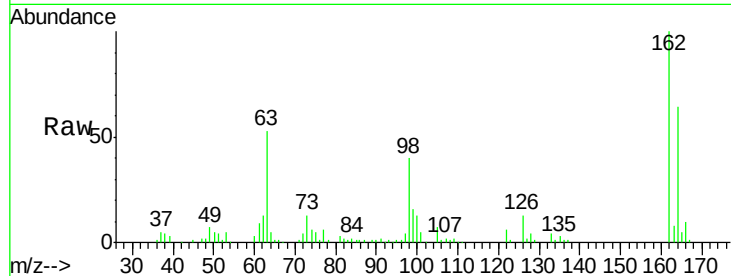
#29
 2,4-Dichlorophenol
 Concen: 44.10 ng
 RT: 7.67 min Scan# 532
 Delta R.T. -0.03 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

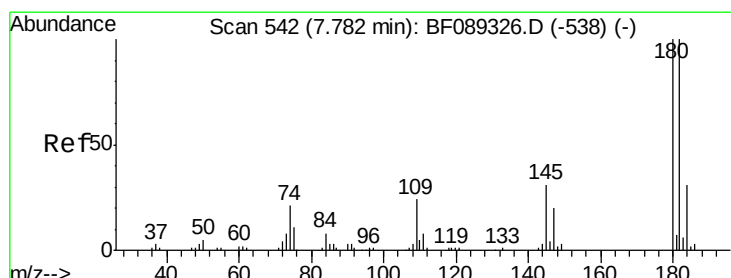
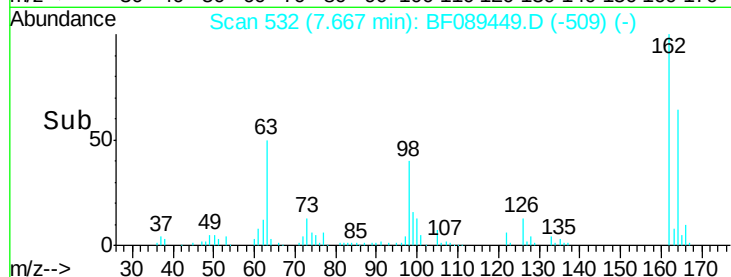
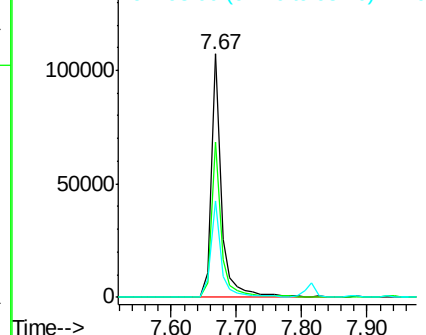
Tot Ion:	162	Resp:	116752
Ion Ratio	Lower	Upper	
162	100		
164	63.9	44.0	84.0
98	39.6	21.8	61.8

Manual Integrations
 APPROVED

sohil
 8/1/2016 7:18:35 PM

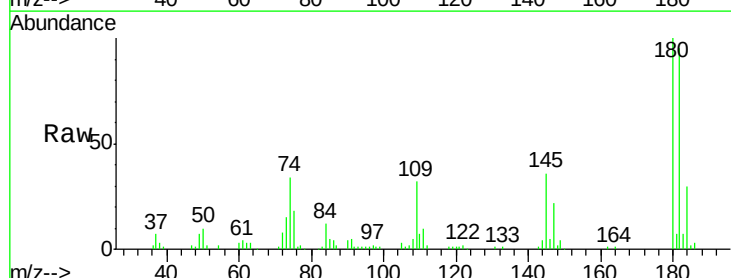


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

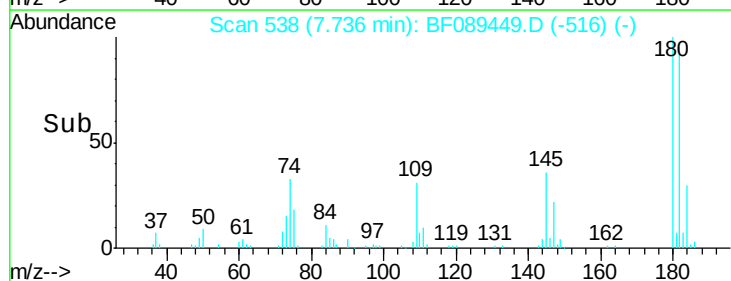
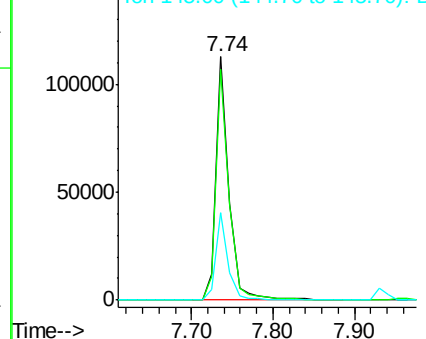


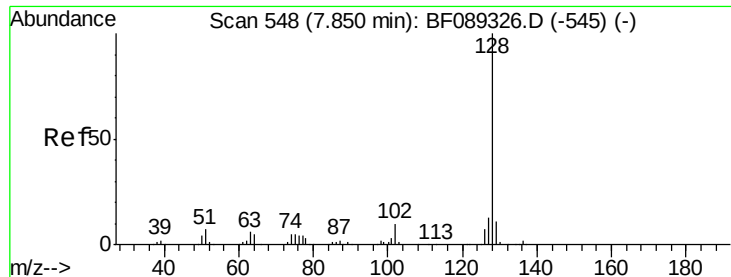
#30
 1,2,4-Trichlorobenzene
 Concen: 42.05 ng
 RT: 7.74 min Scan# 538
 Delta R.T. -0.05 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Tgt Ion:	180	Resp:	126997
Ion Ratio	Lower	Upper	
180	100		
182	94.8	78.2	117.2
145	35.8	24.6	36.8



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





#31

Naphthalene

Concen: 42.26 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.03 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Instrument :

BNA_F

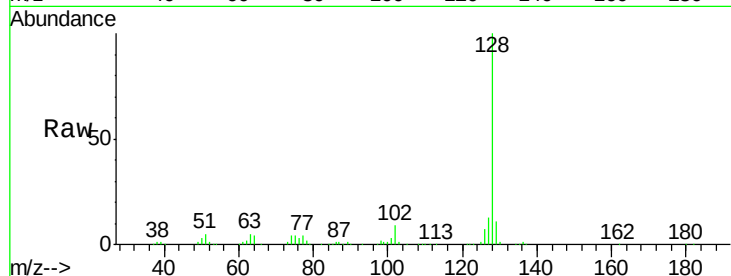
ClientSampled :

SSTDCCC040

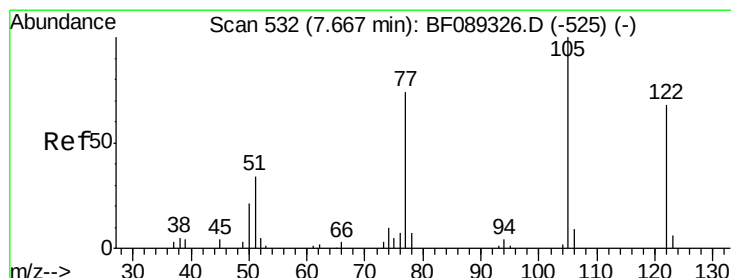
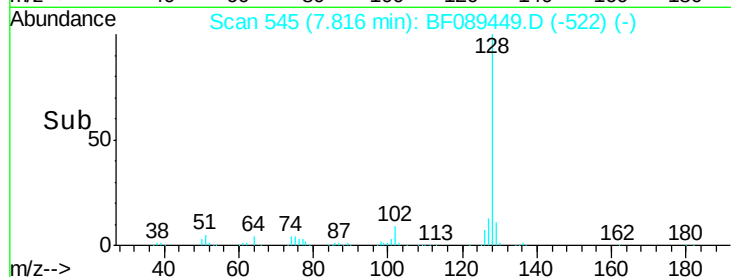
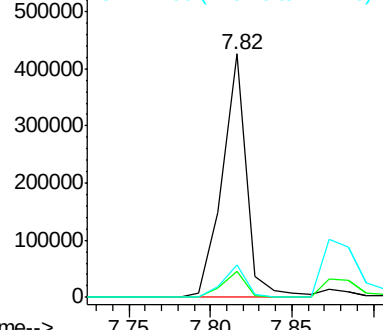
Tot Ion:	128	Resp:	442691
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.8	13.2
127	13.3	10.8	16.2

Manual Integrations
APPROVED

sohil
8/1/2016 7:18:35 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: 45.42 ng

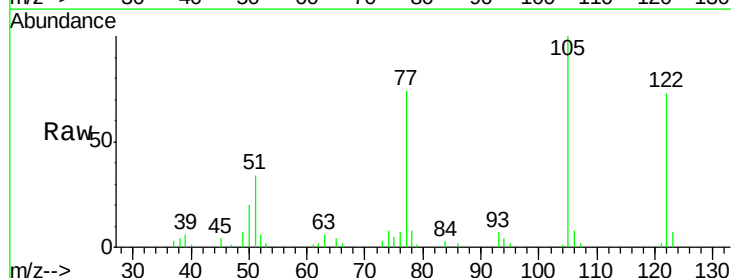
RT: 7.64 min Scan# 530

Delta R.T. -0.02 min

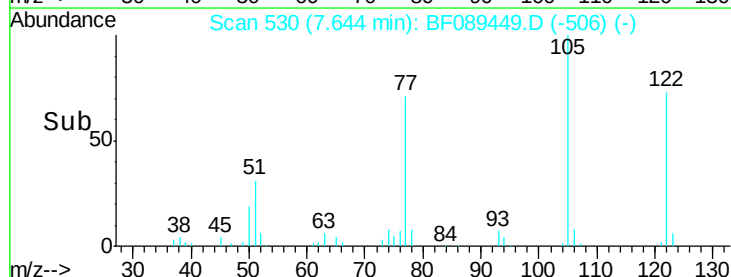
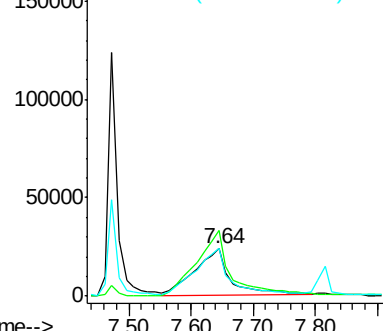
Lab File: BF089449.D

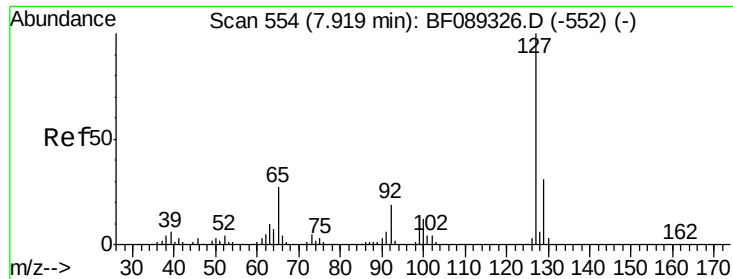
Acq: 30 Jul 2016 13:13

Tgt Ion:	122	Resp:	91952
Ion Ratio	Lower	Upper	
122	100		
105	137.0	106.4	146.4
77	100.8	76.4	116.4



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





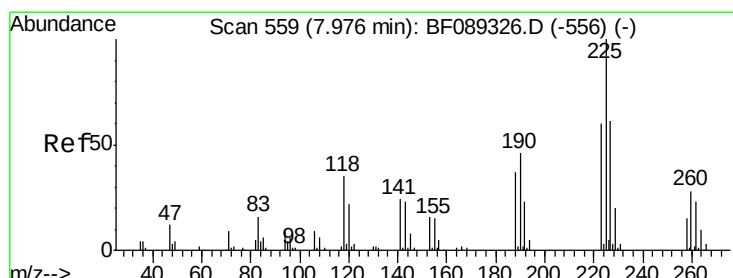
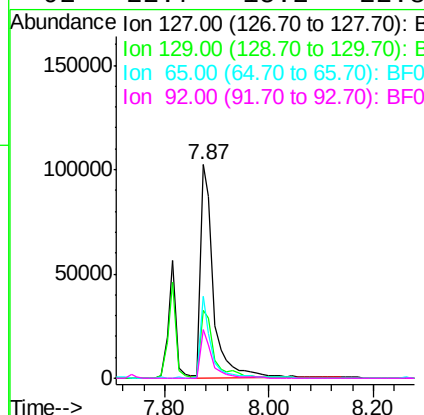
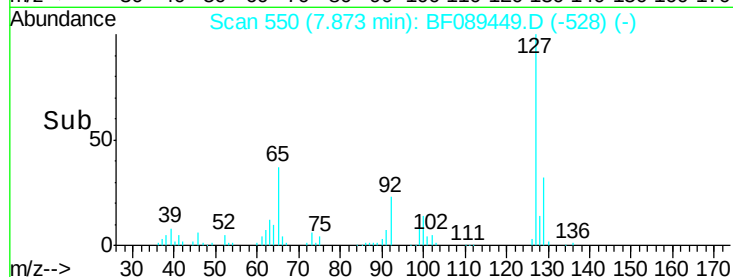
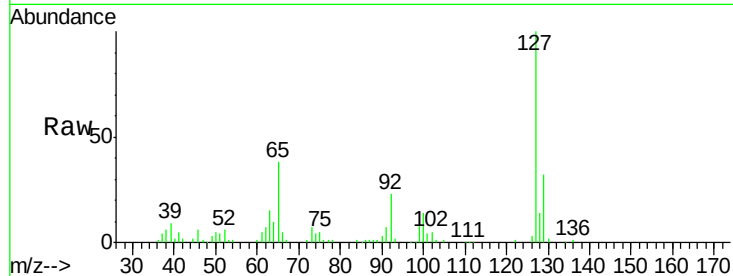
#33
4-Chloroaniline
Concen: 44.98 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.05 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		179361		
129	31.6	26.1	39.1		
65	38.3	22.0	33.0		
92	22.7	15.2	22.8		

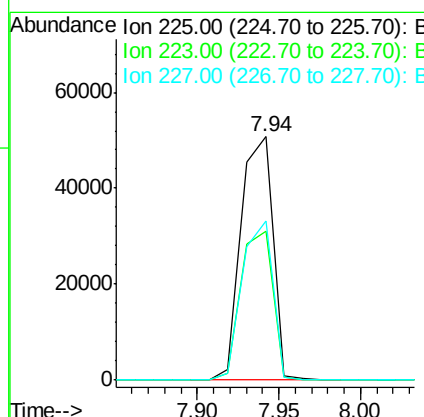
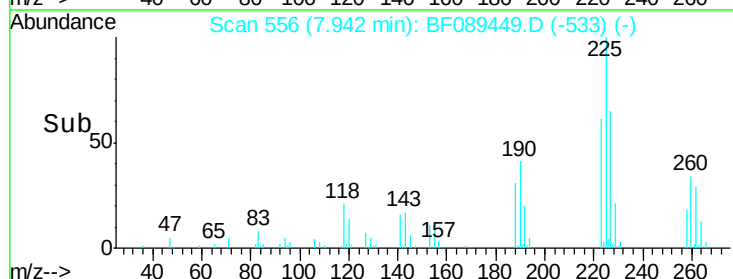
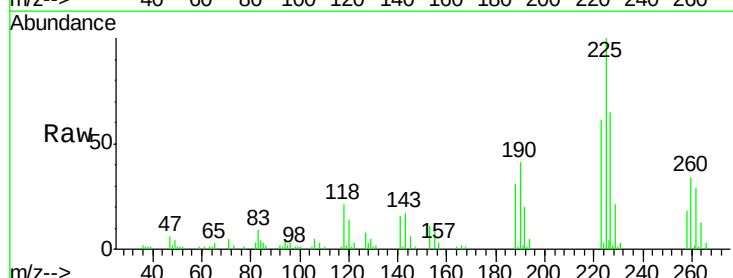
Manual Integrations
APPROVED

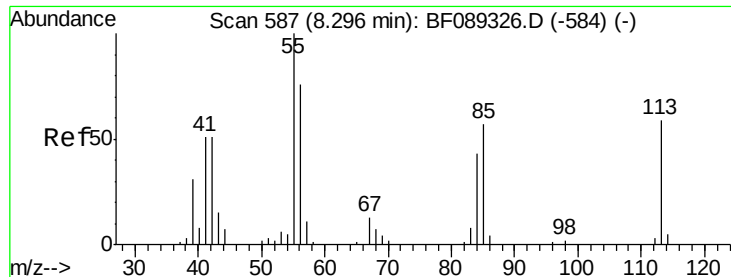
sohil
8/1/2016 7:18:35 PM



#34
Hexachlorobutadiene
Concen: 39.51 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.03 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		68354		
223	61.1	49.8	74.8		
227	65.4	49.4	74.2		





#35

Caprolactam

Concen: 42.07 ng

RT: 8.26 min Scan# 584

Delta R.T. -0.03 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Instrument :

BNA_F

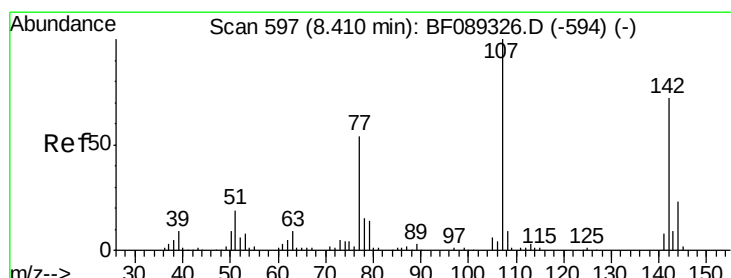
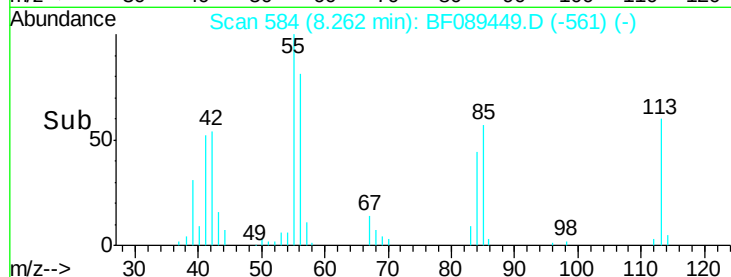
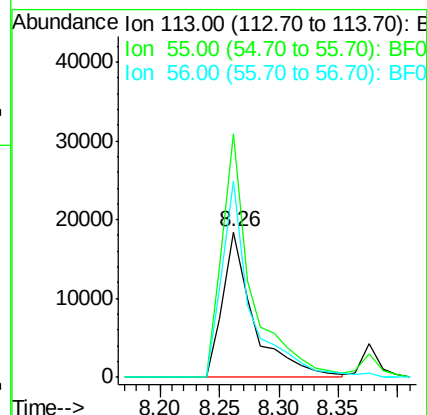
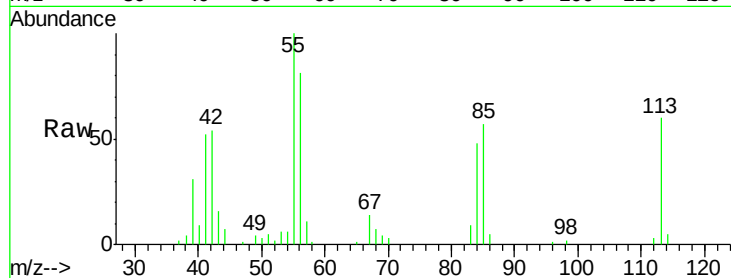
ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 33614
 Ion Ratio Lower Upper
 113 100
 55 167.5 142.3 182.3
 56 135.1 105.8 145.8

Manual Integrations
 APPROVED

sohil
 8/1/2016 7:18:35 PM



#36

4-Chloro-3-methylphenol

Concen: 44.06 ng

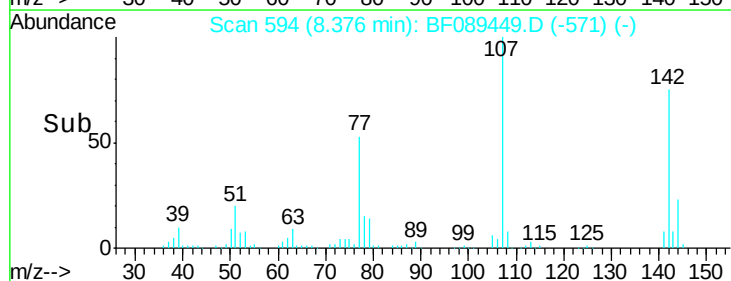
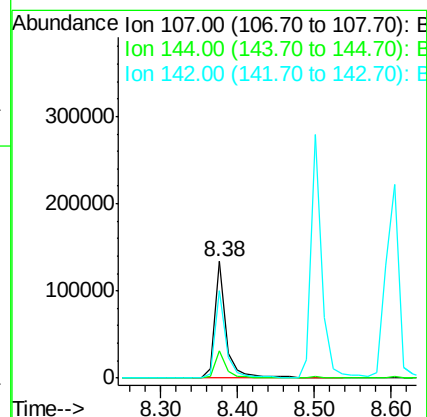
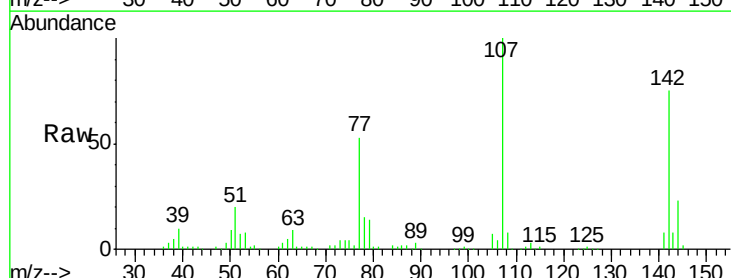
RT: 8.38 min Scan# 594

