

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090716\
 Data File : BF089999.D
 Acq On : 7 Sep 2016 12:31
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

umangi
 9/8/2016 12:53:11 PM

Quant Time: Sep 08 10:23:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 13:29:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	219061	20.00	ng	-0.02
21) Naphthalene-d8	7.91	136	917149	20.00	ng	-0.02
38) Acenaphthene-d10	9.66	164	469995	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	869556	20.00	ng	-0.02
75) Chrysene-d12	13.74	240	647543	20.00	ng	-0.02
86) Perylene-d12	15.07	264	571940	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1080231	78.93	ng	-0.02
7) Phenol-d6	6.27	99	1278458	76.88	ng	-0.01
23) Nitrobenzene-d5	7.19	82	1162062	73.48	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	353997	76.34	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	2152451	75.18	ng	-0.02
78) Terphenyl-d14	12.71	244	2071148	79.01	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.06	88	242500	37.40	ng	98
3) Pyridine	2.68	79	643683	37.21	ng	98
4) n-Nitrosodimethylamine	2.65	42	330353	38.72	ng	97
6) Aniline	6.28	93	843963	37.20	ng	87
8) 2-Chlorophenol	6.40	128	576226	38.81	ng	89
9) Benzaldehyde	6.16	77	408115	38.04	ng	97
10) Phenol	6.28	94	763559	39.49	ng	96
11) bis(2-Chloroethyl)ether	6.36	93	586185	40.06	ng	95
12) 1,3-Dichlorobenzene	6.56	146	674724	40.69	ng	97
13) 1,4-Dichlorobenzene	6.64	146	698867	41.19	ng	93
14) 1,2-Dichlorobenzene	6.79	146	596755	39.23	ng	98
15) Benzyl Alcohol	6.78	79	420810	40.39	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1062233	38.07	ng	90
17) 2-Methylphenol	6.90	107	463623	39.10	ng	# 92
18) Hexachloroethane	7.13	117	229154	39.43	ng	98
19) n-Nitroso-di-n-propylamine	7.05	70	386534	35.67	ng	92
20) 3+4-Methylphenols	7.05	107	590275	41.07	ng	# 86
22) Acetophenone	7.04	105	758683	36.87	ng	# 93
24) Nitrobenzene	7.21	77	628950	37.41	ng	92
25) Isophorone	7.45	82	1164941	36.23	ng	98
26) 2-Nitrophenol	7.53	139	346091	43.06	ng	# 82
27) 2,4-Dimethylphenol	7.58	122	535990	36.05	ng	100
28) bis(2-Chloroethoxy)methane	7.68	93	749390	38.64	ng	98
29) 2,4-Dichlorophenol	7.77	162	517650	38.84	ng	97
30) 1,2,4-Trichlorobenzene	7.85	180	559882	38.42	ng	97
31) Naphthalene	7.93	128	1708537	37.39	ng	99
32) Benzoic acid	7.74	122	447411	44.68	ng	94
33) 4-Chloroaniline	7.99	127	749010	40.63	ng	97
34) Hexachlorobutadiene	8.06	225	344833	40.38	ng	97
35) Caprolactam	8.38	113	166881	39.67	ng	# 69
36) 4-Chloro-3-methylphenol	8.48	107	569008	40.31	ng	88
37) 2-Methylnaphthalene	8.62	142	1078833	35.73	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	570626	41.44	ng	98
40) Hexachlorocyclopentadiene	8.78	237	315038	44.63	ng	95

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090716\
 Data File : BF089999.D
 Acq On : 7 Sep 2016 12:31
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

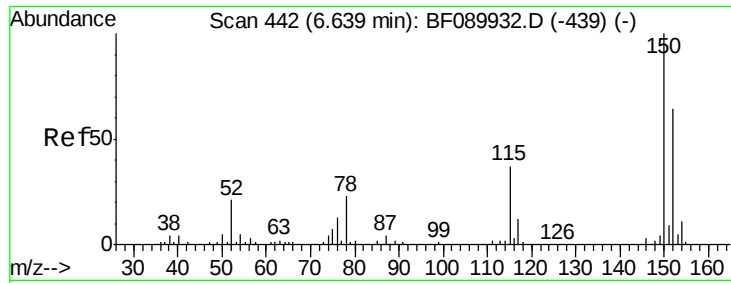
Manual Integrations
 APPROVED

umangi
 9/8/2016 12:53:11 PM

Quant Time: Sep 08 10:23:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 13:29:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	400185	41.94	ng	99
43) 2,4,5-Trichlorophenol	8.94	196	383843	41.83	ng	98
45) 1,1'-Biphenyl	9.08	154	1407611	37.20	ng	97
46) 2-Chloronaphthalene	9.11	162	1100728	41.12	ng	96
47) 2-Nitroaniline	9.21	65	346407	39.59	ng	# 59
48) Acenaphthylene	9.52	152	1706477	38.55	ng	99
49) Dimethylphthalate	9.39	163	1206526	35.52	ng	100
50) 2,6-Dinitrotoluene	9.45	165	293293	38.82	ng	98
51) Acenaphthene	9.69	154	1147140	40.91	ng	99
52) 3-Nitroaniline	9.62	138	364124	42.26	ng	# 79
53) 2,4-Dinitrophenol	9.72	184	161752	42.32	ng	# 59
54) Dibenzofuran	9.86	168	1422862	37.86	ng	94
55) 4-Nitrophenol	9.79	139	282500	43.46	ng	87
56) 2,4-Dinitrotoluene	9.85	165	392161	40.93	ng	96
57) Fluorene	10.19	166	969179	35.29	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.98	232	319136	40.63	ng	97
59) Diethylphthalate	10.09	149	1228996	38.46	ng	98
60) 4-Chlorophenyl-phenylether	10.19	204	459101	35.53	ng	# 84
61) 4-Nitroaniline	10.23	138	324996	38.39	ng	91
62) Azobenzene	10.35	77	1213129	38.00	ng	93
64) 4,6-Dinitro-2-methylphenol	10.25	198	222620	39.99	ng	96
65) n-Nitrosodiphenylamine	10.32	169	1081275	41.36	ng	99
66) 4-Bromophenyl-phenylether	10.68	248	360321	41.16	ng	# 84
67) Hexachlorobenzene	10.74	284	406262	40.63	ng	# 82
68) Atrazine	10.84	200	331865	38.03	ng	98
69) Pentachlorophenol	10.94	266	257070	47.79	ng	99
70) Phenanthrene	11.14	178	1634033	37.74	ng	100
71) Anthracene	11.20	178	1719667	39.15	ng	100
72) Carbazole	11.36	167	1690051	41.04	ng	100
73) Di-n-butylphthalate	11.70	149	1900301	39.59	ng	99
74) Fluoranthene	12.32	202	1592030	35.08	ng	96
76) Benzidine	12.46	184	1040583	42.42	ng	98
77) Pyrene	12.55	202	1767834	38.72	ng	99
79) Butylbenzylphthalate	13.19	149	777857	42.25	ng	# 75
80) Benzo(a)anthracene	13.73	228	1539521	38.82	ng	99
81) 3,3'-Dichlorobenzidine	13.70	252	628262	43.89	ng	# 97
82) Chrysene	13.76	228	1396354	37.69	ng	100
83) Bis(2-ethylhexyl)phthalate	13.75	149	1027263	40.34	ng	97
84) Di-n-octyl phthalate	14.35	149	1772006	43.11	ng	99
85) Indeno(1,2,3-cd)pyrene	16.30	276	1120171	40.90	ng	100
87) Benzo(b)fluoranthene	14.72	252	1486909m	41.50	ng	
88) Benzo(k)fluoranthene	14.74	252	1085794m	35.71	ng	
89) Benzo(a)pyrene	15.03	252	1252134	40.79	ng	# 98
90) Dibenzo(a,h)anthracene	16.31	278	911544	40.53	ng	97
91) Benzo(g,h,i)perylene	16.66	276	918797	40.58	ng	96

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



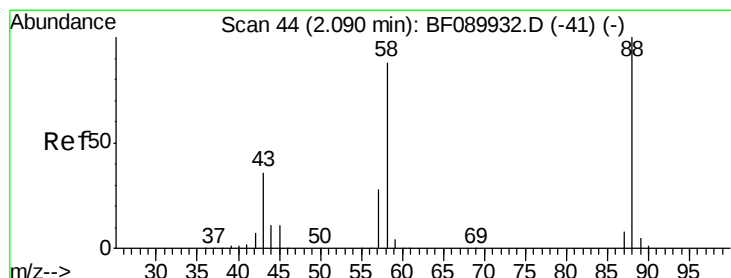
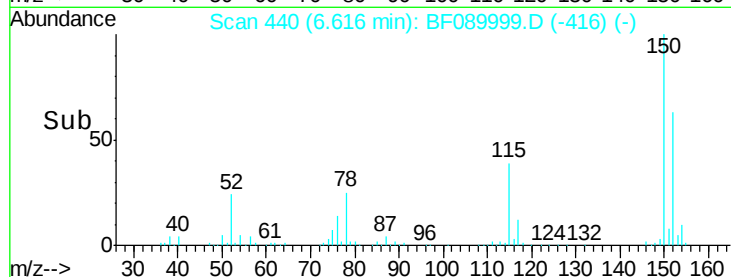
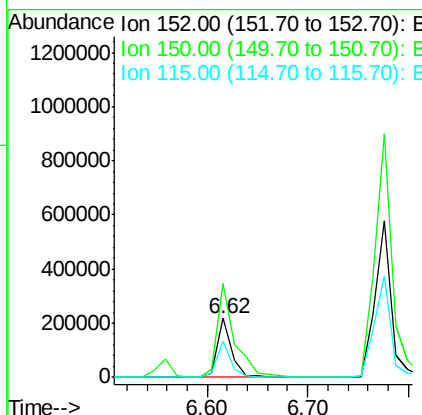
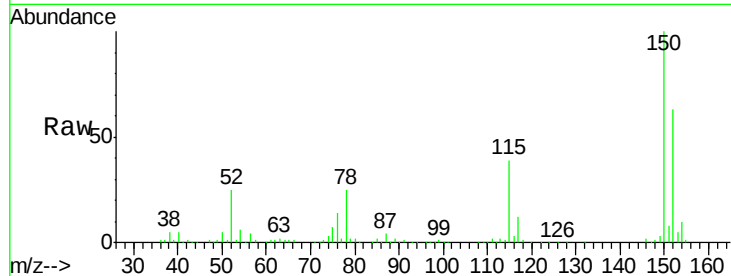
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.62 min Scan# 440
 Delta R.T. -0.02 min
 Lab File: BF089999.D
 Acq: 7 Sep 2016 12:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.4	127.4	191.2
115	61.7	46.3	69.5

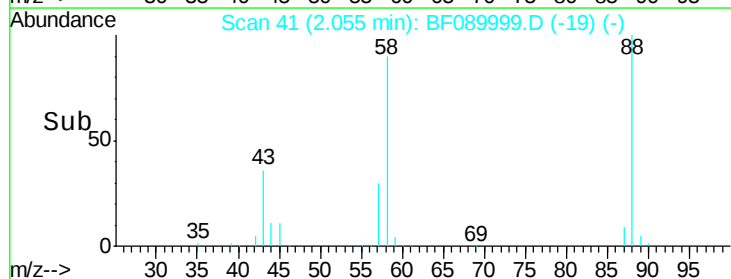
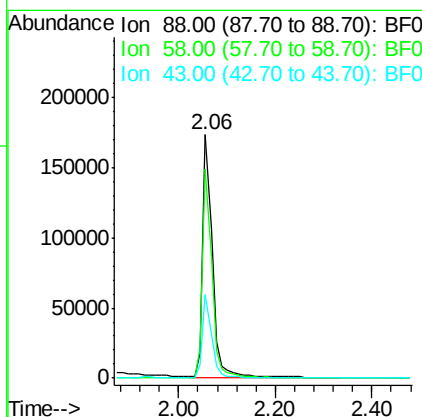
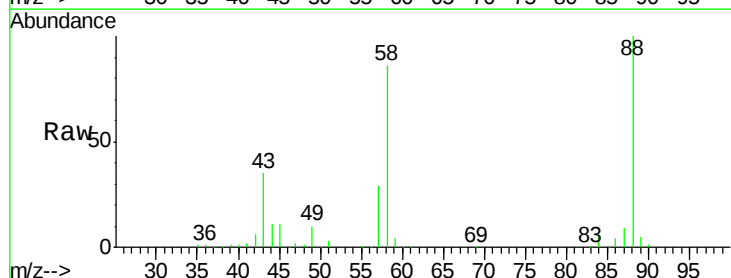
Manual Integrations
 APPROVED

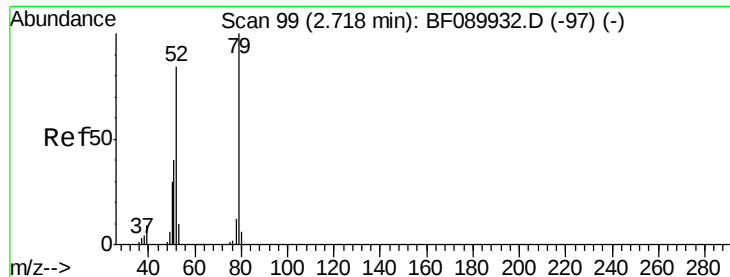
umangi
 9/8/2016 12:53:11 PM



#2
 1,4-Dioxane
 Concen: 37.40 ng
 RT: 2.06 min Scan# 41
 Delta R.T. -0.05 min
 Lab File: BF089999.D
 Acq: 7 Sep 2016 12:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.3	68.8	103.2
43	33.2	27.0	40.6





#3

Pyridine

Concen: 37.21 ng

RT: 2.68 min Scan# 96

Delta R.T. -0.05 min

Lab File: BF089999.D

Acq: 7 Sep 2016 12:31

Instrument :

BNA_F

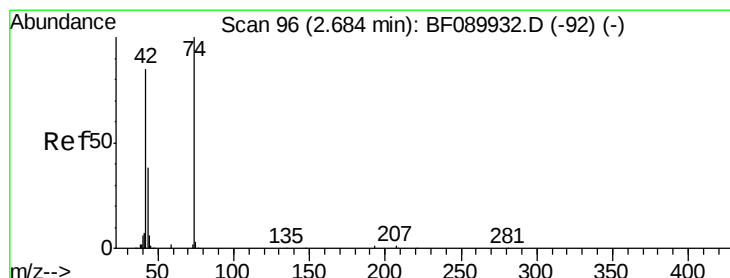
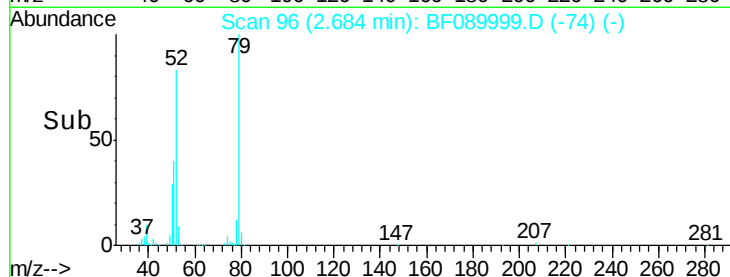
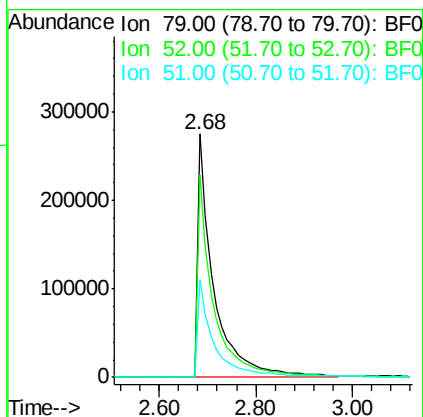
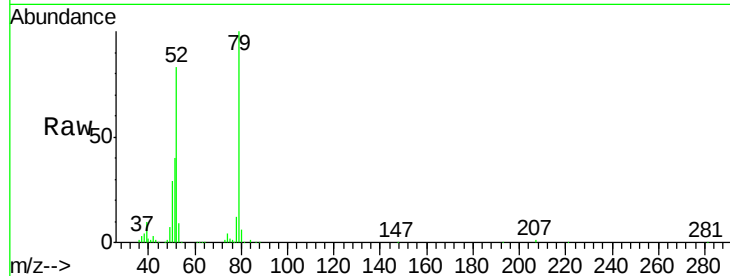
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	643683
Ion	Ratio	Lower	Upper
79	100		
52	83.2	67.8	101.6
51	40.3	32.9	49.3

Manual Integrations
APPROVED

umangi
9/8/2016 12:53:11 PM



#4

n-Nitrosodimethylamine

Concen: 38.72 ng

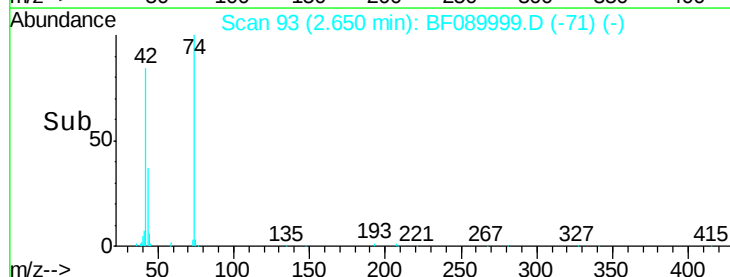
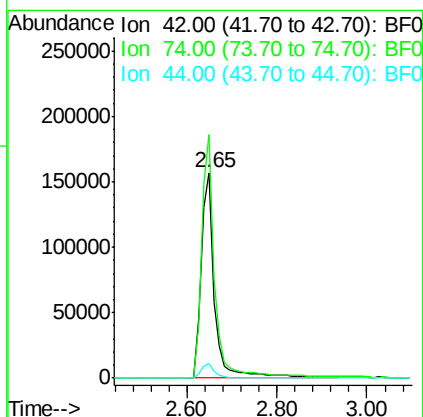
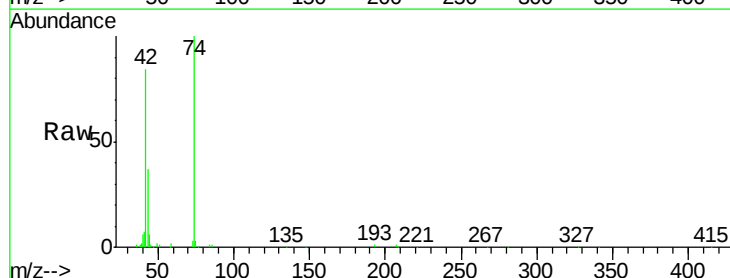
RT: 2.65 min Scan# 93

Delta R.T. -0.05 min

Lab File: BF089999.D

Acq: 7 Sep 2016 12:31

Tgt Ion:	42	Resp:	330353
Ion	Ratio	Lower	Upper
42	100		
74	118.5	92.0	138.0
44	7.3	5.8	8.8





#5

2-Fluorophenol

Concen: 78.93 ng

RT: 5.19 min Scan# 315

Delta R.T. -0.02 min

Lab File: BF089999.D

Acq: 7 Sep 2016 12:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 112 Resp: 1080231

Ion Ratio Lower Upper

112 100

64 58.6 41.1 61.7

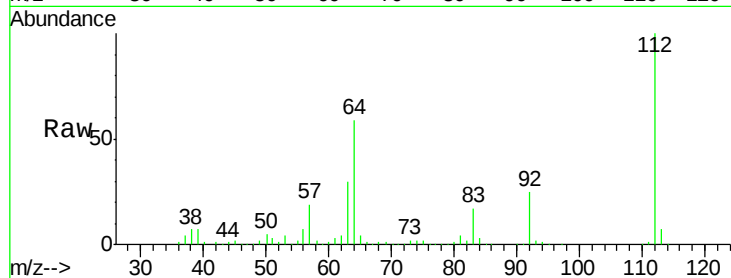
63 30.4 21.2 31.8

Manual Integrations

APPROVED

umangi

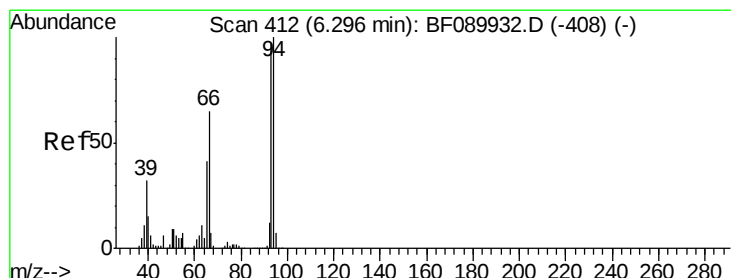
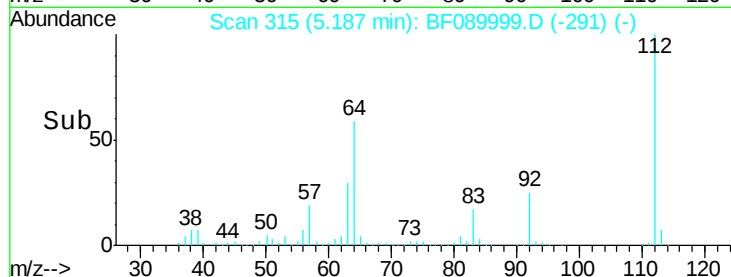
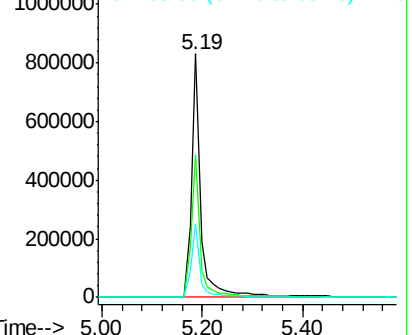
9/8/2016 12:53:11 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 37.20 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF089999.D

Acq: 7 Sep 2016 12:31

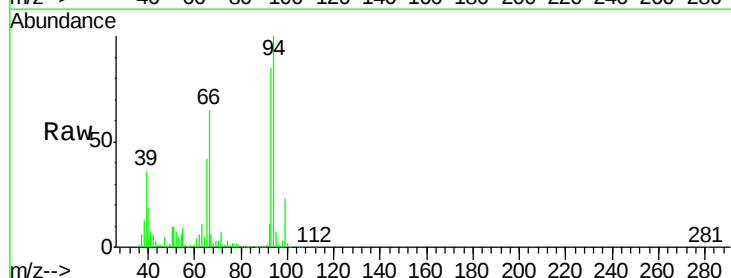
Tgt Ion: 93 Resp: 843963

Ion Ratio Lower Upper

93 100

66 76.7 52.9 79.3

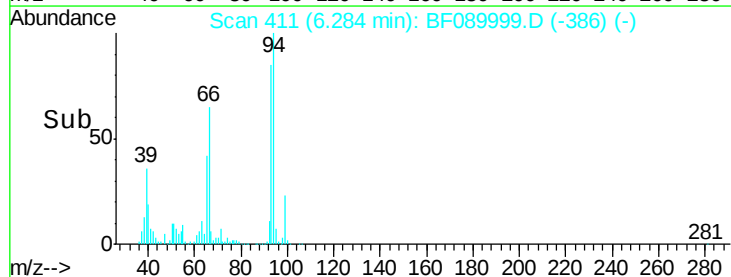
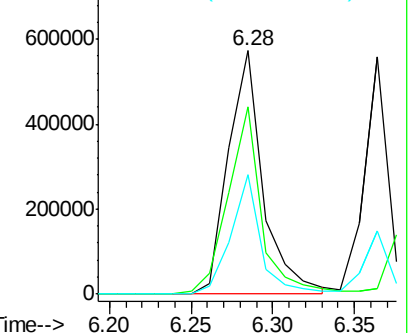
65 49.0 33.0 49.6

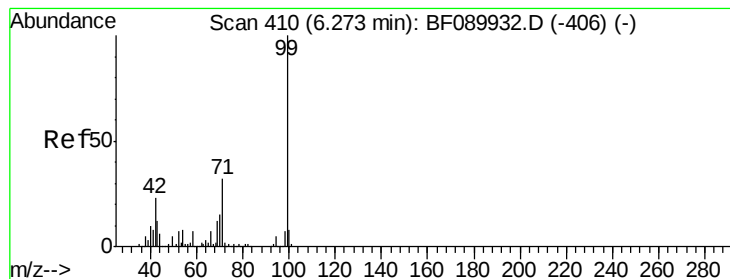


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.88 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF089999.D

Acq: 7 Sep 2016 12:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1278458

Ion Ratio Lower Upper

99 100

42 22.1 18.6 27.8

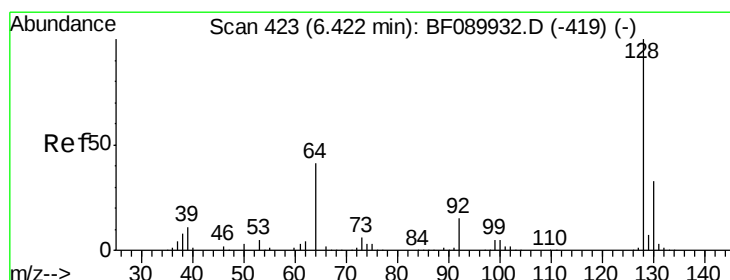
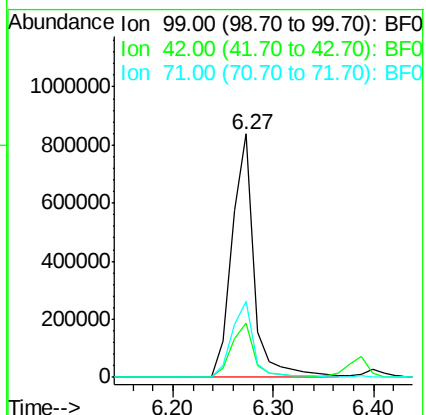
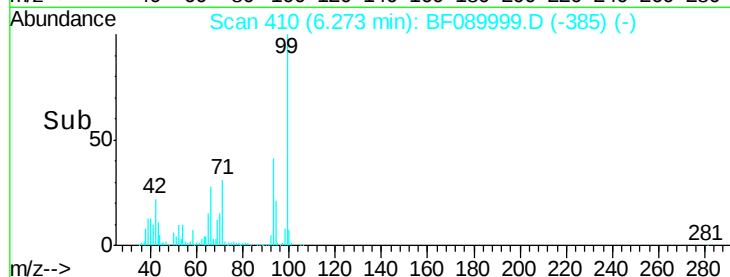
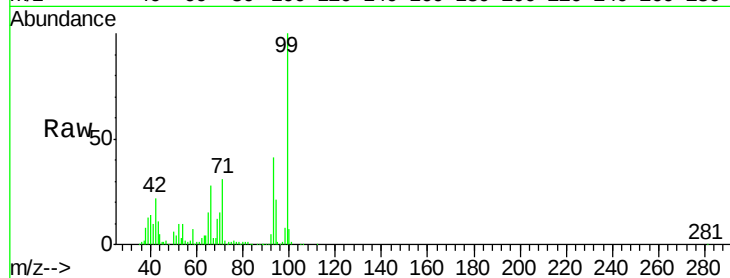
71 31.0 25.8 38.6

Manual Integrations

APPROVED

umangi

9/8/2016 12:53:11 PM



#8

2-Chlorophenol

Concen: 38.81 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF089999.D

Acq: 7 Sep 2016 12:31

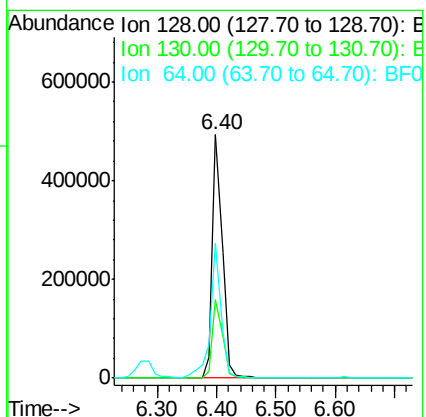
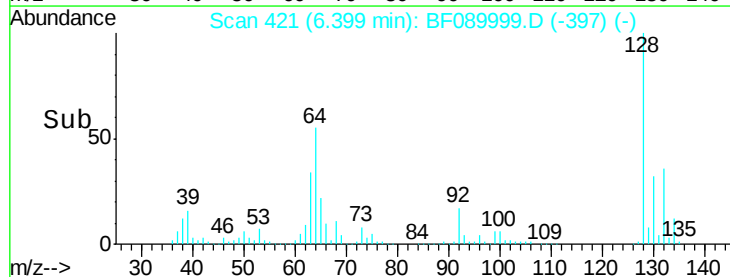
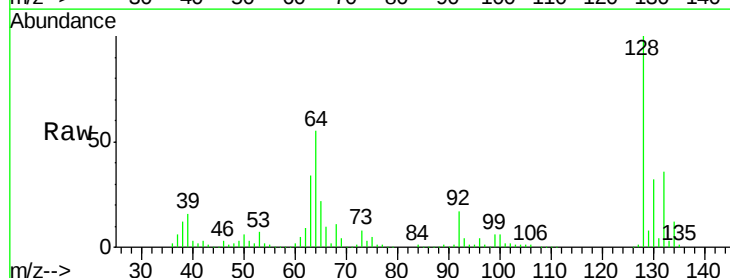
Tgt Ion: 128 Resp: 576226

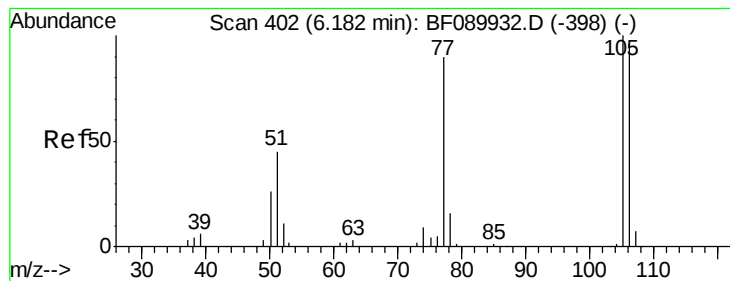
Ion Ratio Lower Upper

128 100

130 32.0 12.8 52.8

64 55.2 23.2 63.2





#9

Benzaldehyde

Concen: 38.04 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF089999.D

Acq: 7 Sep 2016 12:31

Instrument :

BNA_F

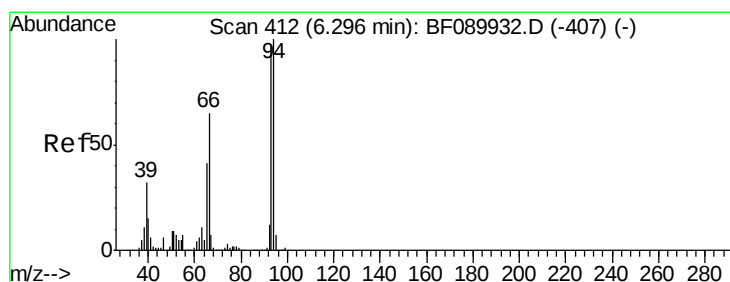
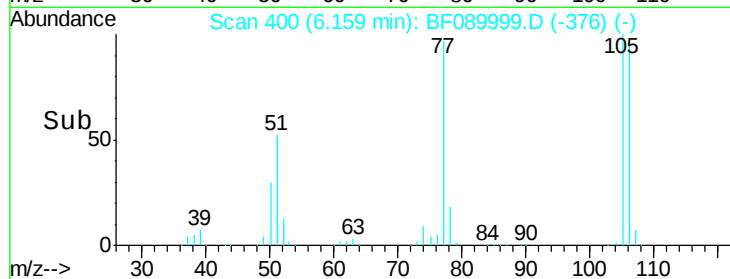
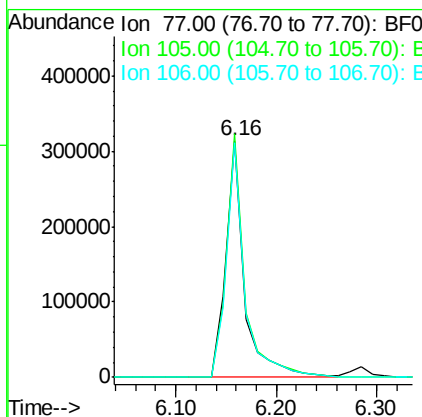
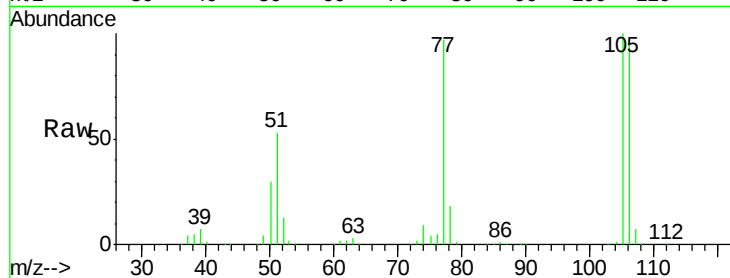
ClientSampleId :