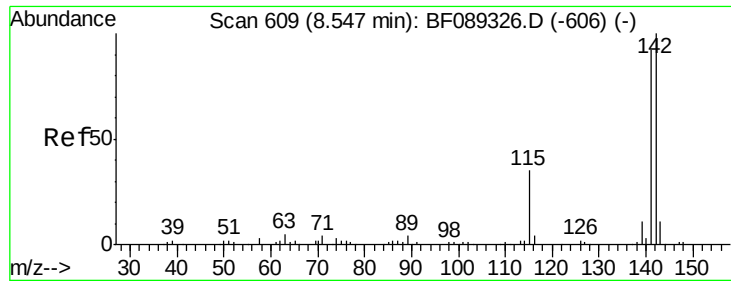
Delta R.T. -0.03 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Tgt Ion:107 Resp: 138609
 Ion Ratio Lower Upper
 107 100
 144 23.5 18.4 27.6
 142 75.3 58.6 87.8





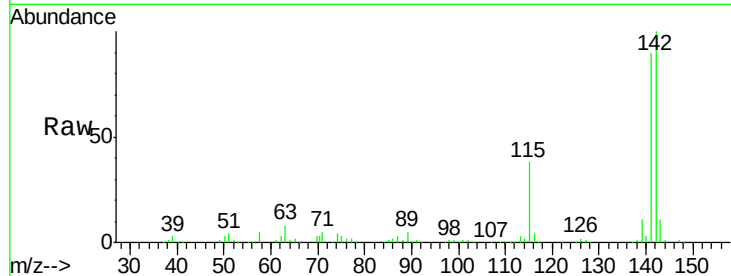
#37
2-Methylnaphthalene
Concen: 42.57 ng
RT: 8.50 min Scan# 605
Delta R.T. -0.05 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

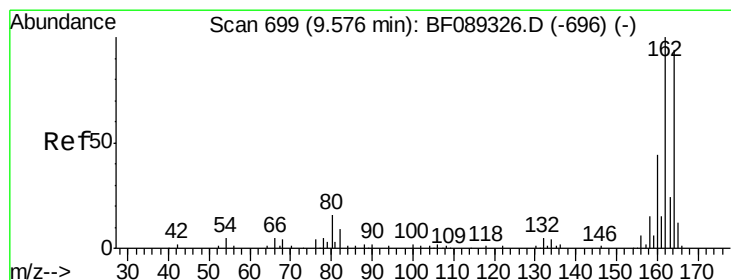
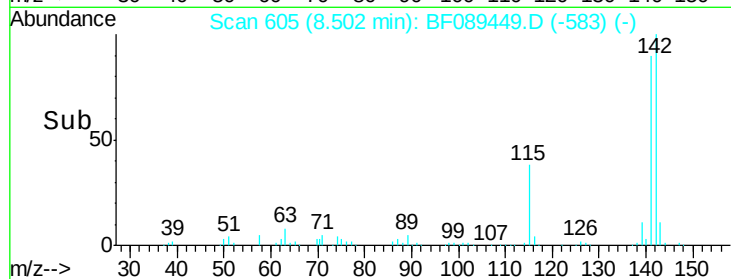
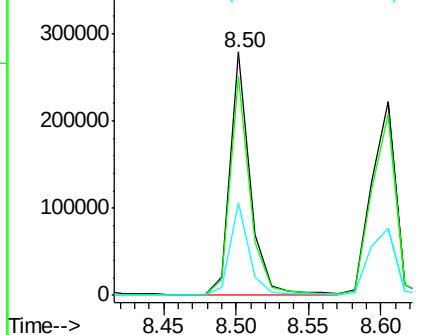
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.9	106.3
115	38.2	27.6	41.4

Manual Integrations
APPROVED

sohil
8/1/2016 7:18:35 PM

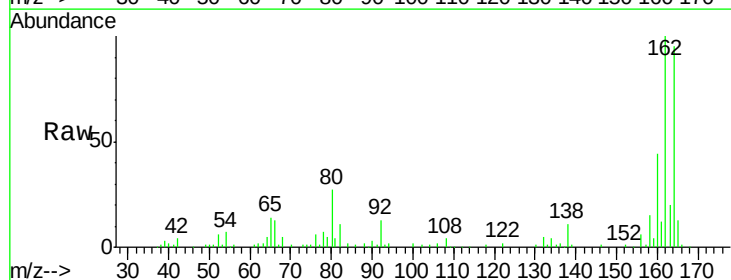


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

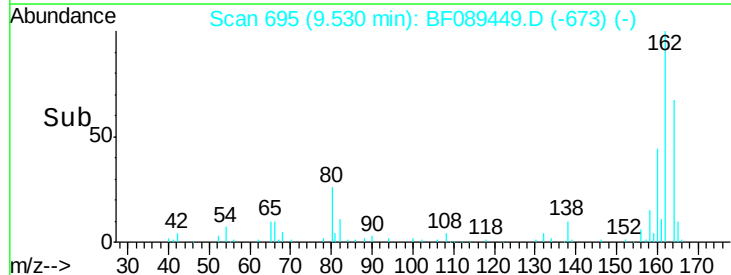
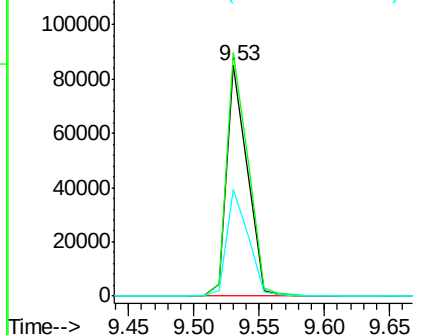


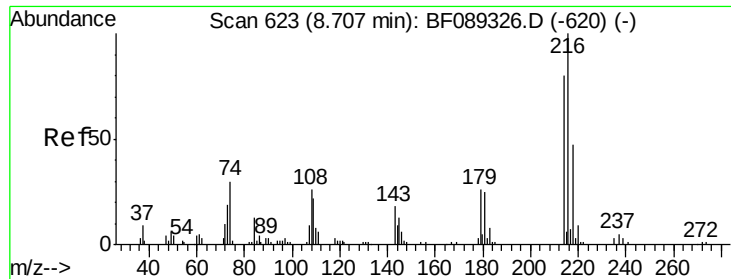
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.05 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.7	83.7	125.5
160	46.4	37.8	56.6



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





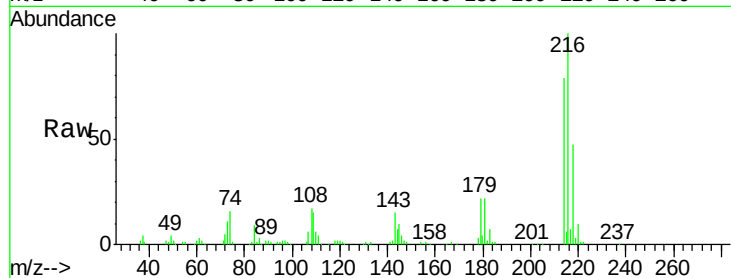
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.72 ng
 RT: 8.67 min Scan# 620
 Delta R.T. -0.03 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

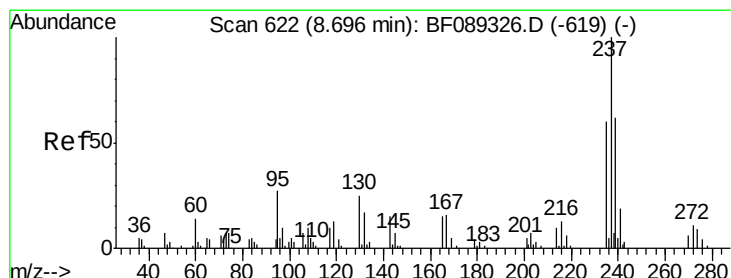
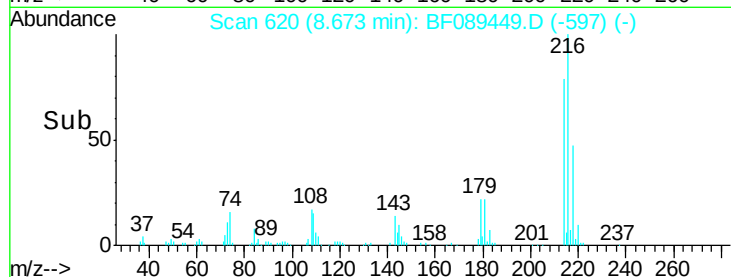
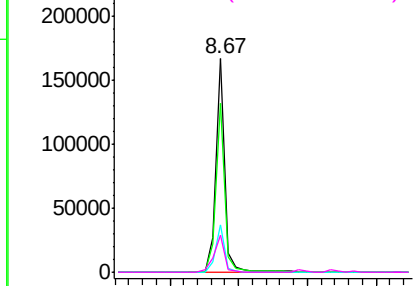
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		152869		
214	78.5	63.3	94.9		
179	22.8	18.1	27.1		
108	19.7	17.2	25.8		

Manual Integrations
 APPROVED

sohil
 8/1/2016 7:18:35 PM

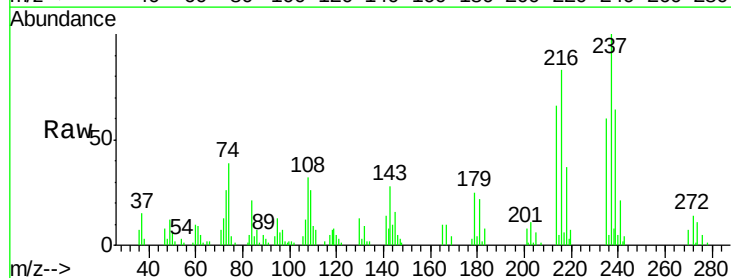


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

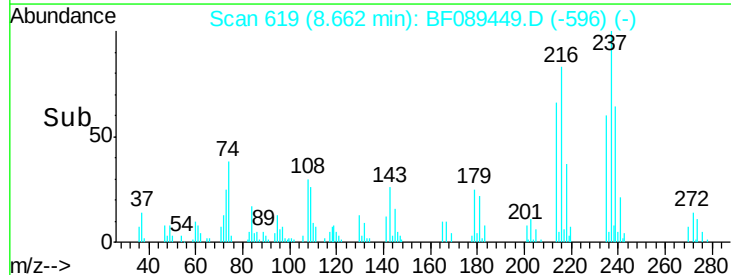
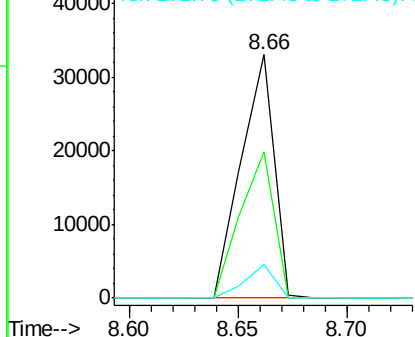


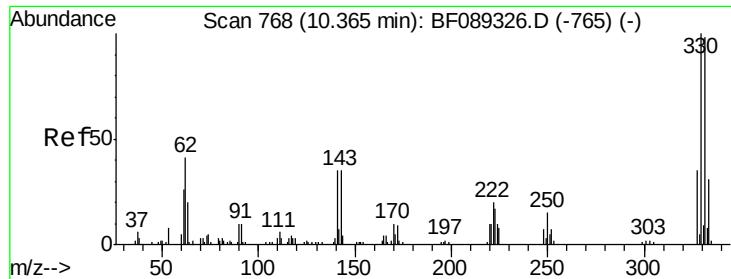
#40
 Hexachlorocyclopentadiene
 Concen: 41.96 ng
 RT: 8.66 min Scan# 619
 Delta R.T. -0.03 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		34684		
235	60.3	41.6	81.6		
272	13.6	0.0	30.8		



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





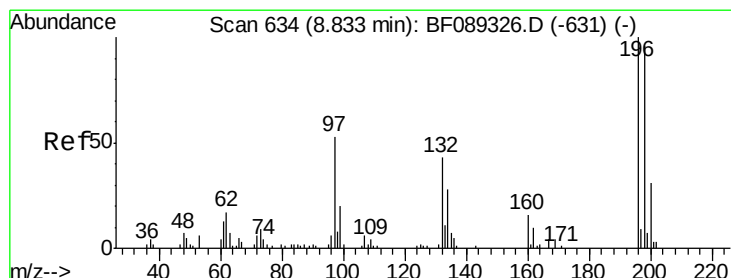
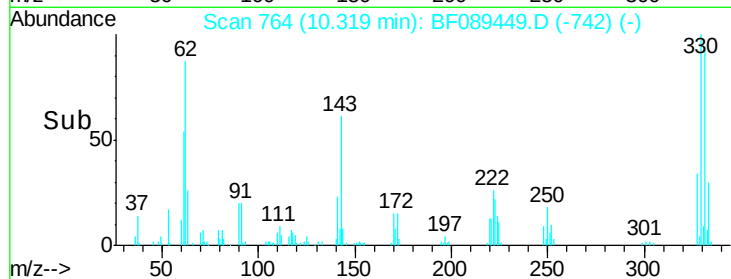
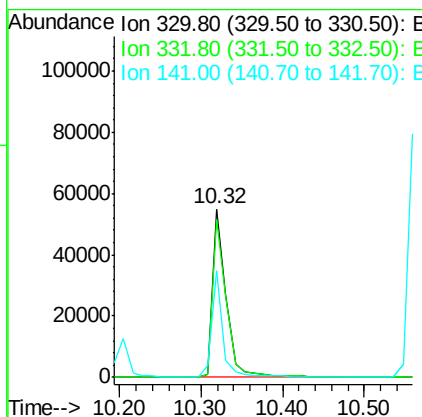
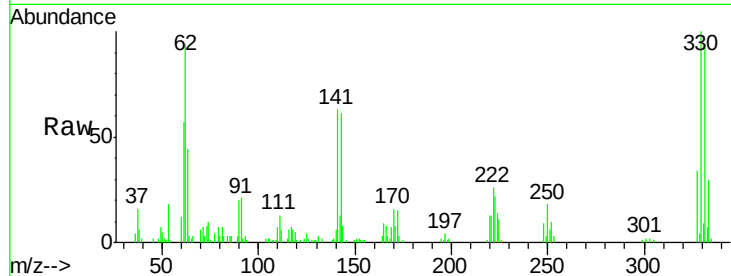
#41
 2,4,6-Tribromophenol
 Concen: 83.34 ng
 RT: 10.32 min Scan# 764
 Delta R.T. -0.05 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.8	115.2
141	52.4	37.3	55.9

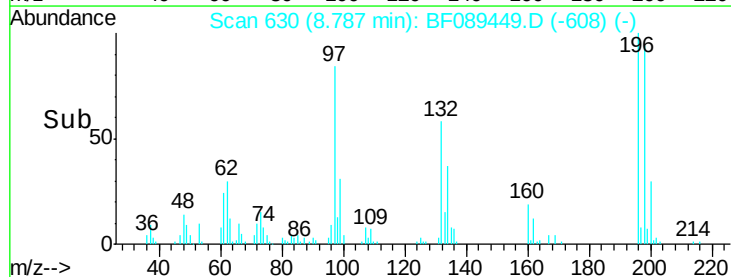
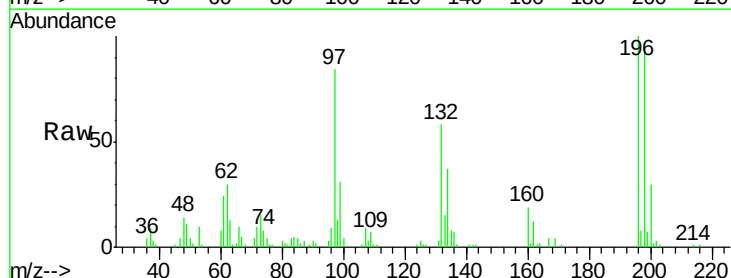
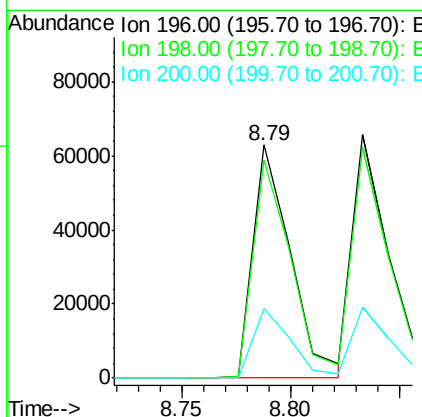
Manual Integrations
 APPROVED

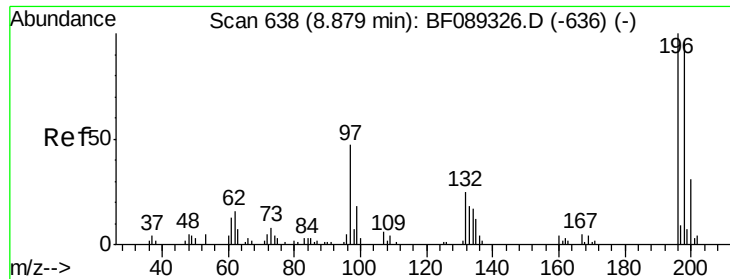
sohil
 8/1/2016 7:18:35 PM



#42
 2,4,6-Trichlorophenol
 Concen: 48.65 ng
 RT: 8.79 min Scan# 630
 Delta R.T. -0.05 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.8	75.5	113.3
200	29.9	23.9	35.9





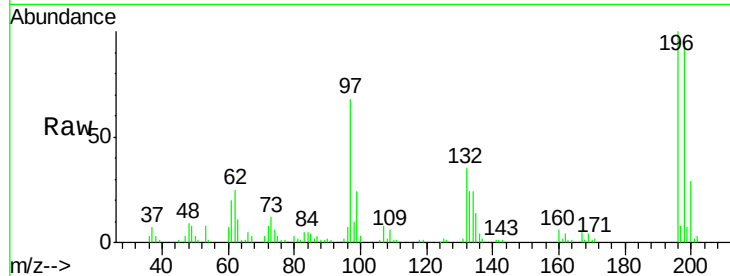
#43
 2,4,5-Trichlorophenol
 Concen: 42.09 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.05 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

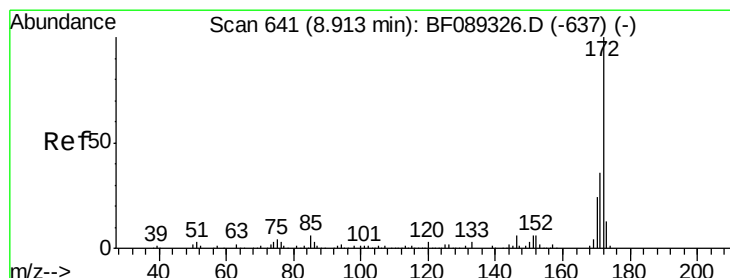
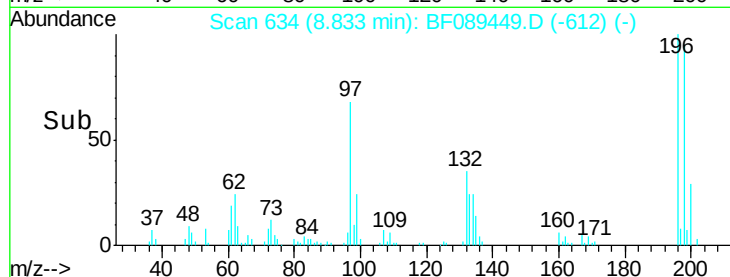
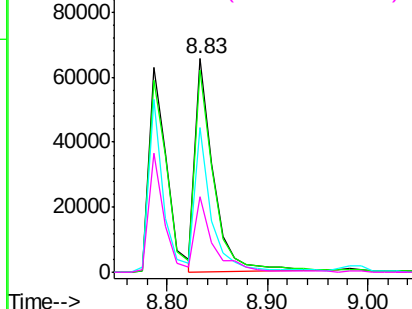
Tot Ion:	196	Resp:	82941
Ion Ratio	Lower	Upper	
196	100		
198	94.7	78.7	118.1
97	68.0	39.7	59.5#
132	35.2	22.8	34.2#

Manual Integrations
 APPROVED

sohil
 8/1/2016 7:18:35 PM

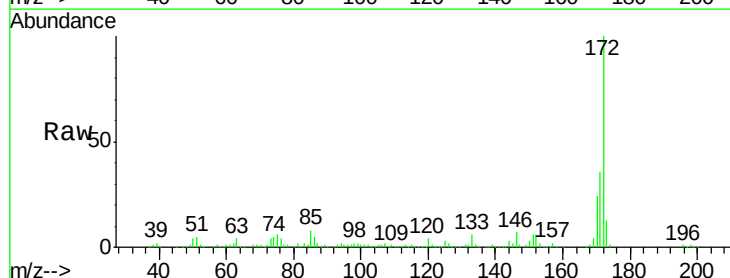


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

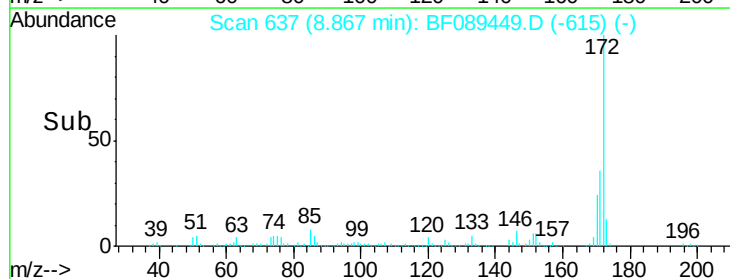
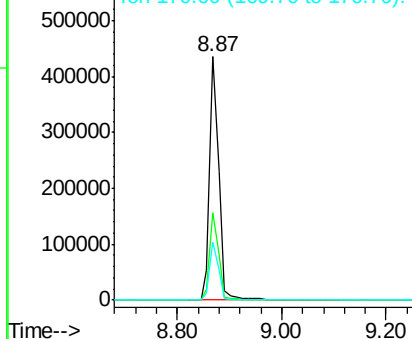


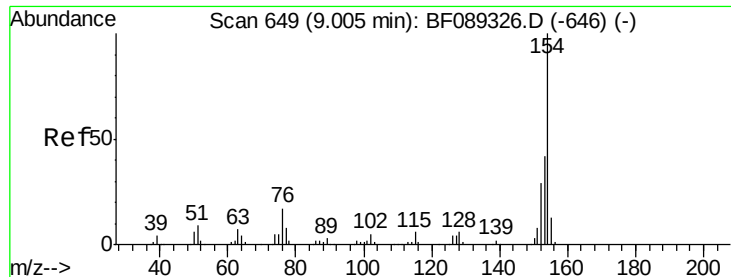
#44
 2-Fluorobiphenyl
 Concen: 83.20 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.05 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Tgt Ion:	172	Resp:	530110
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.2	43.8
170	23.7	19.2	28.8



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





#45

1,1'-Biphenyl

Concen: 45.96 ng

RT: 8.97 min Scan# 646

Delta R.T. -0.03 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Instrument :

BNA_F

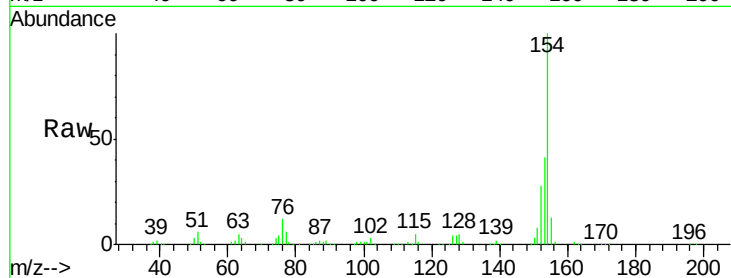
ClientSampleId :

SSTDCCC040

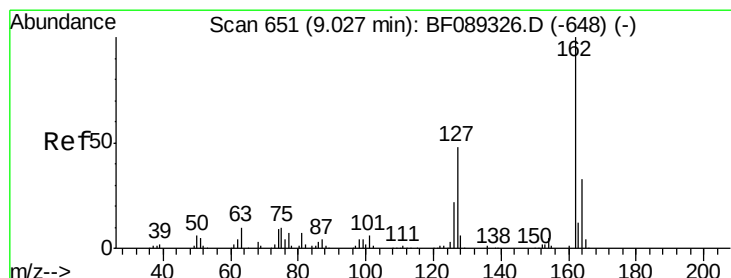
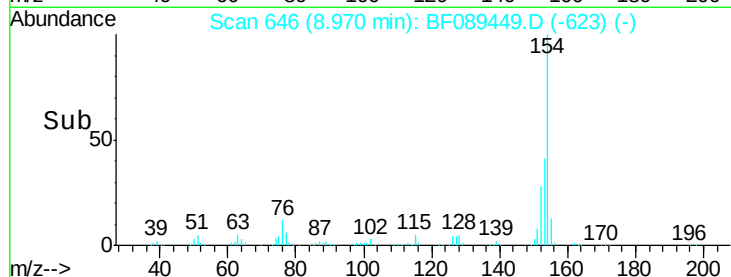
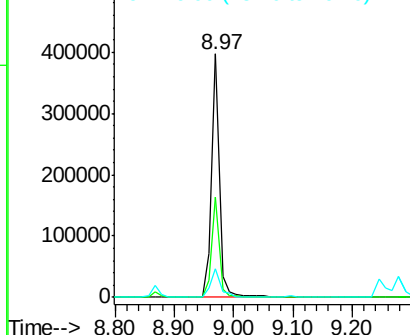
Tot Ion:	154	Resp:	365915
Ion Ratio	Lower	Upper	
154	100		
153	41.0	21.0	61.0
76	11.8	0.0	36.6

Manual Integrations
APPROVED

sohil
8/1/2016 7:18:35 PM



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



#46

2-Chloronaphthalene

Concen: 45.56 ng

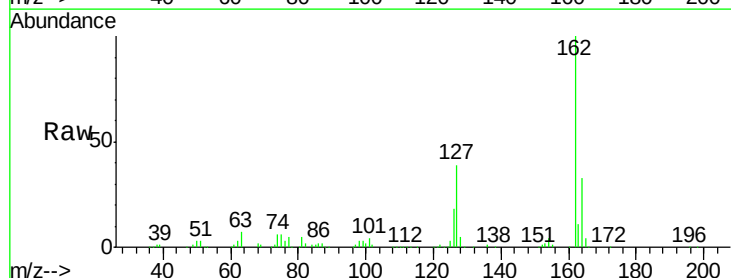
RT: 8.99 min Scan# 648

Delta R.T. -0.03 min

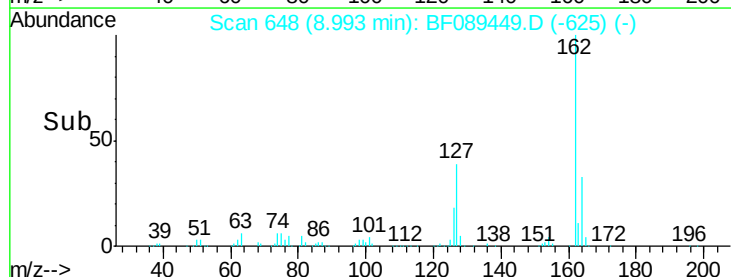
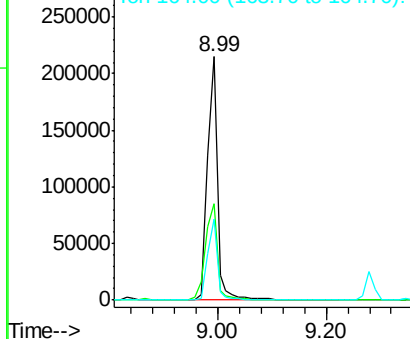
Lab File: BF089449.D

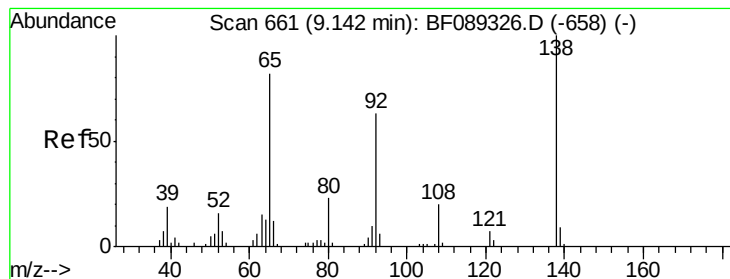
Acq: 30 Jul 2016 13:13

Tgt Ion:	162	Resp:	272383
Ion Ratio	Lower	Upper	
162	100		
127	39.5	37.8	56.8
164	33.3	25.8	38.8



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





#47

2-Nitroaniline

Concen: 50.46 ng

RT: 9.10 min Scan# 657

Delta R.T. -0.05 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 65 Resp: 89345

Ion Ratio Lower Upper

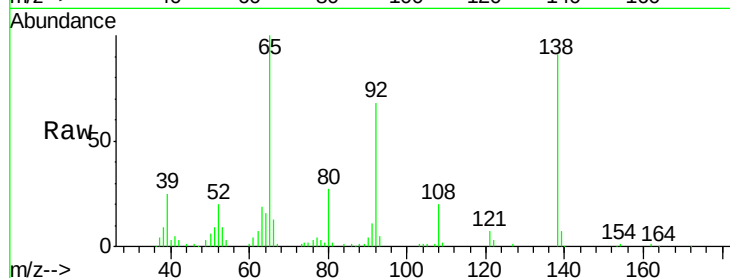
65 100

92 67.9 61.0 91.4

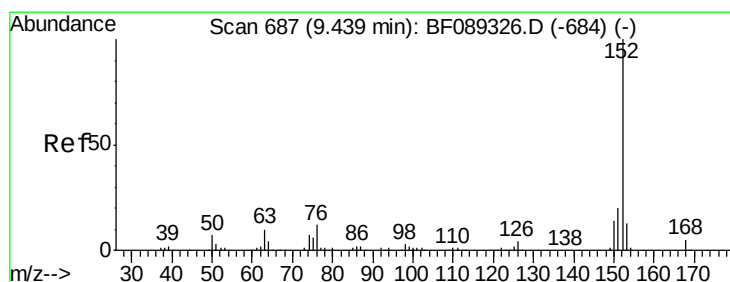
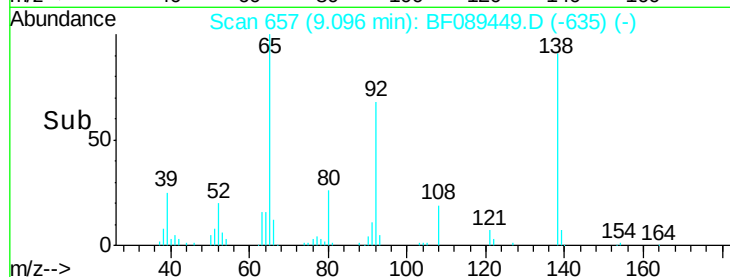
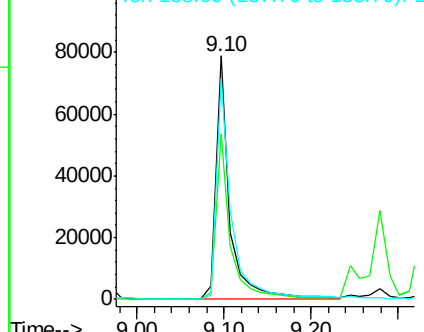
138 90.8 99.1 148.7#

Manual Integrations
APPROVED

sohil
8/1/2016 7:18:35 PM



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



#48

Acenaphthylene

Concen: 42.65 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.05 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

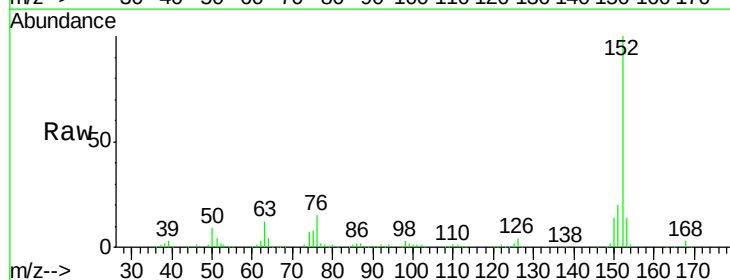
Tgt Ion: 152 Resp: 401666

Ion Ratio Lower Upper

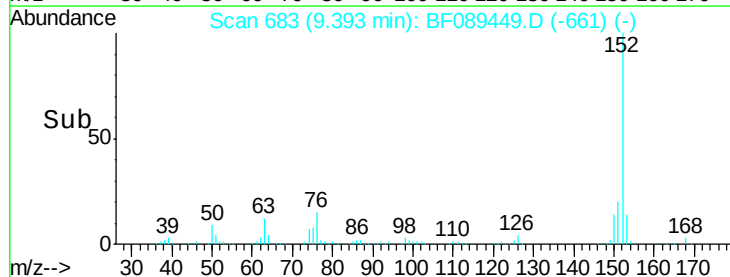
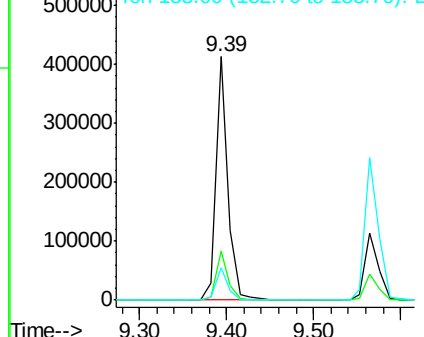
152 100

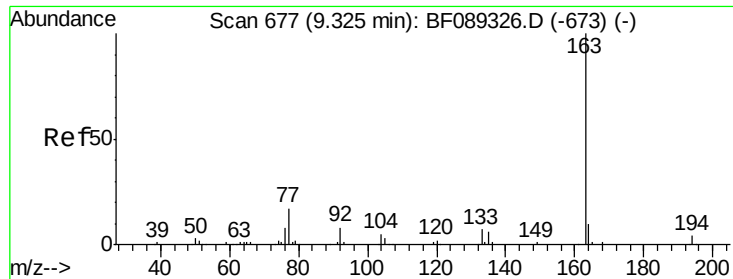
151 20.2 16.2 24.2

153 13.6 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





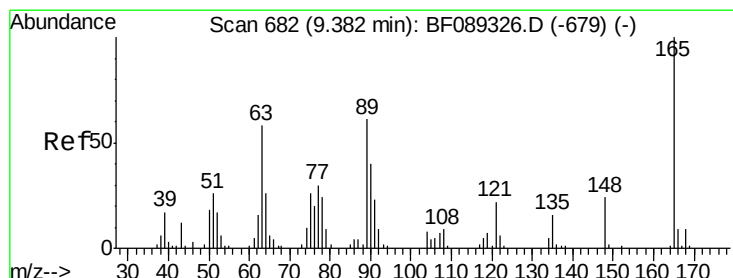
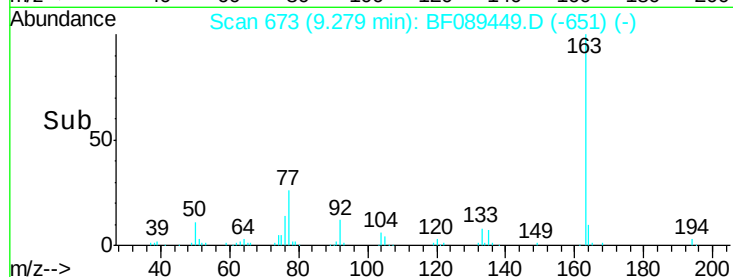
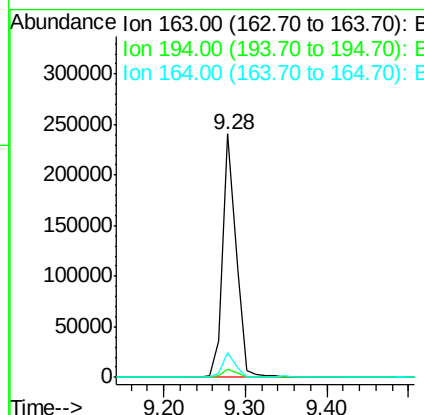
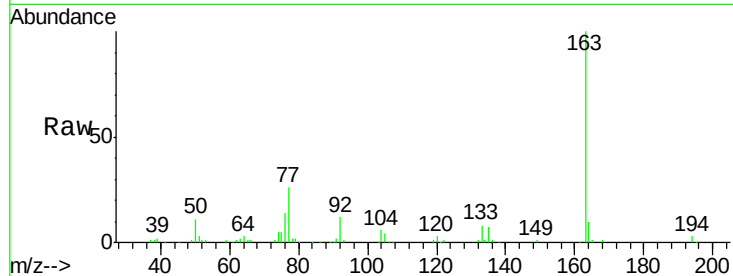
#49
Dimethylphthalate
Concen: 38.50 ng
RT: 9.28 min Scan# 673
Delta R.T. -0.05 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	274020		
194	3.3		2.8	4.2
164	10.4		7.8	11.8

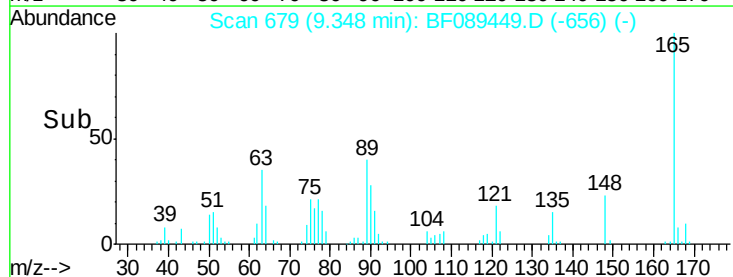
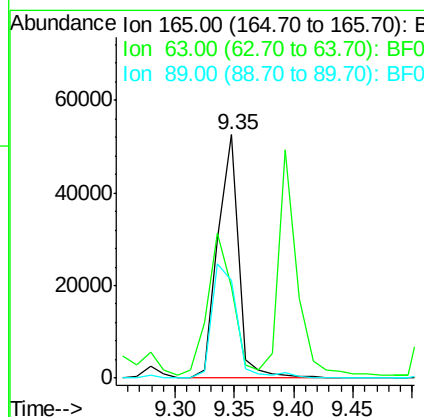
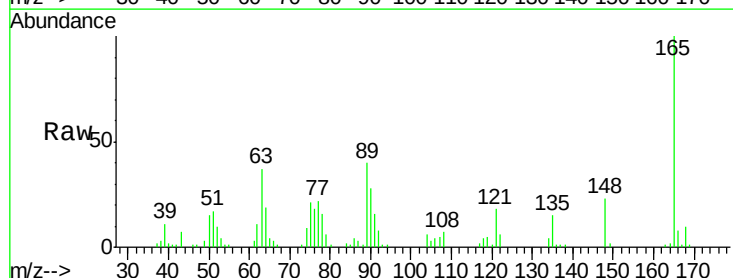
Manual Integrations
APPROVED

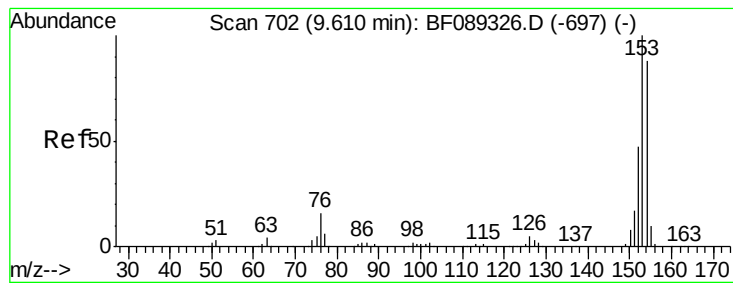
sohil
8/1/2016 7:18:35 PM



#50
2,6-Dinitrotoluene
Concen: 43.29 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.03 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	63307		
63	37.3		43.5	65.3#
89	40.3		45.0	67.4#





#51

Acenaphthene

Concen: 40.70 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.05 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Instrument :

BNA_F

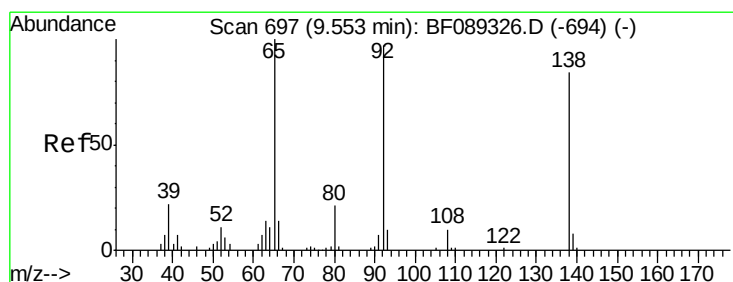
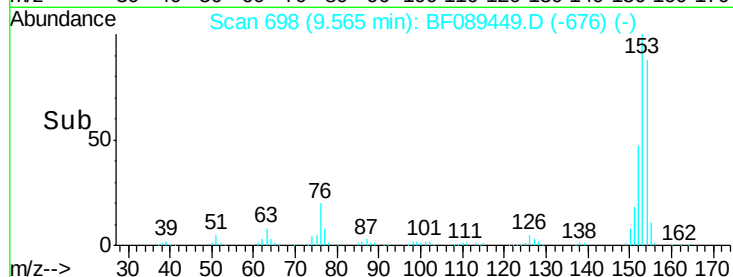
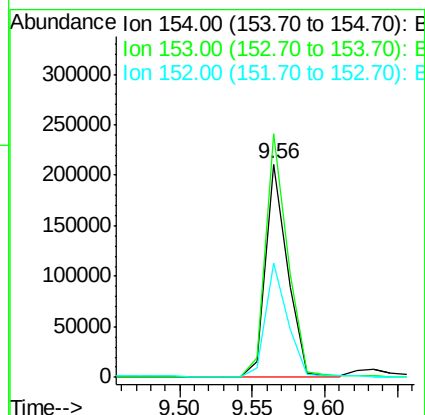
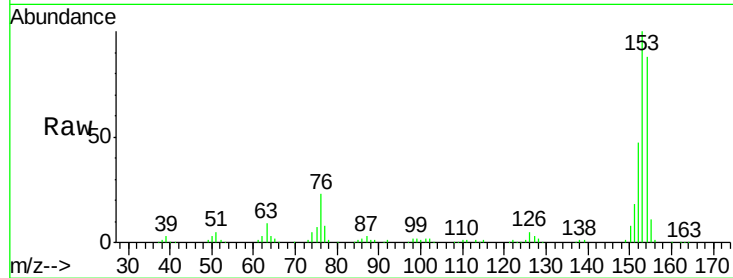
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	223869
Ion	Ratio	Lower	Upper
154	100		
153	114.2	91.4	137.2
152	53.9	43.8	65.6