SSTDCCC040

Tgt Ion:	77	Resp:	408115
Ion	Ratio	Lower	Upper
77	100		
105	103.1	85.4	125.4
106	99.5	83.4	123.4

Manual Integrations
APPROVED

umangi
9/8/2016 12:53:11 PM



#10

Phenol

Concen: 39.49 ng

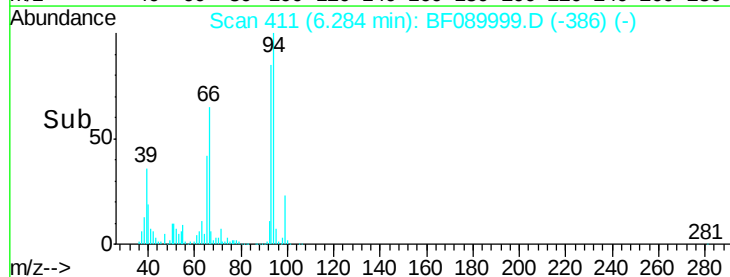
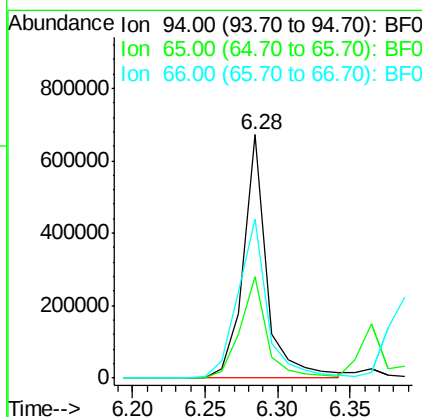
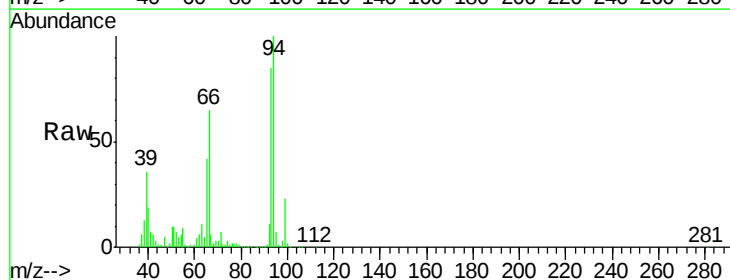
RT: 6.28 min Scan# 411

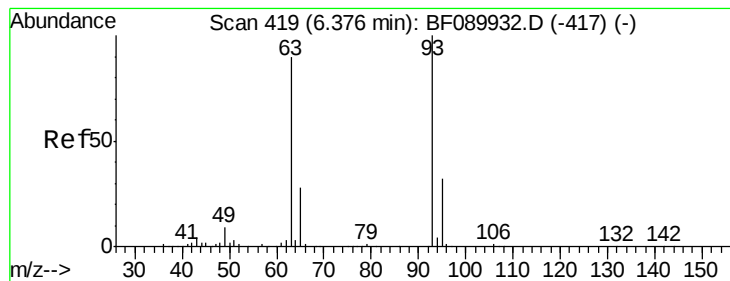
Delta R.T. -0.01 min

Lab File: BF089999.D

Acq: 7 Sep 2016 12:31

Tgt Ion:	94	Resp:	763559
Ion	Ratio	Lower	Upper
94	100		
65	41.8	23.2	63.2
66	65.4	49.2	89.2





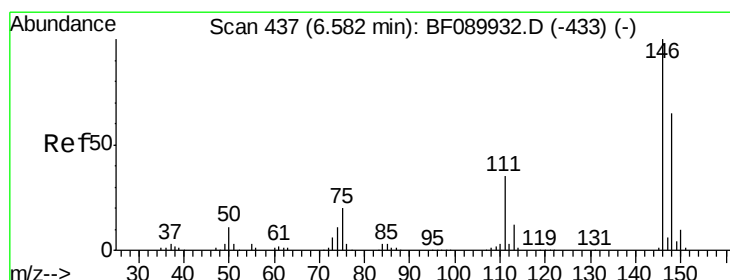
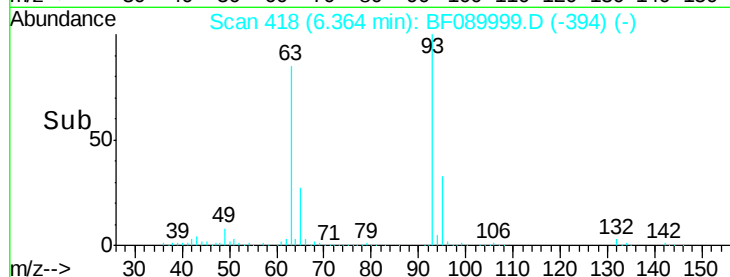
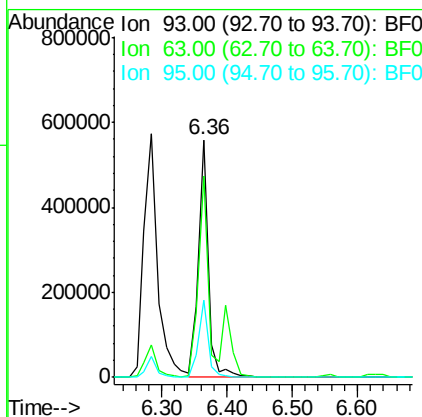
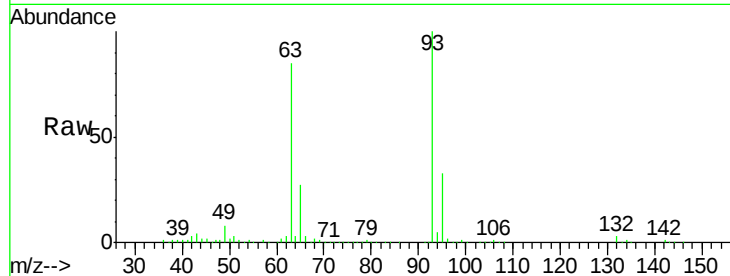
#11
bis(2-Chloroethyl)ether
Concen: 40.06 ng
RT: 6.36 min Scan# 418
Delta R.T. -0.02 min
Lab File: BF089999.D
Acq: 7 Sep 2016 12:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	586185		
63	84.6	71.1	111.1	
95	32.7	12.4	52.4	

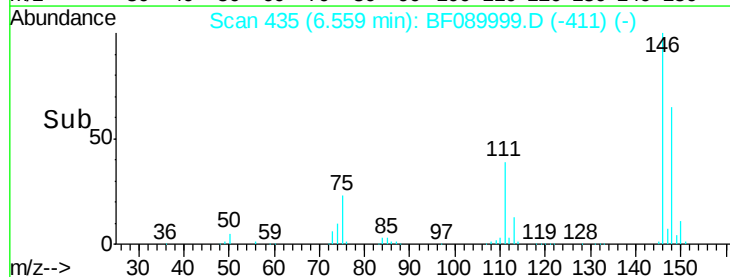
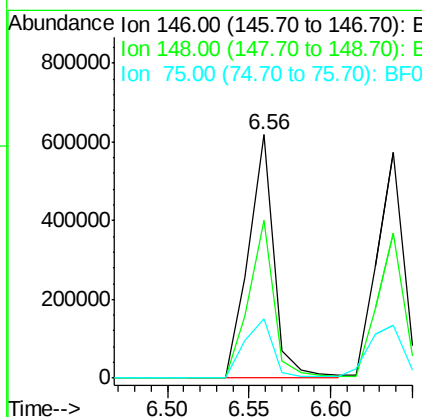
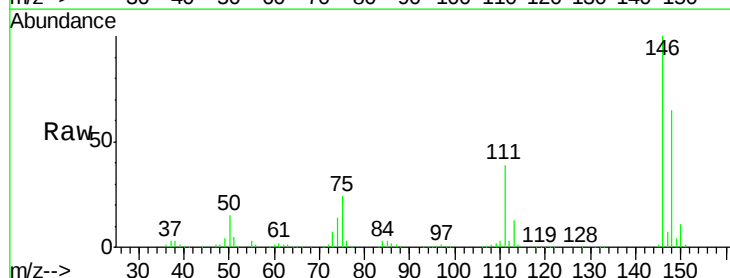
Manual Integrations
APPROVED

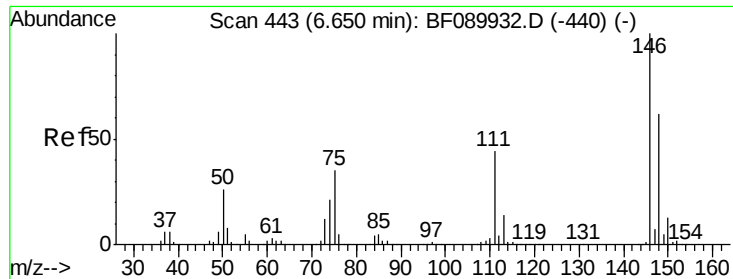
umangi
9/8/2016 12:53:11 PM



#12
1,3-Dichlorobenzene
Concen: 40.69 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.02 min
Lab File: BF089999.D
Acq: 7 Sep 2016 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	674724		
148	64.9	52.5	78.7	
75	24.3	16.6	24.8	





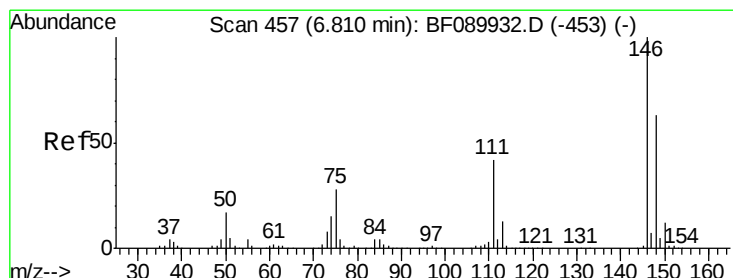
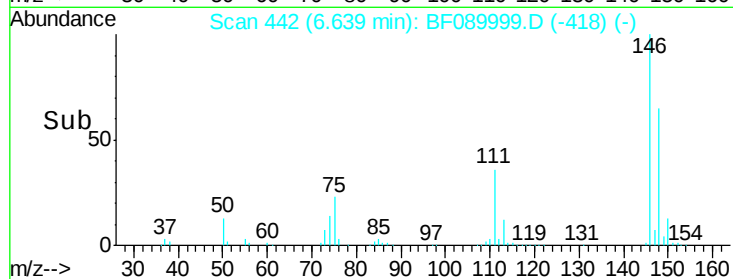
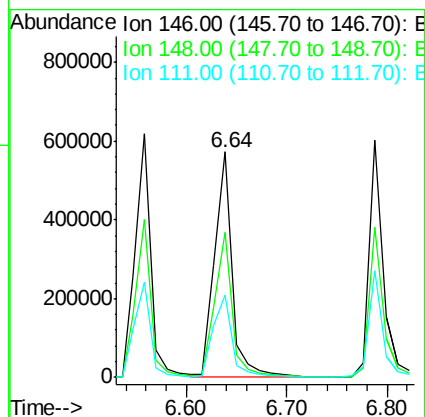
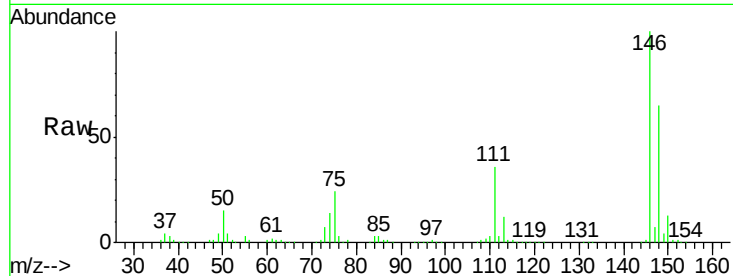
#13
 1,4-Dichlorobenzene
 Concen: 41.19 ng
 RT: 6.64 min Scan# 442
 Delta R.T. -0.02 min
 Lab File: BF089999.D
 Acq: 7 Sep 2016 12:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	698867		
148	64.5	50.1	75.1	
111	36.4	35.8	53.6	

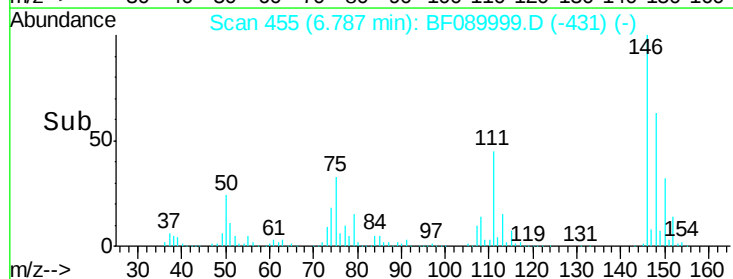
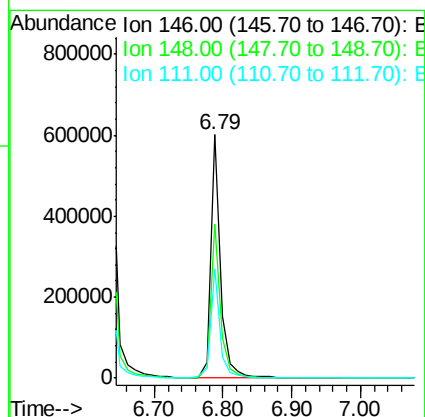
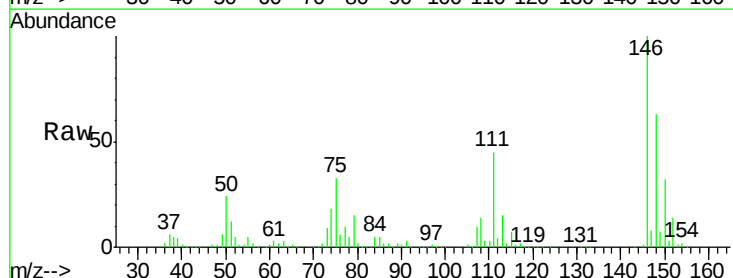
Manual Integrations
 APPROVED

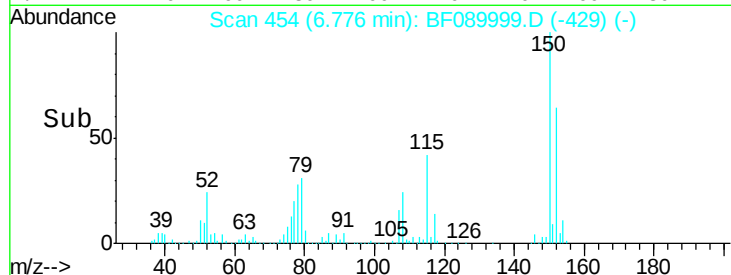
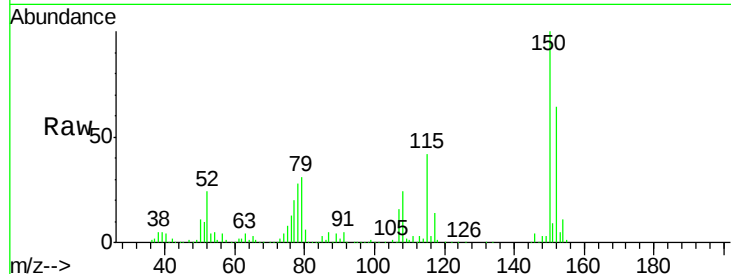
umangi
 9/8/2016 12:53:11 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.23 ng
 RT: 6.79 min Scan# 455
 Delta R.T. -0.02 min
 Lab File: BF089999.D
 Acq: 7 Sep 2016 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	596755		
148	63.3	51.4	77.2	
111	45.1	34.6	51.8	





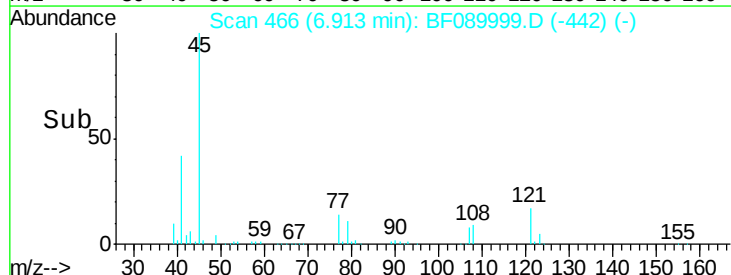
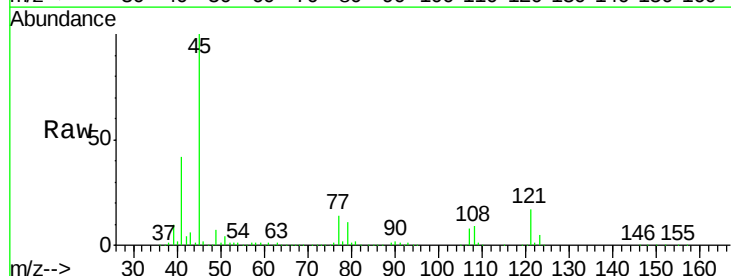
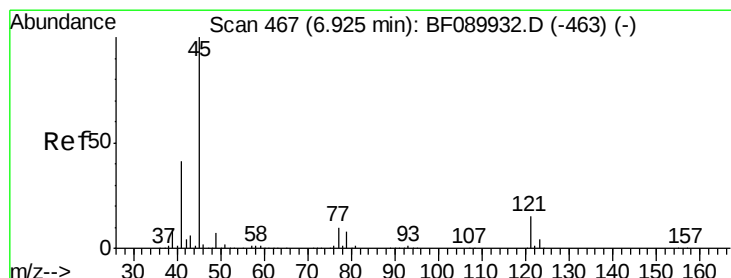
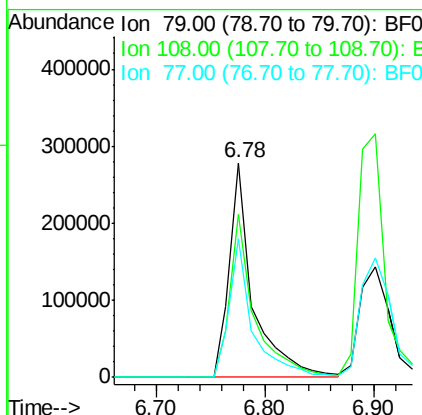
#15
Benzyl Alcohol
Concen: 40.39 ng
RT: 6.78 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF089999.D
Acq: 7 Sep 2016 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	420810		
108	76.3	62.1	93.1	
77	64.5	50.1	75.1	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

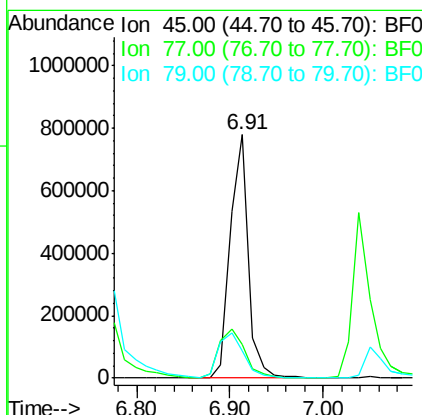
Manual Integrations
APPROVED

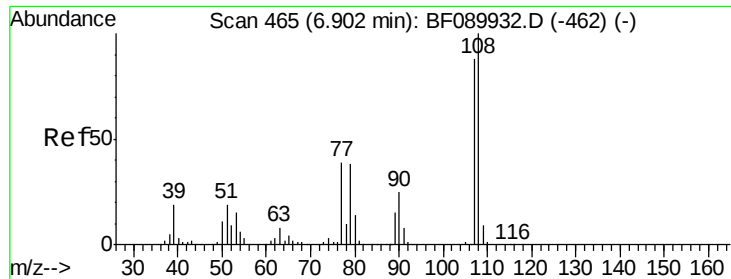
umangi
9/8/2016 12:53:11 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.07 ng
RT: 6.91 min Scan# 466
Delta R.T. -0.02 min
Lab File: BF089999.D
Acq: 7 Sep 2016 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	1062233		
77	13.8	0.0	30.3	
79	11.3	0.0	27.5	





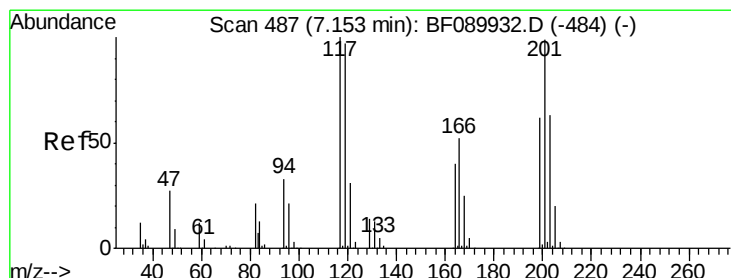
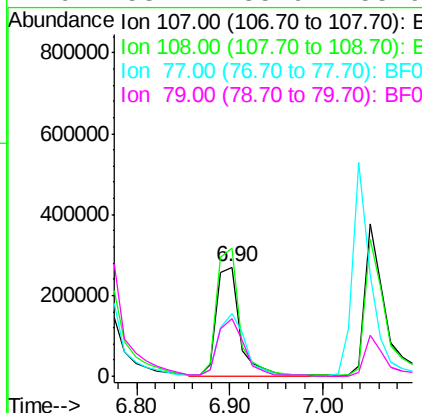
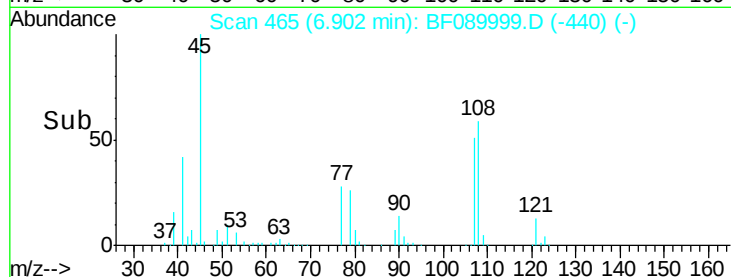
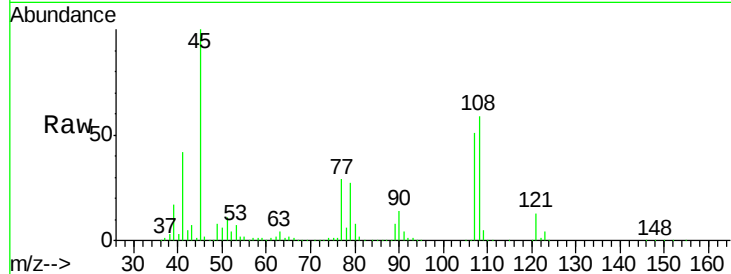
#17
2-Methylphenol
Concen: 39.10 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF089999.D
Acq: 7 Sep 2016 12:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	107	Resp:	463623
Ion Ratio	Lower	Upper	
107	100		
108	116.7	91.8	137.6
77	57.5	36.0	54.0#
79	53.2	35.9	53.9

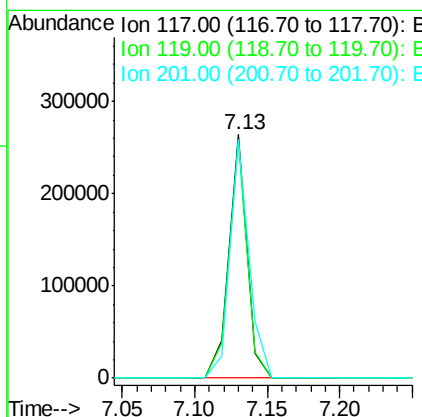
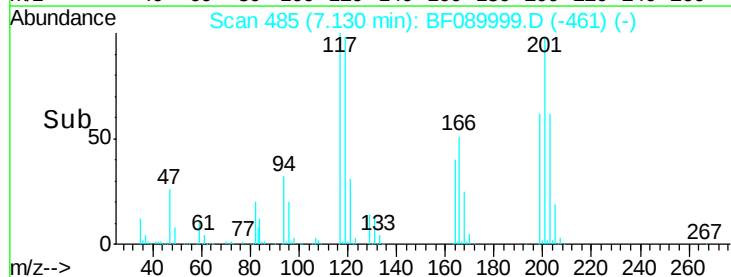
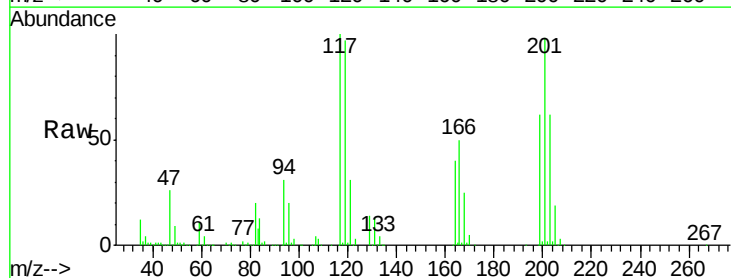
Manual Integrations
APPROVED

umangi
9/8/2016 12:53:11 PM



#18
Hexachloroethane
Concen: 39.43 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.02 min
Lab File: BF089999.D
Acq: 7 Sep 2016 12:31

Tgt Ion:	117	Resp:	229154
Ion Ratio	Lower	Upper	
117	100		
119	97.4	76.2	114.2
201	97.7	80.2	120.2





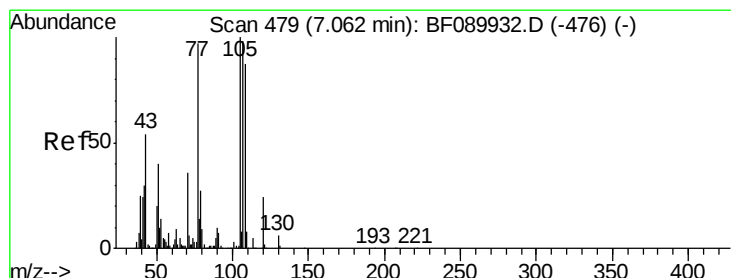
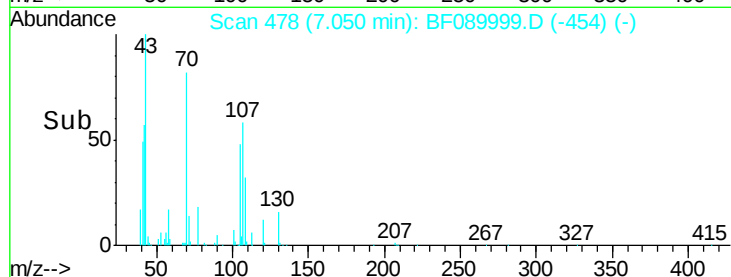
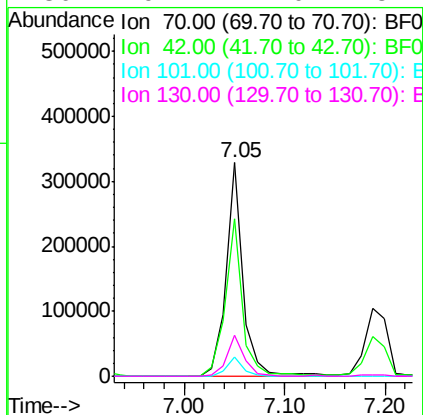
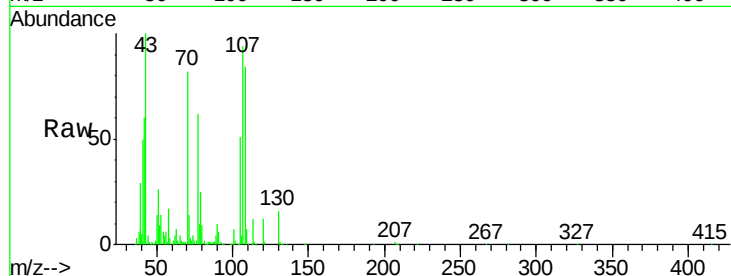
#19
n-Nitroso-di-n-propylamine
Concen: 35.67 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.02 min
Lab File: BF089999.D
Acq: 7 Sep 2016 12:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
70	100		
42	73.5	52.1	78.1
101	8.9	7.4	11.2
130	19.2	17.0	25.4

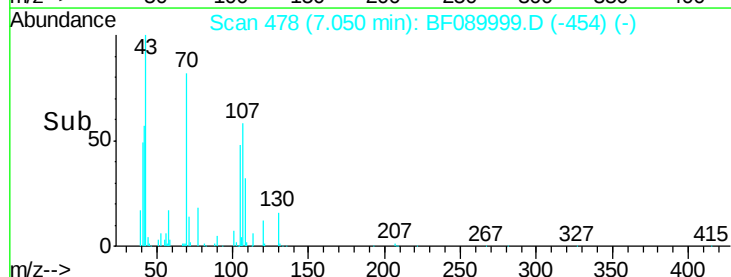
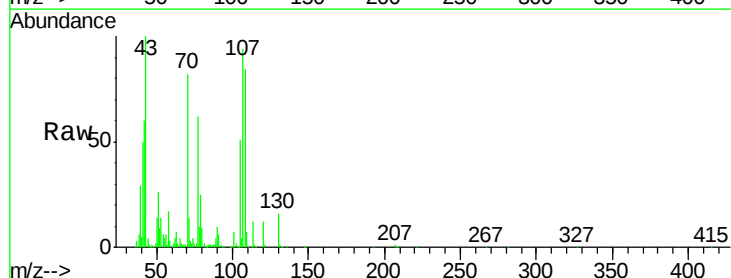
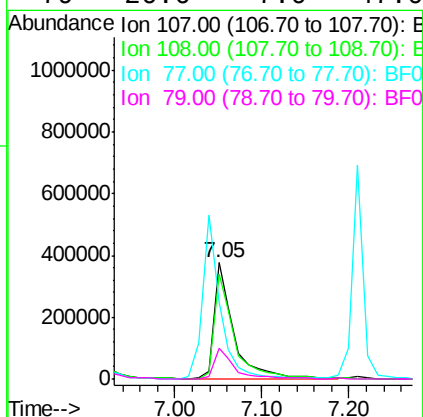
Manual Integrations
APPROVED

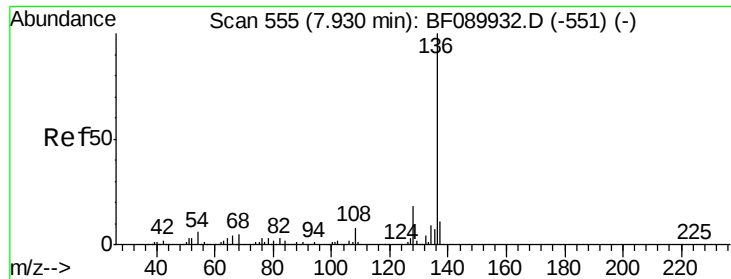
umangi
9/8/2016 12:53:11 PM



#20
3+4-Methylphenols
Concen: 41.07 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.02 min
Lab File: BF089999.D
Acq: 7 Sep 2016 12:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.7	70.2	110.2
77	66.2	75.7	115.7#
79	26.6	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.02 min

Lab File: BF089999.D

Acq: 7 Sep 2016 12:31

Instrument :

BNA_F

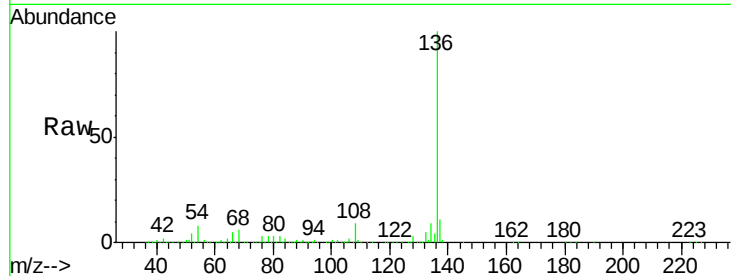
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	917149		
137	10.9	8.3	12.5	
54	8.4	4.8	7.2#	
68	5.9	3.7	5.5#	