Manual Integrations
APPROVED

sohil
8/1/2016 7:18:35 PM



#52

3-Nitroaniline

Concen: 49.88 ng

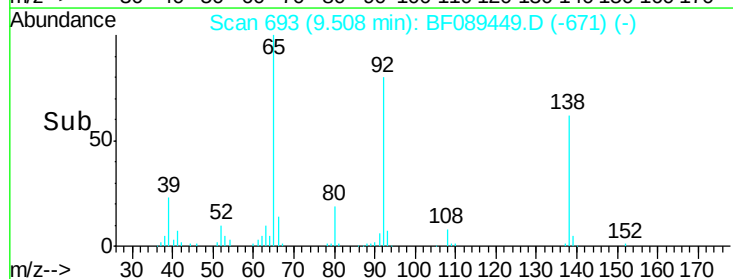
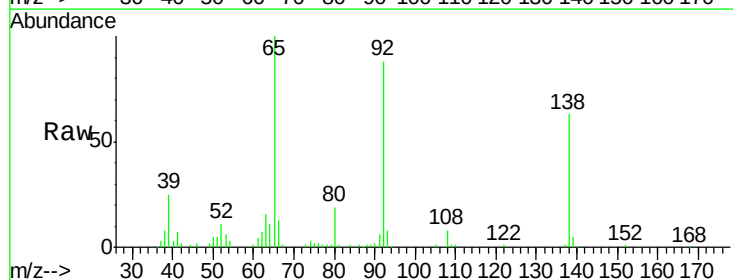
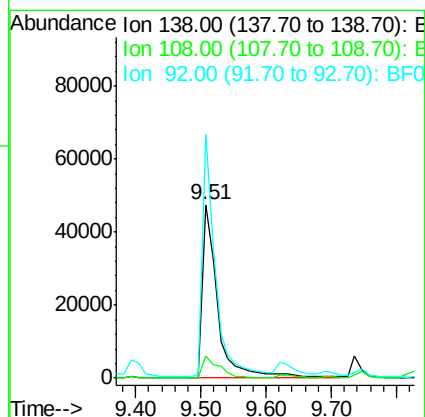
RT: 9.51 min Scan# 693

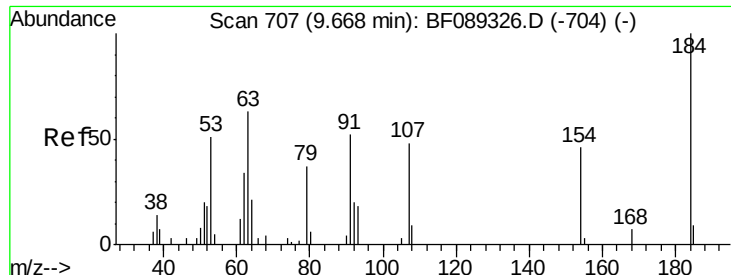
Delta R.T. -0.05 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Tgt Ion:	138	Resp:	76973
Ion	Ratio	Lower	Upper
138	100		
108	12.5	8.6	13.0
92	140.5	90.0	135.0#





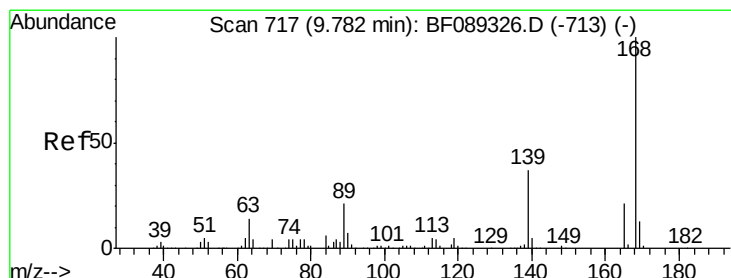
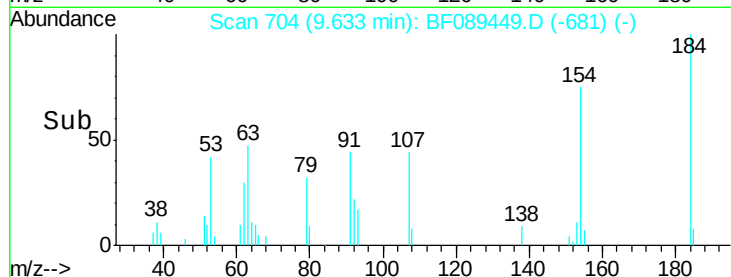
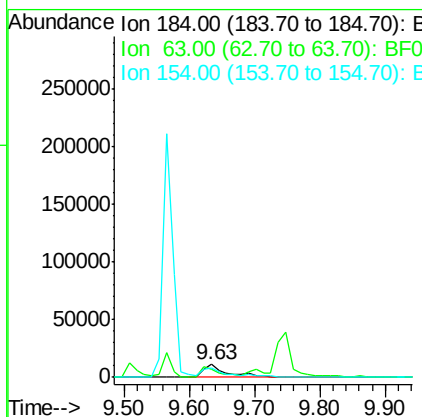
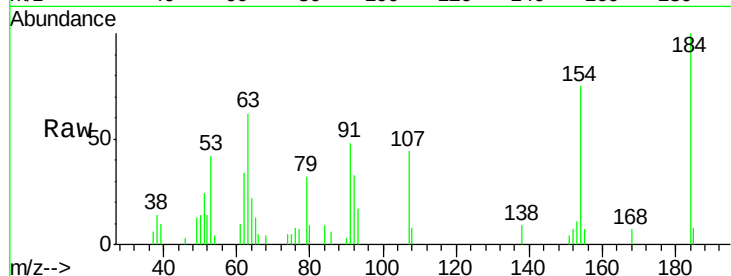
#53
2,4-Dinitrophenol
Concen: 53.00 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.03 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	29106		
63	62.3	60.6	90.8	
154	74.5	69.8	104.8	

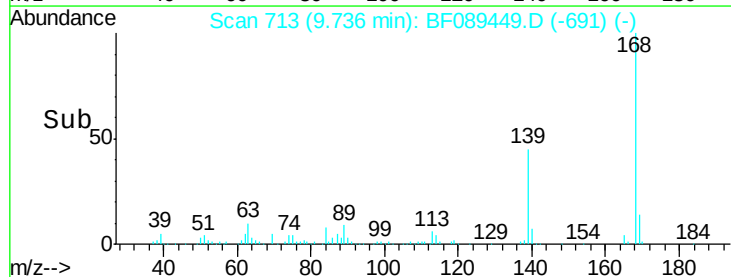
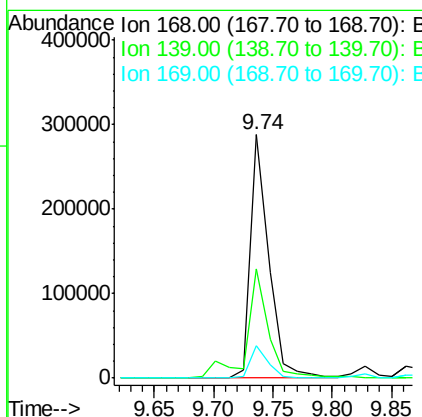
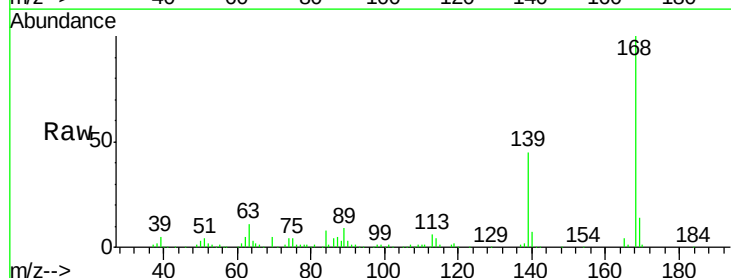
Manual Integrations
APPROVED

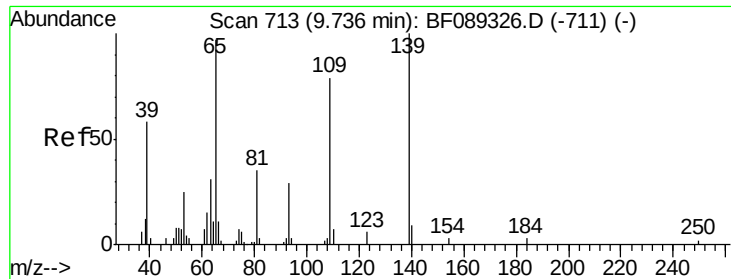
sohil
8/1/2016 7:18:35 PM



#54
Dibenzofuran
Concen: 41.91 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.05 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	314069		
139	44.9	33.7	50.5	
169	13.6	10.7	16.1	





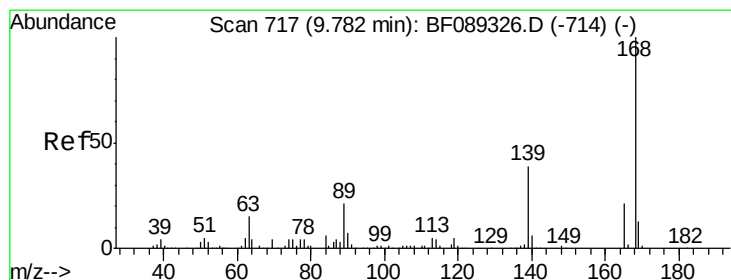
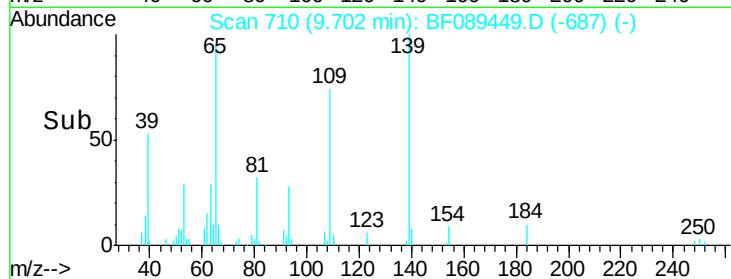
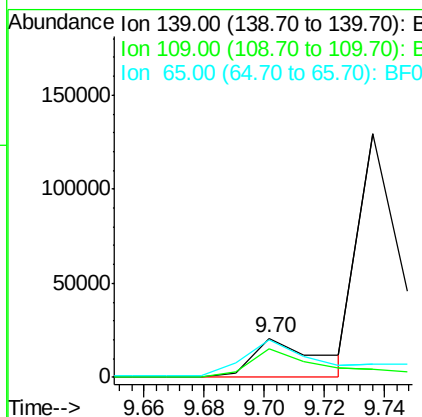
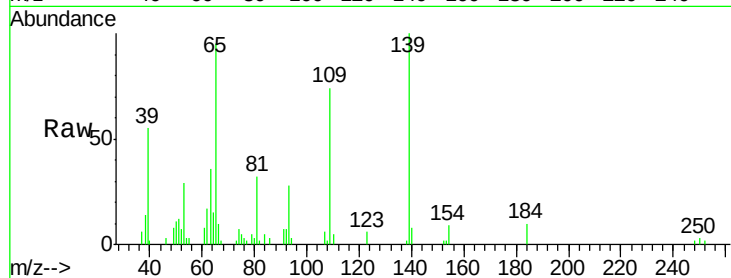
#55
4-Nitrophenol
Concen: 45.50 ng/ml
RT: 9.70 min Scan# 710
Delta R.T. -0.03 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	74.1	57.8	97.8
65	95.0	81.7	121.7

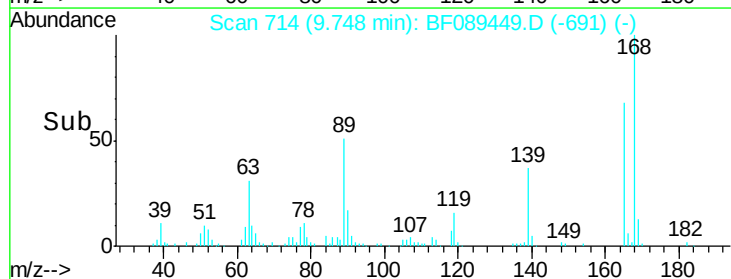
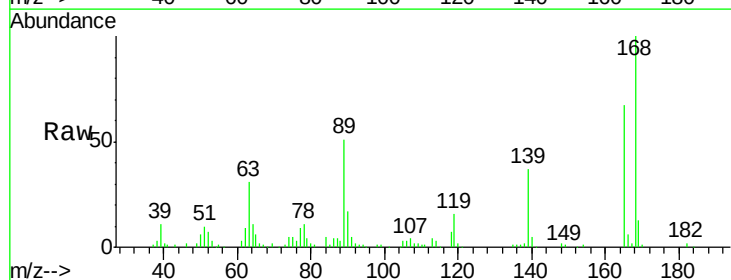
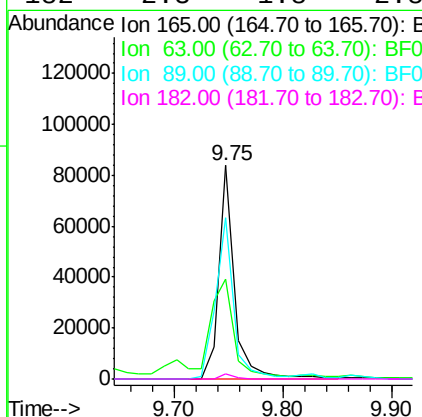
Manual Integrations
APPROVED

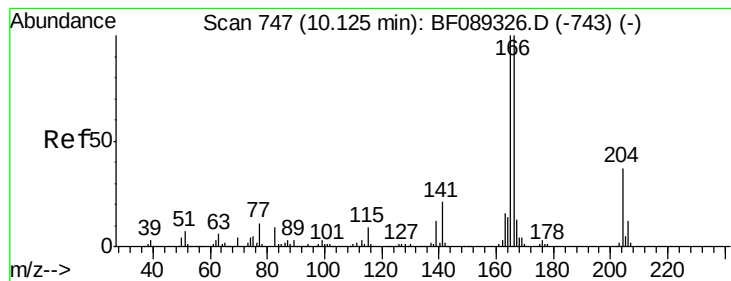
sohil
8/1/2016 7:18:35 PM



#56
2,4-Dinitrotoluene
Concen: 44.47 ng/ml
RT: 9.75 min Scan# 714
Delta R.T. -0.03 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.7	58.2	87.2#
89	75.8	79.1	118.7#
182	2.3	1.8	2.8





#57

Fluorene

Concen: 42.27 ng

RT: 10.08 min Scan# 743

Delta R.T. -0.05 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Instrument :

BNA_F

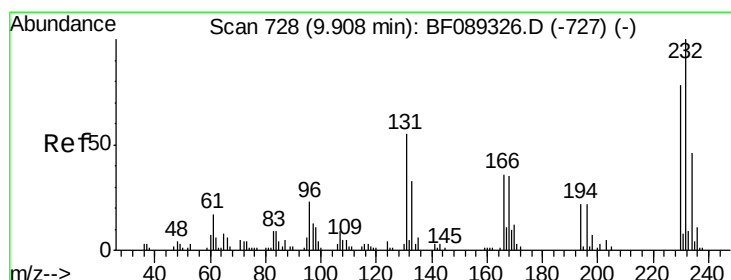
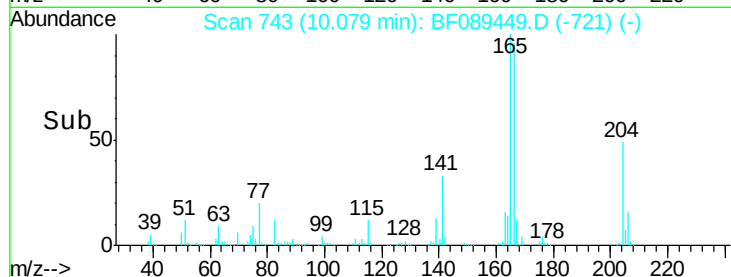
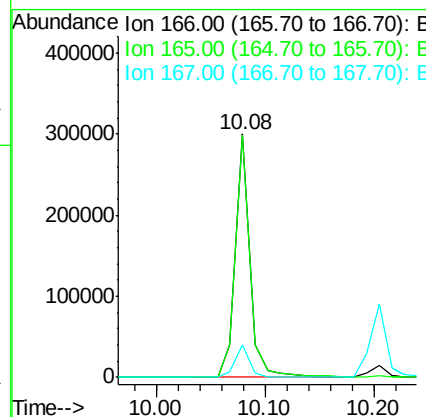
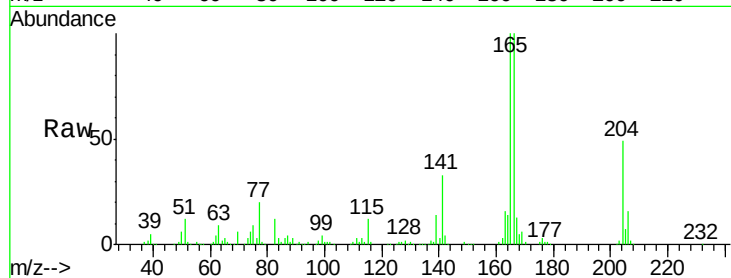
ClientSampleId :

SSTDCCC040

Tot Ion:	166	Resp:	276509
Ion Ratio	Lower	Upper	
166	100		
165	99.6	79.0	118.4
167	13.2	10.2	15.2

Manual Integrations
APPROVED

sohil
8/1/2016 7:18:35 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.52 ng

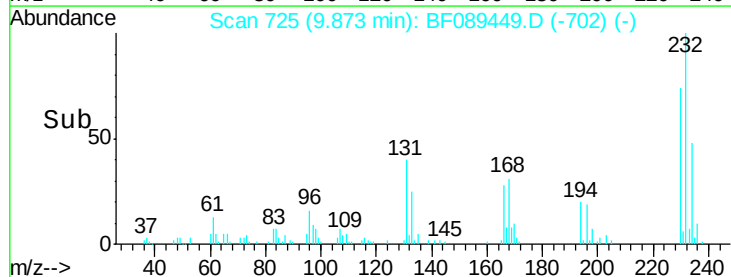
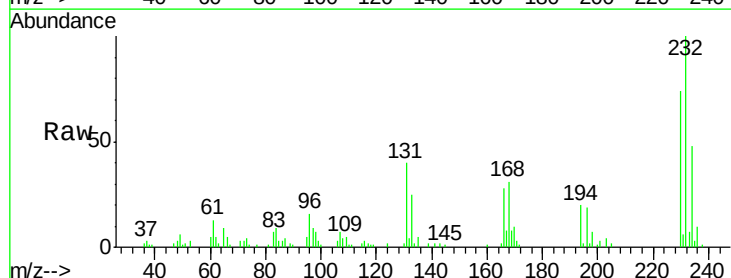
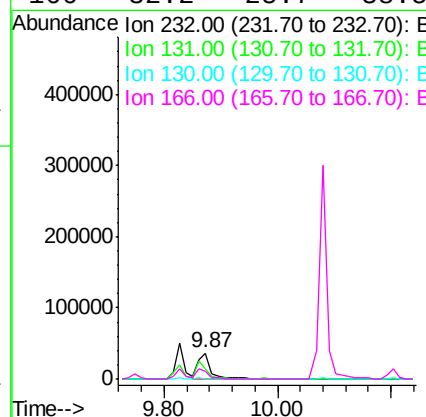
RT: 9.87 min Scan# 725

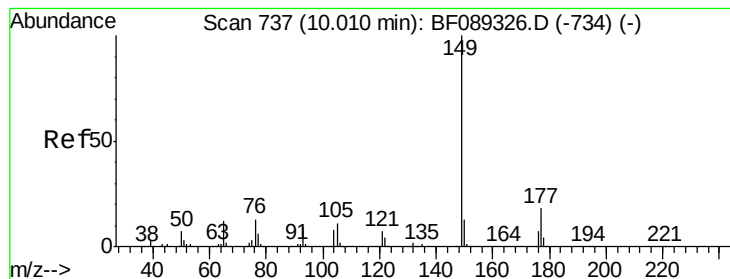
Delta R.T. -0.03 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Tgt Ion:	232	Resp:	59887
Ion Ratio	Lower	Upper	
232	100		
131	55.3	42.7	64.1
130	2.5	1.7	2.5
166	32.2	25.7	38.5





#59

Diethylphthalate

Concen: 44.87 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.03 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Instrument :

BNA_F

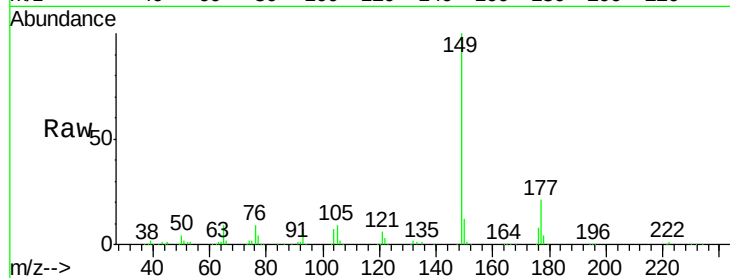
ClientSampleId :

SSTDCCC040

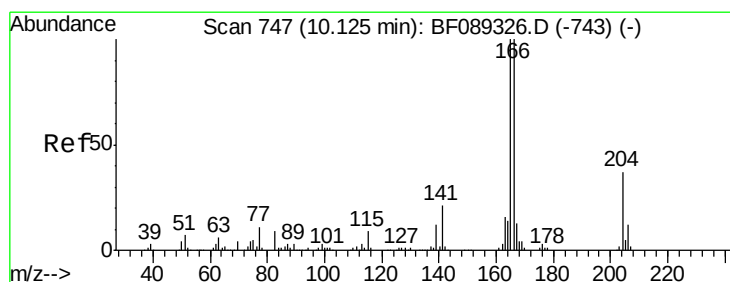
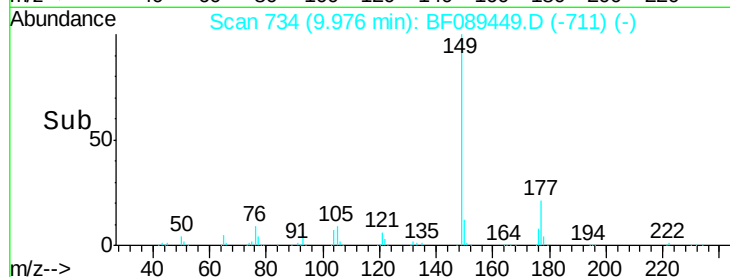
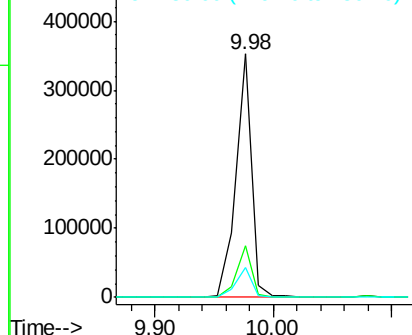
Tot Ion:	149	Resp:	323697
Ion Ratio	Lower	Upper	
149	100		
177	20.9	15.1	22.7
150	12.5	10.2	15.4

Manual Integrations
APPROVED

sohil
8/1/2016 7:18:35 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.15 ng

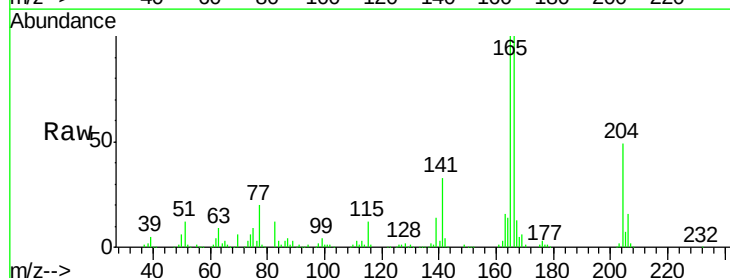
RT: 10.08 min Scan# 743

Delta R.T. -0.05 min

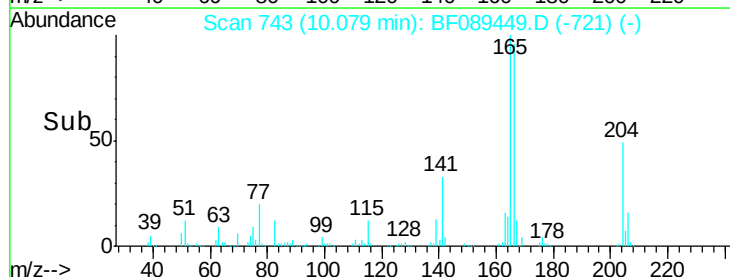
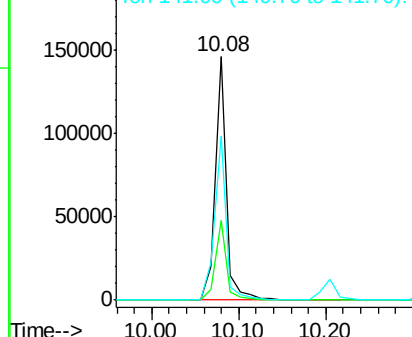
Lab File: BF089449.D

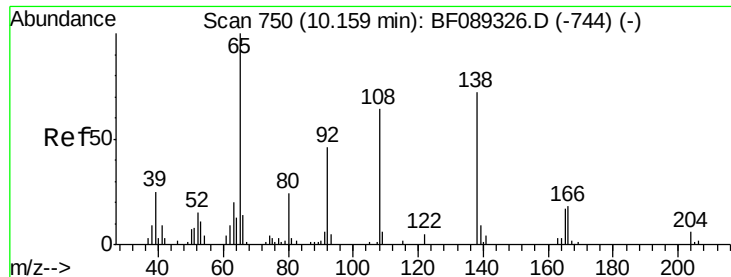
Acq: 30 Jul 2016 13:13

Tgt Ion:	204	Resp:	132488
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.6	39.8
141	67.3	46.6	70.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 45.20 ng

RT: 10.12 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Instrument :

BNA_F

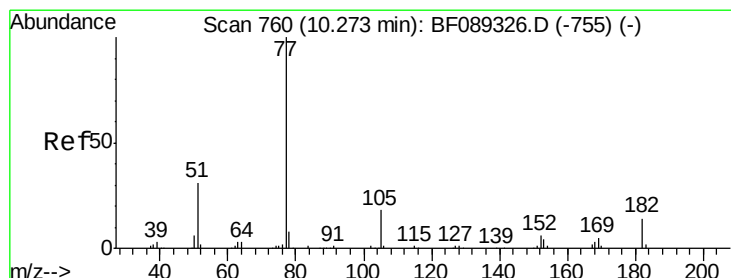
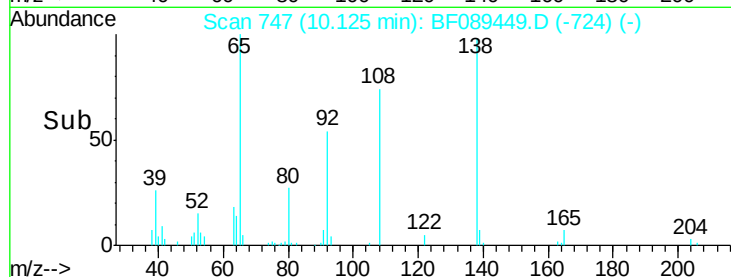
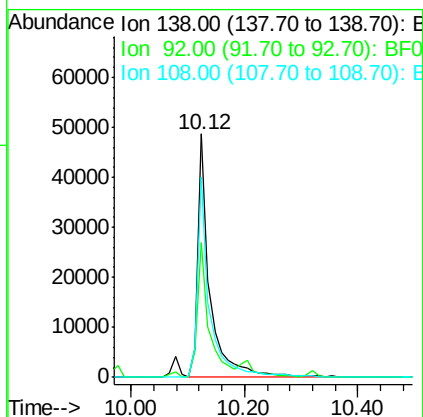
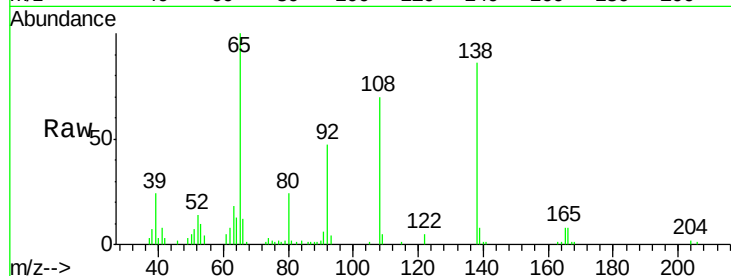
ClientSampleId :

SSTDCCC040

Tot Ion:138 Resp: 71897
 Ion Ratio Lower Upper
 138 100
 92 55.2 41.2 81.2
 108 82.0 69.6 109.6

Manual Integrations
 APPROVED

sohil
 8/1/2016 7:18:35 PM



#62

Azobenzene

Concen: 43.20 ng

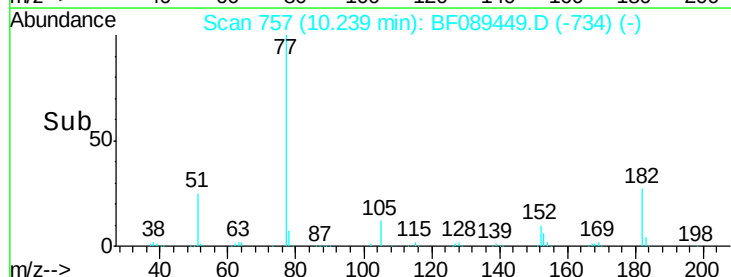
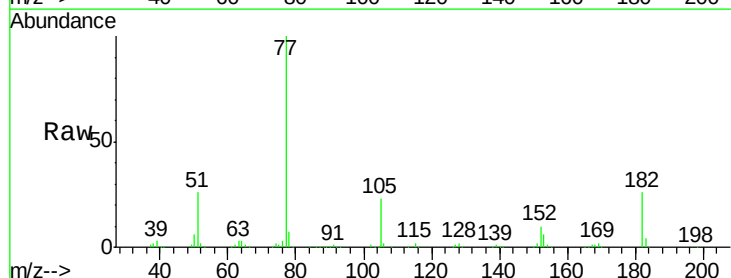
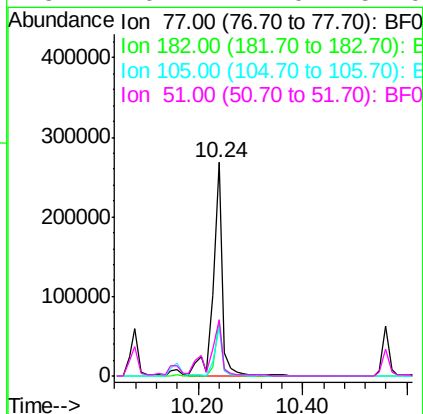
RT: 10.24 min Scan# 757

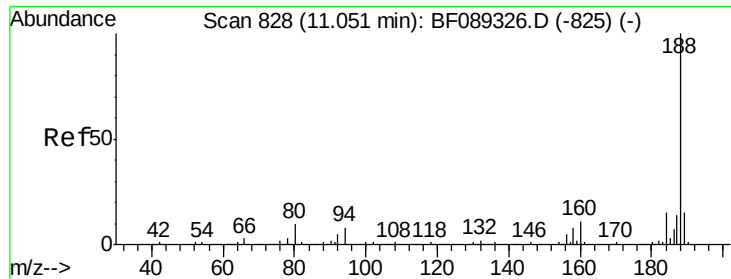
Delta R.T. -0.03 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Tgt Ion: 77 Resp: 320980
 Ion Ratio Lower Upper
 77 100
 182 25.7 0.0 33.8
 105 22.9 0.0 39.8
 51 26.2 11.0 51.0





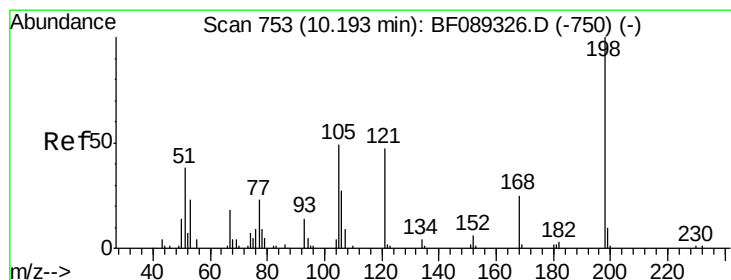
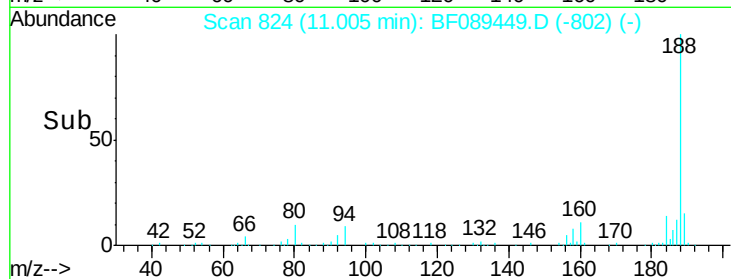
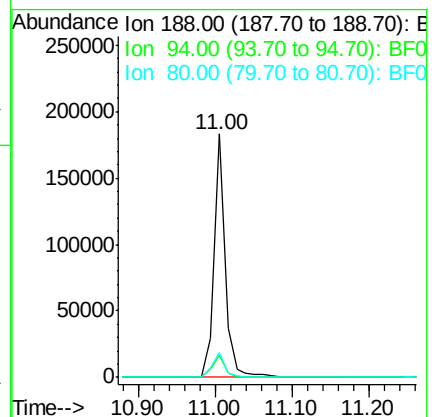
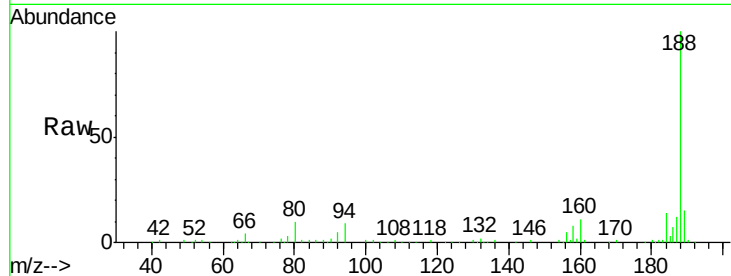
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.00 min Scan# 824
Delta R.T. -0.05 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	183299		
94	8.9		6.5	9.7
80	10.4		7.2	10.8

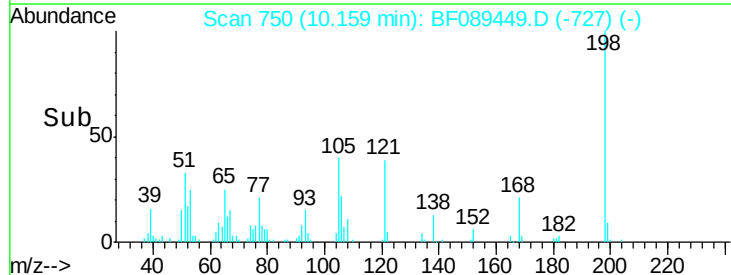
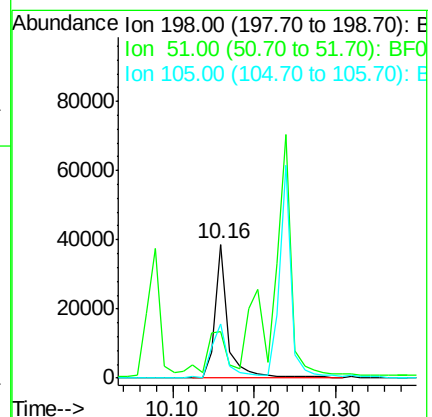
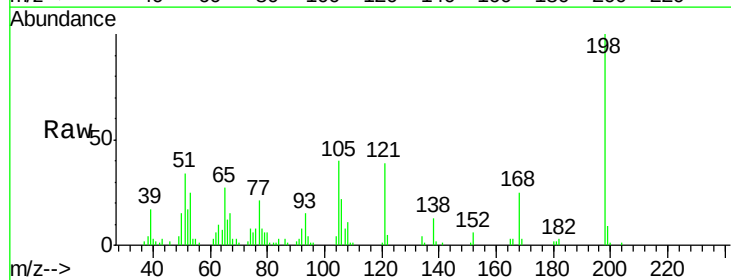
Manual Integrations
APPROVED

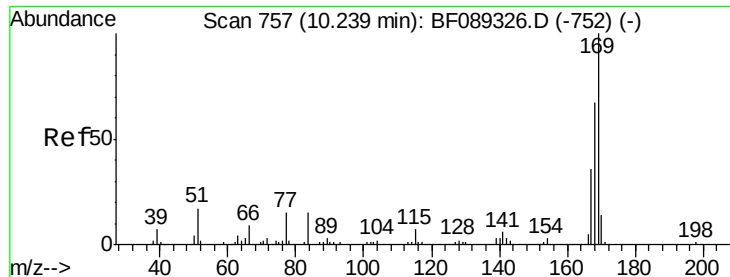
sohil
8/1/2016 7:18:35 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 40.16 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.03 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	43562		
51	34.4		23.0	63.0
105	40.3		28.3	68.3





#65

n-Nitrosodiphenylamine

Concen: 45.34 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.03 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Instrument :

BNA_F

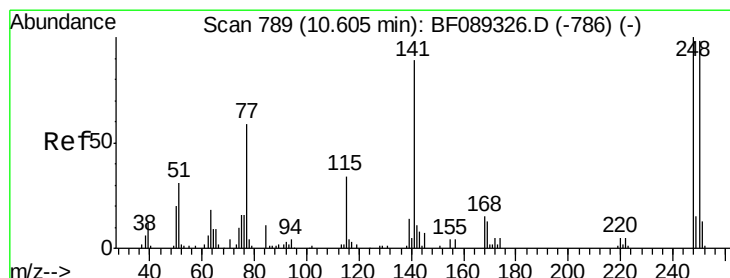
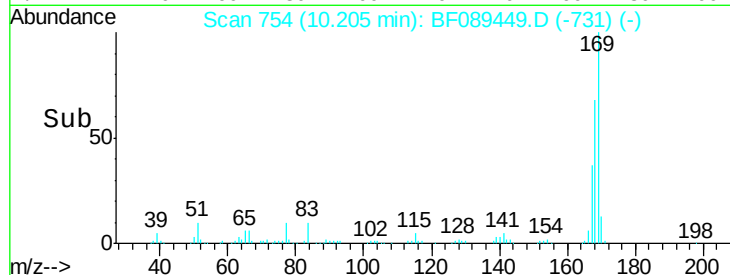
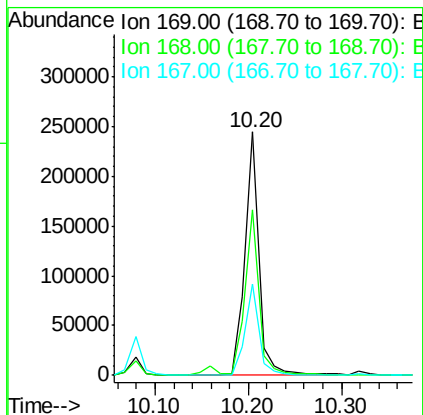
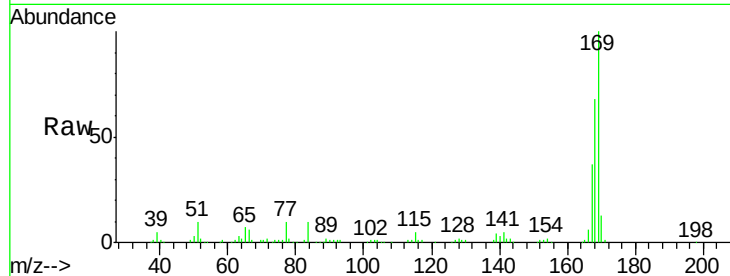
ClientSampleId :

SSTDCCC040

Tot Ion:	169	Resp:	259297
Ion Ratio	Lower	Upper	
169	100		
168	68.1	55.4	83.0
167	37.3	29.7	44.5

Manual Integrations
APPROVED

sohil
8/1/2016 7:18:35 PM



#66

4-Bromophenyl-phenylether

Concen: 39.88 ng

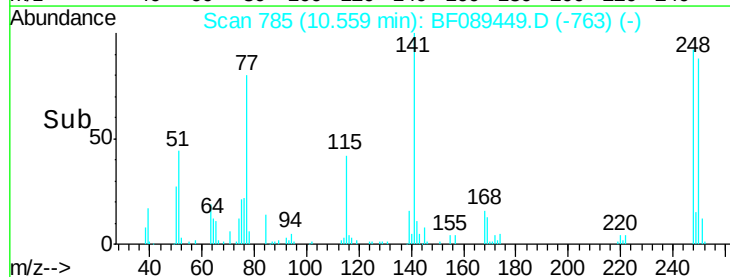
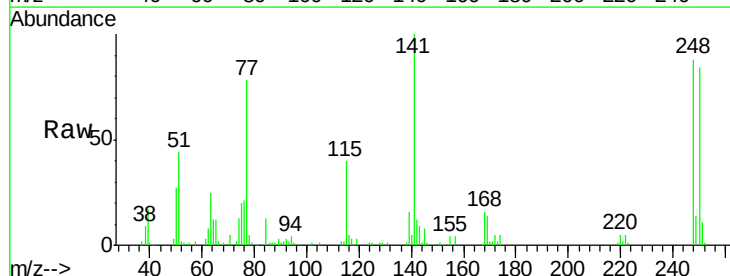
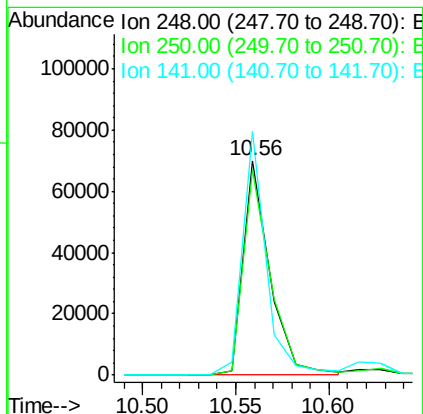
RT: 10.56 min Scan# 785

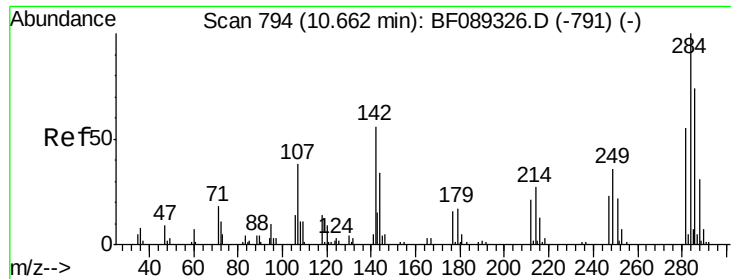
Delta R.T. -0.05 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Tgt Ion:	248	Resp:	69800
Ion Ratio	Lower	Upper	
248	100		
250	95.7	78.2	117.2
141	113.4	62.0	93.0#





#67

Hexachlorobenzene

Concen: 43.97 ng

RT: 10.63 min Scan# 791

Delta R.T. -0.03 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Instrument :

BNA_F

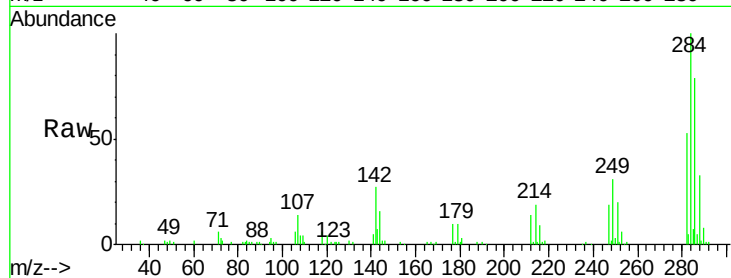
ClientSampleId :