Manual Integrations
APPROVED

umangi
9/8/2016 12:53:11 PM

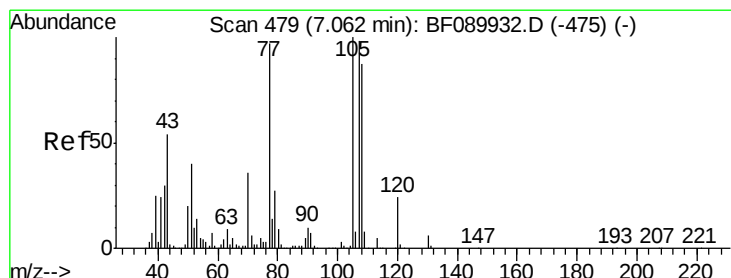
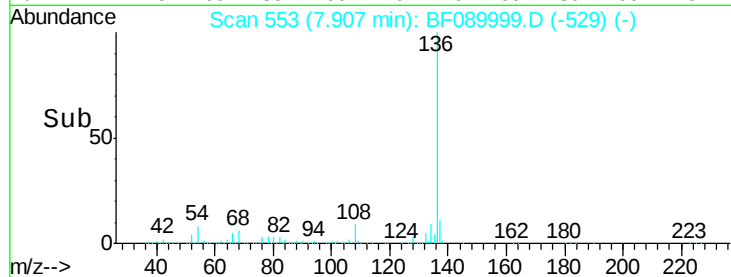
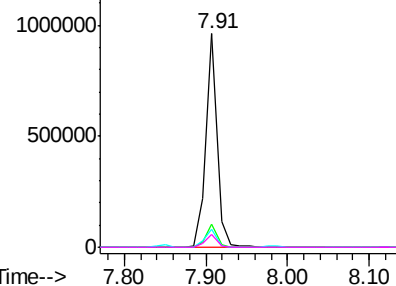


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.87 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.02 min

Lab File: BF089999.D

Acq: 7 Sep 2016 12:31

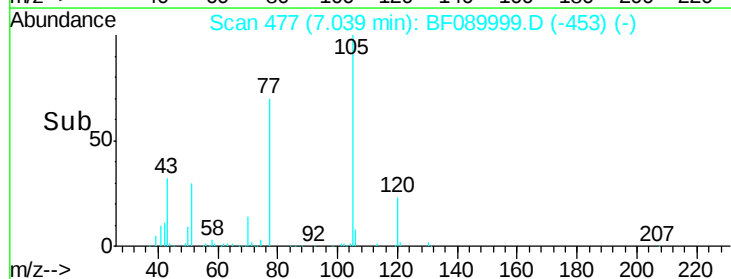
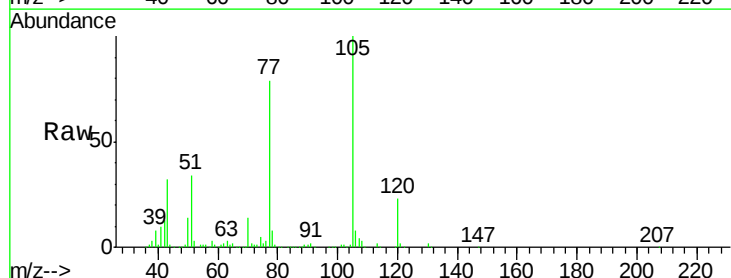
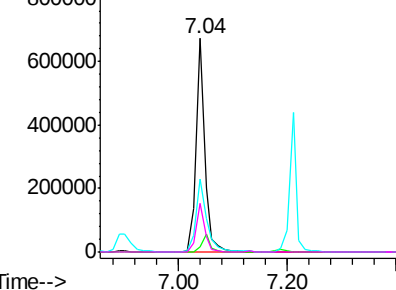
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	758683		
71	2.4	5.3	7.9#	
51	34.4	32.6	48.8	
120	22.9	18.6	28.0	

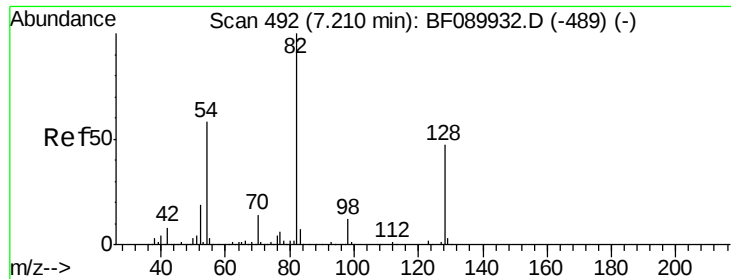
Abundance Ion 105.00 (104.70 to 105.70): E

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





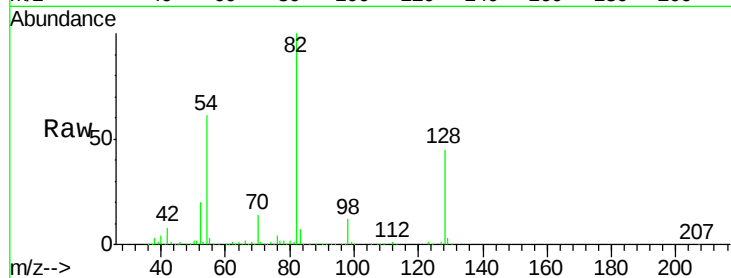
#23
Nitrobenzene-d5
Concen: 73.48 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.02 min
Lab File: BF089999.D
Acq: 7 Sep 2016 12:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

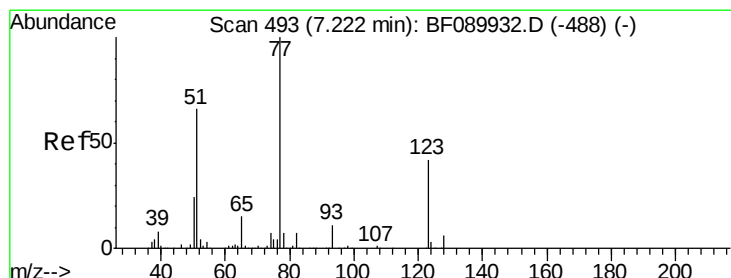
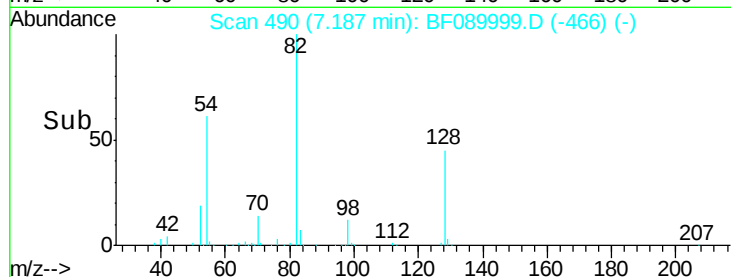
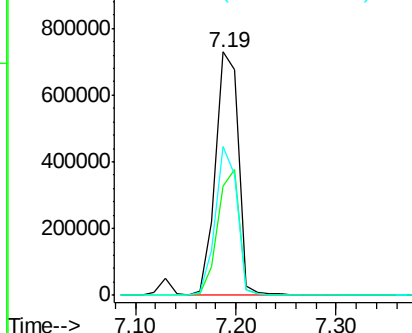
Tgt Ion: 82 Resp: 1162062
Ion Ratio Lower Upper
82 100
128 45.0 37.8 56.8
54 61.3 46.9 70.3

Manual Integrations
APPROVED

umangi
9/8/2016 12:53:11 PM

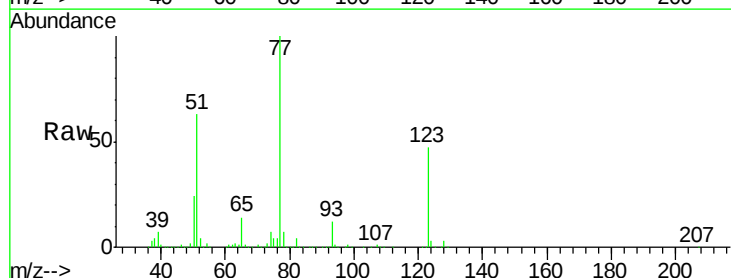


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

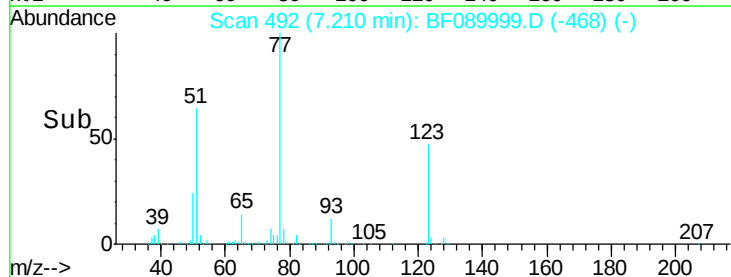
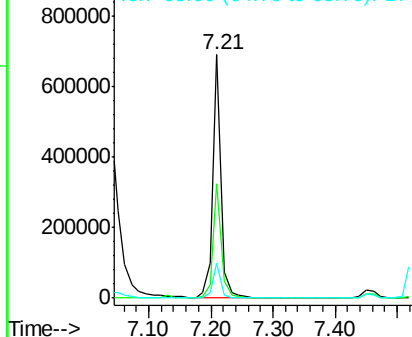


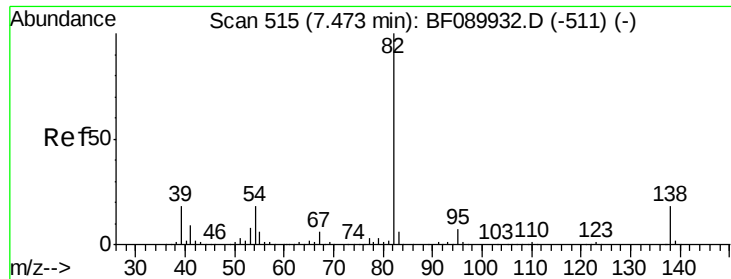
#24
Nitrobenzene
Concen: 37.41 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.02 min
Lab File: BF089999.D
Acq: 7 Sep 2016 12:31

Tgt Ion: 77 Resp: 628950
Ion Ratio Lower Upper
77 100
123 46.7 32.0 48.0
65 14.1 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 36.23 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF089999.D

Acq: 7 Sep 2016 12:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1164941

Ion Ratio Lower Upper

82 100

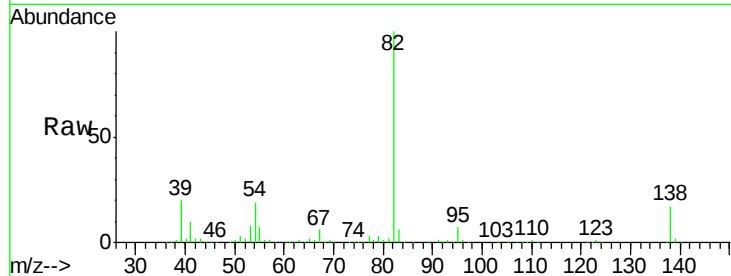
95 6.5 5.5 8.3

138 16.9 14.4 21.6

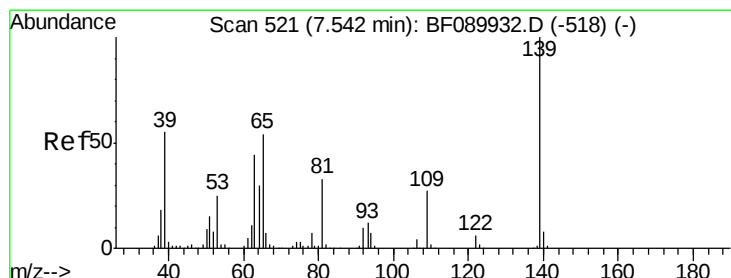
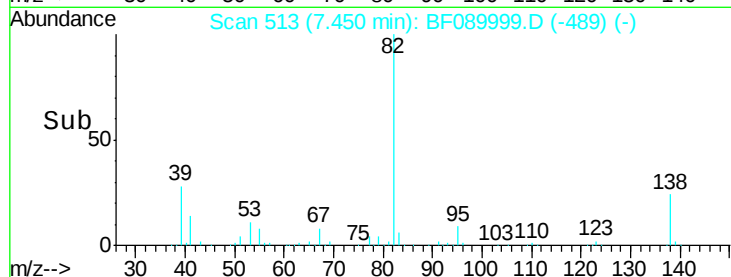
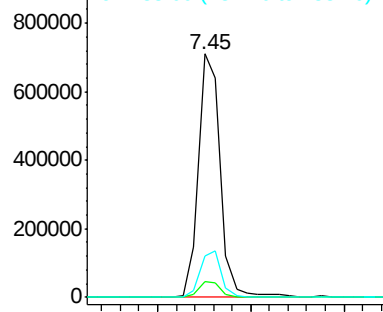
Manual Integrations
APPROVED

umangi

9/8/2016 12:53:11 PM



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.06 ng

RT: 7.53 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF089999.D

Acq: 7 Sep 2016 12:31

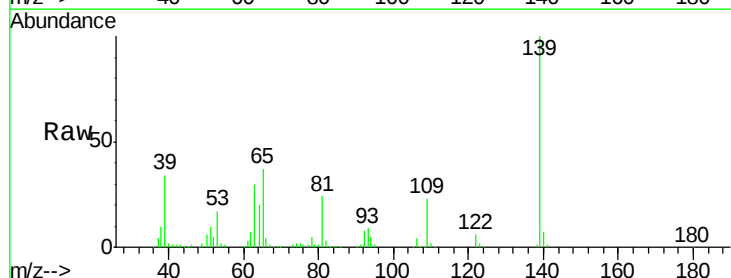
Tgt Ion: 139 Resp: 346091

Ion Ratio Lower Upper

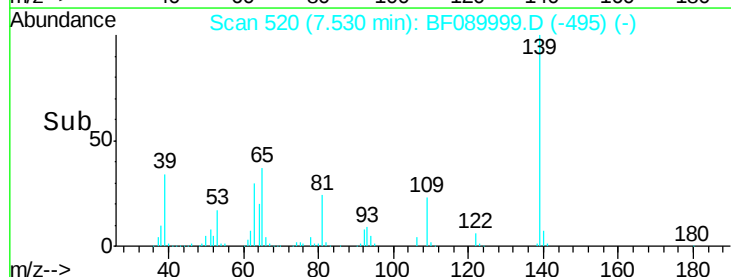
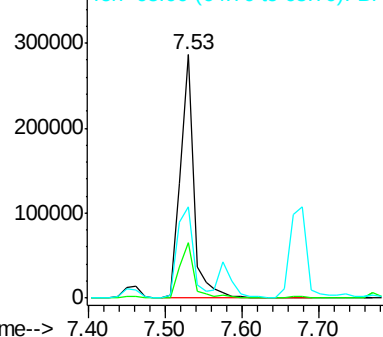
139 100

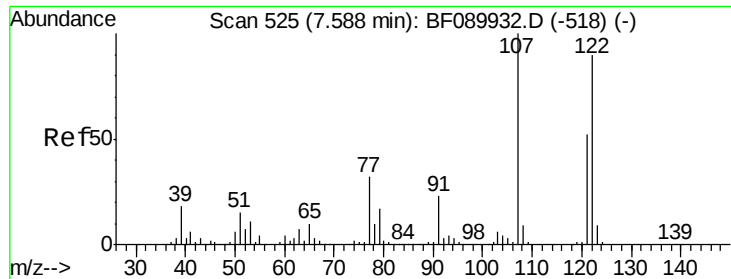
109 22.6 21.0 31.4

65 37.4 43.4 65.0#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





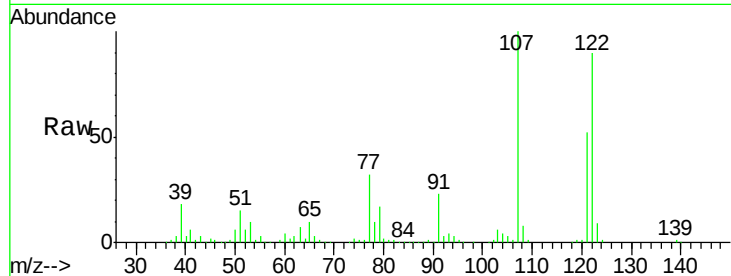
#27
 2,4-Dimethylphenol
 Concen: 36.05 ng
 RT: 7.58 min Scan# 524
 Delta R.T. -0.02 min
 Lab File: BF089999.D
 Acq: 7 Sep 2016 12:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

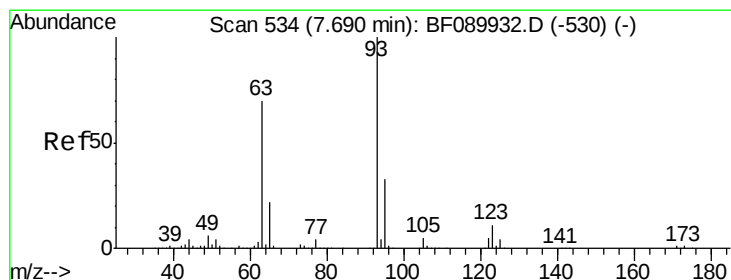
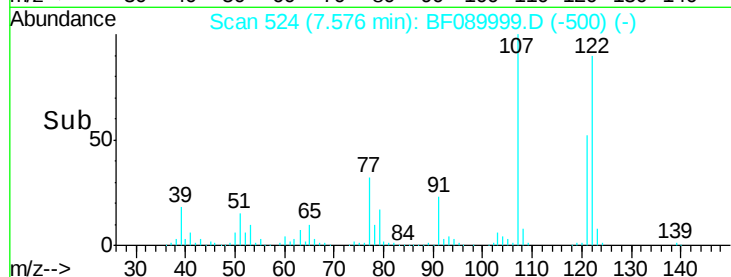
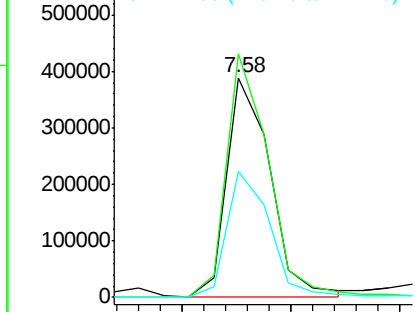
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	535990		
107	110.9	88.5	132.7	
121	57.6	46.0	69.0	

Manual Integrations
 APPROVED

umangi
 9/8/2016 12:53:11 PM

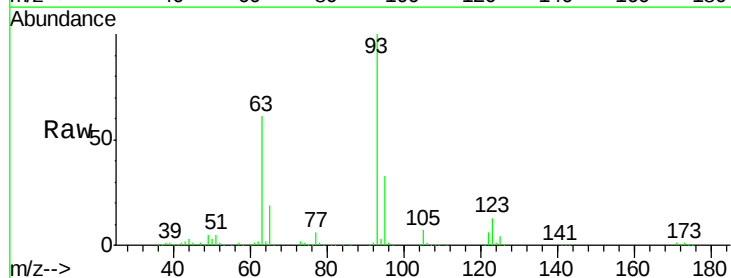


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

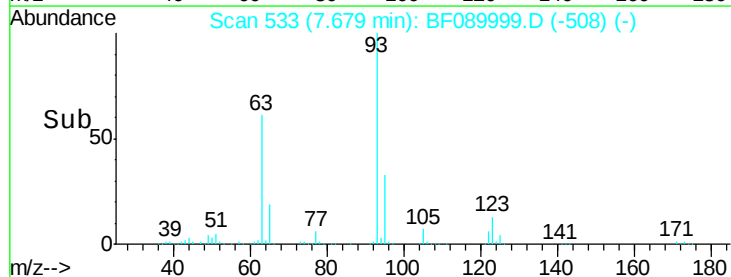
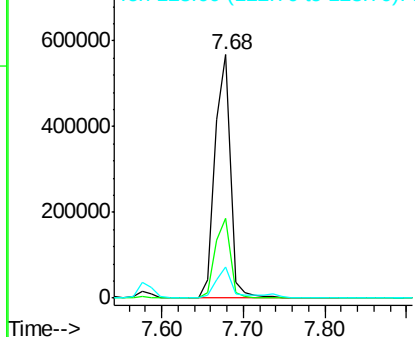


#28
 bis(2-Chloroethoxy)methane
 Concen: 38.64 ng
 RT: 7.68 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: BF089999.D
 Acq: 7 Sep 2016 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	749390		
95	32.8	26.6	40.0	
123	12.9	9.1	13.7	



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E





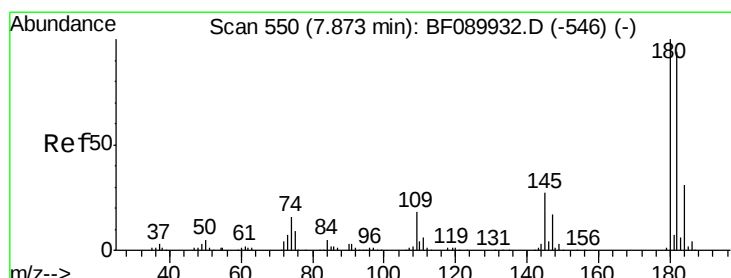
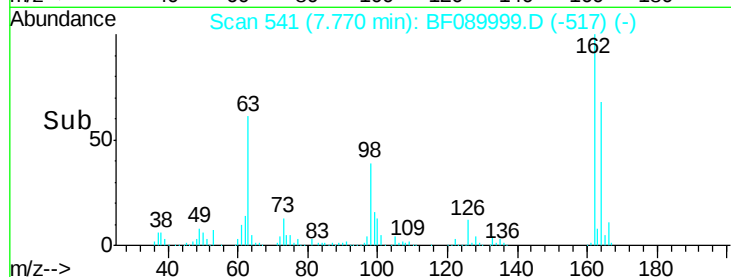
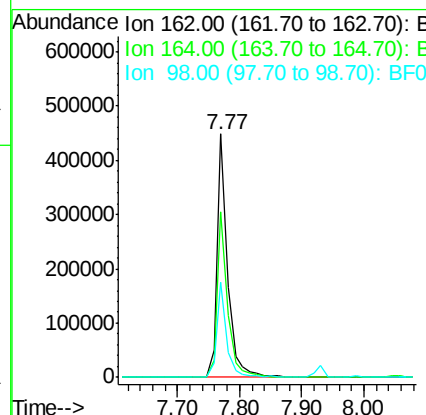
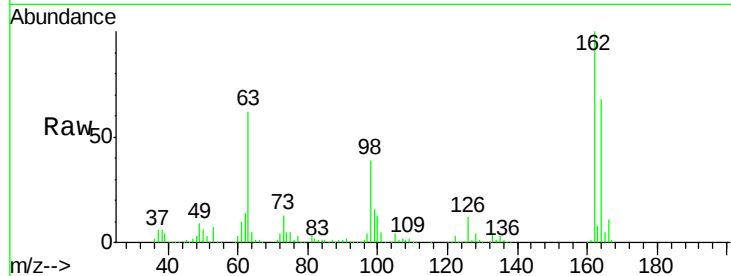
#29
 2,4-Dichlorophenol
 Concen: 38.84 ng
 RT: 7.77 min Scan# 541
 Delta R.T. -0.02 min
 Lab File: BF089999.D
 Acq: 7 Sep 2016 12:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	162	Resp:	517650
Ion Ratio	Lower	Upper	
162	100		
164	67.9	46.6	86.6
98	39.1	22.0	62.0

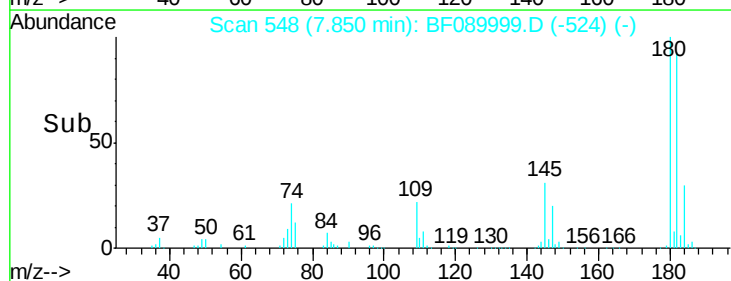
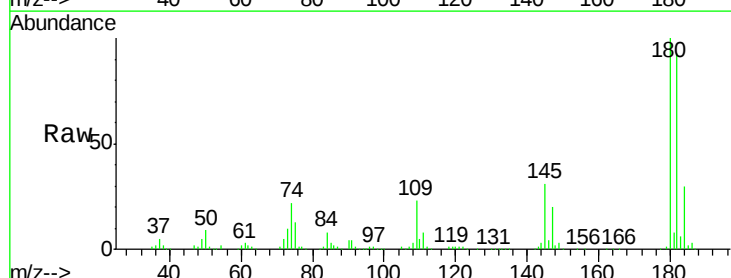
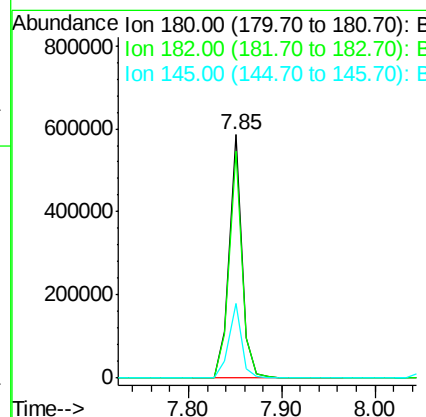
Manual Integrations
 APPROVED

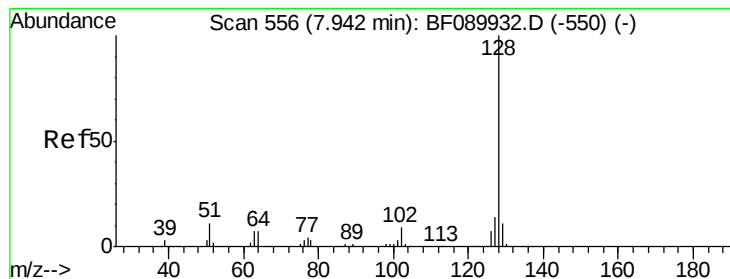
umangi
 9/8/2016 12:53:11 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.42 ng
 RT: 7.85 min Scan# 548
 Delta R.T. -0.02 min
 Lab File: BF089999.D
 Acq: 7 Sep 2016 12:31

Tgt Ion:	180	Resp:	559882
Ion Ratio	Lower	Upper	
180	100		
182	93.1	76.2	114.2
145	30.7	22.2	33.4





#31

Naphthalene

Concen: 37.39 ng

RT: 7.93 min Scan# 555

Delta R.T. -0.02 min

Lab File: BF089999.D

Acq: 7 Sep 2016 12:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 1708537

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.0

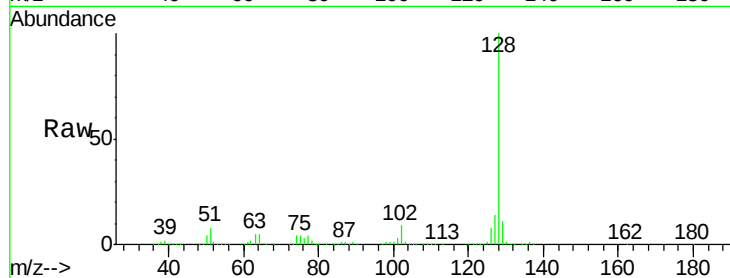
127 13.8 10.7 16.1

Manual Integrations

APPROVED

umangi

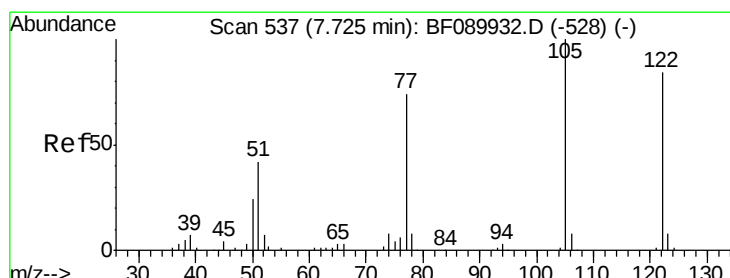
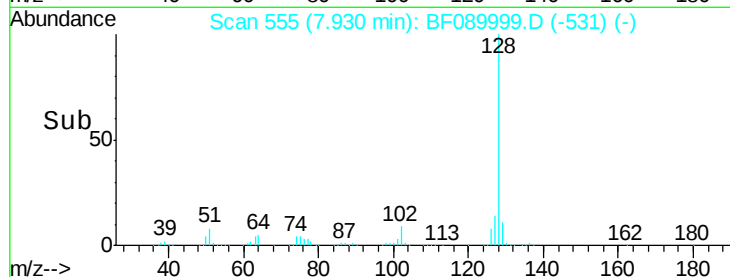
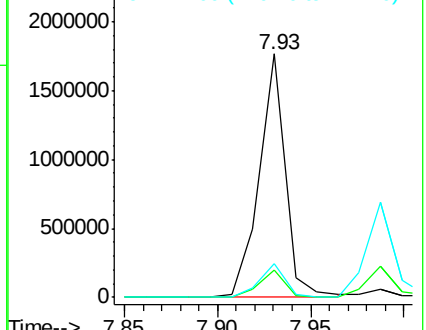
9/8/2016 12:53:11 PM



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: 44.68 ng

RT: 7.74 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF089999.D

Acq: 7 Sep 2016 12:31

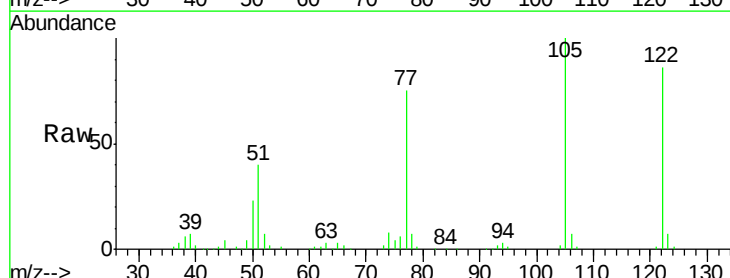
Tgt Ion:122 Resp: 447411

Ion Ratio Lower Upper

122 100

105 116.1 102.2 142.2

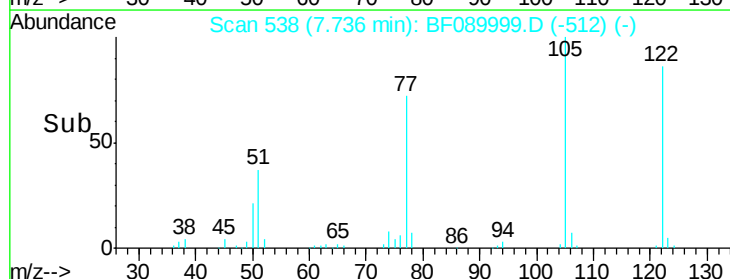
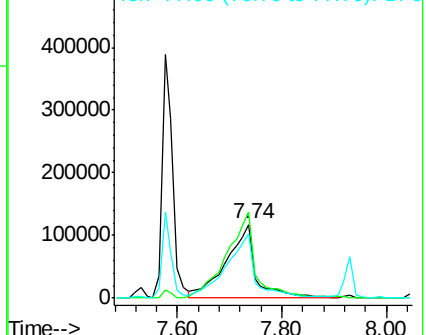
77 87.3 74.1 114.1