SSTDCCC040

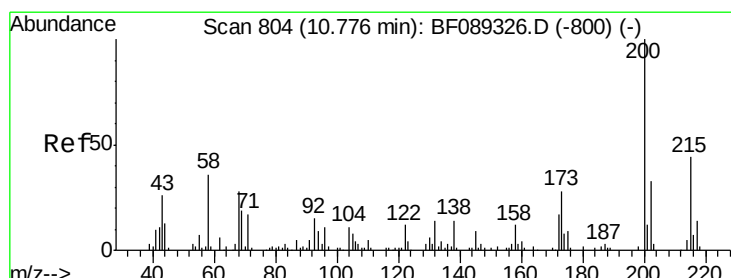
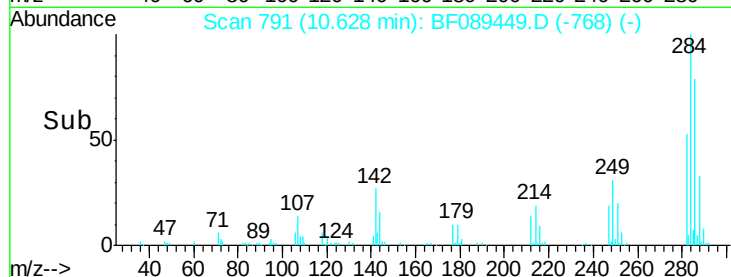
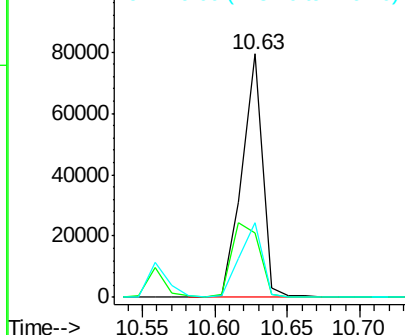
Tot Ion:	284	Resp:	78858
Ion Ratio	Lower	Upper	
284	100		
142	26.7	42.2	63.4#
249	30.8	29.4	44.0

Manual Integrations
APPROVED

sohil
8/1/2016 7:18:35 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: 37.69 ng

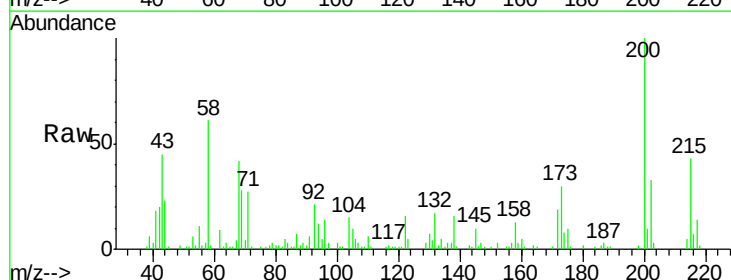
RT: 10.73 min Scan# 800

Delta R.T. -0.05 min

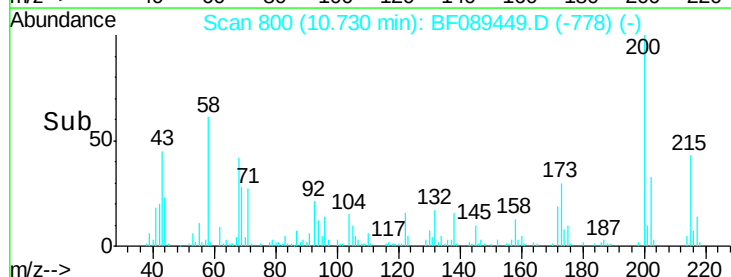
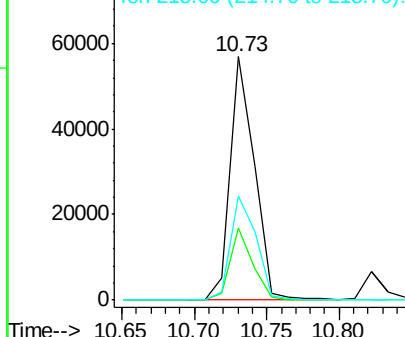
Lab File: BF089449.D

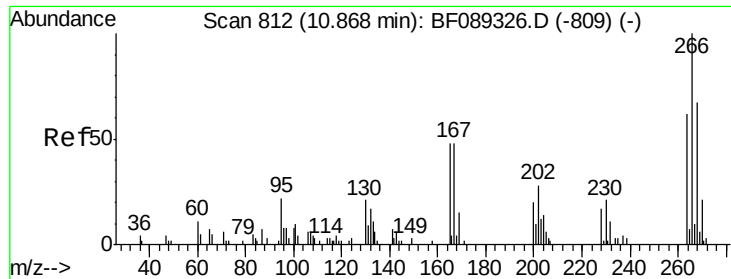
Acq: 30 Jul 2016 13:13

Tgt Ion:	200	Resp:	66221
Ion Ratio	Lower	Upper	
200	100		
173	29.5	6.0	46.0
215	42.8	24.3	64.3



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





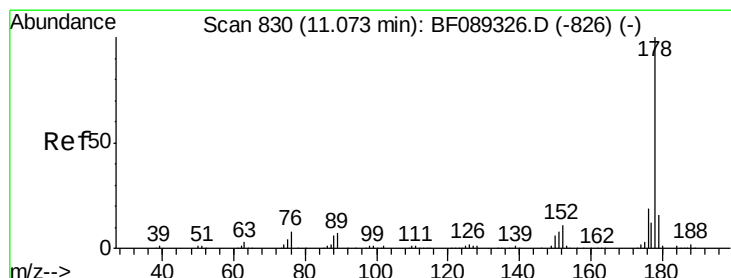
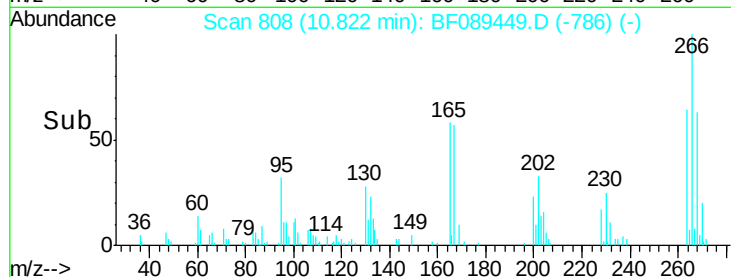
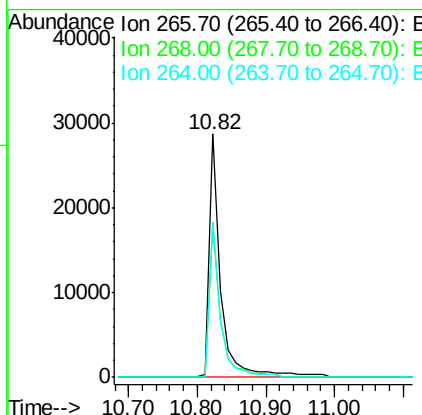
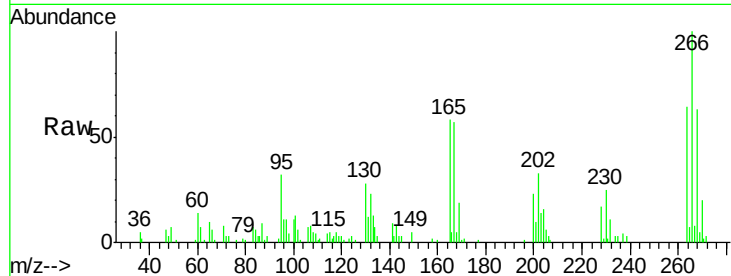
#69
 Pentachlorophenol
 Concen: 42.72 ng
 RT: 10.82 min Scan# 808
 Delta R.T. -0.05 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.0	49.4	74.2
264	63.9	50.2	75.2

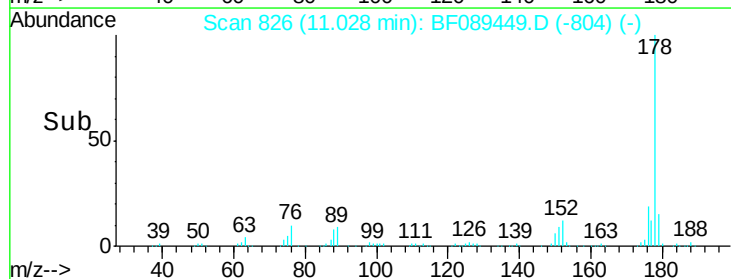
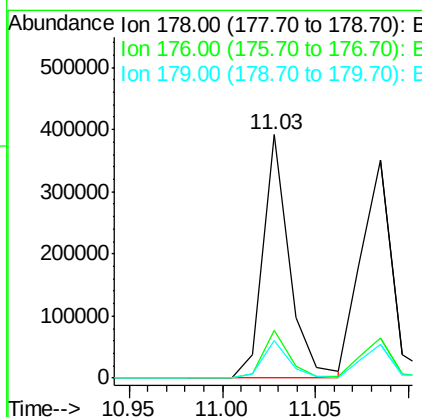
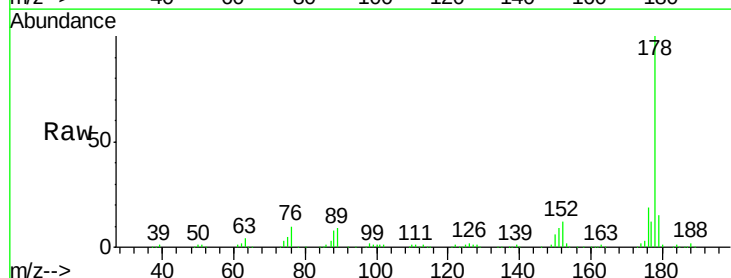
Manual Integrations
 APPROVED

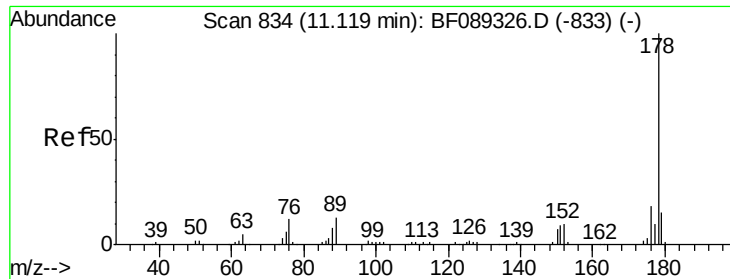
sohil
 8/1/2016 7:18:35 PM



#70
 Phenanthrene
 Concen: 40.16 ng
 RT: 11.03 min Scan# 826
 Delta R.T. -0.05 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.4	12.3	18.5





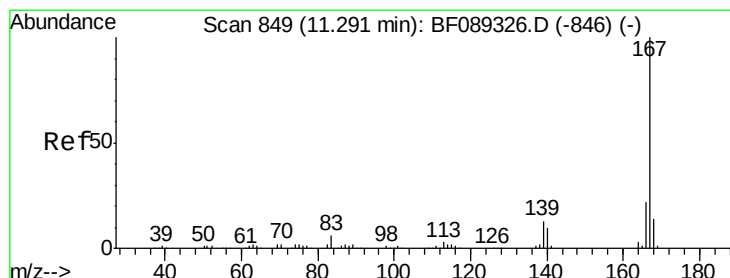
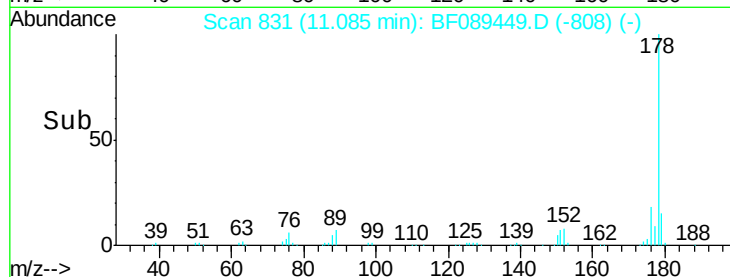
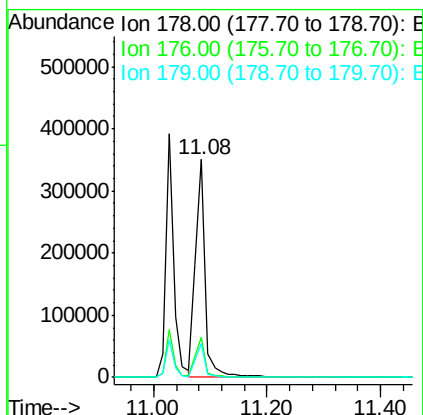
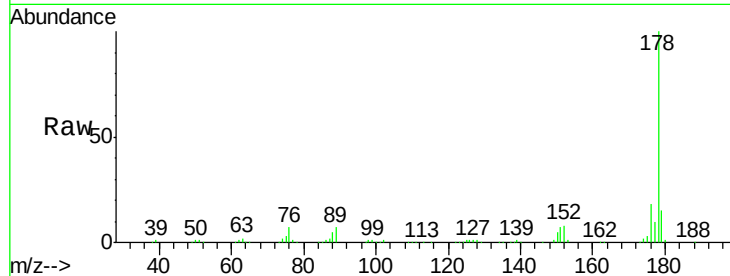
#71
 Anthracene
 Concen: 40.38 ng
 RT: 11.08 min Scan# 831
 Delta R.T. -0.03 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	15.4	12.6	18.8

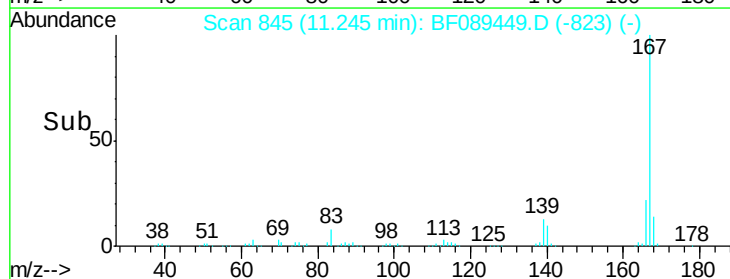
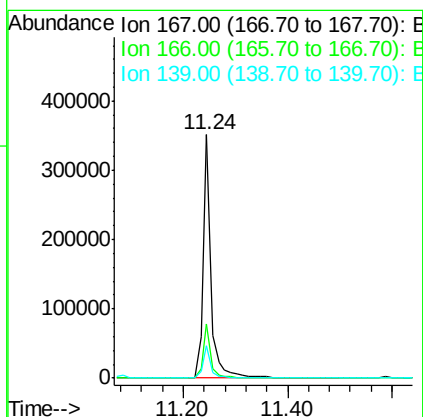
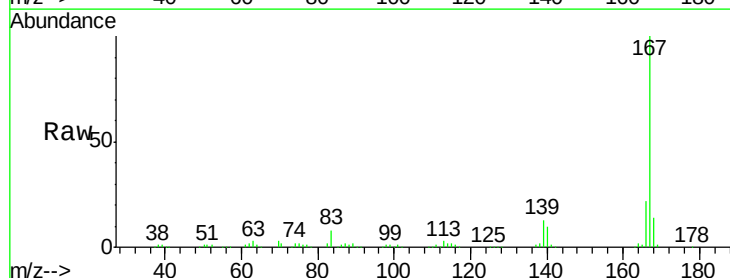
Manual Integrations
 APPROVED

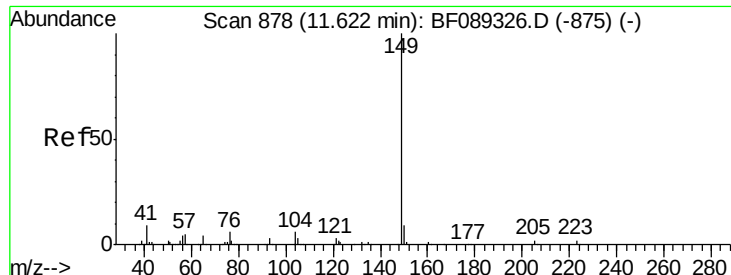
sohil
 8/1/2016 7:18:35 PM



#72
 Carbazole
 Concen: 42.38 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.05 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	13.4	10.1	15.1





#73

Di-n-butylphthalate

Concen: 41.23 ng

RT: 11.59 min Scan# 875

Delta R.T. -0.03 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Instrument :

BNA_F

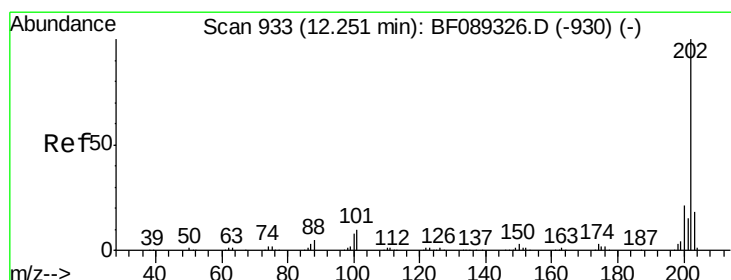
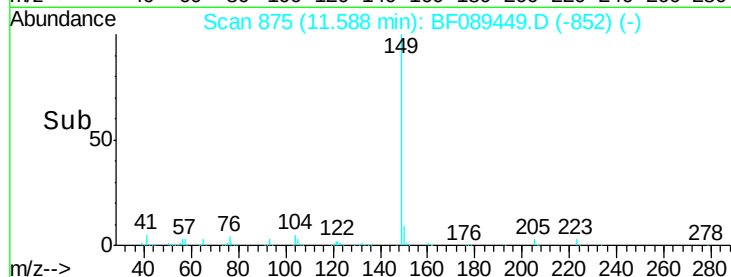
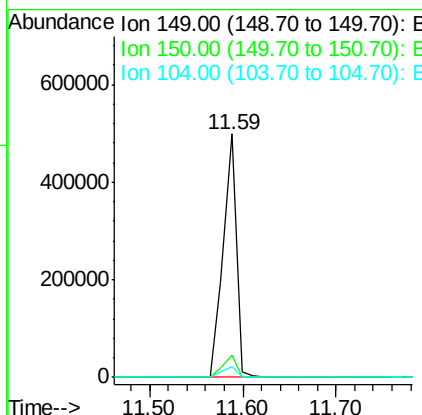
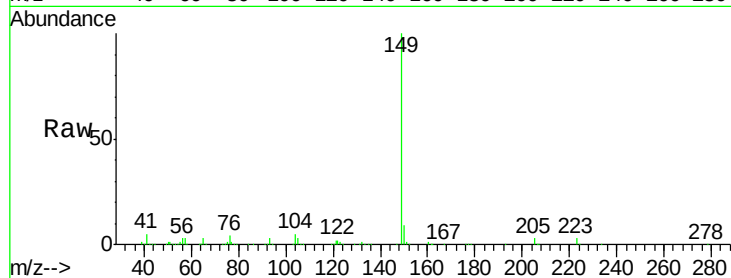
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	489475
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.4	11.0
104	4.5	4.7	7.1#

Manual Integrations
APPROVED

sohil
8/1/2016 7:18:35 PM



#74

Fluoranthene

Concen: 40.70 ng

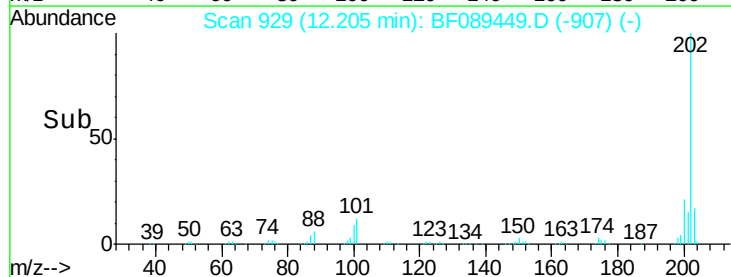
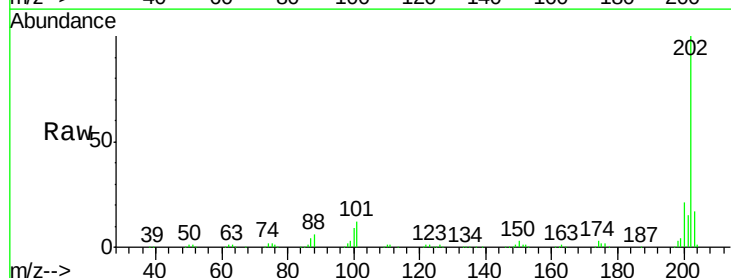
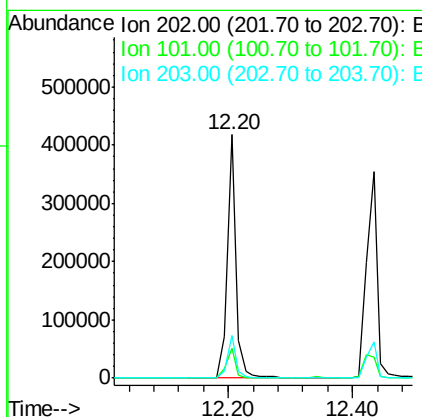
RT: 12.20 min Scan# 929

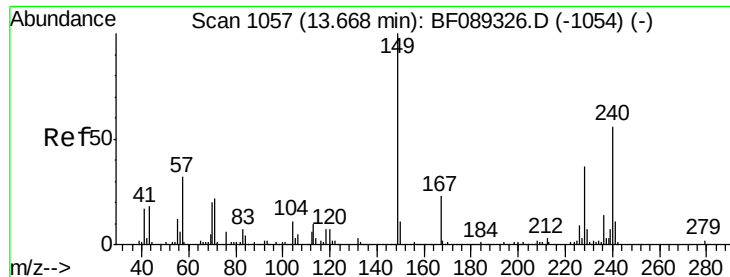
Delta R.T. -0.05 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Tgt Ion:	202	Resp:	404696
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	29.9
203	17.3	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.62 min Scan# 1053

Delta R.T. -0.05 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Instrument :

BNA_F

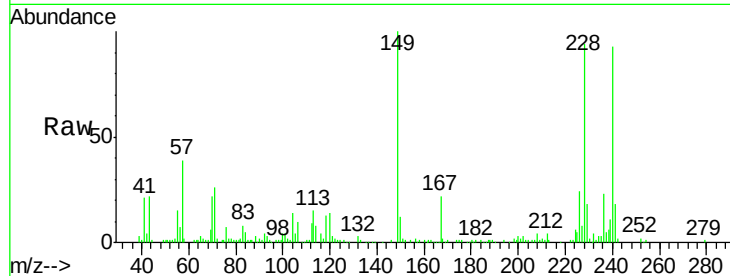
ClientSampled :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.1	9.1	13.7#
236	25.3	20.6	30.8