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





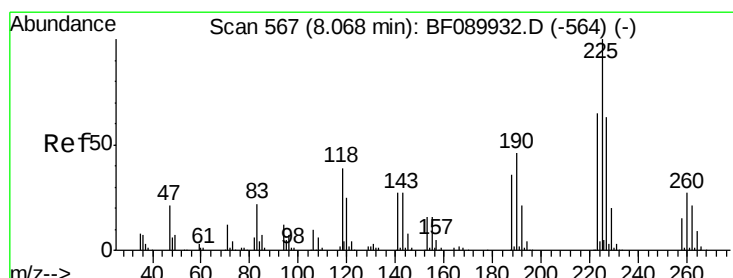
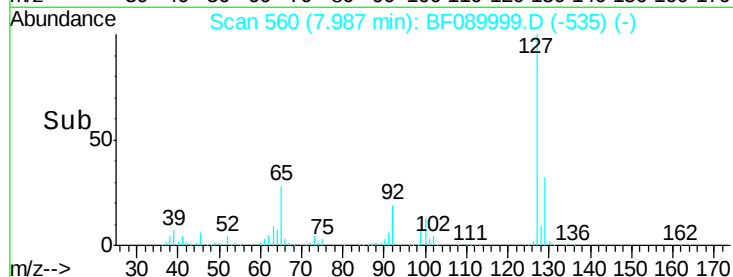
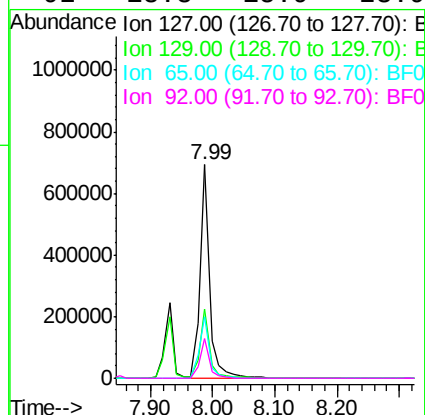
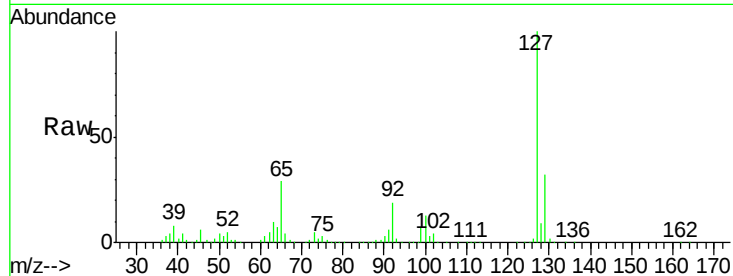
#33
4-Chloroaniline
Concen: 40.63 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF089999.D
Acq: 7 Sep 2016 12:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	749010		
129	32.4	25.9	38.9	
65	28.8	26.0	39.0	
92	18.8	15.9	23.9	

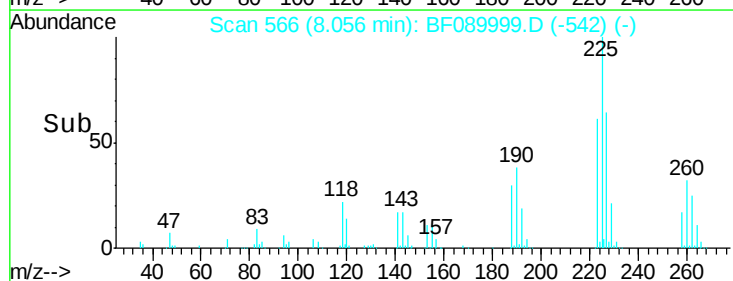
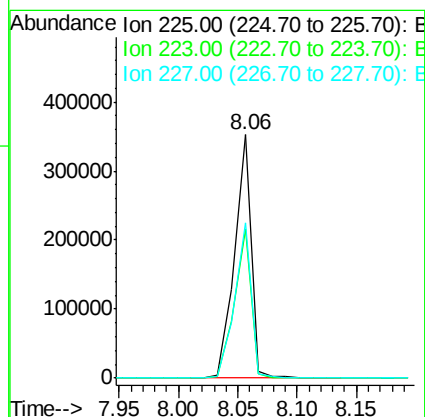
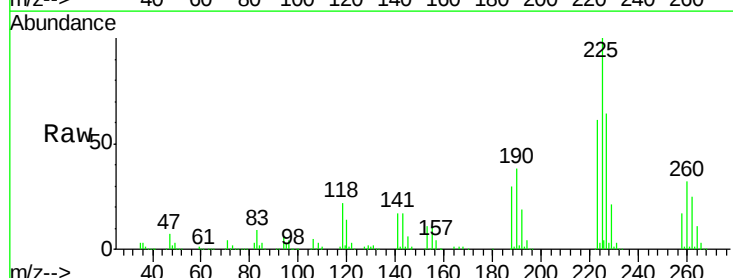
Manual Integrations
APPROVED

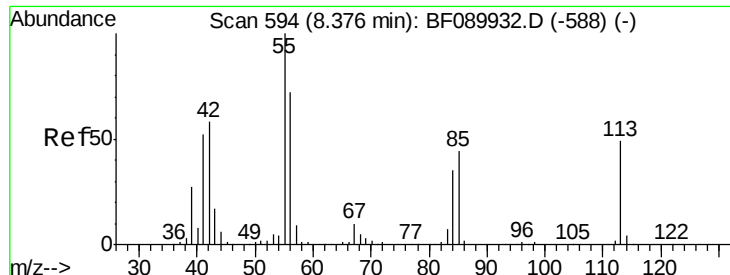
umangi
9/8/2016 12:53:11 PM



#34
Hexachlorobutadiene
Concen: 40.38 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.02 min
Lab File: BF089999.D
Acq: 7 Sep 2016 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	344833		
223	61.3	52.6	78.8	
227	63.6	50.8	76.2	





#35

Caprolactam

Concen: 39.67 ng

RT: 8.38 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF089999.D

Acq: 7 Sep 2016 12:31

Instrument :

BNA_F

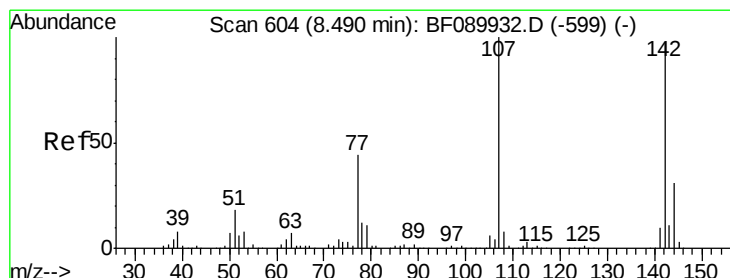
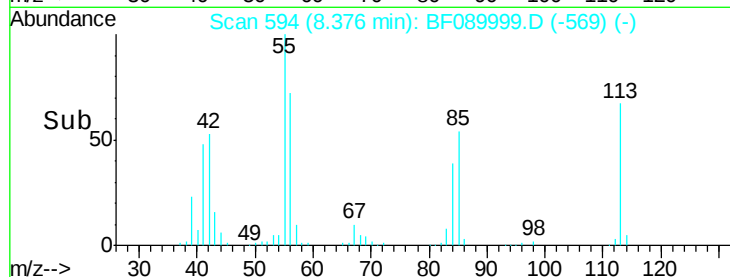
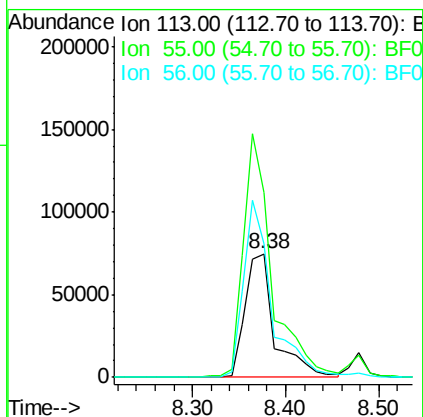
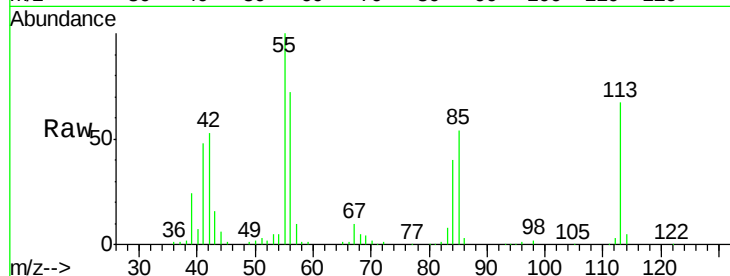
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	166881		
55	149.4	178.5	218.5#	
56	108.0	122.7	162.7#	

Manual Integrations
APPROVED

umangi
9/8/2016 12:53:11 PM



#36

4-Chloro-3-methylphenol

Concen: 40.31 ng

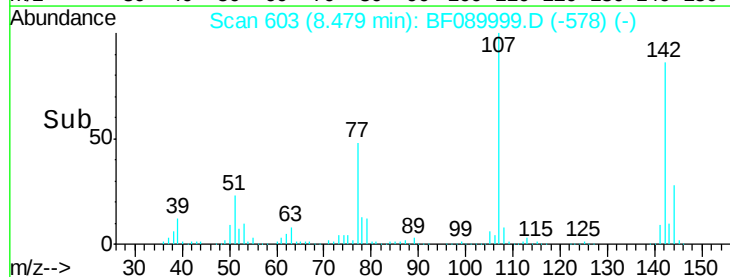
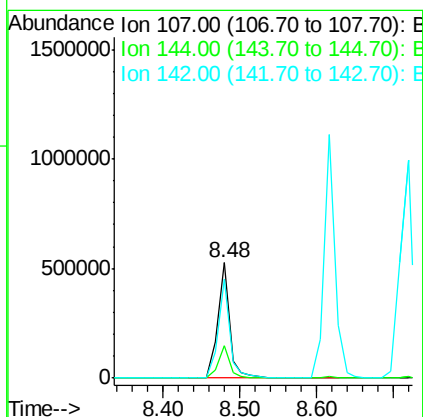
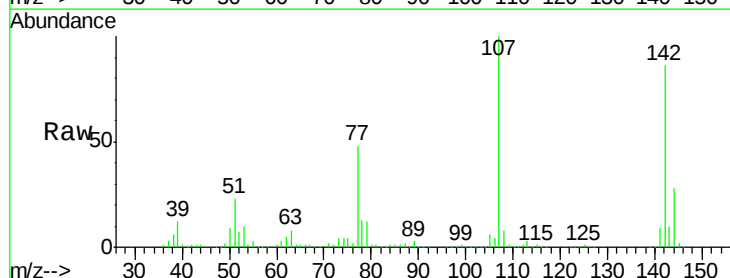
RT: 8.48 min Scan# 603

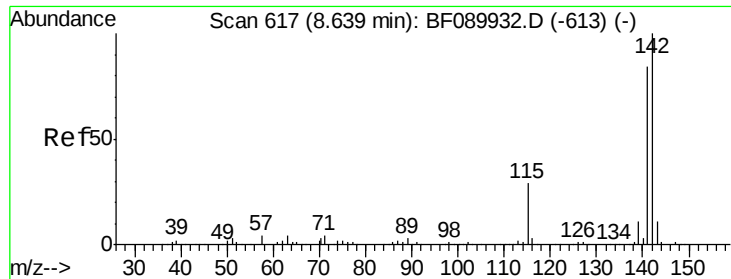
Delta R.T. -0.01 min

Lab File: BF089999.D

Acq: 7 Sep 2016 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	569008		
144	28.3	25.8	38.8	
142	85.7	79.2	118.8	





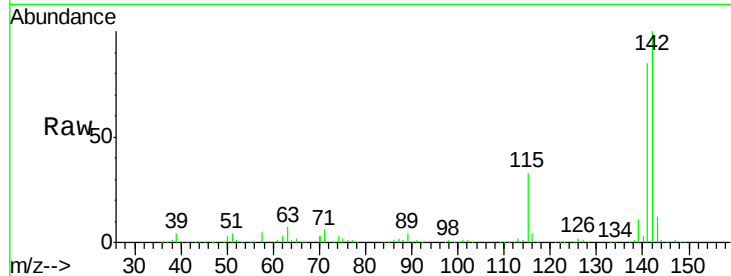
#37
 2-Methylnaphthalene
 Concen: 35.73 ng
 RT: 8.62 min Scan# 615
 Delta R.T. -0.02 min
 Lab File: BF089999.D
 Acq: 7 Sep 2016 12:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

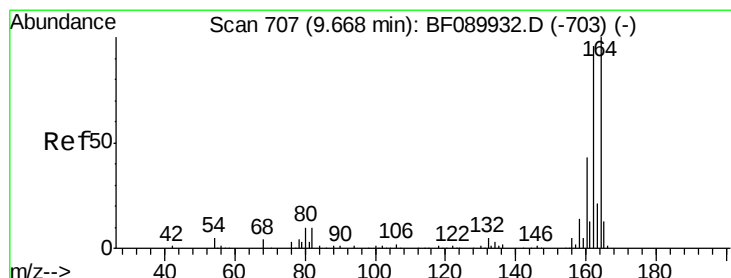
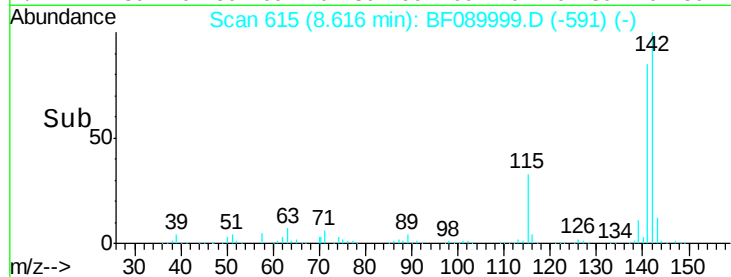
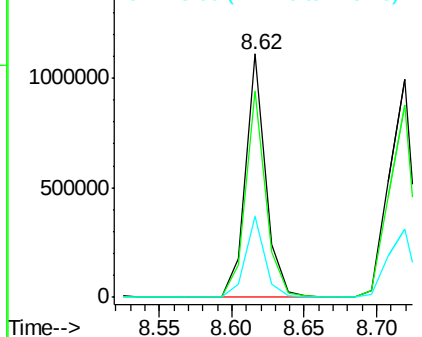
Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.8	68.3	102.5
115	33.2	23.8	35.8

Manual Integrations
 APPROVED

umangi
 9/8/2016 12:53:11 PM

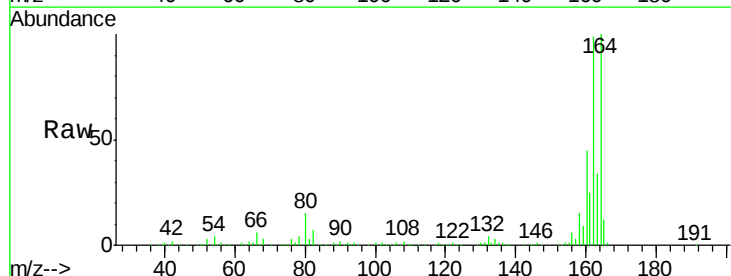


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

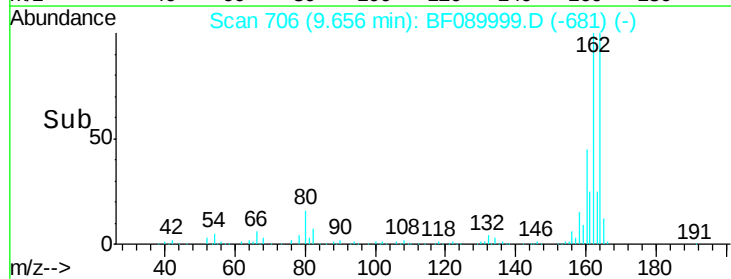
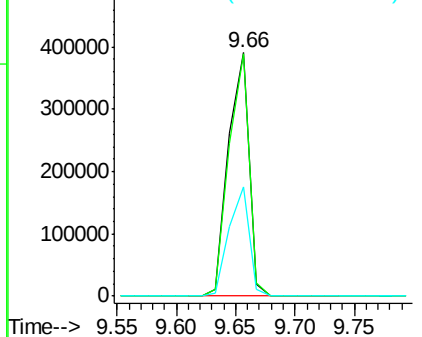


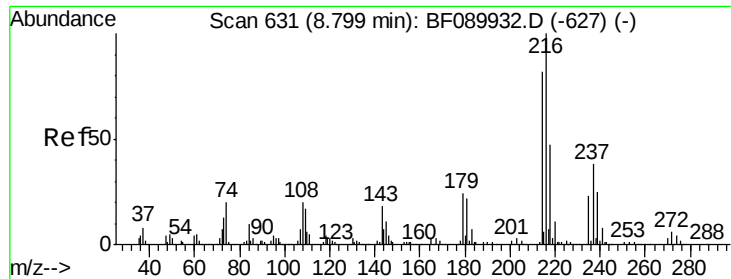
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BF089999.D
 Acq: 7 Sep 2016 12:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	77.1	115.7
160	44.8	35.3	52.9



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





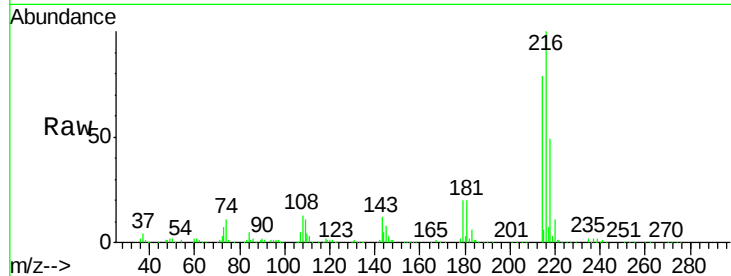
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.44 ng
 RT: 8.79 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF089999.D
 Acq: 7 Sep 2016 12:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

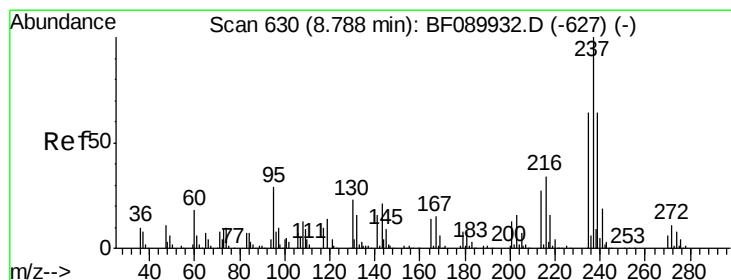
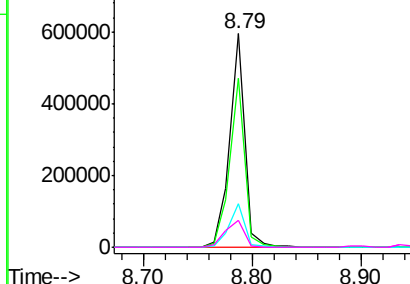
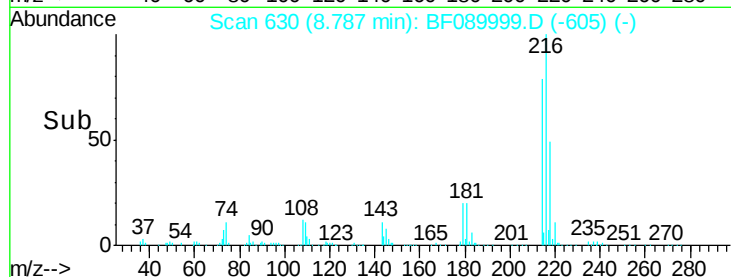
Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.4	95.2
179	21.0	17.3	25.9
108	16.5	15.5	23.3

Manual Integrations
 APPROVED

umangi
 9/8/2016 12:53:11 PM

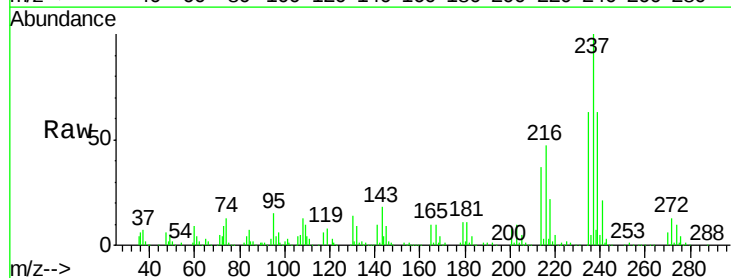


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

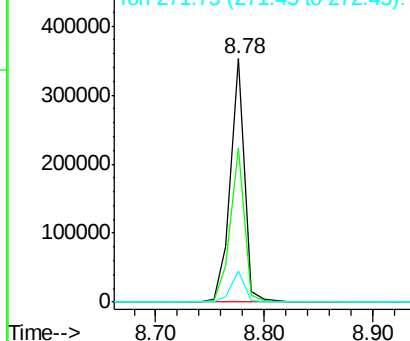
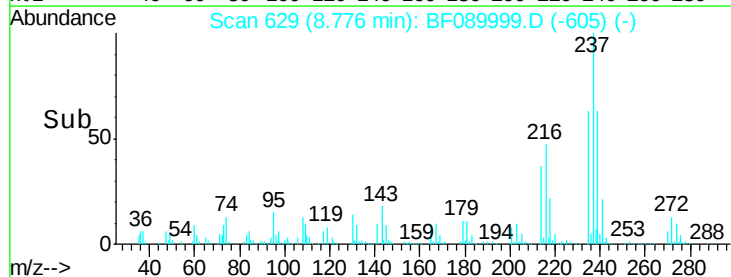


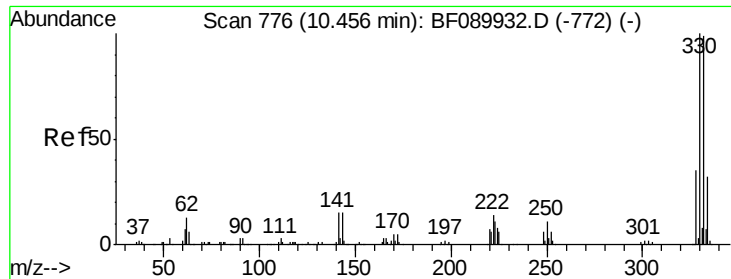
#40
 Hexachlorocyclopentadiene
 Concen: 44.63 ng
 RT: 8.78 min Scan# 629
 Delta R.T. -0.02 min
 Lab File: BF089999.D
 Acq: 7 Sep 2016 12:31

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.2	39.6	79.6
272	12.9	0.0	34.6



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





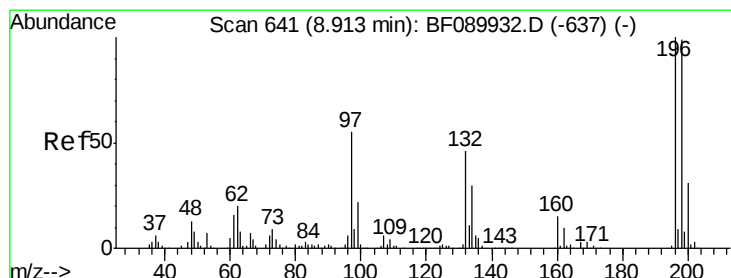
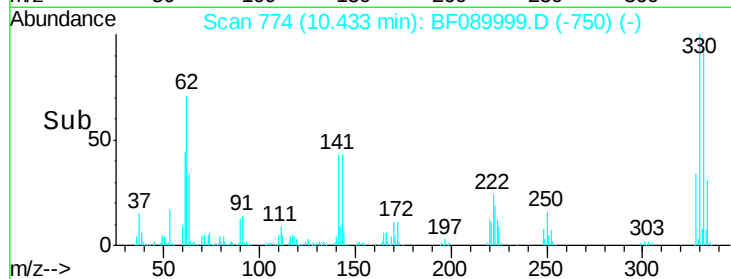
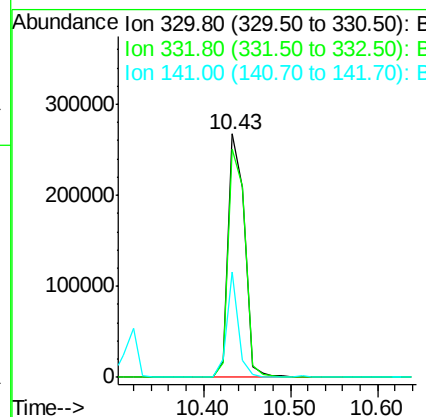
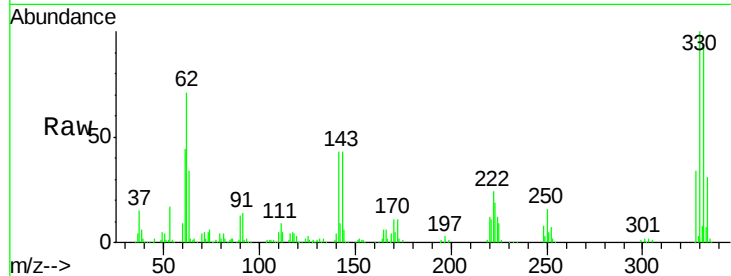
#41
 2,4,6-Tribromophenol
 Concen: 76.34 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF089999.D
 Acq: 7 Sep 2016 12:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	353997		
332	97.2	78.6	117.8	
141	31.3	23.3	34.9	

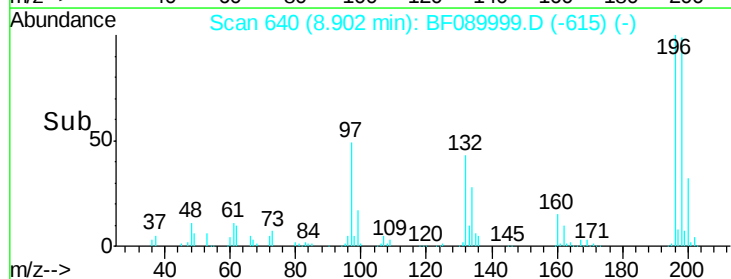
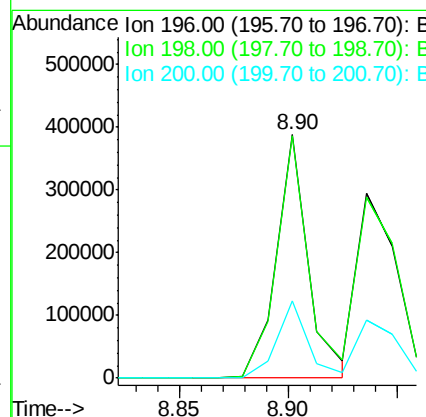
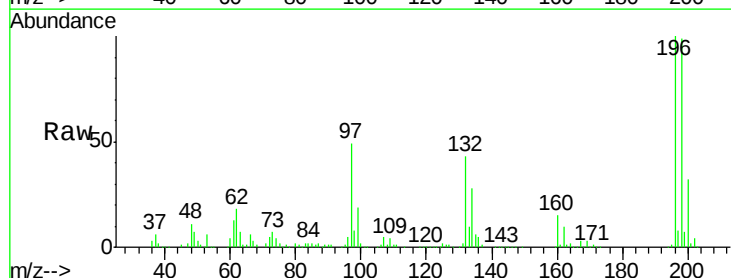
Manual Integrations
 APPROVED

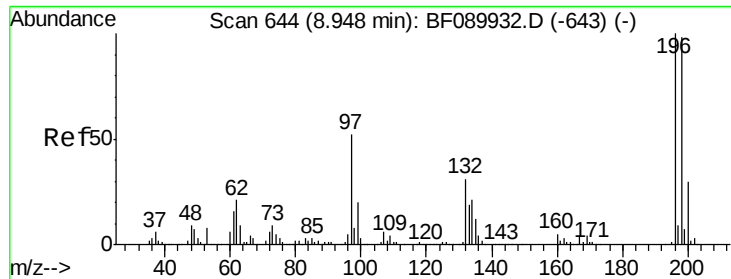
umangi
 9/8/2016 12:53:11 PM



#42
 2,4,6-Trichlorophenol
 Concen: 41.94 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF089999.D
 Acq: 7 Sep 2016 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	400185		
198	99.3	78.3	117.5	
200	31.7	24.8	37.2	





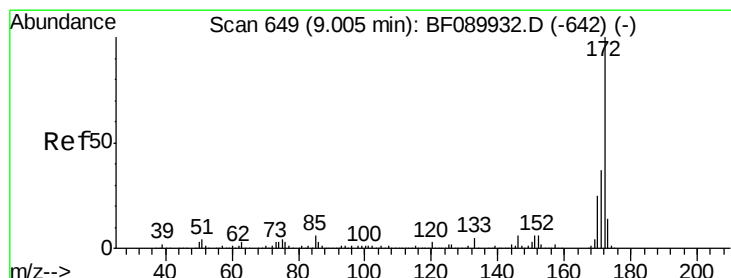
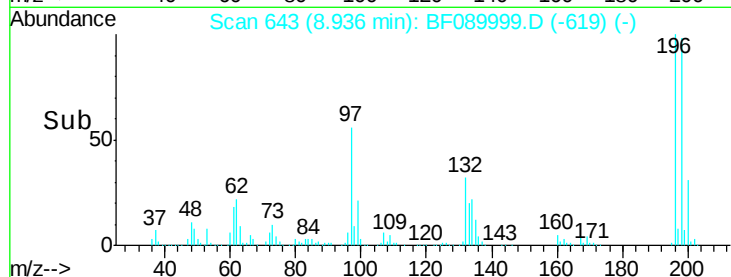
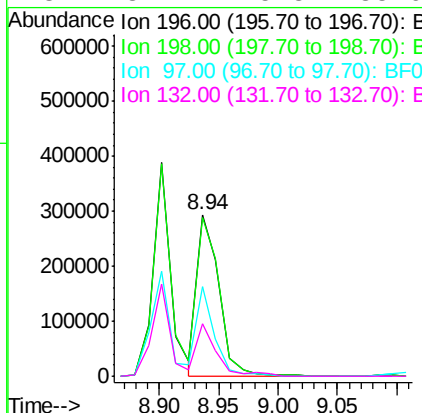
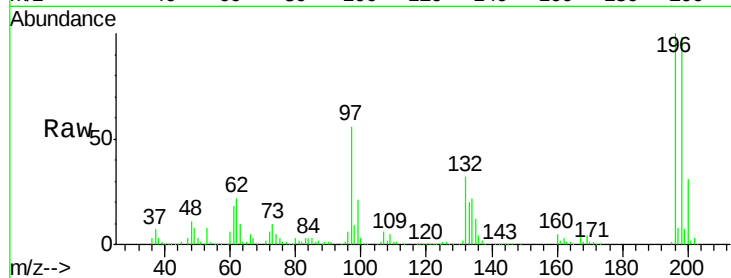
#43
 2,4,5-Trichlorophenol
 Concen: 41.83 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.02 min
 Lab File: BF089999.D
 Acq: 7 Sep 2016 12:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	196	Resp:	383843
Ion Ratio	Lower	Upper	
196	100		
198	97.9	80.8	121.2
97	55.5	44.2	66.4
132	32.1	25.8	38.6

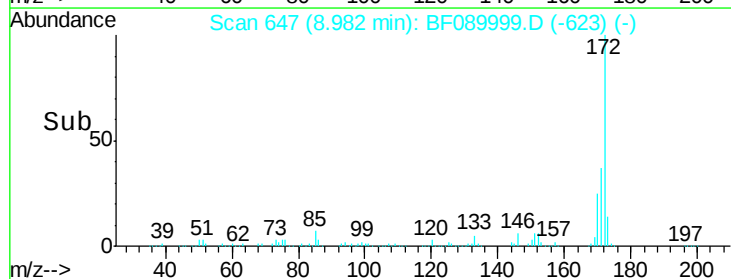
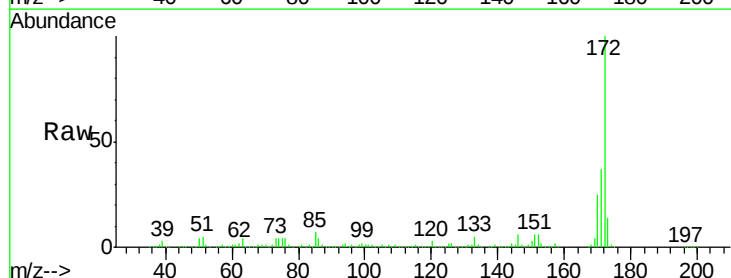
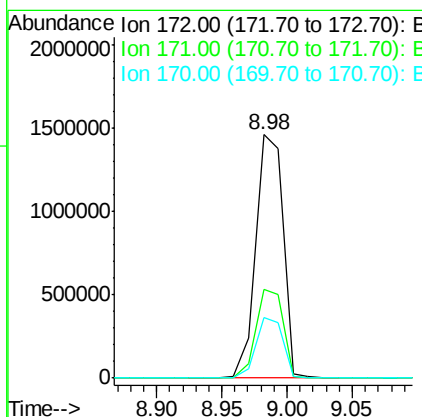
Manual Integrations
 APPROVED

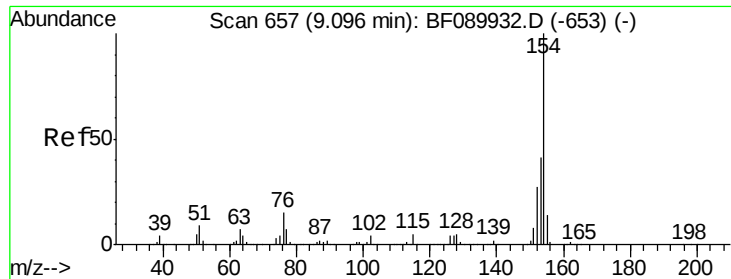
umangi
 9/8/2016 12:53:11 PM



#44
 2-Fluorobiphenyl
 Concen: 75.18 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.02 min
 Lab File: BF089999.D
 Acq: 7 Sep 2016 12:31

Tgt Ion:	172	Resp:	2152451
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.4	44.2
170	24.8	20.1	30.1





#45

1,1'-Biphenyl

Concen: 37.20 ng

RT: 9.08 min Scan# 656

Delta R.T. -0.02 min

Lab File: BF089999.D

Acq: 7 Sep 2016 12:31

Instrument :

BNA_F

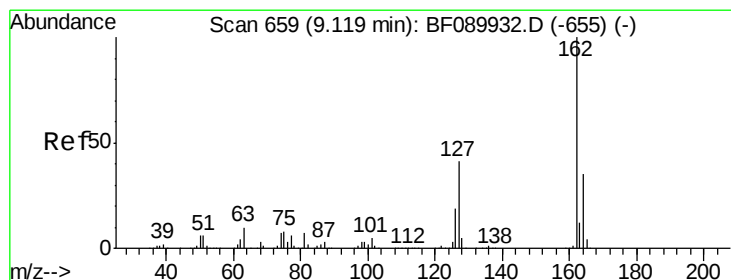
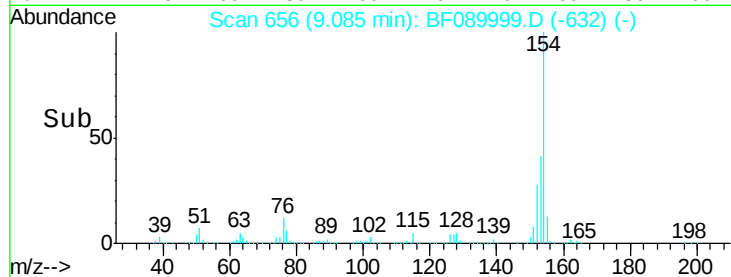
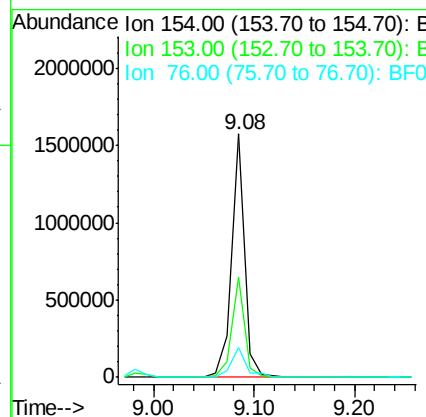
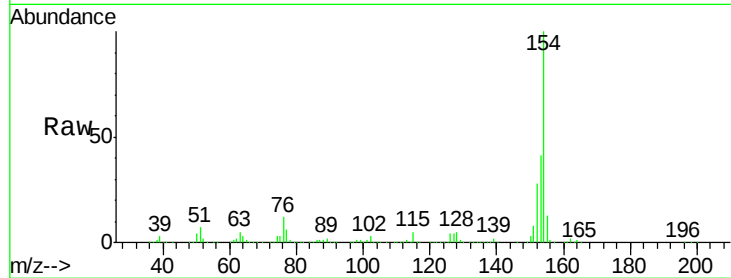
ClientSampleId :

SSTDCCC040

Tgt Ion:	154	Resp:	1407611
Ion Ratio	Lower	Upper	
154	100		
153	41.3	20.6	60.6
76	12.1	0.0	34.9

Manual Integrations
APPROVED

umangi
9/8/2016 12:53:11 PM



#46

2-Chloronaphthalene

Concen: 41.12 ng

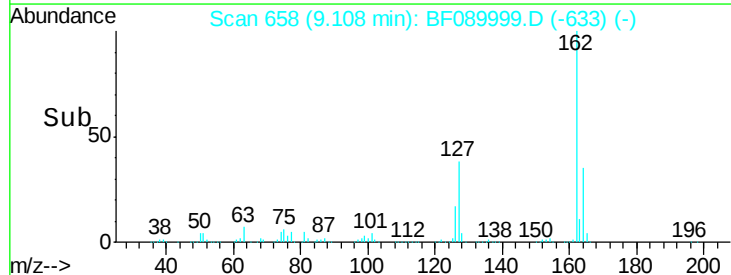
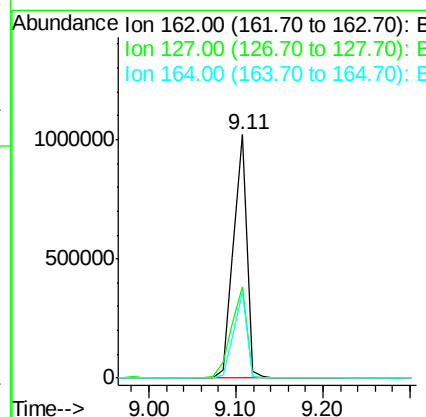
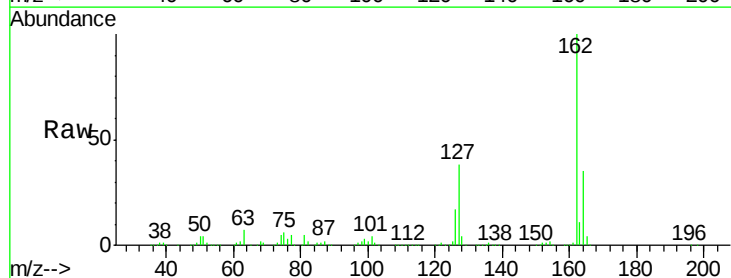
RT: 9.11 min Scan# 658

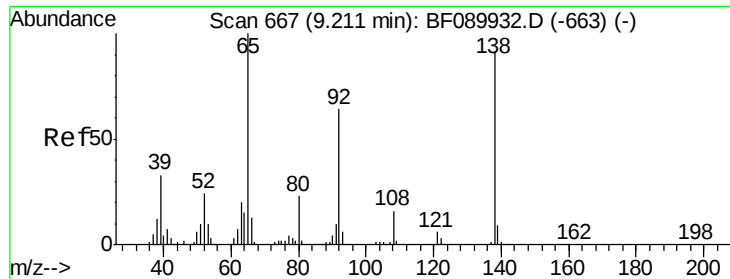
Delta R.T. -0.01 min

Lab File: BF089999.D

Acq: 7 Sep 2016 12:31

Tgt Ion:	162	Resp:	1100728
Ion Ratio	Lower	Upper	
162	100		
127	37.7	33.5	50.3
164	35.5	28.2	42.4





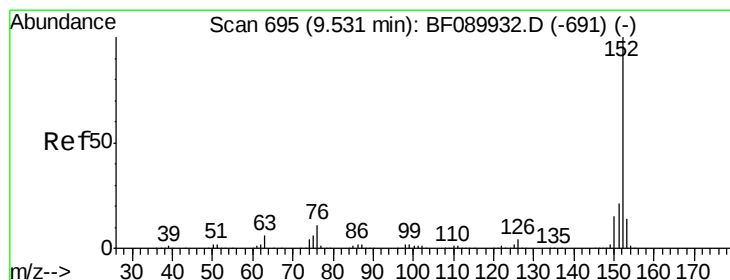
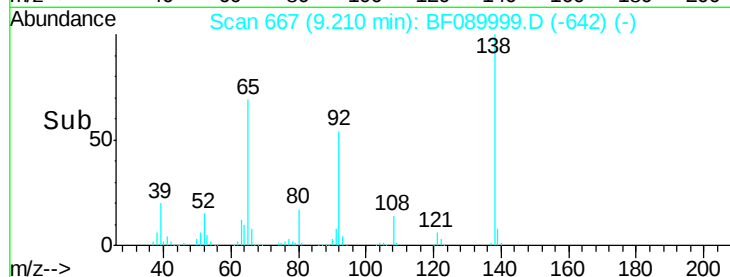
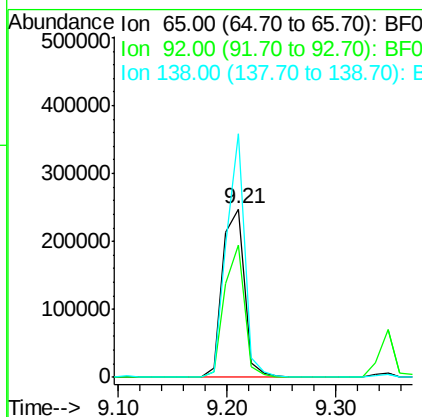
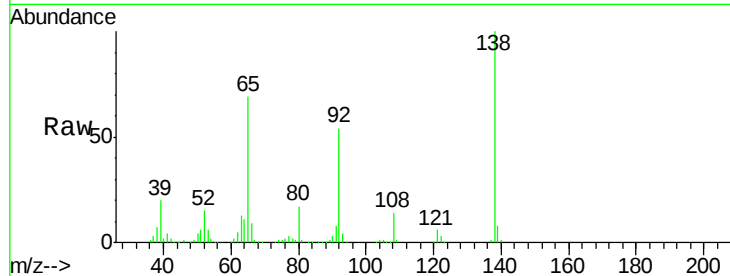
#47
2-Nitroaniline
Concen: 39.59 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF089999.D
Acq: 7 Sep 2016 12:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
65	100		
92	78.3	52.0	78.0#
138	144.6	72.1	108.1#

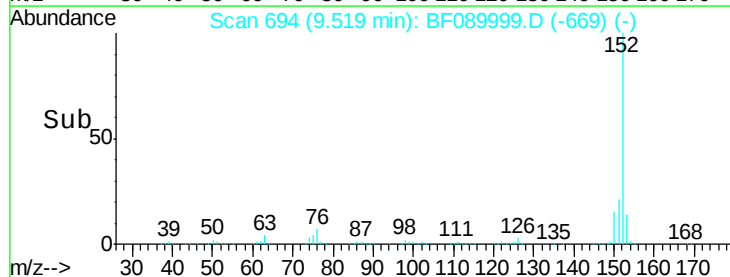
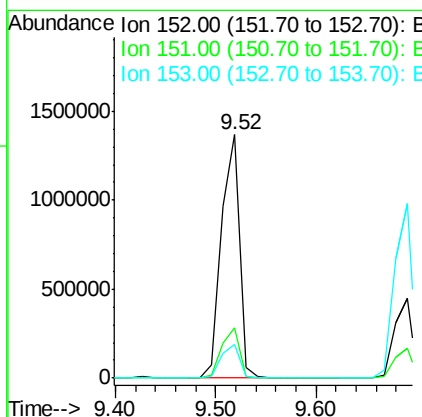
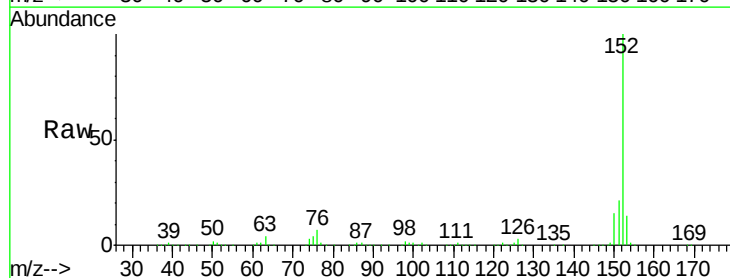
Manual Integrations
APPROVED

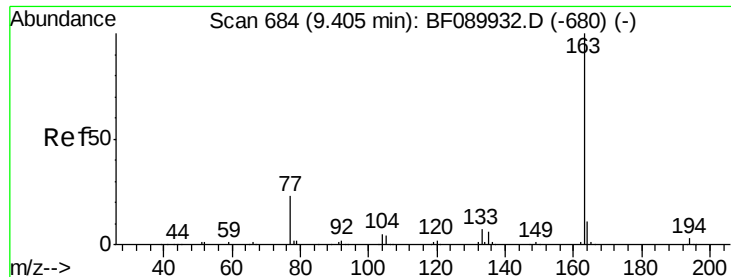
umangi
9/8/2016 12:53:11 PM



#48
Acenaphthylene
Concen: 38.55 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF089999.D
Acq: 7 Sep 2016 12:31

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.7	25.1
153	13.6	11.6	17.4





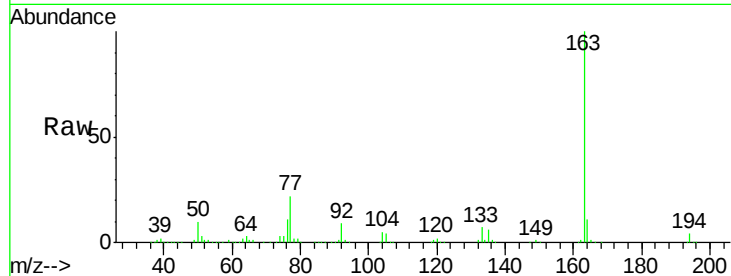
#49
Dimethylphthalate
Concen: 35.52 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.02 min
Lab File: BF089999.D
Acq: 7 Sep 2016 12:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

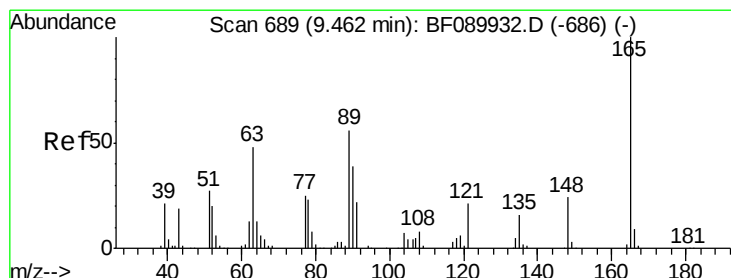
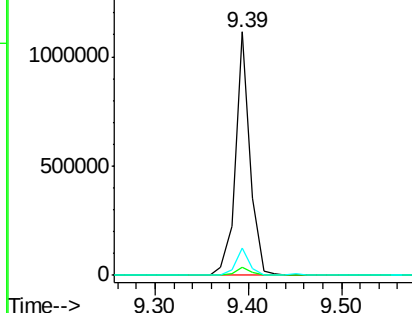
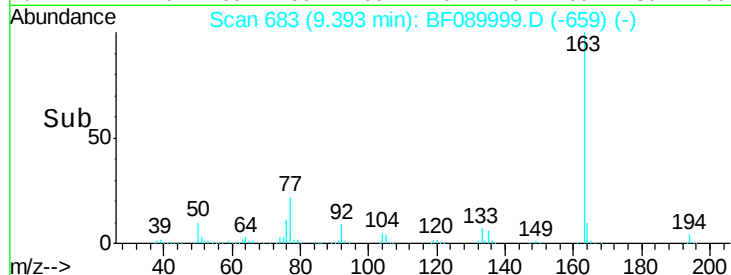
Tgt Ion:163 Resp: 1206526
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 11.1 9.0 13.4

Manual Integrations
APPROVED

umangi
9/8/2016 12:53:11 PM

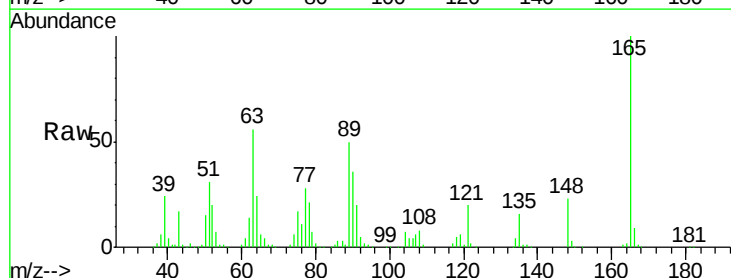


Abundance Ion 163.00 (162.70 to 163.70): E
1500000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

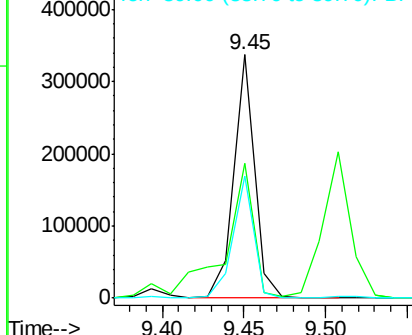
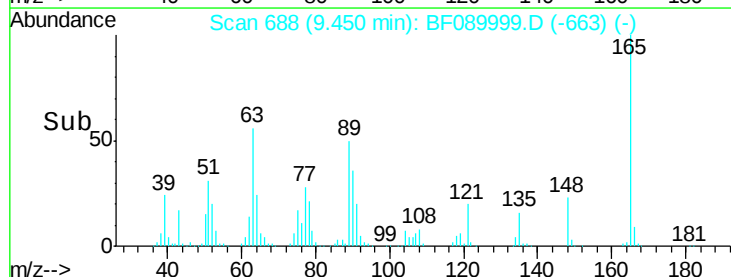


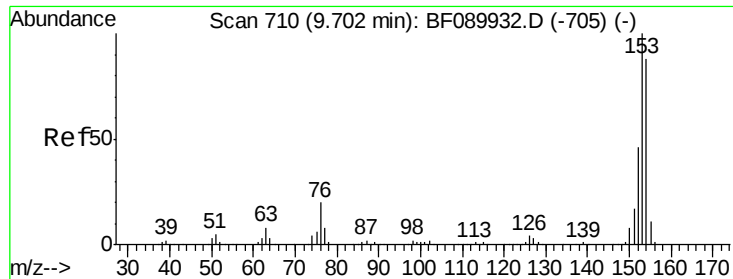
#50
2,6-Dinitrotoluene
Concen: 38.82 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF089999.D
Acq: 7 Sep 2016 12:31

Tgt Ion:165 Resp: 293293
Ion Ratio Lower Upper
165 100
63 55.5 45.0 67.4
89 50.3 41.5 62.3



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





#51

Acenaphthene

Concen: 40.91 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF089999.D

Acq: 7 Sep 2016 12:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:154 Resp: 1147140

Ion Ratio Lower Upper

154 100

153 113.1 90.6 135.8

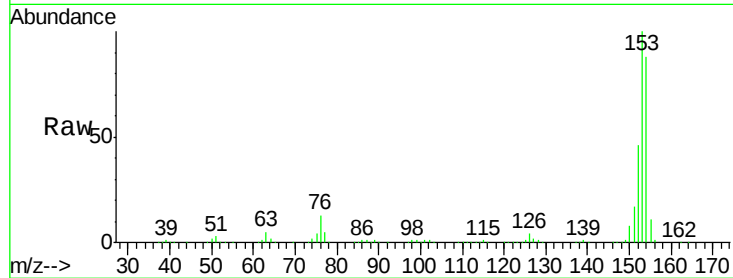
152 51.5 42.4 63.6

Manual Integrations

APPROVED

umangi

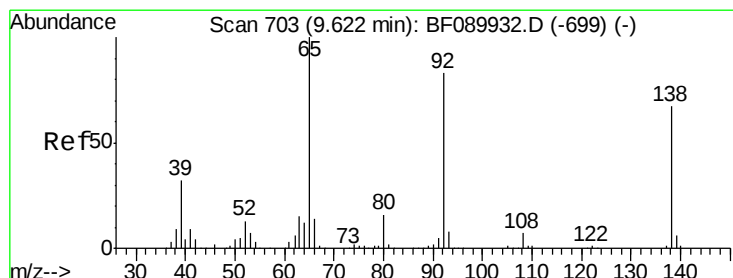
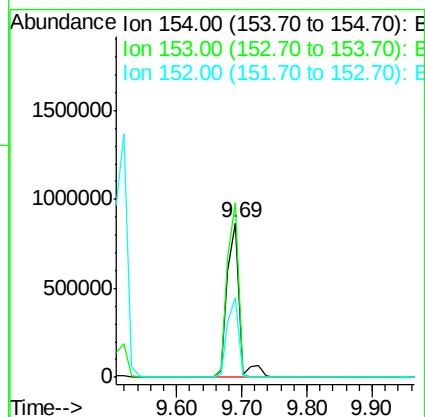
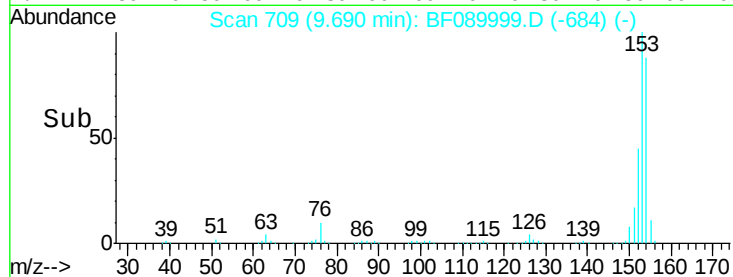
9/8/2016 12:53:11 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.26 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF089999.D

Acq: 7 Sep 2016 12:31

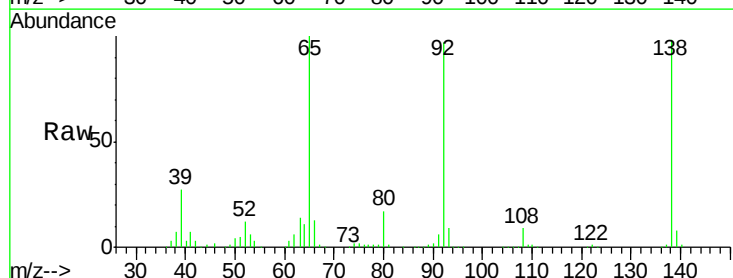
Tgt Ion:138 Resp: 364124

Ion Ratio Lower Upper

138 100

108 9.2 8.3 12.5

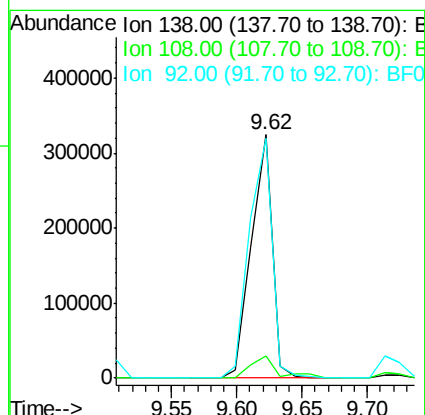
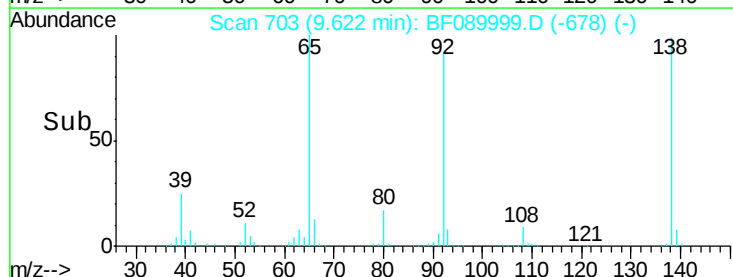
92 98.4 99.1 148.7#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





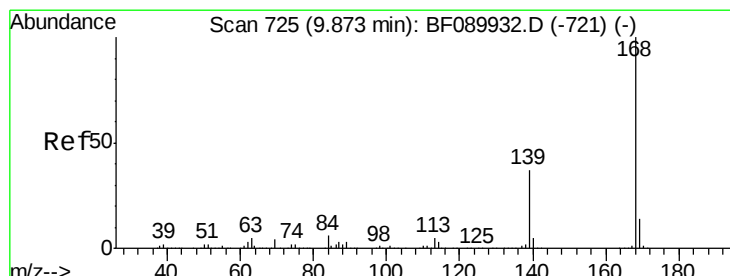
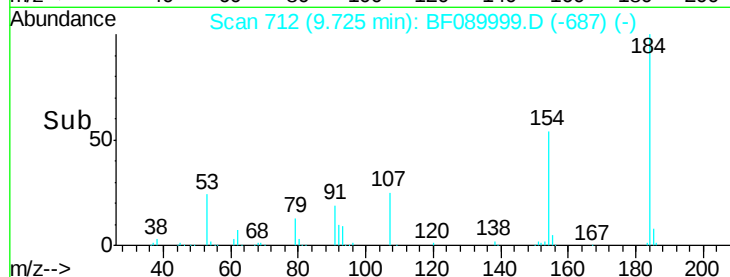
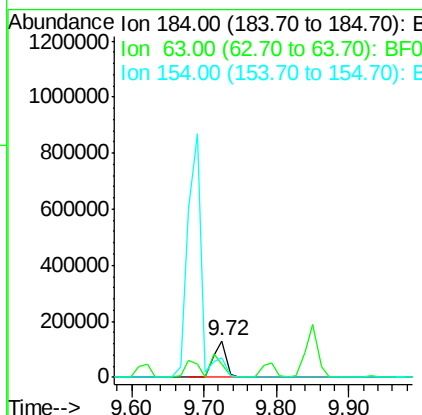
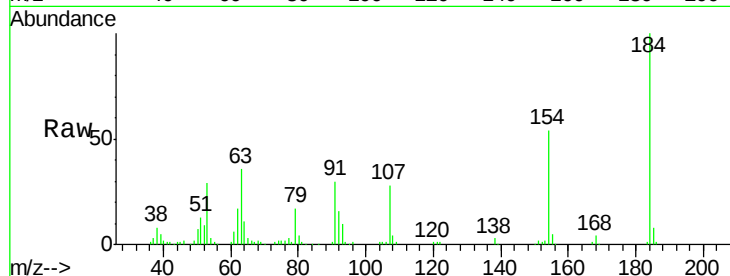
#53
2,4-Dinitrophenol
Concen: 42.32 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF089999.D
Acq: 7 Sep 2016 12:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	161752		
63	36.1	73.9	110.9	#
154	53.6	53.5	80.3	

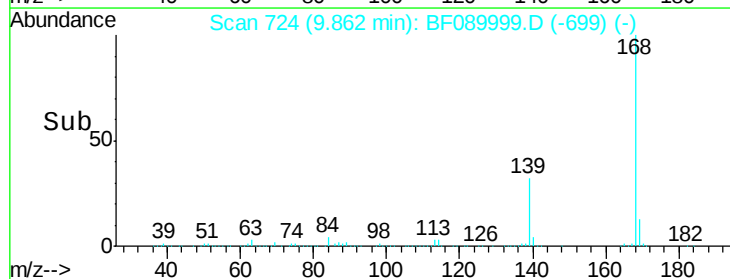
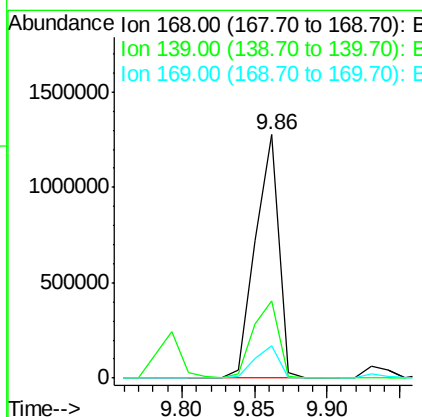
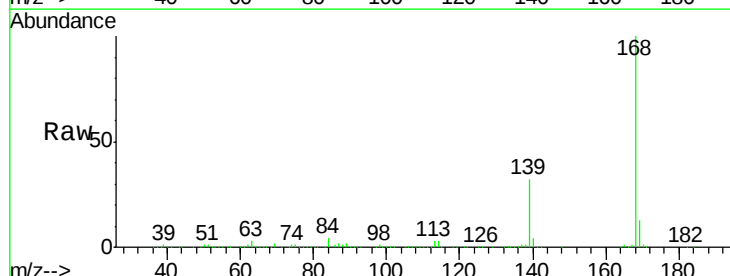
Manual Integrations
APPROVED

umangi
9/8/2016 12:53:11 PM



#54
Dibenzofuran
Concen: 37.86 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF089999.D
Acq: 7 Sep 2016 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1422862		
139	31.8	29.5	44.3	
169	13.2	10.8	16.2	





#55

4-Nitrophenol

Concen: 43.46 ng

RT: 9.79 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF089999.D

Acq: 7 Sep 2016 12:31

Instrument :

BNA_F

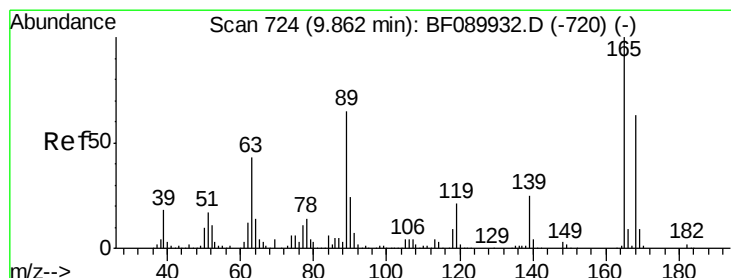
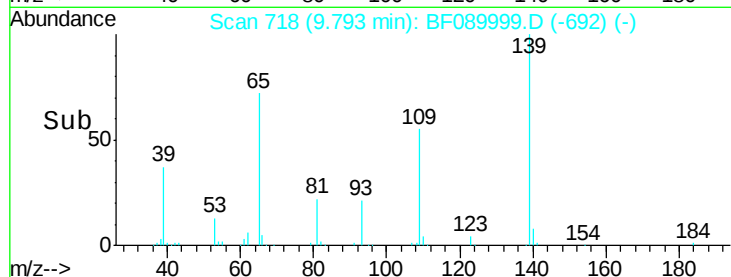
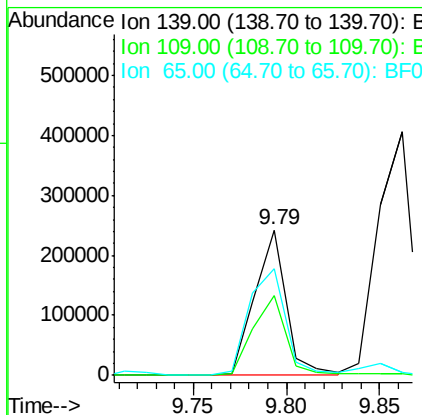
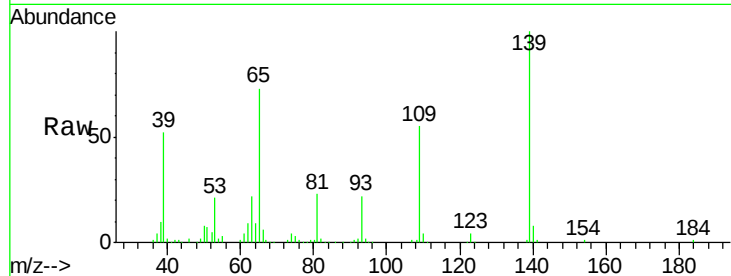
ClientSampleId :

SSTDCCC040

Tgt Ion:	139	Resp:	282500
Ion Ratio	Lower	Upper	
139	100		
109	54.6	31.3	71.3
65	73.3	38.5	78.5

Manual Integrations
APPROVED

umangi
9/8/2016 12:53:11 PM



#56

2,4-Dinitrotoluene

Concen: 40.93 ng

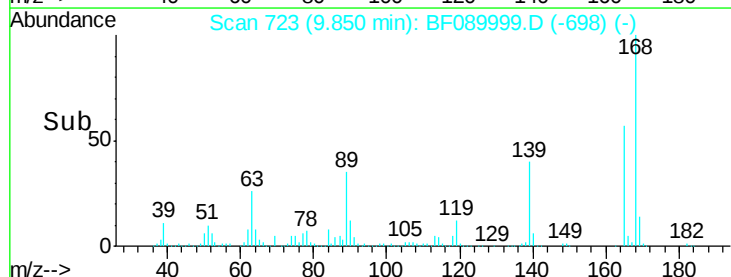
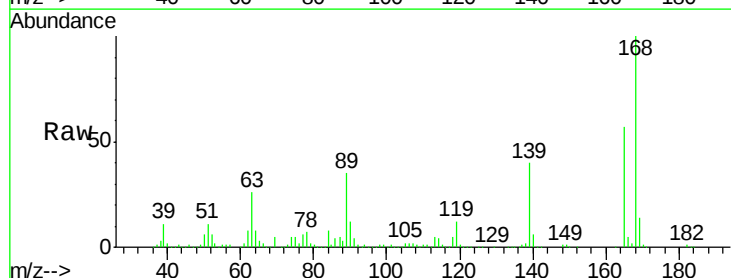
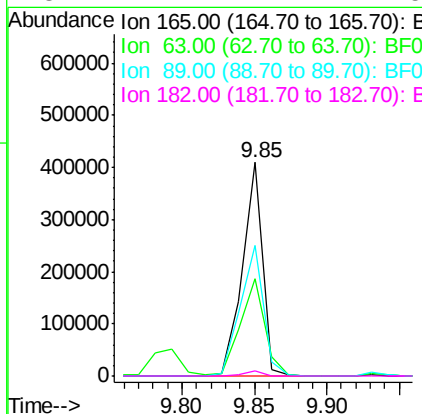
RT: 9.85 min Scan# 723