Manual Integrations
APPROVED

sohil
8/1/2016 7:18:35 PM

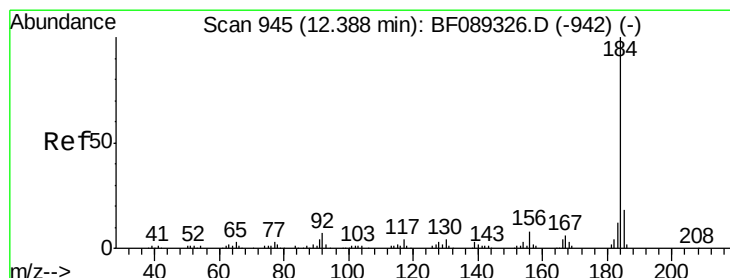
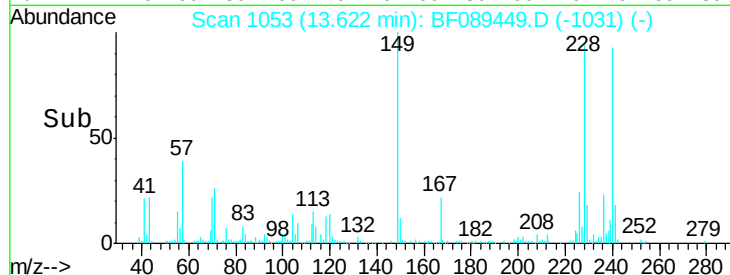
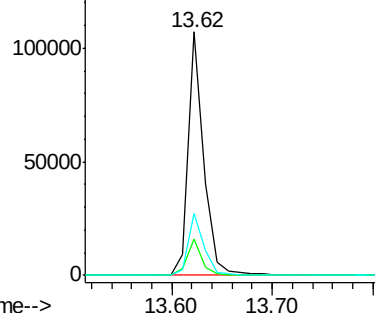


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 63.95 ng

RT: 12.34 min Scan# 941

Delta R.T. -0.04 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

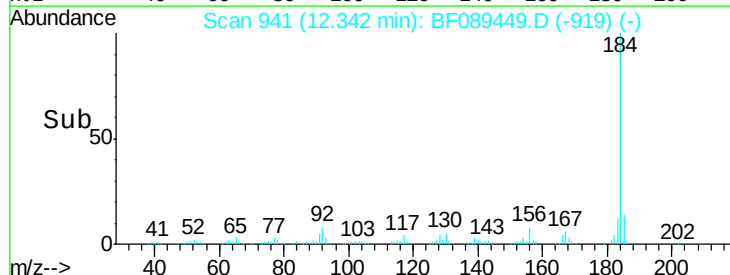
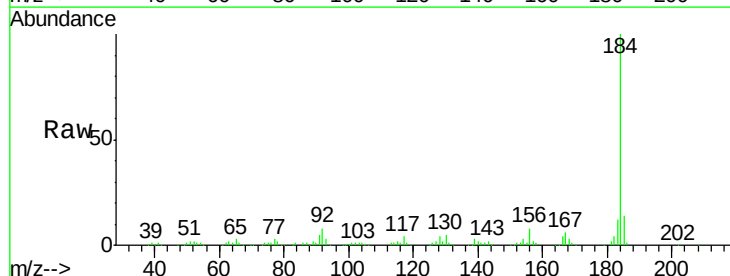
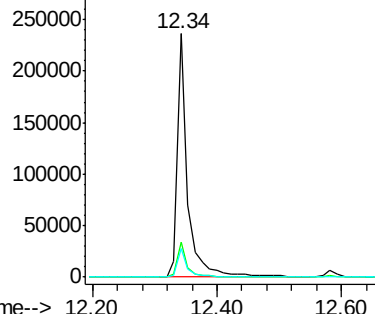
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	13.5	20.3
183	11.7	9.8	14.6

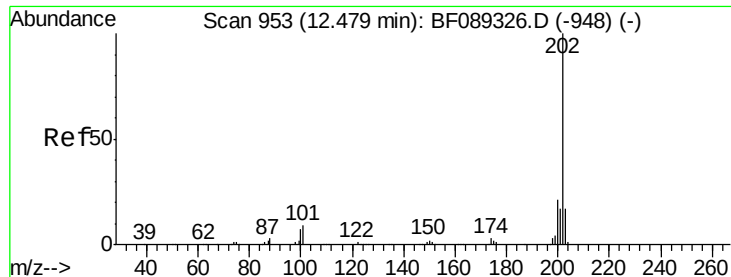
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 47.22 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Instrument :

BNA_F

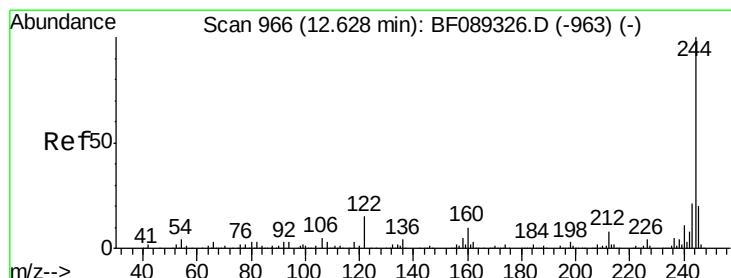
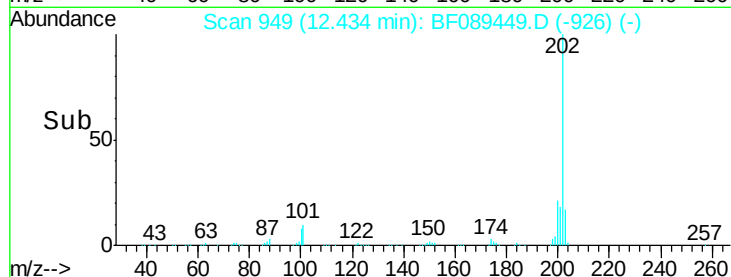
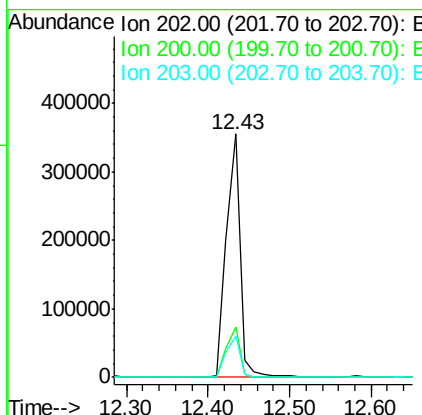
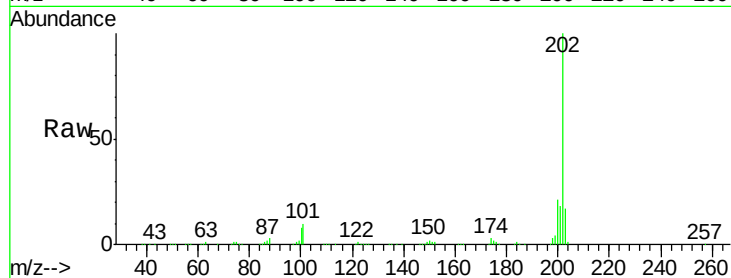
ClientSampleId :

SSTDCCC040

Tot Ion:	202	Resp:	412371
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.9	25.3
203	17.2	14.0	21.0

Manual Integrations
APPROVED

sohil
8/1/2016 7:18:35 PM



#78

Terphenyl-d14

Concen: 88.10 ng

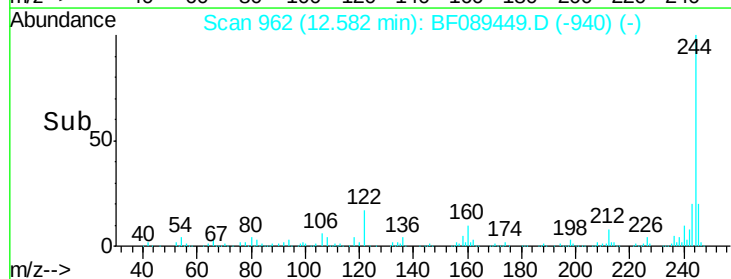
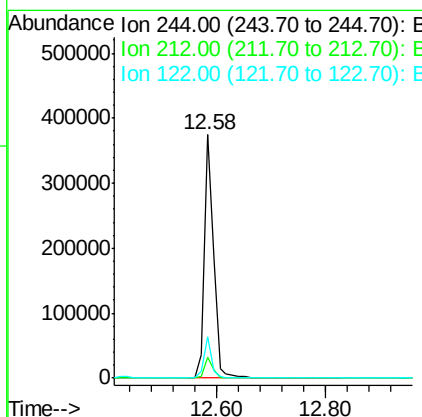
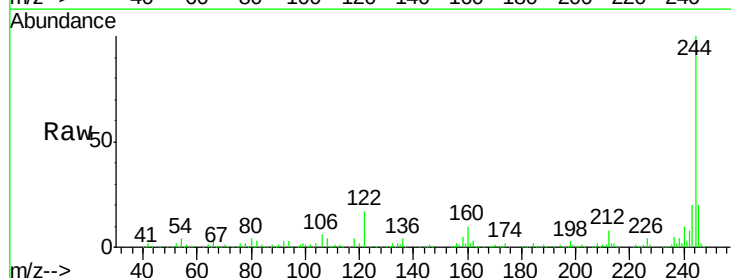
RT: 12.58 min Scan# 962

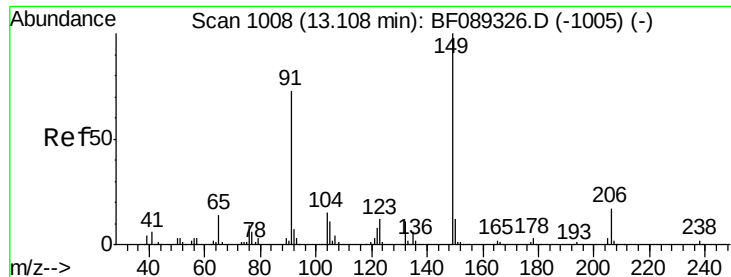
Delta R.T. -0.05 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Tgt Ion:	244	Resp:	433699
Ion Ratio	Lower	Upper	
244	100		
212	8.4	6.5	9.7
122	16.9	11.4	17.0





#79

Butylbenzylphthalate

Concen: 43.47 ng

RT: 13.06 min Scan# 1004

Delta R.T. -0.05 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Instrument :

BNA_F

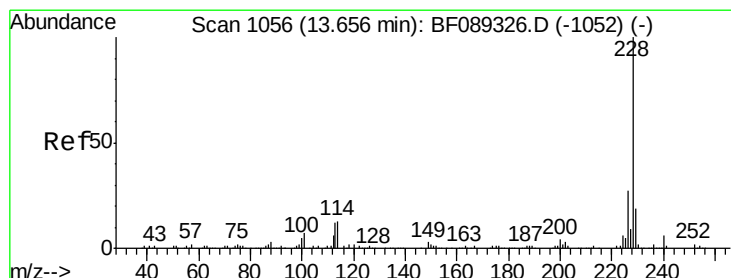
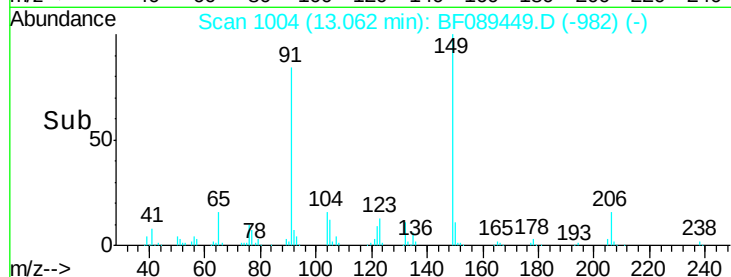
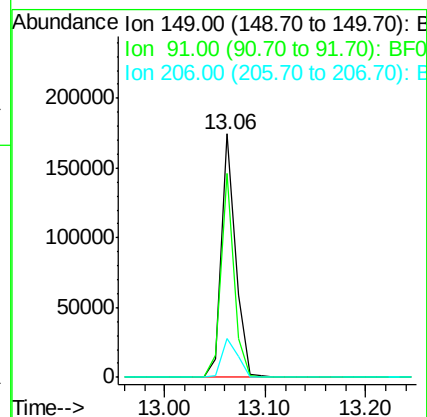
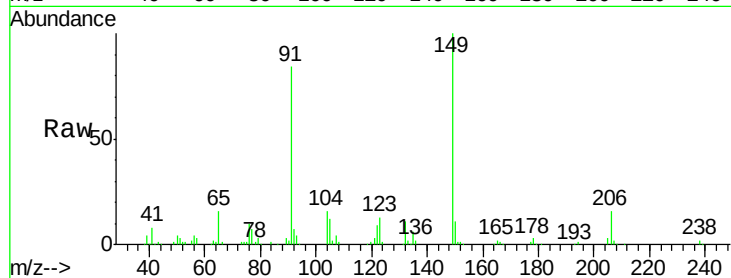
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	172604
Ion Ratio	Lower	Upper	
149	100		
91	83.5	58.5	87.7
206	15.7	13.8	20.8

Manual Integrations
APPROVED

sohil
8/1/2016 7:18:35 PM



#80

Benzo(a)anthracene

Concen: 41.83 ng

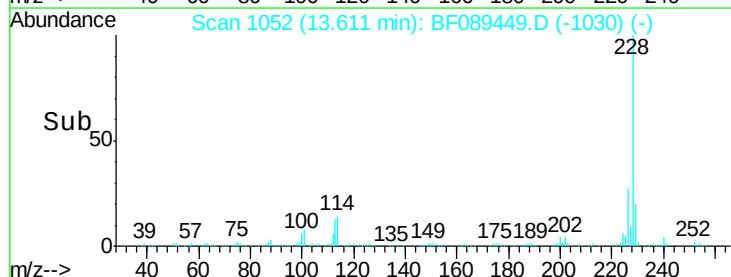
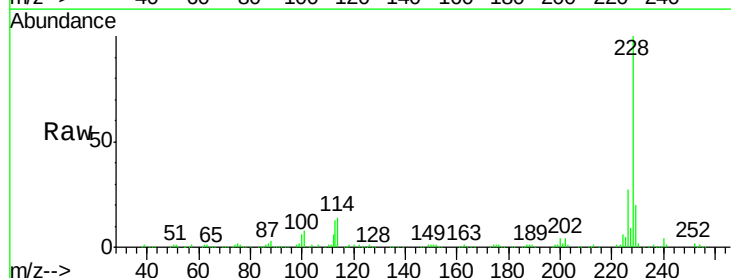
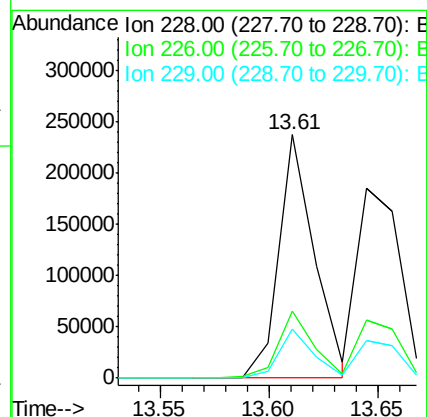
RT: 13.61 min Scan# 1052

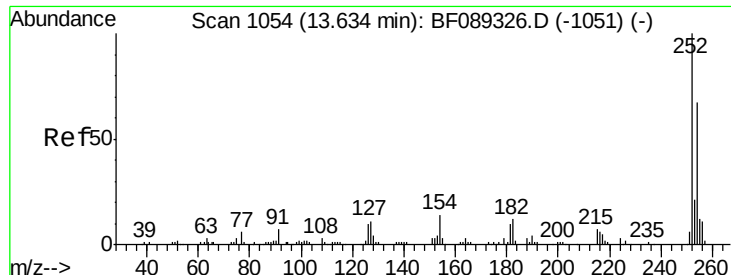
Delta R.T. -0.05 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Tgt Ion:	228	Resp:	271974
Ion Ratio	Lower	Upper	
228	100		
226	27.4	21.4	32.2
229	20.0	15.9	23.9





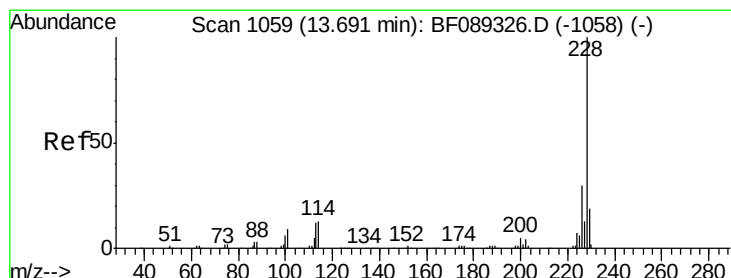
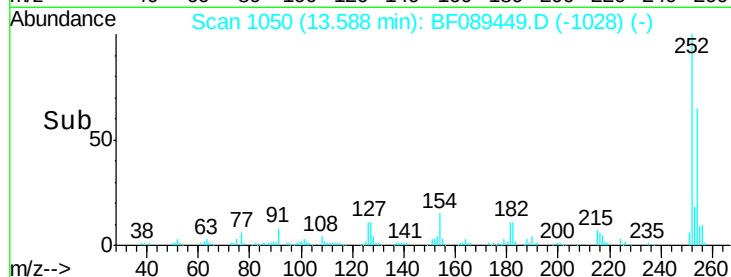
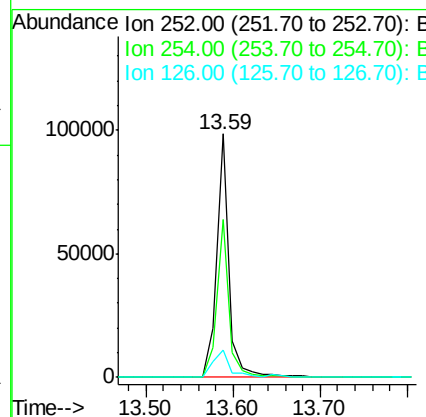
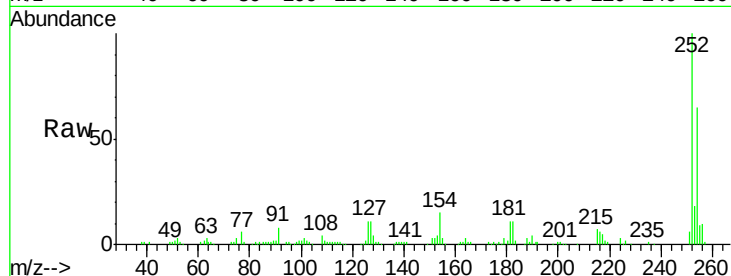
#81
 3,3'-Dichlorobenzidine
 Concen: 42.28 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. -0.05 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.5	78.7
126	11.4	7.4	11.2

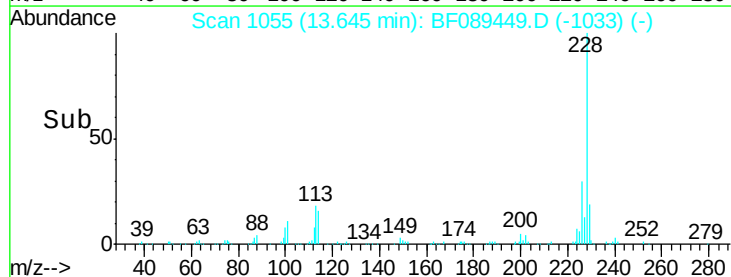
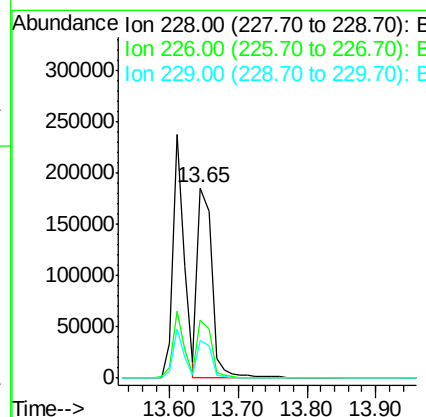
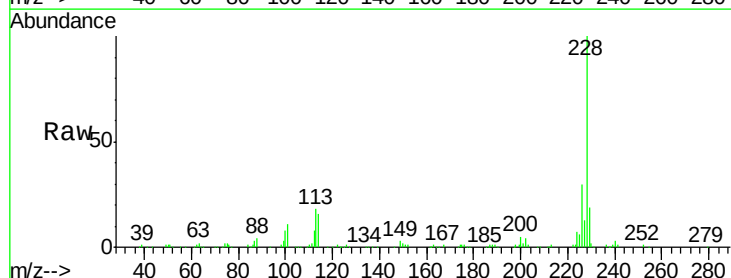
Manual Integrations
 APPROVED

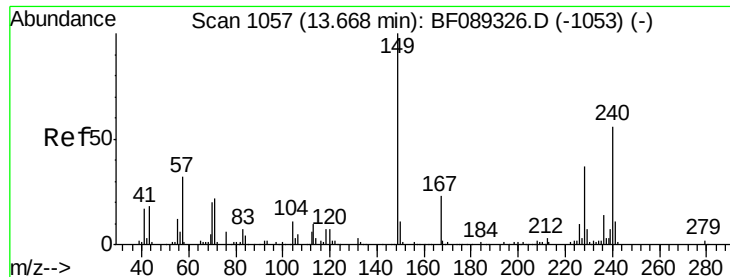
sohil
 8/1/2016 7:18:35 PM



#82
 Chrysene
 Concen: 38.84 ng
 RT: 13.65 min Scan# 1055
 Delta R.T. -0.05 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.2
229	19.5	15.9	23.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.09 ng

RT: 13.63 min Scan# 1054

Delta R.T. -0.03 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Instrument :