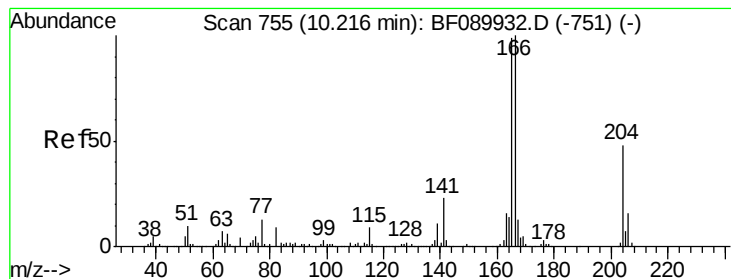
Delta R.T. -0.01 min

Lab File: BF089999.D

Acq: 7 Sep 2016 12:31

Tgt Ion:	165	Resp:	392161
Ion Ratio	Lower	Upper	
165	100		
63	45.8	32.5	48.7
89	61.2	48.3	72.5
182	2.2	1.7	2.5





#57

Fluorene

Concen: 35.29 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF089999.D

Acq: 7 Sep 2016 12:31

Instrument :

BNA_F

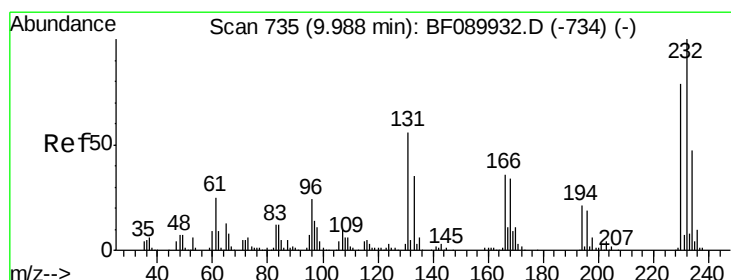
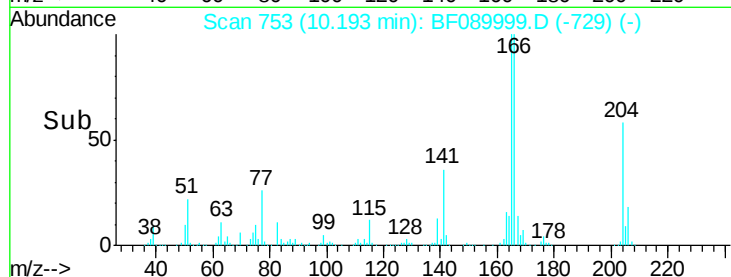
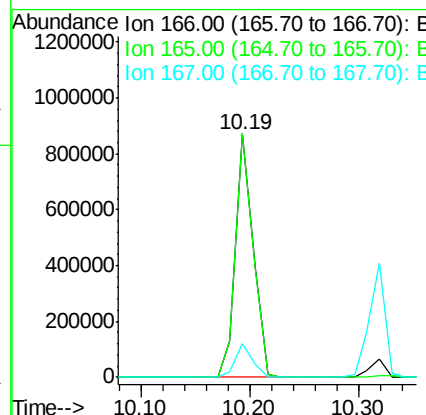
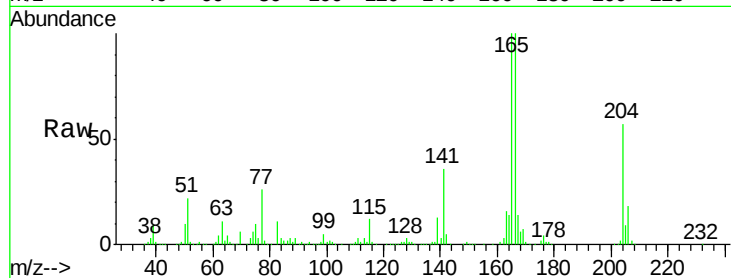
ClientSampleId :

SSTDCCC040

Tgt Ion:	166	Resp:	969179
Ion Ratio	Lower	Upper	
166	100		
165	100.0	78.6	118.0
167	13.9	10.6	15.8

Manual Integrations
APPROVED

umangi
9/8/2016 12:53:11 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.63 ng

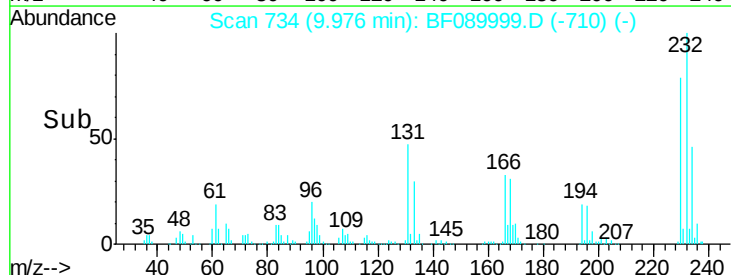
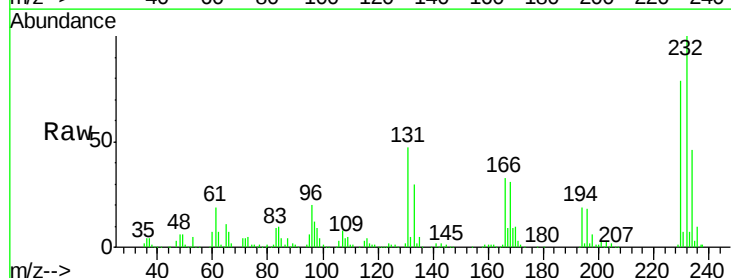
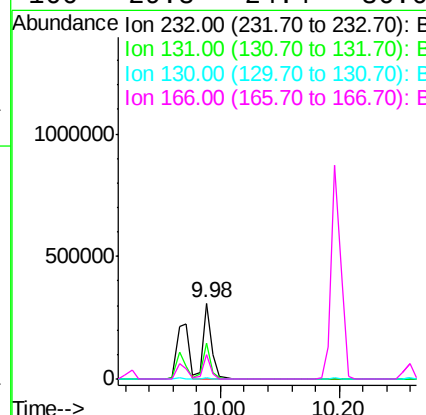
RT: 9.98 min Scan# 734

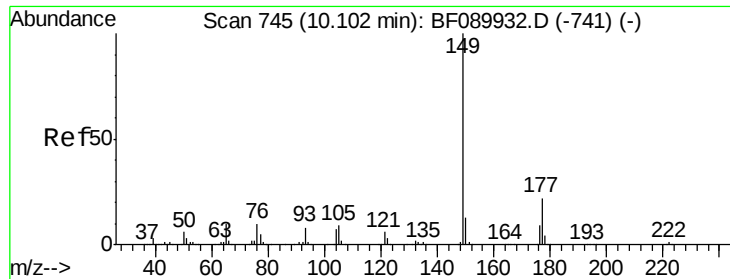
Delta R.T. -0.02 min

Lab File: BF089999.D

Acq: 7 Sep 2016 12:31

Tgt Ion:	232	Resp:	319136
Ion Ratio	Lower	Upper	
232	100		
131	42.4	36.3	54.5
130	2.1	1.7	2.5
166	29.8	24.4	36.6





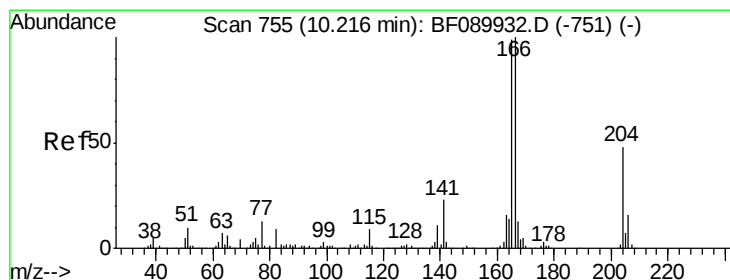
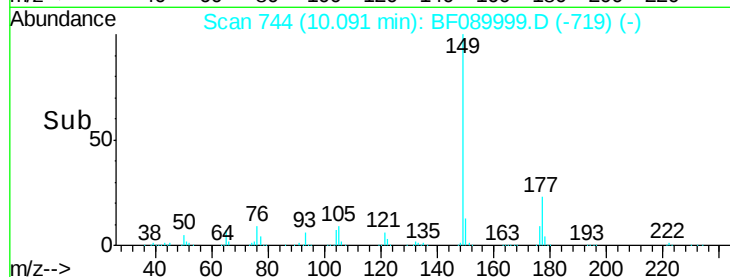
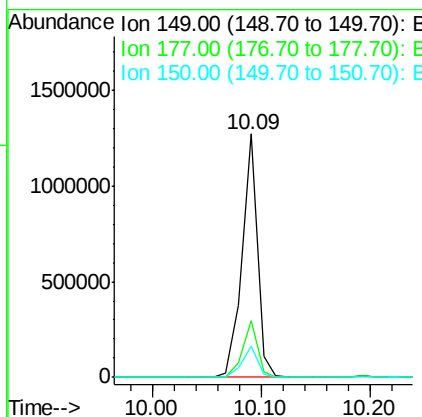
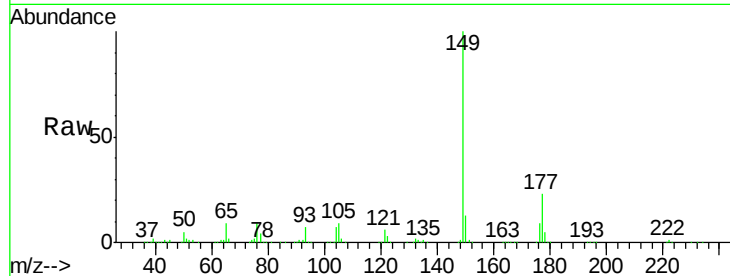
#59
Diethylphthalate
Concen: 38.46 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF089999.D
Acq: 7 Sep 2016 12:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	17.7	26.5
150	12.8	10.2	15.2

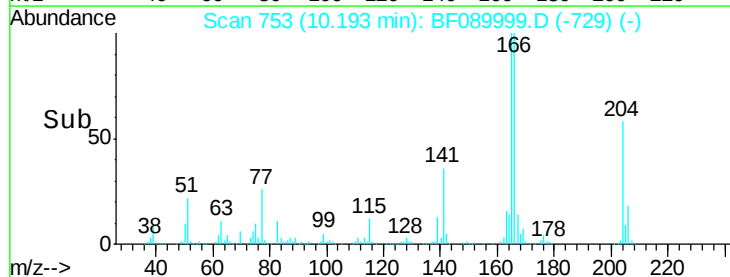
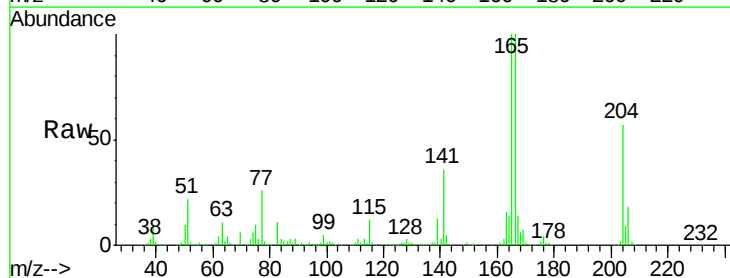
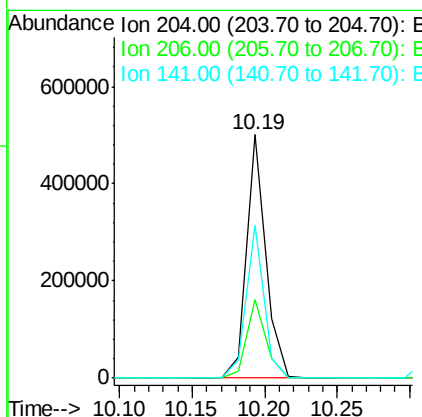
Manual Integrations
APPROVED

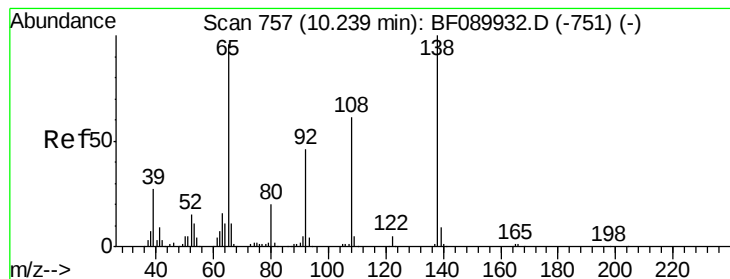
umangi
9/8/2016 12:53:11 PM



#60
4-Chlorophenyl-phenylether
Concen: 35.53 ng
RT: 10.19 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF089999.D
Acq: 7 Sep 2016 12:31

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.6	40.0
141	63.0	36.5	54.7





#61

4-Nitroaniline

Concen: 38.39 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF089999.D

Acq: 7 Sep 2016 12:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 138 Resp: 324996
Ion Ratio Lower Upper

138 100

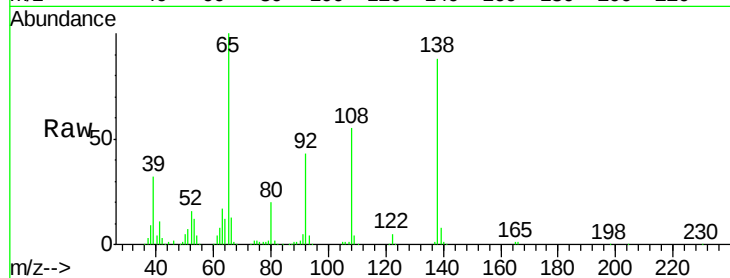
92 49.4 21.2 61.2

108 62.7 37.7 77.7

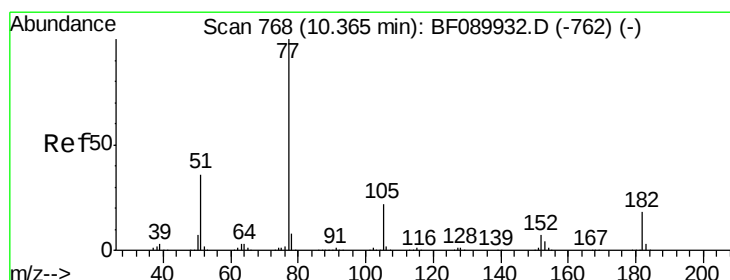
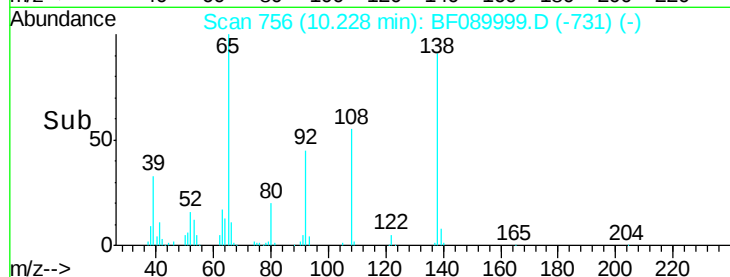
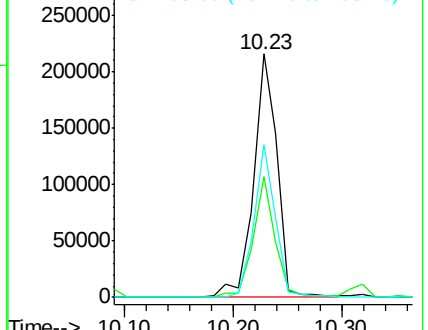
Manual Integrations
APPROVED

umangi

9/8/2016 12:53:11 PM



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



#62

Azobenzene

Concen: 38.00 ng

RT: 10.35 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF089999.D

Acq: 7 Sep 2016 12:31

Tgt Ion: 77 Resp: 1213129
Ion Ratio Lower Upper

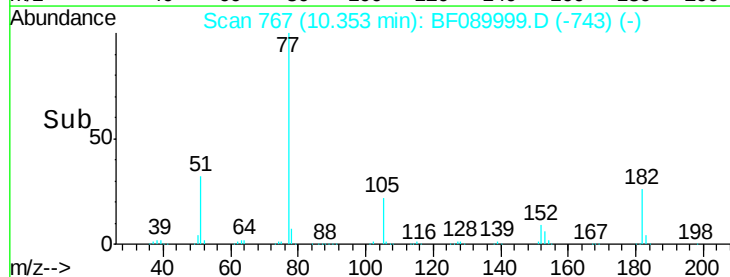
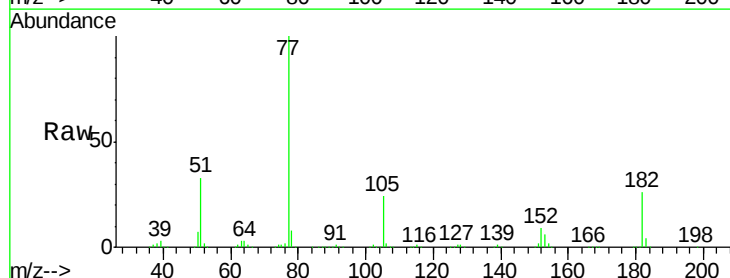
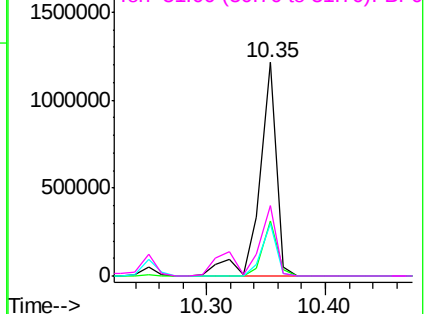
77 100

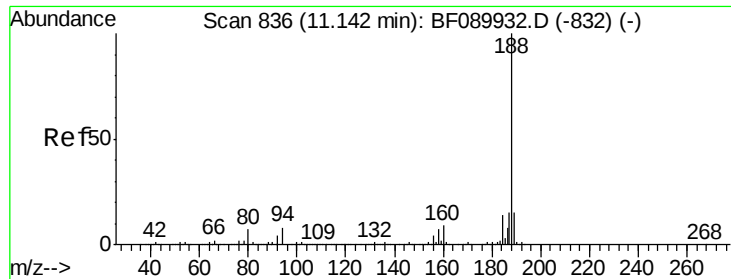
182 25.5 0.0 38.6

105 24.4 2.3 42.3

51 33.1 15.1 55.1

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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF089999.D

Acq: 7 Sep 2016 12:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:188 Resp: 869556
Ion Ratio Lower Upper

188 100

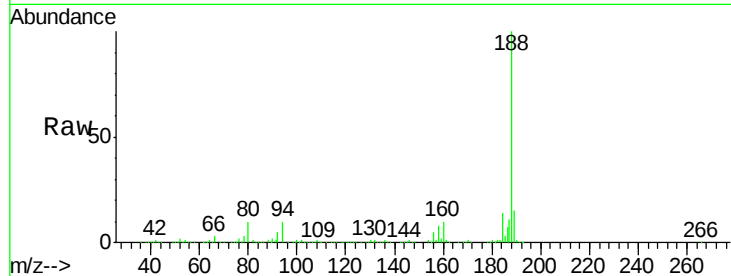
94 9.6 5.9 8.9#

80 9.8 5.8 8.8#

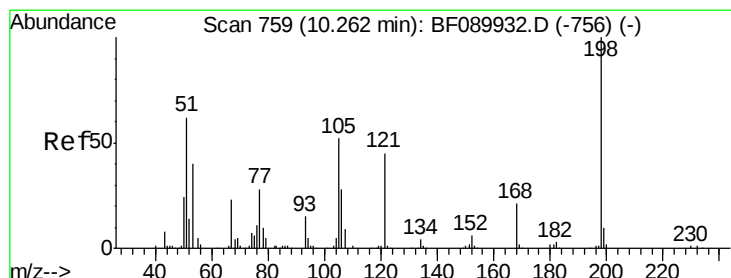
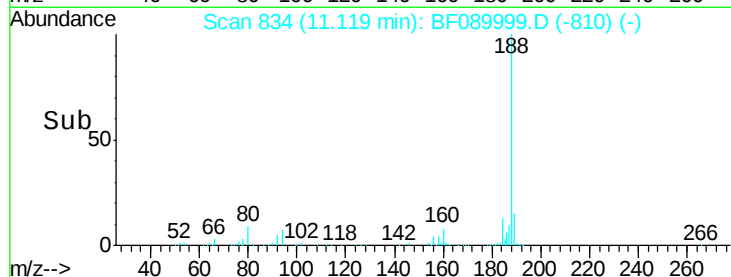
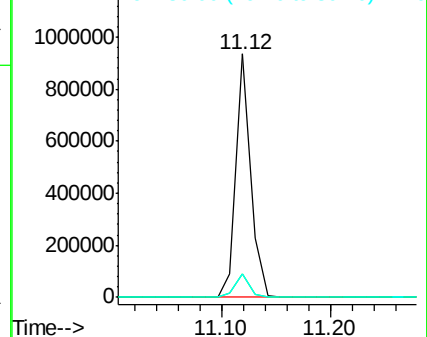
Manual Integrations
APPROVED

umangi

9/8/2016 12:53:11 PM



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



#64

4,6-Dinitro-2-methylphenol

Concen: 39.99 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.02 min

Lab File: BF089999.D

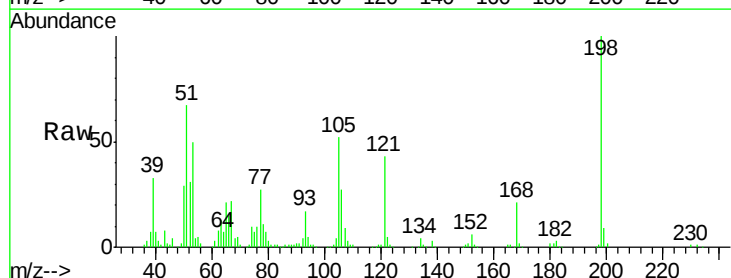
Acq: 7 Sep 2016 12:31

Tgt Ion:198 Resp: 222620
Ion Ratio Lower Upper

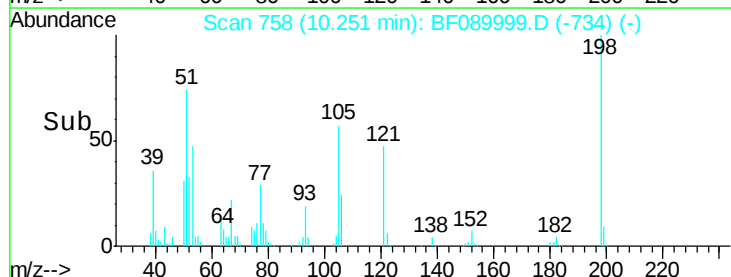
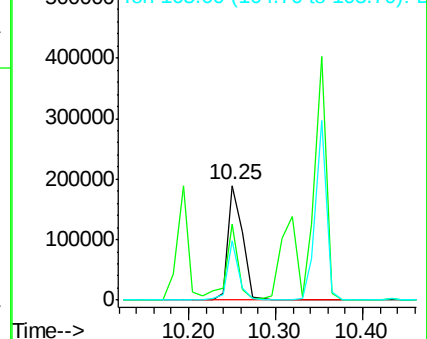
198 100

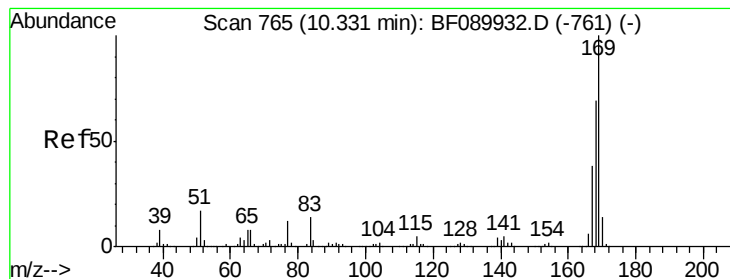
51 66.8 43.0 83.0

105 51.6 30.3 70.3



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





#65

n-Nitrosodiphenylamine

Concen: 41.36 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF089999.D

Acq: 7 Sep 2016 12:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:169 Resp: 1081275

Ion Ratio Lower Upper

169 100

168 68.2 55.0 82.4

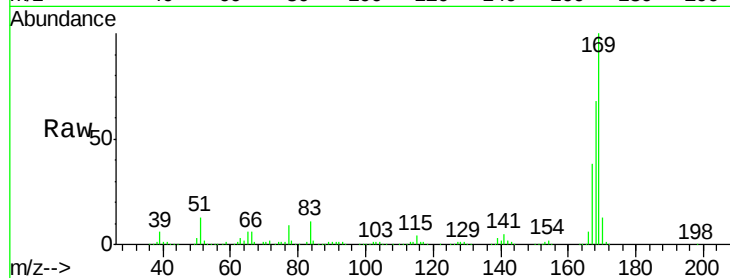
167 37.8 30.5 45.7

Manual Integrations

APPROVED

umangi

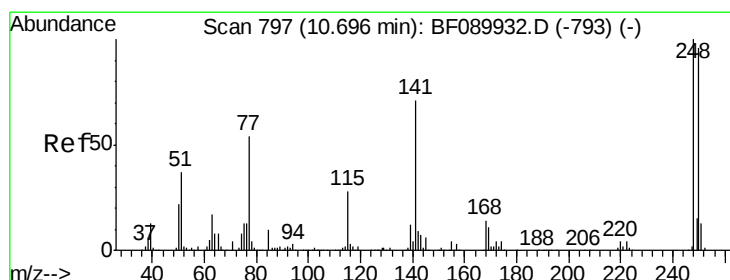
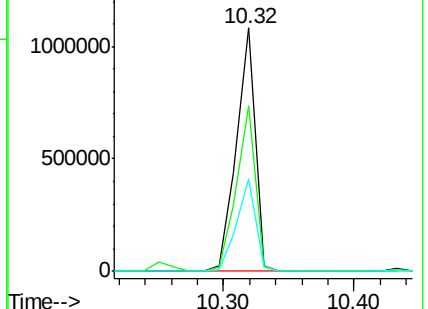
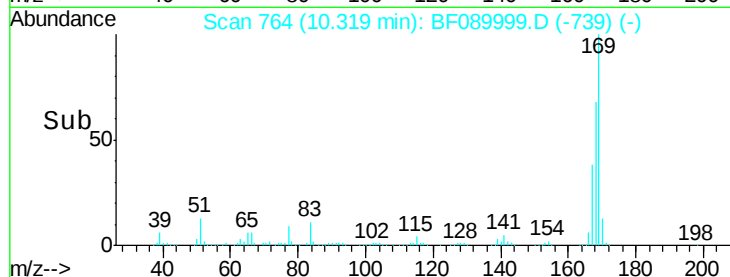
9/8/2016 12:53:11 PM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.16 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF089999.D

Acq: 7 Sep 2016 12:31

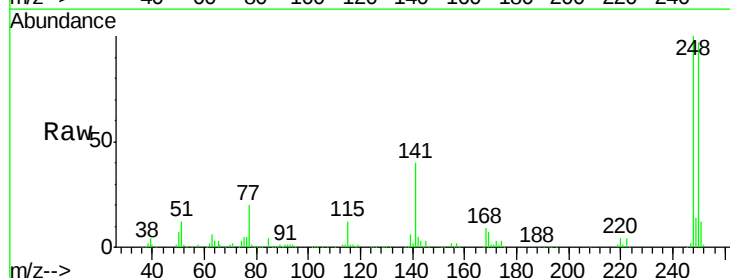
Tgt Ion:248 Resp: 360321

Ion Ratio Lower Upper

248 100

250 97.5 77.3 115.9

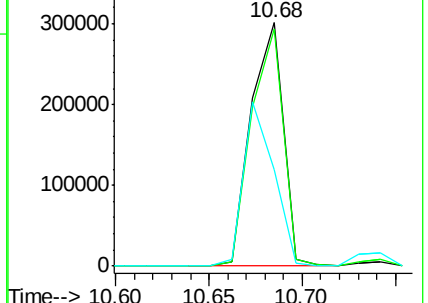
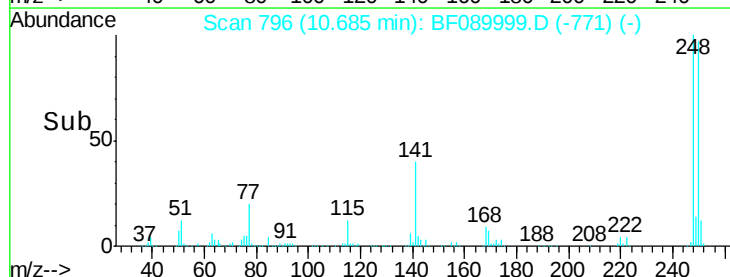
141 39.7 55.8 83.8#

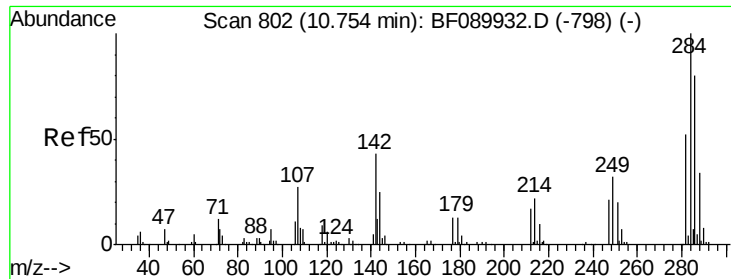


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.63 ng

RT: 10.74 min Scan# 801

Delta R.T. -0.02 min

Lab File: BF089999.D

Acq: 7 Sep 2016 12:31

Instrument :

BNA_F

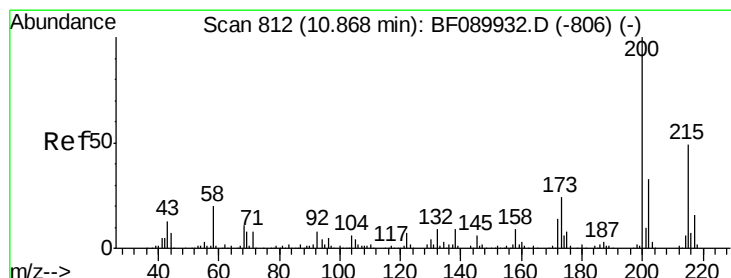
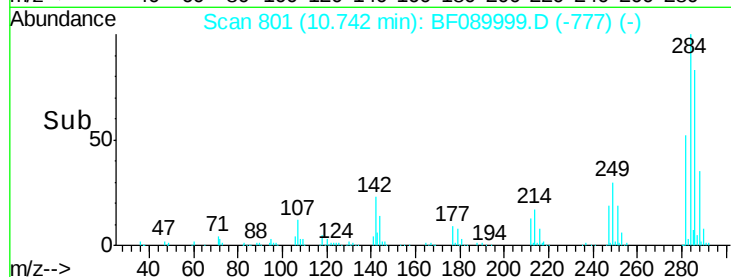
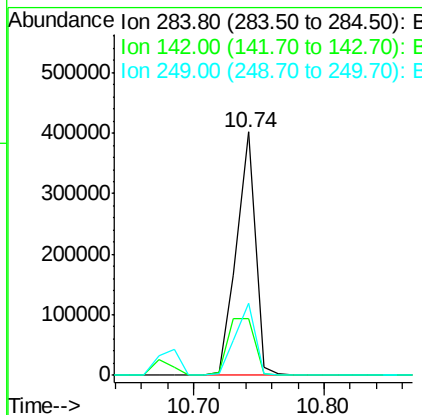
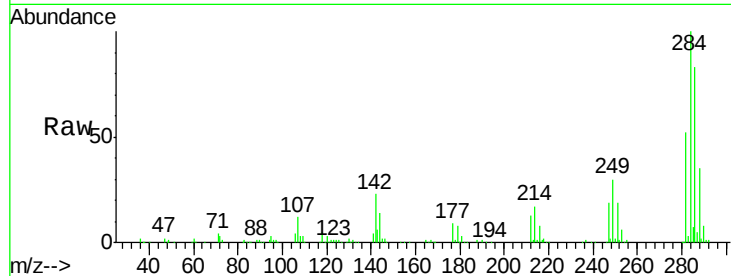
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	406262		
142	23.2	32.7	49.1#	
249	29.9	26.9	40.3	

Manual Integrations
APPROVED

umangi
9/8/2016 12:53:11 PM



#68

Atrazine

Concen: 38.03 ng

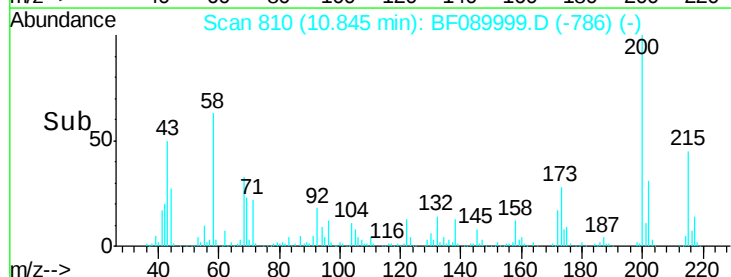
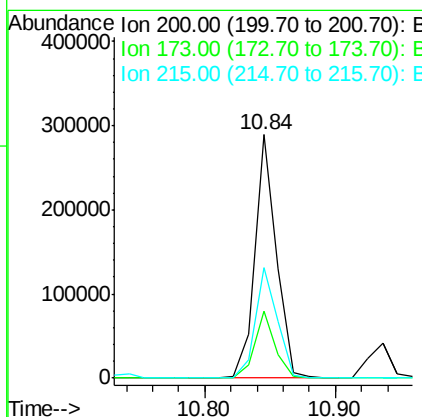
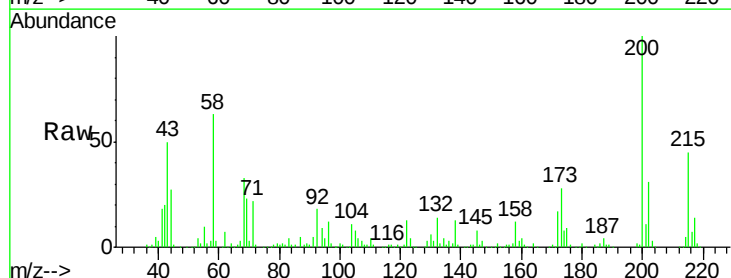
RT: 10.84 min Scan# 810

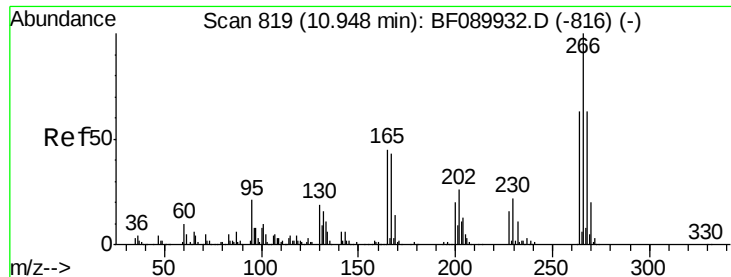
Delta R.T. -0.02 min

Lab File: BF089999.D

Acq: 7 Sep 2016 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	331865		
173	27.5	9.4	49.4	
215	45.3	24.5	64.5	





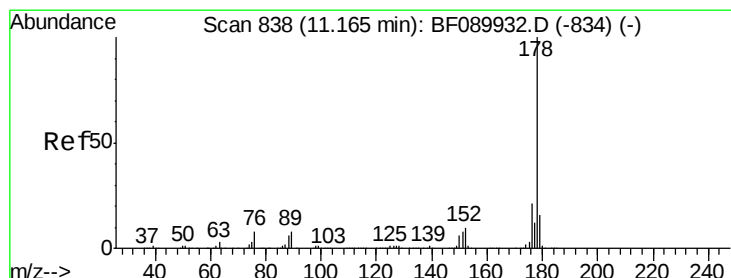
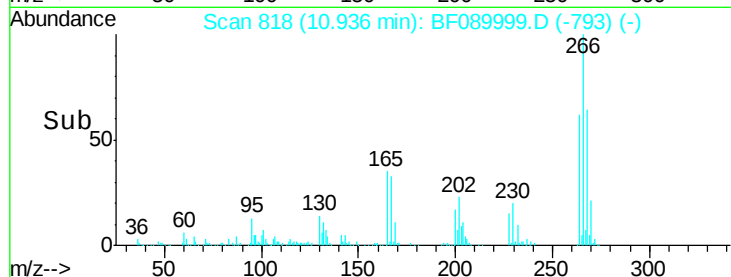
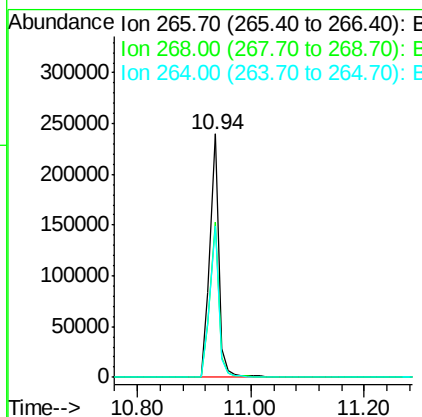
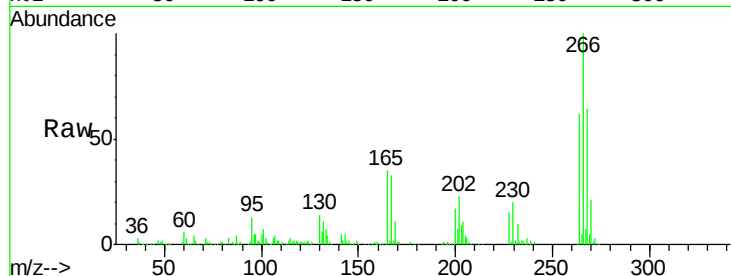
#69
 Pentachlorophenol
 Concen: 47.79 ng
 RT: 10.94 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF089999.D
 Acq: 7 Sep 2016 12:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.0	76.6
264	62.1	50.6	75.8

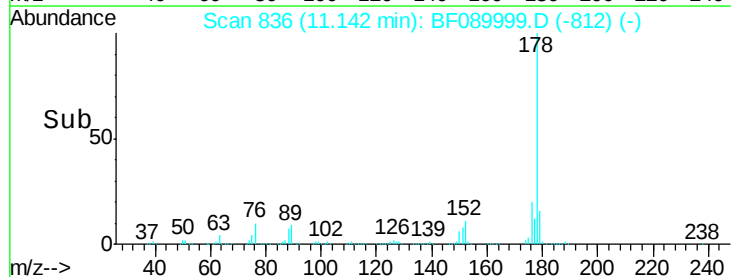
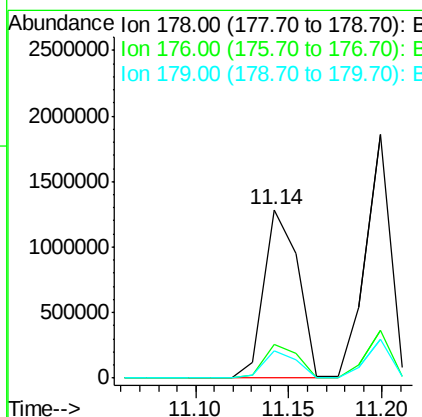
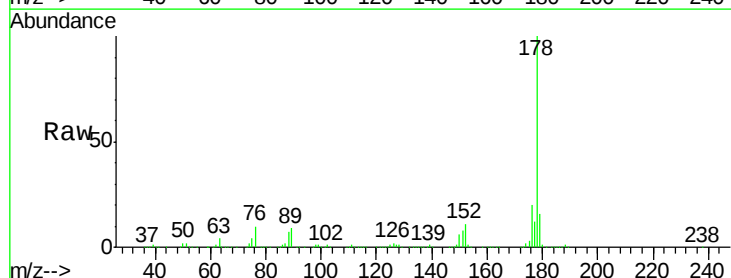
Manual Integrations
 APPROVED

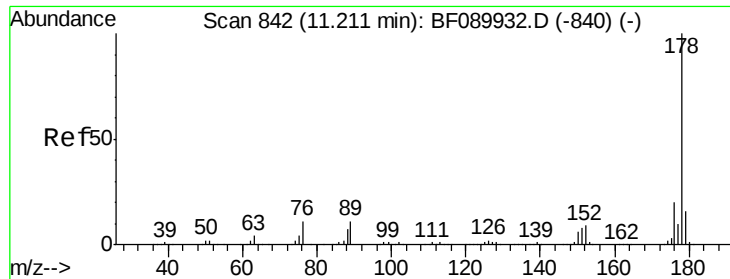
umangi
 9/8/2016 12:53:11 PM



#70
 Phenanthrene
 Concen: 37.74 ng
 RT: 11.14 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF089999.D
 Acq: 7 Sep 2016 12:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.5	24.7
179	16.0	12.8	19.2





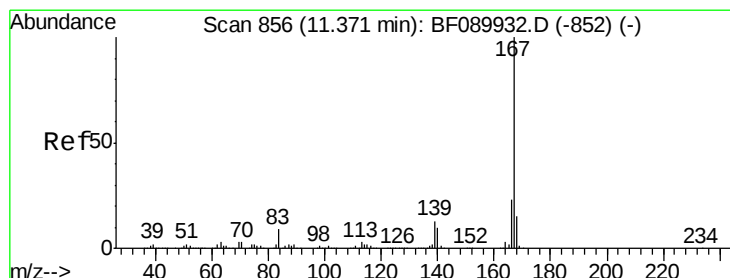
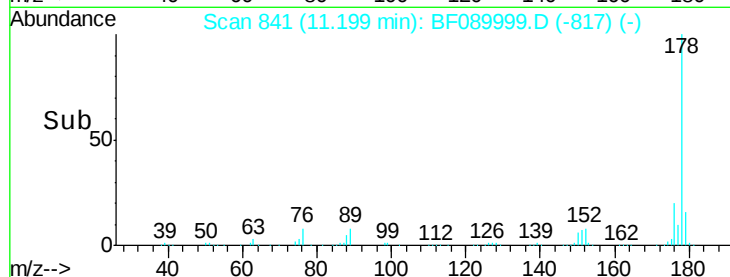
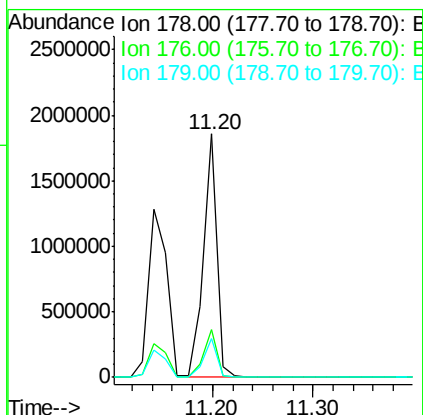
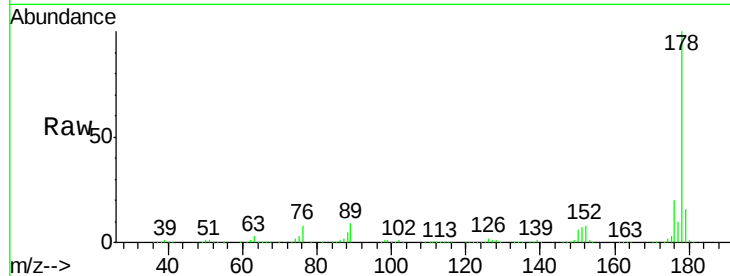
#71
 Anthracene
 Concen: 39.15 ng
 RT: 11.20 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BF089999.D
 Acq: 7 Sep 2016 12:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 1719667
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.9 13.0 19.4

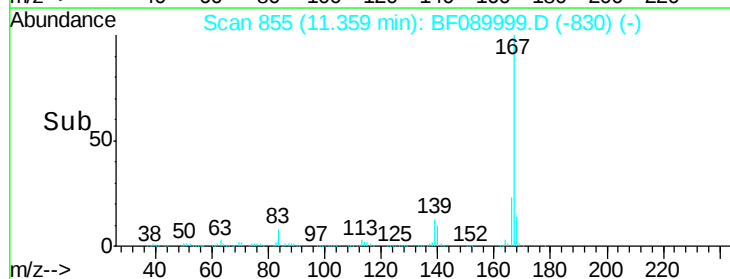
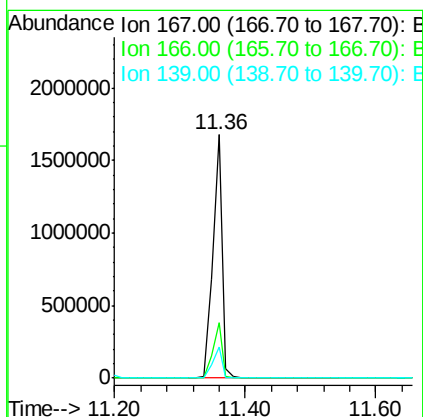
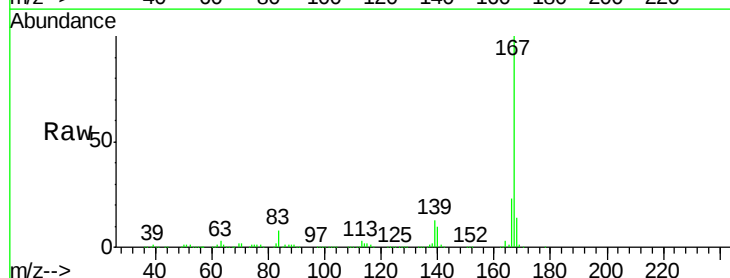
Manual Integrations
 APPROVED

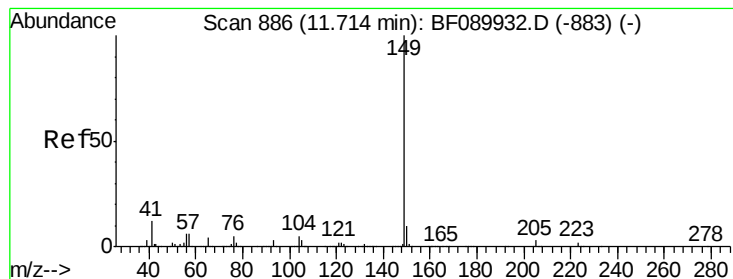
umangi
 9/8/2016 12:53:11 PM



#72
 Carbazole
 Concen: 41.04 ng
 RT: 11.36 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: BF089999.D
 Acq: 7 Sep 2016 12:31

Tgt Ion:167 Resp: 1690051
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.1 27.1
 139 12.8 10.4 15.6





#73

Di-n-butylphthalate

Concen: 39.59 ng

RT: 11.70 min Scan# 885

Delta R.T. -0.02 min

Lab File: BF089999.D

Acq: 7 Sep 2016 12:31

Instrument :

BNA_F

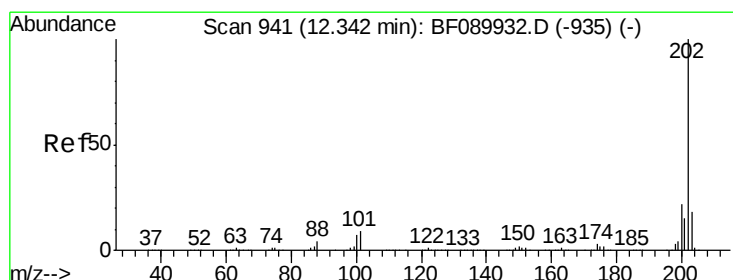
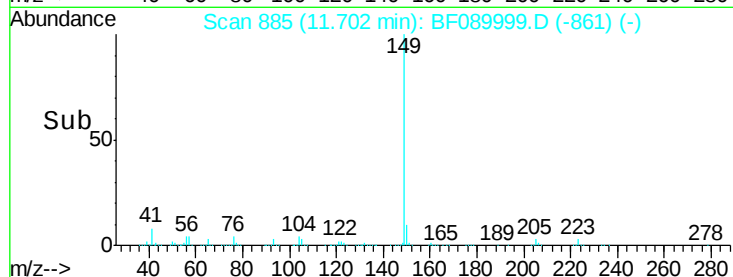
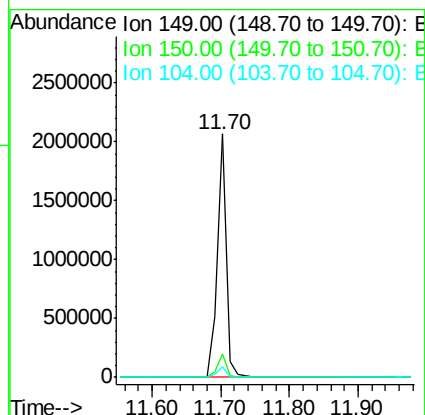
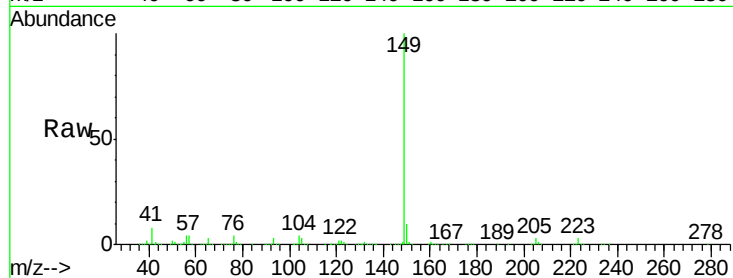
ClientSampleId :

SSTDCCC040

Tgt Ion:	149	Resp:	1900301
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.8
104	4.4	3.9	5.9

Manual Integrations
APPROVED

umangi
9/8/2016 12:53:11 PM



#74

Fluoranthene

Concen: 35.08 ng

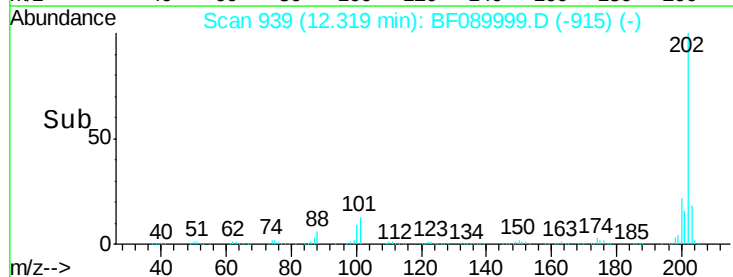
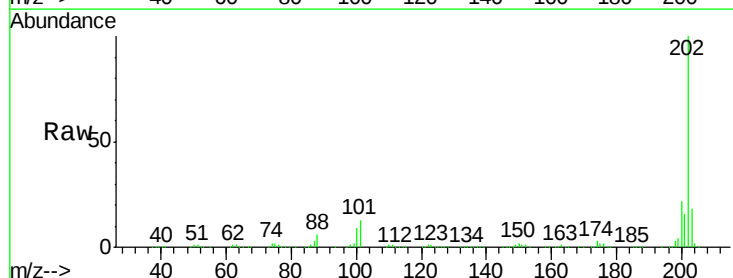
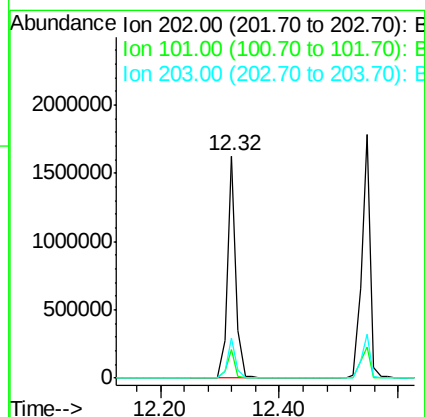
RT: 12.32 min Scan# 939

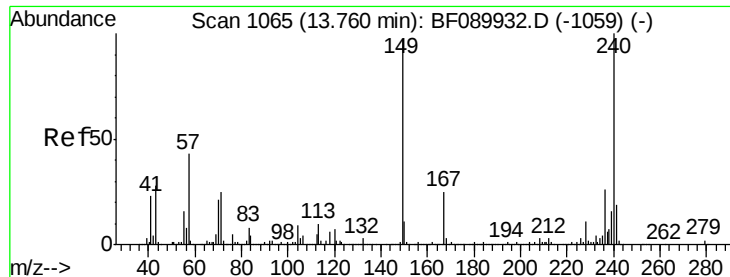
Delta R.T. -0.02 min

Lab File: BF089999.D

Acq: 7 Sep 2016 12:31

Tgt Ion:	202	Resp:	1592030
Ion Ratio	Lower	Upper	
202	100		
101	12.7	0.0	28.5
203	18.1	0.0	38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.74 min Scan# 1063

Delta R.T. -0.02 min

Lab File: BF089999.D

Acq: 7 Sep 2016 12:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:240 Resp: 647543
Ion Ratio Lower Upper

240 100

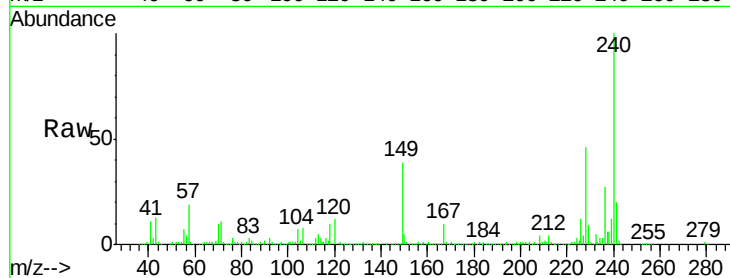
120 12.2 5.7 8.5#

236 26.6 21.3 31.9

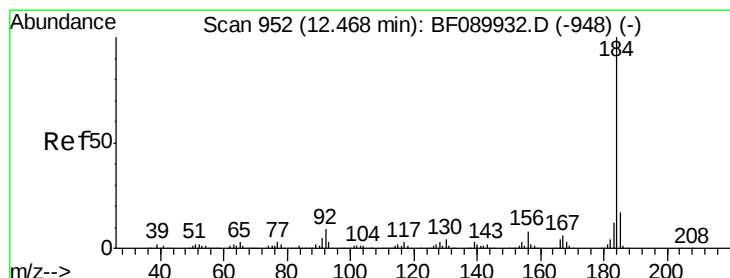
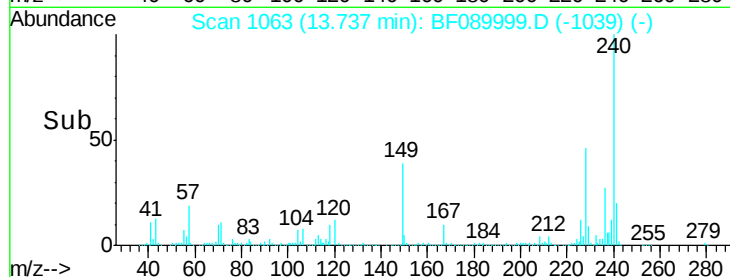
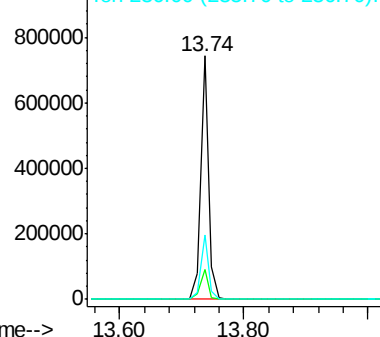
Manual Integrations
APPROVED

umangi

9/8/2016 12:53:11 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: 42.42 ng

RT: 12.46 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF089999.D

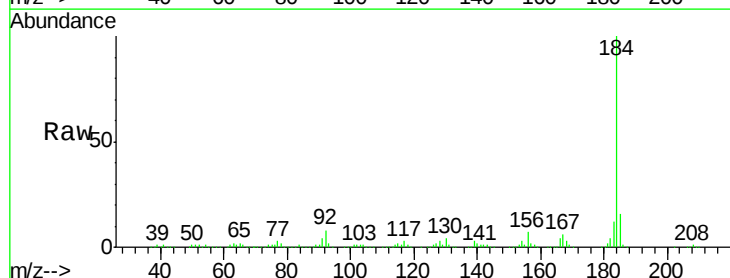
Acq: 7 Sep 2016 12:31

Tgt Ion:184 Resp: 1040583
Ion Ratio Lower Upper

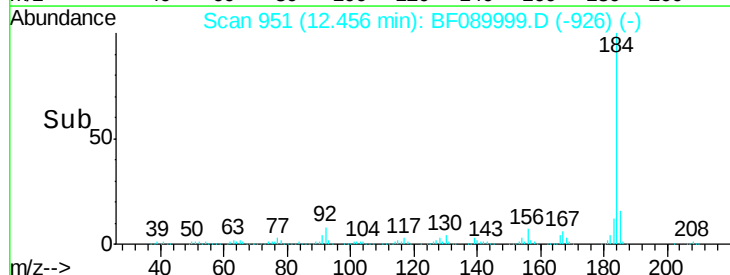
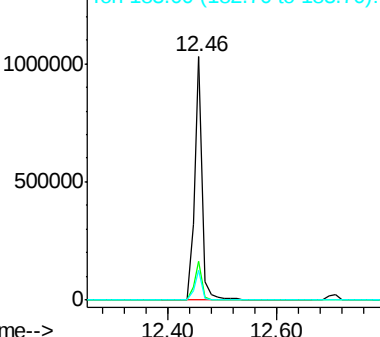
184 100

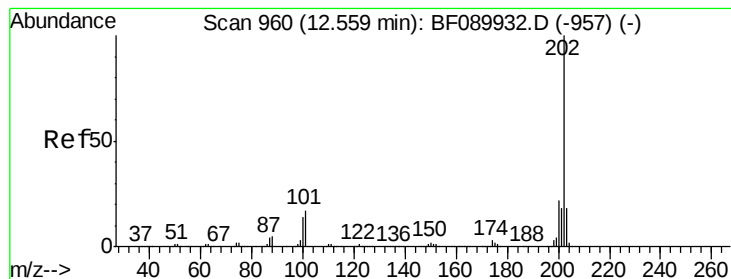
185 16.1 13.8 20.8

183 12.2 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 38.72 ng

RT: 12.55 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF089999.D

Acq: 7 Sep 2016 12:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:202 Resp: 1767834

Ion Ratio Lower Upper

202 100

200 22.8 17.6 26.4

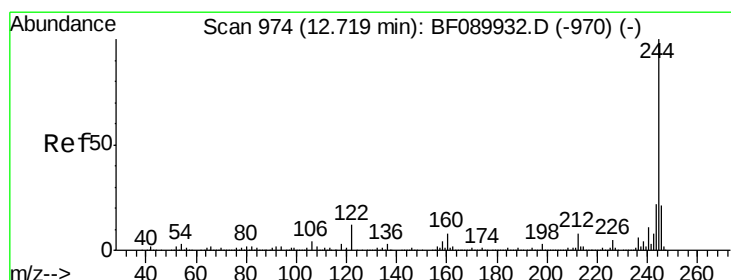
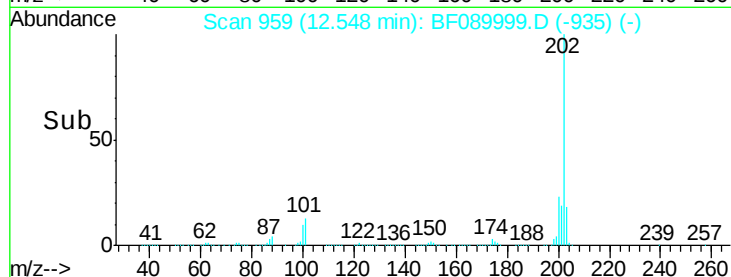
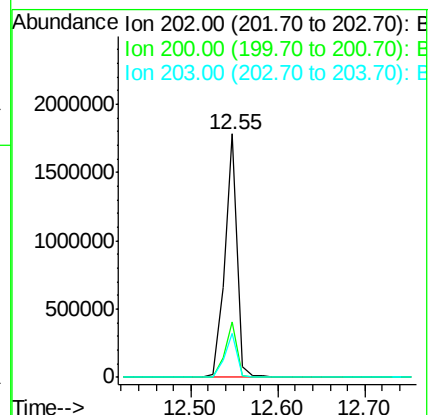
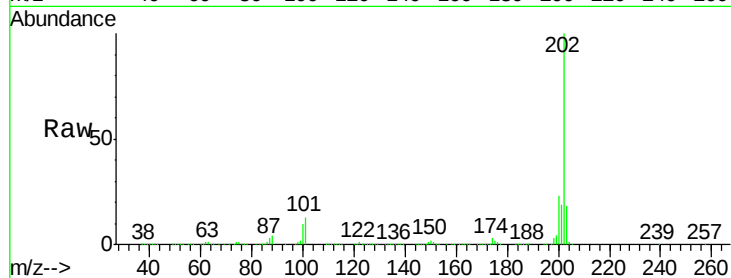
203 18.0 14.6 21.8

Manual Integrations

APPROVED

umangi

9/8/2016 12:53:11 PM



#78

Terphenyl-d14

Concen: 79.01 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.02 min

Lab File: BF089999.D

Acq: 7 Sep 2016 12:31

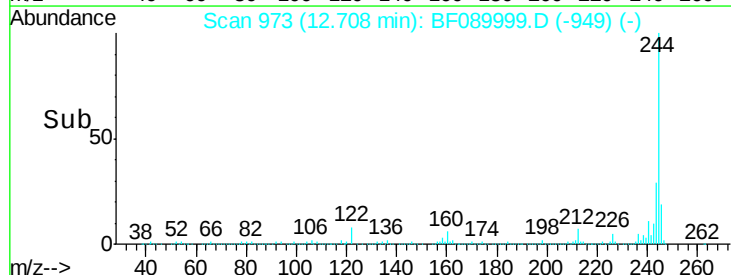
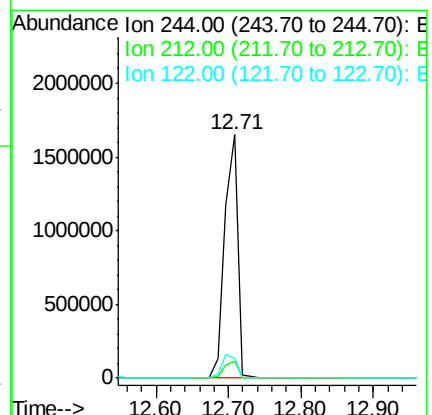
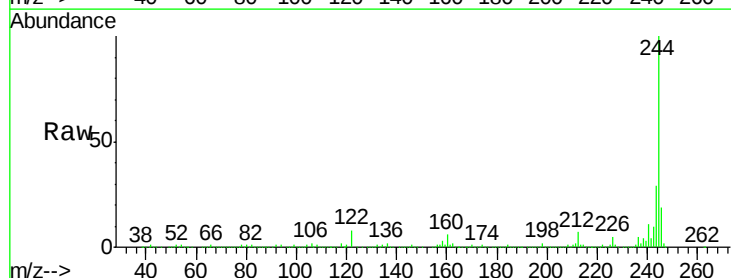
Tgt Ion:244 Resp: 2071148

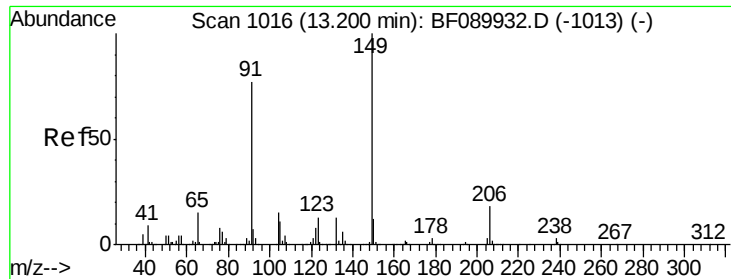
Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 8.0 9.6 14.4#





#79

Butylbenzylphthalate

Concen: 42.25 ng

RT: 13.19 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF089999.D

Acq: 7 Sep 2016 12:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 777857
Ion Ratio Lower Upper