BNA_F

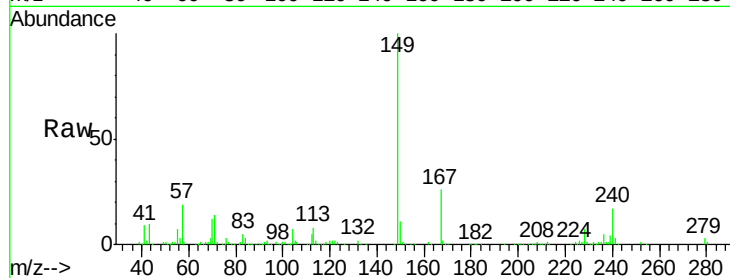
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.8	18.8	28.2
279	3.5	1.4	2.0

Manual Integrations
APPROVED

sohil
8/1/2016 7:18:35 PM

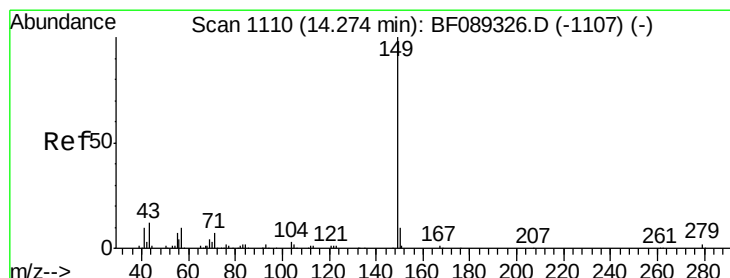
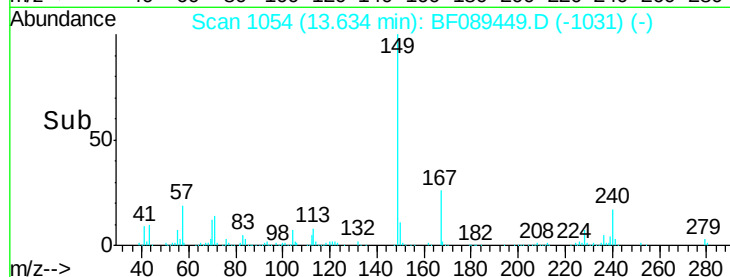
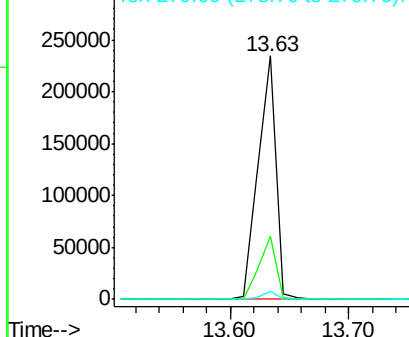


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.20 ng

RT: 14.24 min Scan# 1107

Delta R.T. -0.03 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

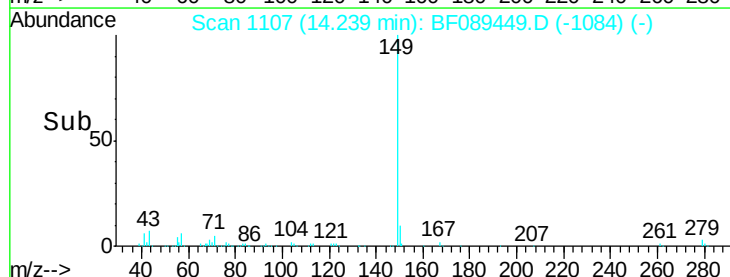
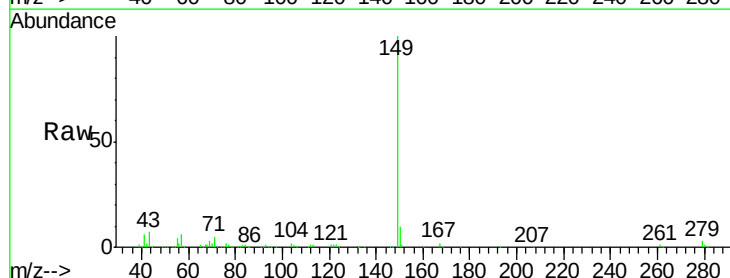
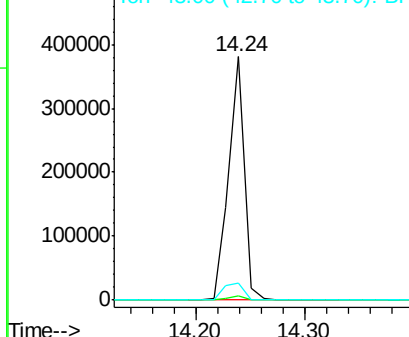
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	9.8	7.3	10.9

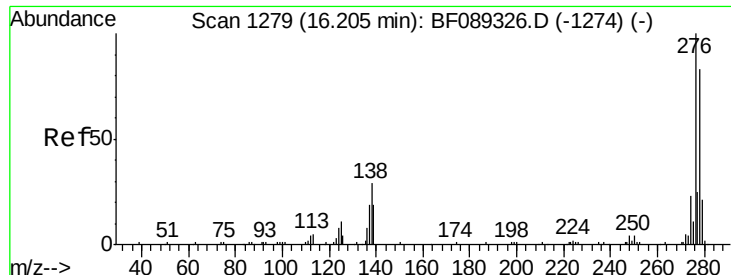
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





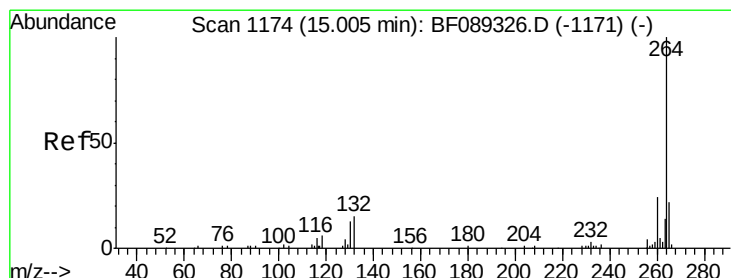
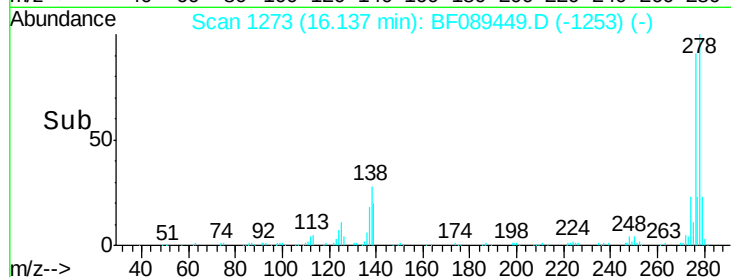
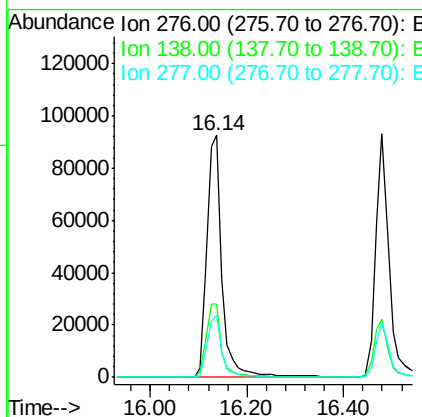
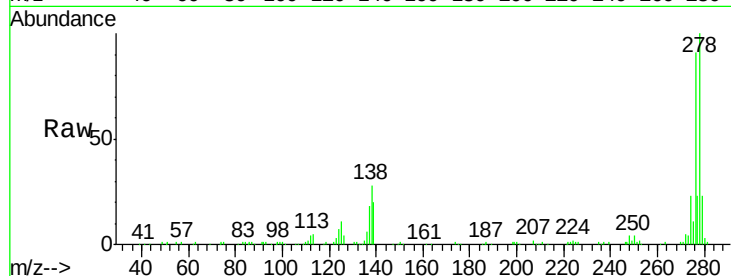
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.29 ng
RT: 16.14 min Scan# 1273
Delta R.T. -0.07 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.7	23.0	34.4
277	25.2	20.2	30.4

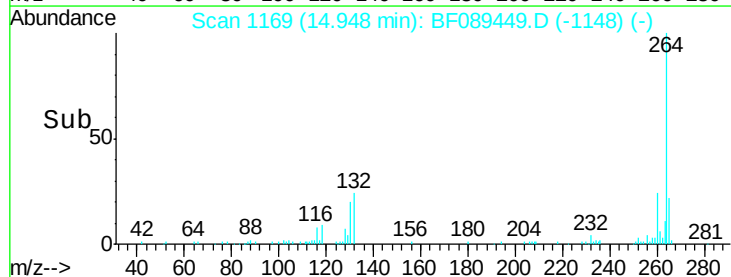
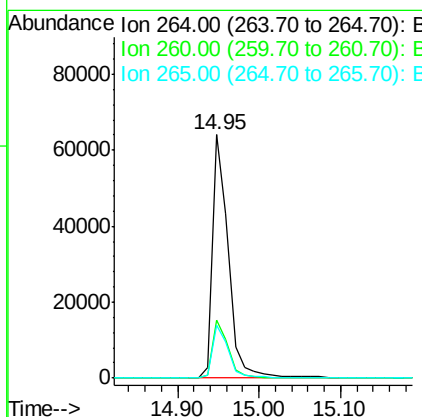
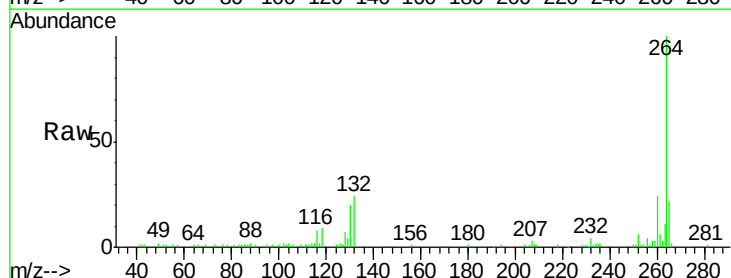
Manual Integrations
APPROVED

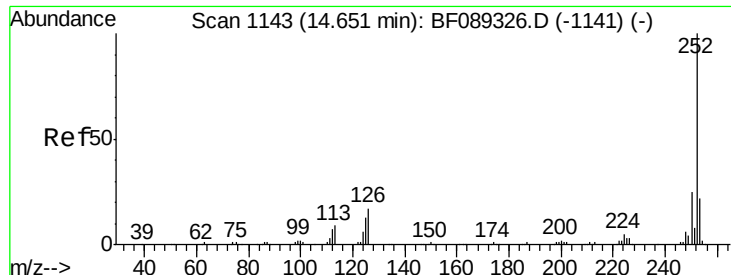
sohil
8/1/2016 7:18:35 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 14.95 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.4
265	21.9	17.5	26.3





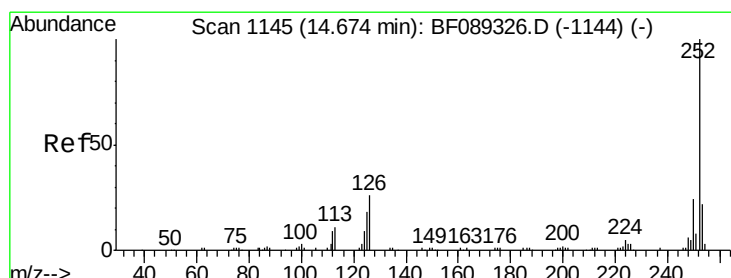
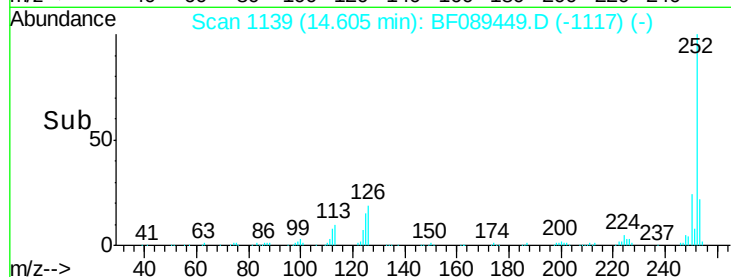
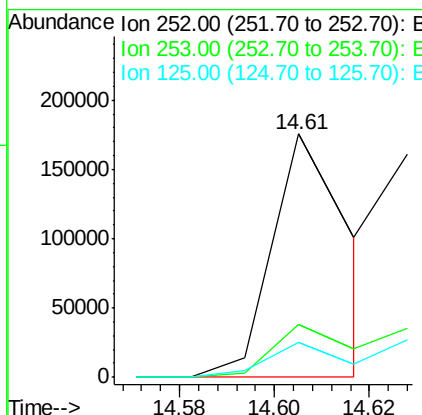
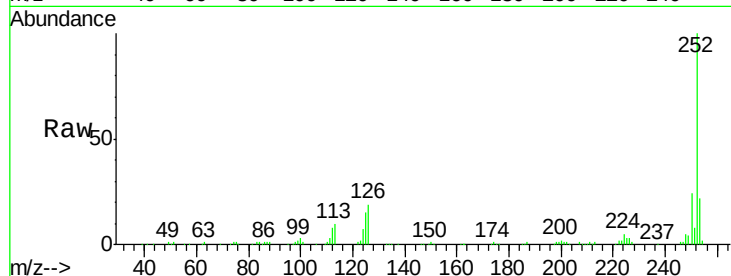
#87
Benzo(b)fluoranthene
Concen: 36.86 ng m
RT: 14.61 min Scan# 1139
Delta R.T. -0.05 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	14.6	9.7	14.5#

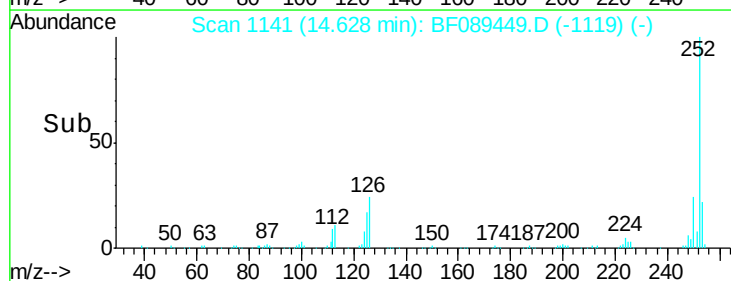
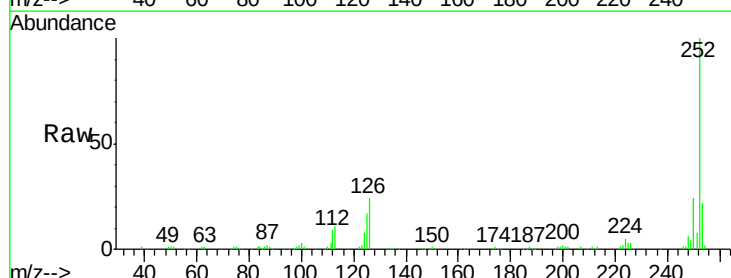
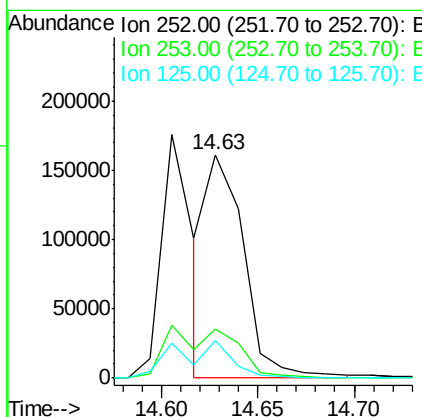
Manual Integrations
APPROVED

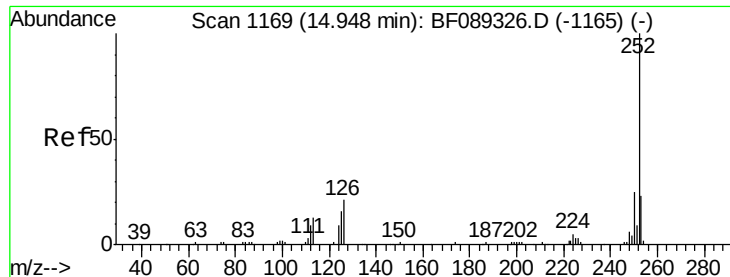
sohil
8/1/2016 7:18:35 PM



#88
Benzo(k)fluoranthene
Concen: 44.08 ng m
RT: 14.63 min Scan# 1141
Delta R.T. -0.05 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	16.8	10.7	16.1#





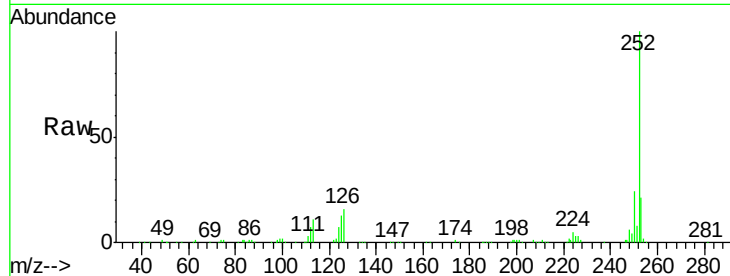
#89
Benzo(a)pyrene
Concen: 42.36 ng
RT: 14.90 min Scan# 1165
Delta R.T. -0.05 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

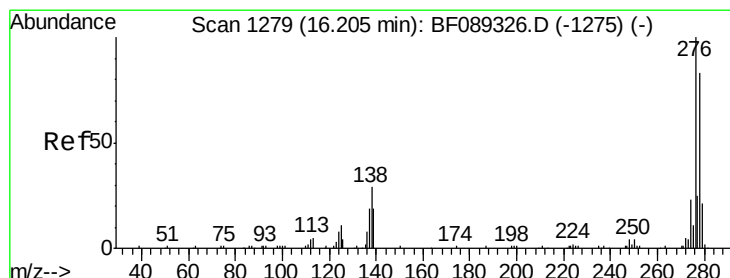
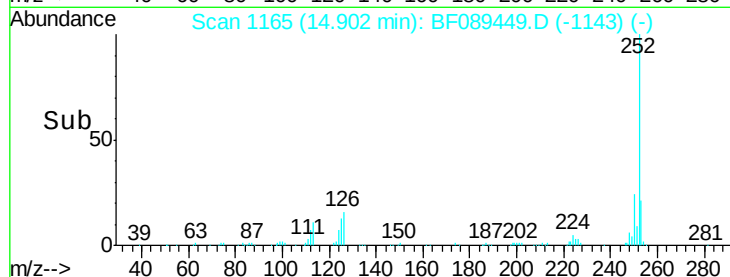
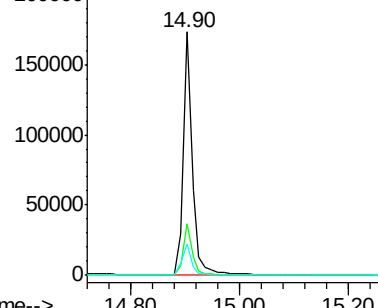
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.4	26.2
125	12.9	12.4	18.6

Manual Integrations
APPROVED

sohil
8/1/2016 7:18:35 PM



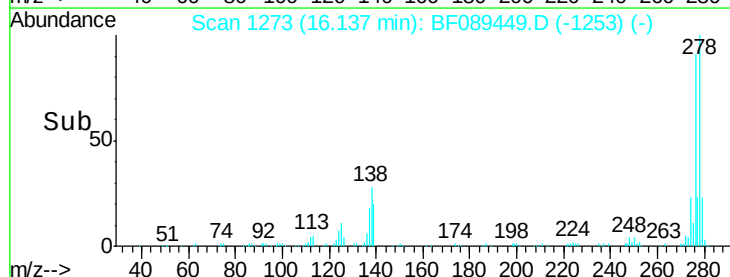
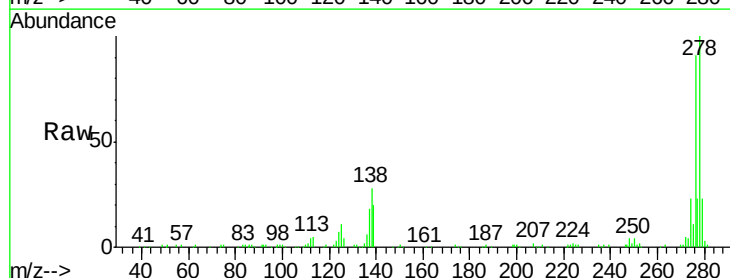
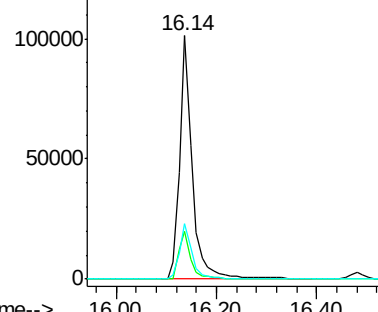
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

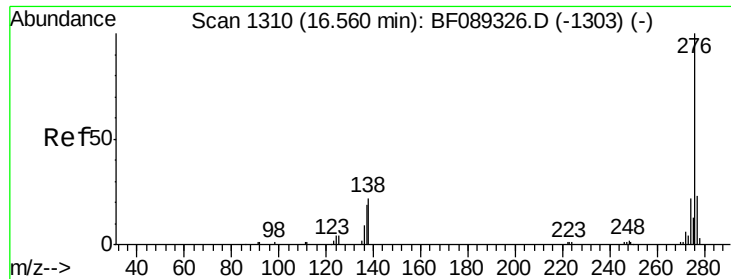


#90
Dibenzo(a,h)anthracene
Concen: 46.17 ng
RT: 16.14 min Scan# 1273
Delta R.T. -0.07 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.8	16.3	24.5
279	22.8	19.1	28.7

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(a,h,i)perylene
 Concen: 48.48 ng
 RT: 16.48 min Scan# 1303
 Delta R.T. -0.07 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	181893
Ion Ratio	Lower	Upper	
276	100		
277	22.1	18.6	28.0
138	23.7	21.4	32.0

Manual Integrations
 APPROVED

sohil
 8/1/2016 7:18:35 PM