149 100

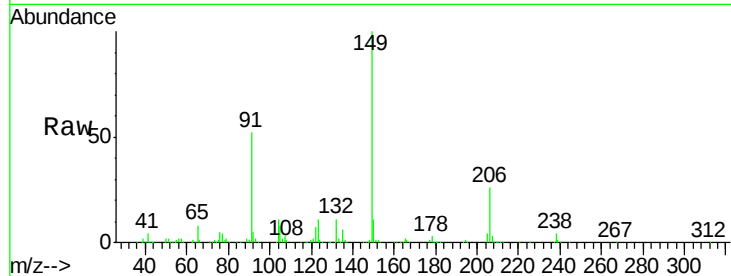
91 51.6 60.0 90.0#

206 25.5 15.1 22.7#

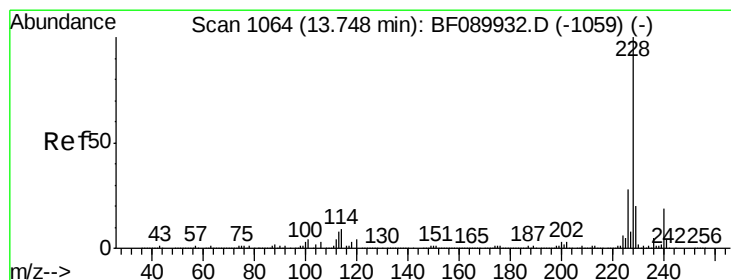
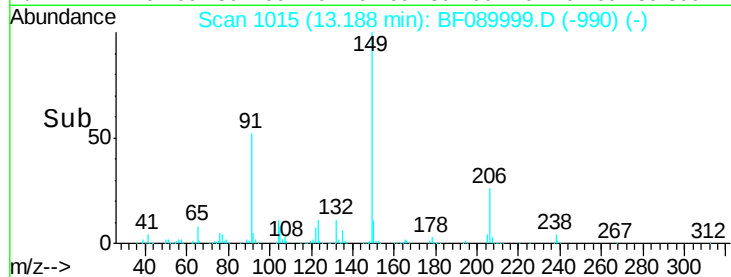
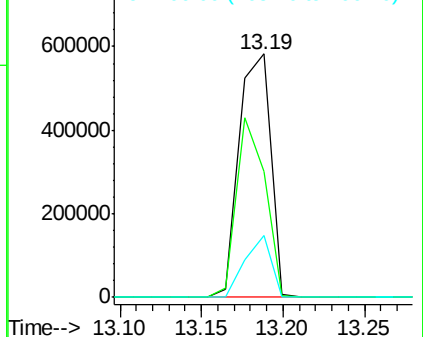
Manual Integrations
APPROVED

umangi

9/8/2016 12:53:11 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.82 ng

RT: 13.73 min Scan# 1062

Delta R.T. -0.02 min

Lab File: BF089999.D

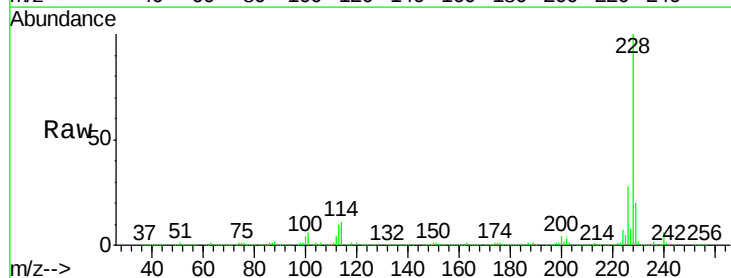
Acq: 7 Sep 2016 12:31

Tgt Ion:228 Resp: 1539521
Ion Ratio Lower Upper

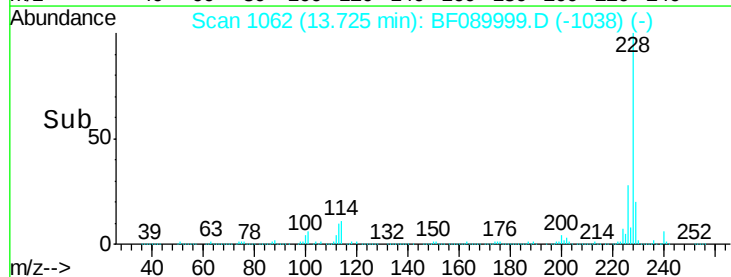
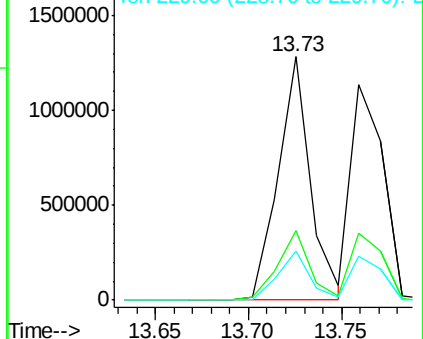
228 100

226 28.4 22.2 33.2

229 20.3 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





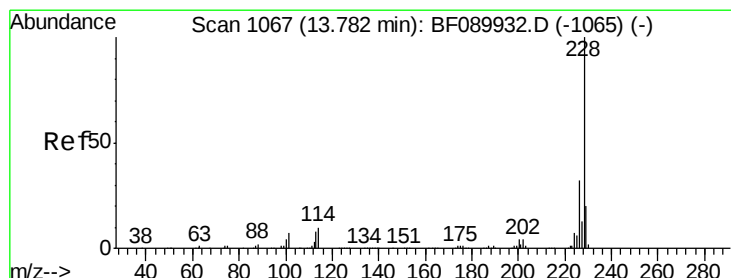
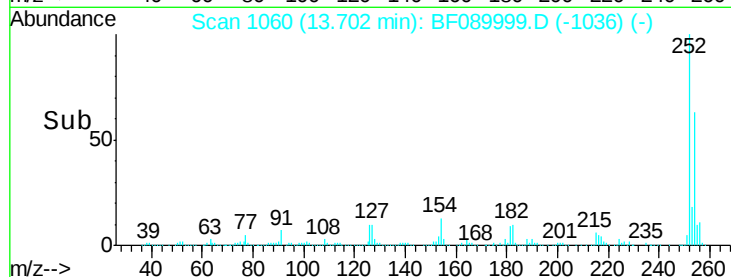
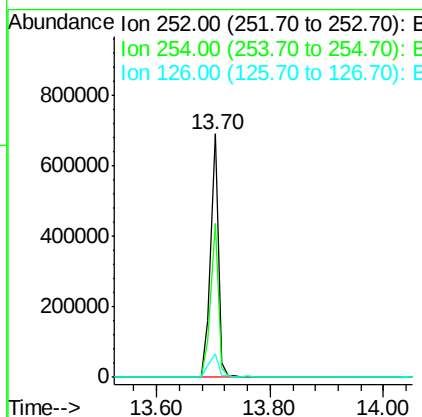
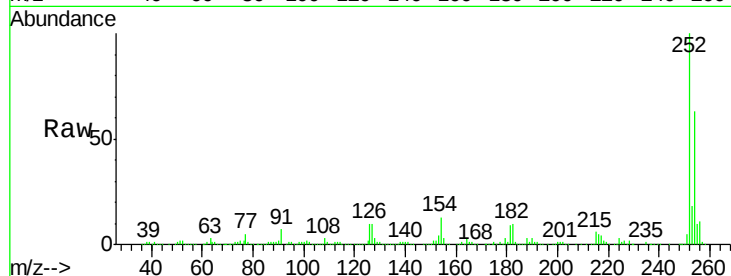
#81
 3,3'-Dichlorobenzidine
 Concen: 43.89 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. -0.02 min
 Lab File: BF089999.D
 Acq: 7 Sep 2016 12:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.5	51.3	76.9
126	9.9	12.3	18.5#

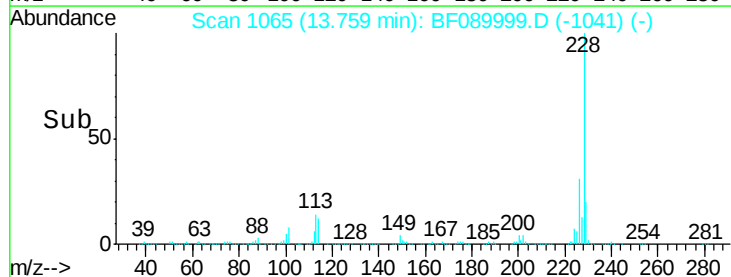
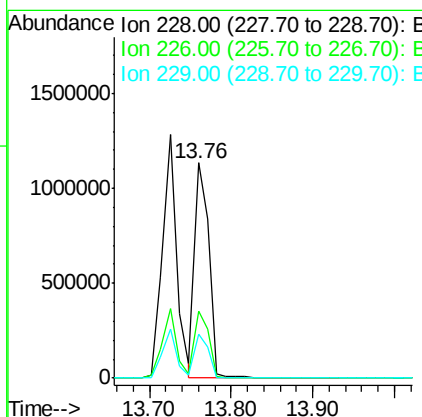
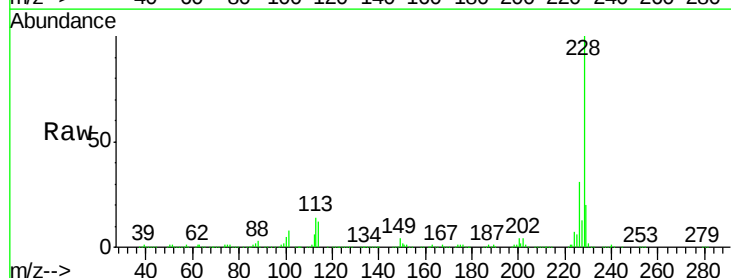
Manual Integrations
 APPROVED

umangi
 9/8/2016 12:53:11 PM



#82
 Chrysene
 Concen: 37.69 ng
 RT: 13.76 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BF089999.D
 Acq: 7 Sep 2016 12:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.3	25.2	37.8
229	20.2	16.2	24.2





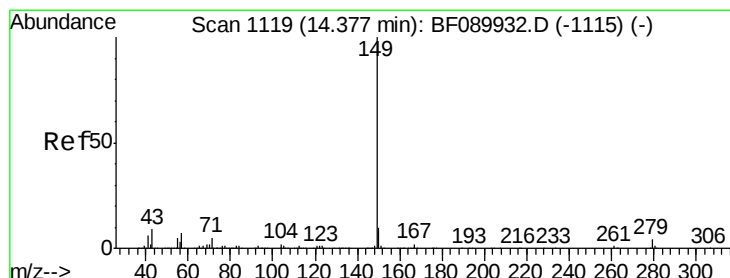
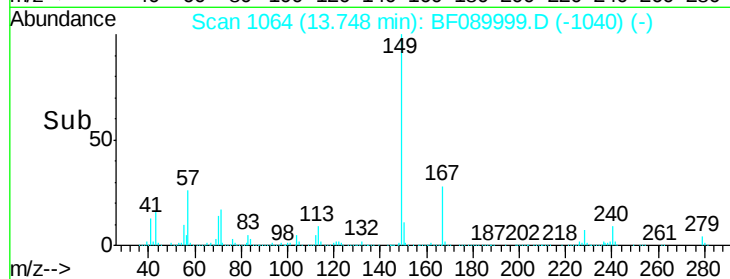
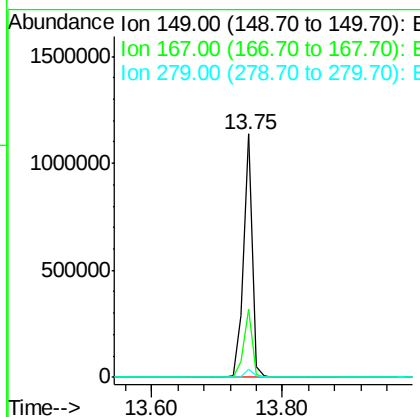
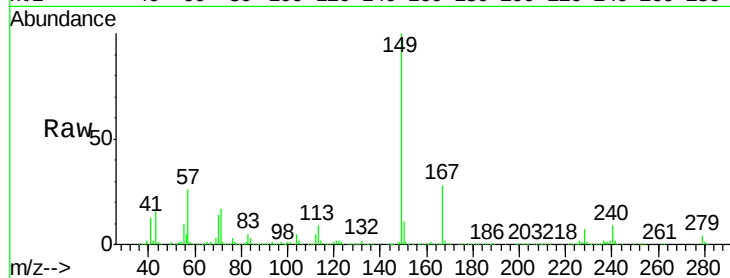
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.34 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.02 min
 Lab File: BF089999.D
 Acq: 7 Sep 2016 12:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:149 Resp: 1027263
 Ion Ratio Lower Upper
 149 100
 167 28.0 23.6 35.4
 279 3.5 3.4 5.2

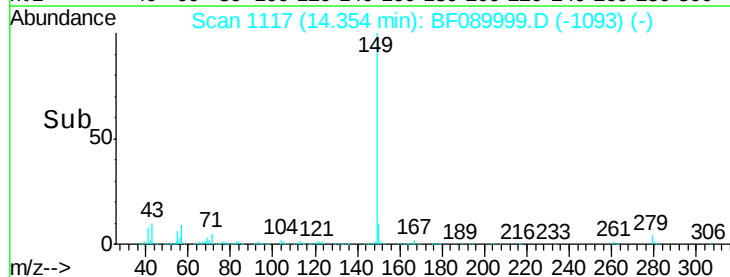
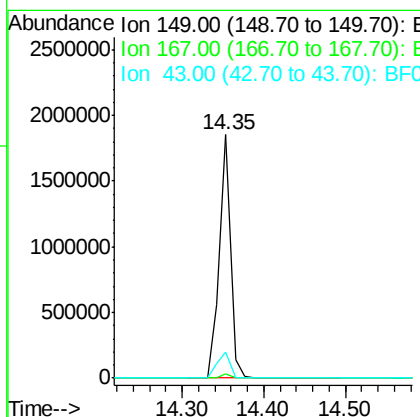
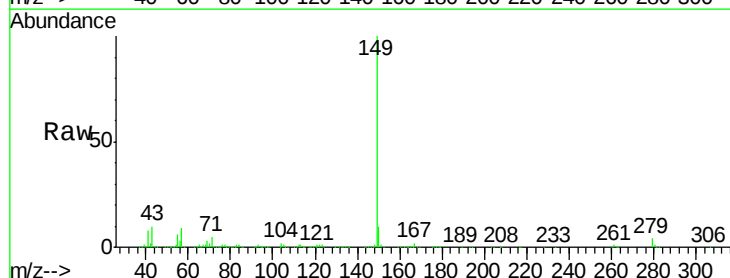
Manual Integrations
 APPROVED

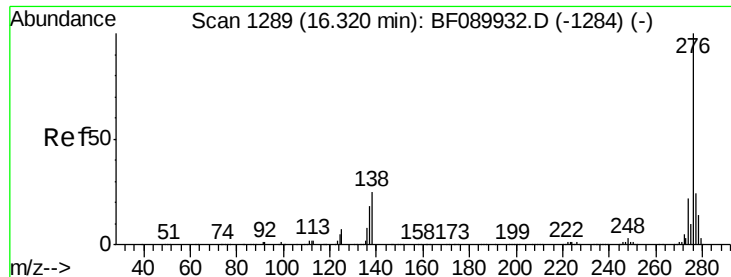
umangi
 9/8/2016 12:53:11 PM



#84
 Di-n-octyl phthalate
 Concen: 43.11 ng
 RT: 14.35 min Scan# 1117
 Delta R.T. -0.02 min
 Lab File: BF089999.D
 Acq: 7 Sep 2016 12:31

Tgt Ion:149 Resp: 1772006
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 12.1 9.3 13.9





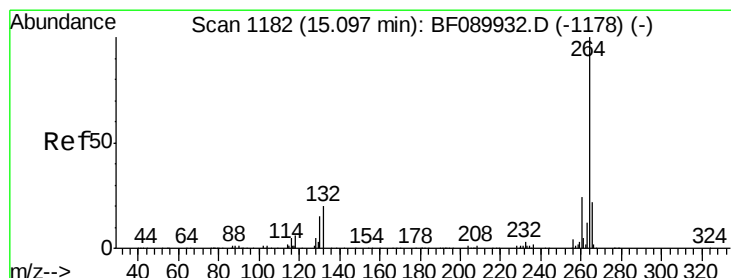
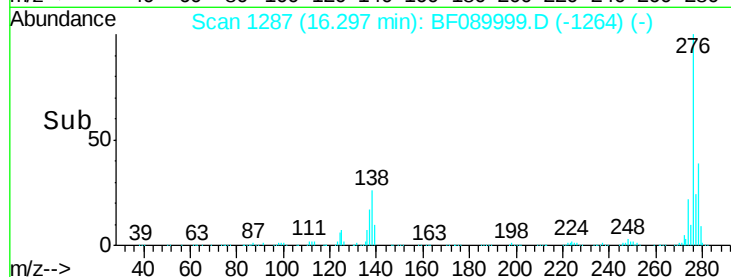
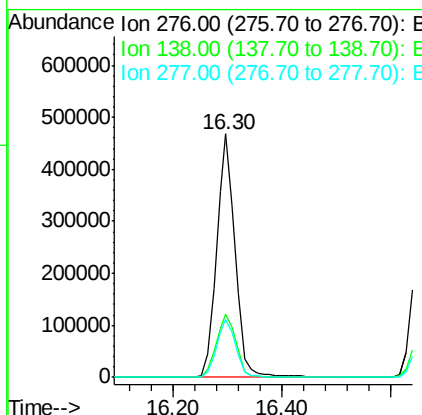
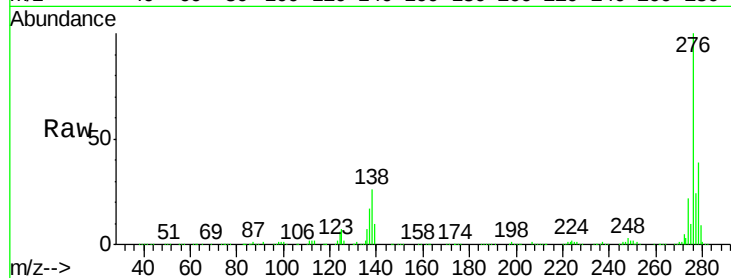
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.90 ng
 RT: 16.30 min Scan# 1287
 Delta R.T. -0.03 min
 Lab File: BF089999.D
 Acq: 7 Sep 2016 12:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.2	22.6	34.0
277	24.9	20.1	30.1

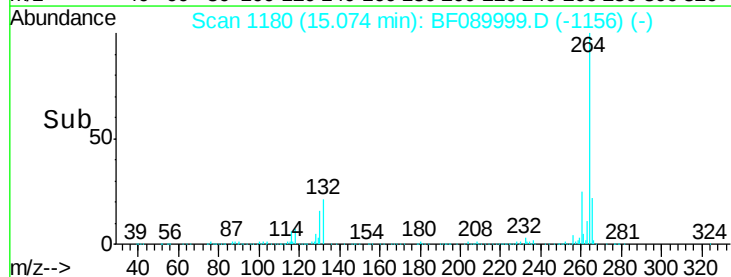
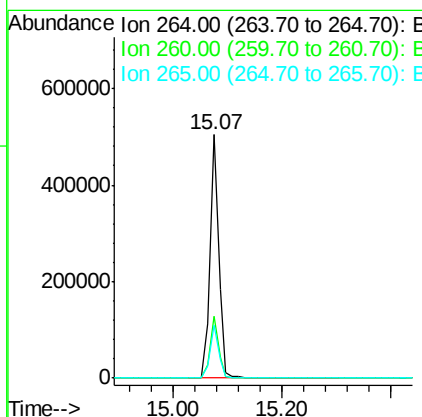
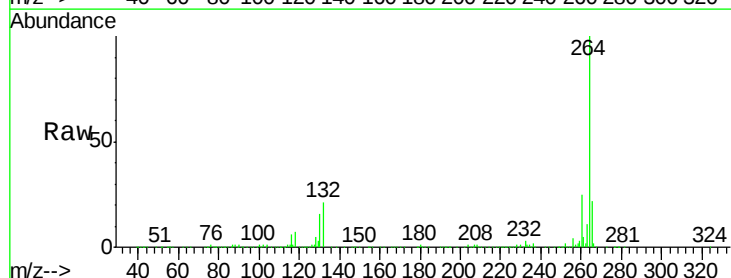
Manual Integrations
 APPROVED

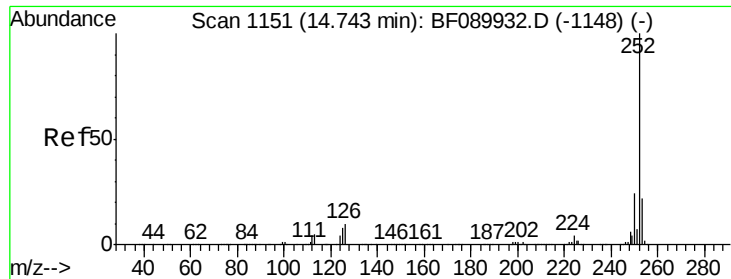
umangi
 9/8/2016 12:53:11 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF089999.D
 Acq: 7 Sep 2016 12:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.4	29.0
265	21.7	17.4	26.2





#87

Benzo(b)fluoranthene

Concen: 41.50 ng m

RT: 14.72 min Scan# 1149

Delta R.T. -0.02 min

Lab File: BF089999.D

Acq: 7 Sep 2016 12:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 1486909

Ion Ratio Lower Upper

252 100

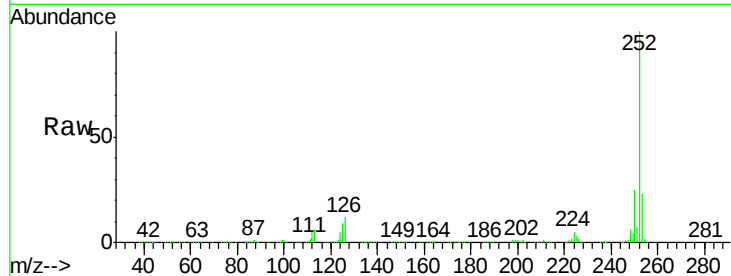
253 22.6 18.0 27.0

125 9.2 5.7 8.5#

Manual Integrations
APPROVED

umangi

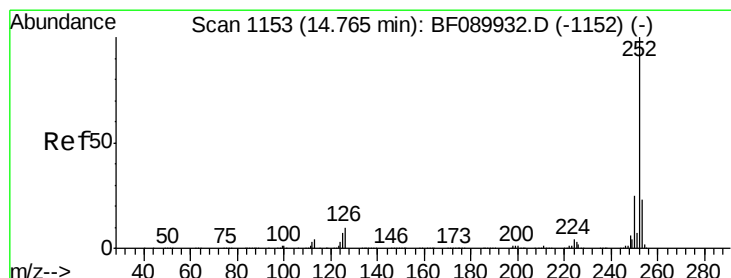
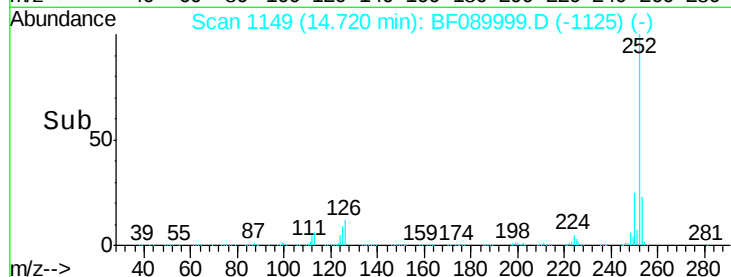
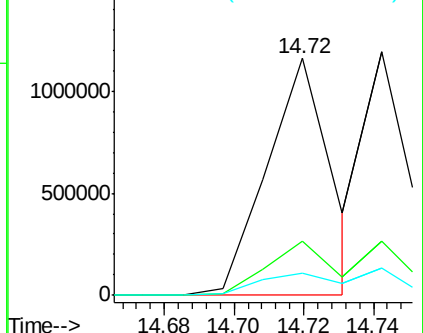
9/8/2016 12:53:11 PM



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



#88

Benzo(k)fluoranthene

Concen: 35.71 ng m

RT: 14.74 min Scan# 1151

Delta R.T. -0.02 min

Lab File: BF089999.D

Acq: 7 Sep 2016 12:31

Tgt Ion:252 Resp: 1085794

Ion Ratio Lower Upper

252 100

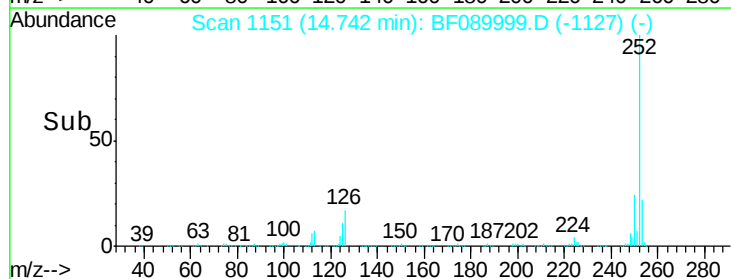
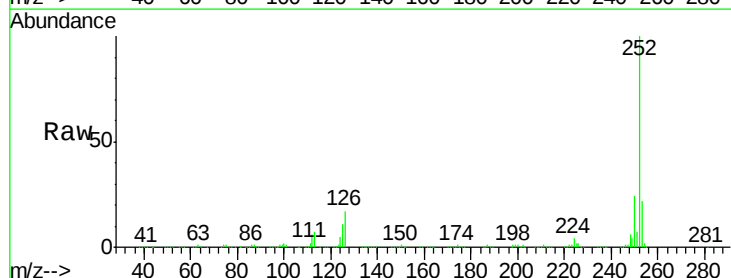
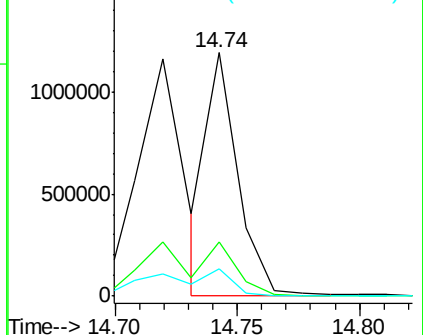
253 22.4 17.8 26.8

125 11.4 7.3 10.9#

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





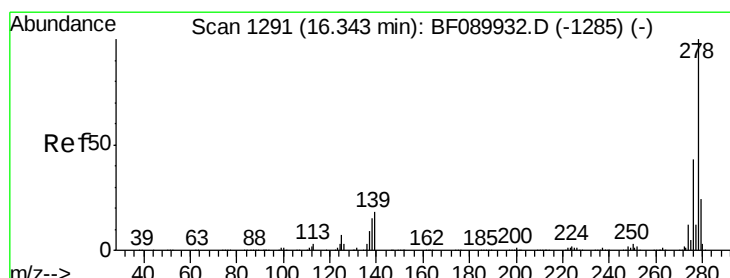
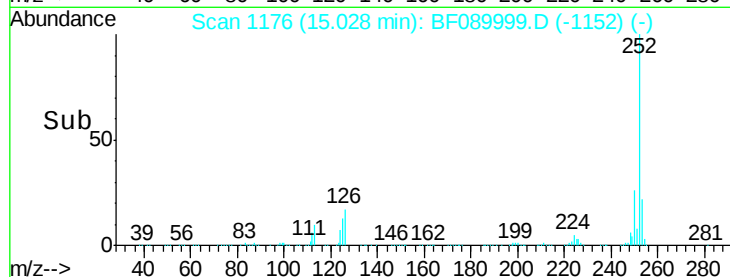
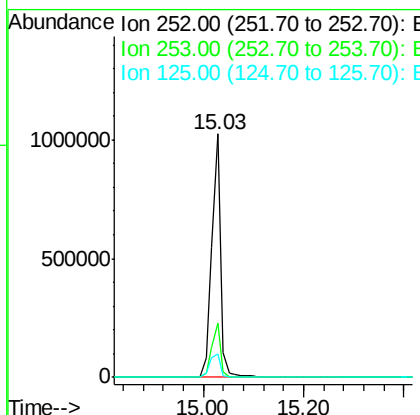
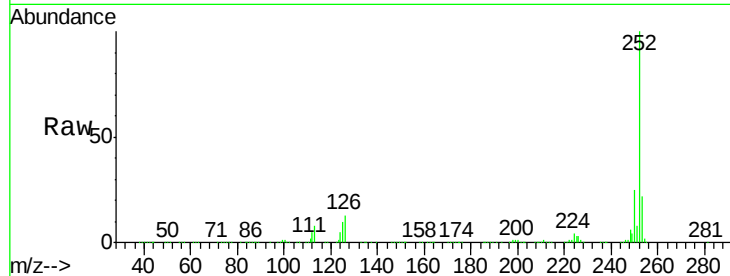
#89
Benzo(a)pyrene
Concen: 40.79 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.02 min
Lab File: BF089999.D
Acq: 7 Sep 2016 12:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	9.8	6.3	9.5#

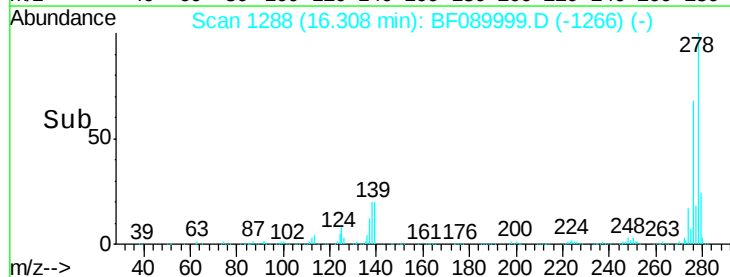
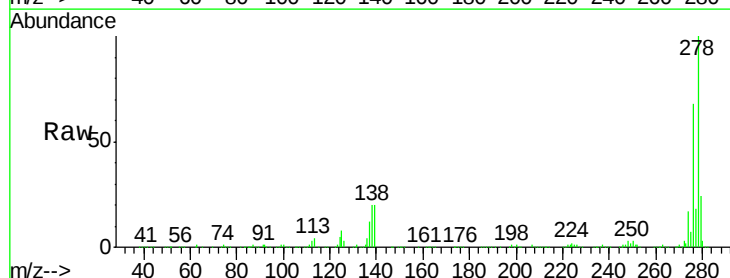
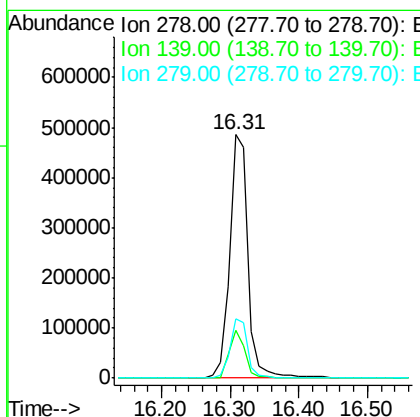
Manual Integrations
APPROVED

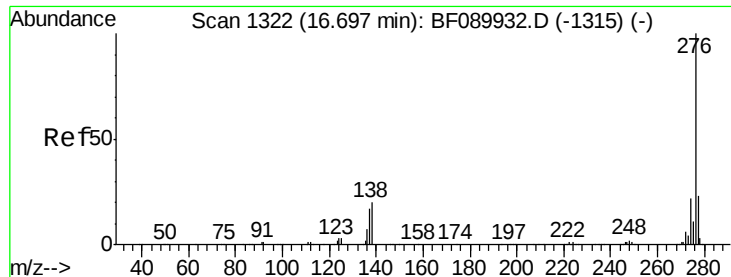
umangi
9/8/2016 12:53:11 PM



#90
Dibenzo(a,h)anthracene
Concen: 40.53 ng
RT: 16.31 min Scan# 1288
Delta R.T. -0.05 min
Lab File: BF089999.D
Acq: 7 Sep 2016 12:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.7	13.4	20.2
279	24.3	19.4	29.2





#91
 Benzo(g,h,i)perylene
 Concen: 40.58 ng
 RT: 16.66 min Scan# 1319
 Delta R.T. -0.05 min
 Lab File: BF089999.D
 Acq: 7 Sep 2016 12:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	276	Resp:	918797
Ion Ratio		Lower	Upper
276	100		
277	24.3	19.0	28.4
138	23.6	16.4	24.6

Manual Integrations
 APPROVED

umangi
 9/8/2016 12:53:11 PM

