

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
 Data File : BF085320.D
 Acq On : 10 Mar 2016 1:23
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

UMANGI
 3/10/2016 3:04:49 PM

Quant Time: Mar 10 10:18:47 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	243205	20.00	ng	-0.03
21) Naphthalene-d8	8.23	136	950058	20.00	ng	-0.03
38) Acenaphthene-d10	9.99	164	430593	20.00	ng	-0.03
63) Phenanthrene-d10	11.48	188	800330	20.00	ng	-0.03
75) Chrysene-d12	14.12	240	432335	20.00	ng	-0.03
86) Perylene-d12	15.58	264	337810	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	1196945	82.55	ng	-0.02
7) Phenol-d6	6.58	99	1518130	79.92	ng	-0.02
23) Nitrobenzene-d5	7.52	82	1427023	80.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	334008	90.65	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	2214763	78.22	ng	-0.03
78) Terphenyl-d14	13.07	244	1640740	88.10	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	288636	38.93	ng	97
3) Pyridine	3.42	79	788600	42.50	ng	99
4) n-Nitrosodimethylamine	3.38	42	299367	37.69	ng	97
6) Aniline	6.62	93	1062436	39.90	ng	95
8) 2-Chlorophenol	6.73	128	648167	37.13	ng	100
9) Benzaldehyde	6.49	77	359321	40.29	ng	99
10) Phenol	6.60	94	930289	45.73	ng	98
11) bis(2-Chloroethyl)ether	6.69	93	675078	39.95	ng	99
12) 1,3-Dichlorobenzene	6.89	146	731897	39.05	ng	99
13) 1,4-Dichlorobenzene	6.96	146	680736	36.24	ng	99
14) 1,2-Dichlorobenzene	7.12	146	661851	38.84	ng	100
15) Benzyl Alcohol	7.09	79	501355	35.95	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.22	45	842080	34.57	ng	98
17) 2-Methylphenol	7.20	107	548741	38.53	ng	97
18) Hexachloroethane	7.46	117	274157	39.57	ng	96
19) n-Nitroso-di-n-propylamine	7.37	70	475868	38.44	ng	97
20) 3+4-Methylphenols	7.36	107	659615	39.10	ng	# 73
22) Acetophenone	7.36	105	796677	34.35	ng	# 95
24) Nitrobenzene	7.53	77	641896	35.59	ng	100
25) Isophorone	7.77	82	1318859	40.08	ng	100
26) 2-Nitrophenol	7.85	139	395312	45.04	ng	# 92
27) 2,4-Dimethylphenol	7.89	122	661097	41.21	ng	96
28) bis(2-Chloroethoxy)methane	7.98	93	715722	39.06	ng	100
29) 2,4-Dichlorophenol	8.09	162	556598	43.03	ng	96
30) 1,2,4-Trichlorobenzene	8.17	180	553152	39.55	ng	99
31) Naphthalene	8.25	128	1807307	38.69	ng	99
32) Benzoic acid	8.01	122	336779	31.61	ng	98
33) 4-Chloroaniline	8.30	127	728733	38.57	ng	99
34) Hexachlorobutadiene	8.38	225	305854	42.03	ng	99
35) Caprolactam	8.70	113	184103	43.58	ng	# 65
36) 4-Chloro-3-methylphenol	8.79	107	622161	42.39	ng	87
37) 2-Methylnaphthalene	8.95	142	1202559	40.11	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	514385	41.77	ng	98
40) Hexachlorocyclopentadiene	9.10	237	266940	40.19	ng	100

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
 Data File : BF085320.D
 Acq On : 10 Mar 2016 1:23
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

UMANGI
 3/10/2016 3:04:49 PM

Quant Time: Mar 10 10:18:47 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	392169	42.78	ng	98
43) 2,4,5-Trichlorophenol	9.27	196	363611	41.84	ng #	85
45) 1,1'-Biphenyl	9.42	154	1522300	41.38	ng	94
46) 2-Chloronaphthalene	9.44	162	1155411	41.20	ng	96
47) 2-Nitroaniline	9.53	65	360372	41.47	ng #	83
48) Acenaphthylene	9.85	152	1628830	37.32	ng	99
49) Dimethylphthalate	9.72	163	1223105	37.01	ng	99
50) 2,6-Dinitrotoluene	9.77	165	290774	41.13	ng #	83
51) Acenaphthene	10.02	154	1009557	38.10	ng	100
52) 3-Nitroaniline	9.94	138	305852	36.16	ng	84
53) 2,4-Dinitrophenol	10.05	184	102260	33.67	ng #	49
54) Dibenzofuran	10.20	168	1279470	36.85	ng	99
55) 4-Nitrophenol	10.10	139	266812	40.14	ng	95
56) 2,4-Dinitrotoluene	10.18	165	422637	46.71	ng #	76
57) Fluorene	10.54	166	1048587	38.45	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.31	232	246527	40.37	ng	97
59) Diethylphthalate	10.41	149	1226959	38.26	ng	97
60) 4-Chlorophenyl-phenylether	10.53	204	548852	41.36	ng	91
61) 4-Nitroaniline	10.56	138	307455	38.86	ng	98
62) Azobenzene	10.69	77	1285852	40.70	ng	96
64) 4,6-Dinitro-2-methylphenol	10.58	198	162821	33.98	ng #	46
65) n-Nitrosodiphenylamine	10.65	169	986809	39.64	ng	99
66) 4-Bromophenyl-phenylether	11.02	248	323381	41.61	ng #	84
67) Hexachlorobenzene	11.09	284	335440	40.46	ng #	83
68) Atrazine	11.18	200	280226	40.48	ng	97
69) Pentachlorophenol	11.28	266	191892	41.70	ng	98
70) Phenanthrene	11.50	178	1699732	40.52	ng	100
71) Anthracene	11.56	178	1632860	36.67	ng	99
72) Carbazole	11.71	167	1400224	35.86	ng	98
73) Di-n-butylphthalate	12.04	149	1711303	34.67	ng	99
74) Fluoranthene	12.69	202	1319028	31.34	ng	97
76) Benzidine	12.81	184	510109	39.64	ng	99
77) Pyrene	12.92	202	1348280	41.43	ng	99
79) Butylbenzylphthalate	13.53	149	565356	38.29	ng #	88
80) Benzo(a)anthracene	14.11	228	942911	36.43	ng	100
81) 3,3'-Dichlorobenzidine	14.07	252	345473	42.31	ng #	95
82) Chrysene	14.14	228	833165	34.85	ng	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	695420	35.79	ng #	97
84) Di-n-octyl phthalate	14.70	149	999830	33.79	ng	96
85) Indeno(1,2,3-cd)pyrene	17.05	276	955088	51.19	ng	97
87) Benzo(b)fluoranthene	15.15	252	877939m	38.99	ng	
88) Benzo(k)fluoranthene	15.18	252	606393m	33.39	ng	
89) Benzo(a)pyrene	15.52	252	748091	40.09	ng	99
90) Dibenzo(a,h)anthracene	17.07	278	799542	50.20	ng	97
91) Benzo(g,h,i)perylene	17.49	276	815848	50.94	ng	99

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

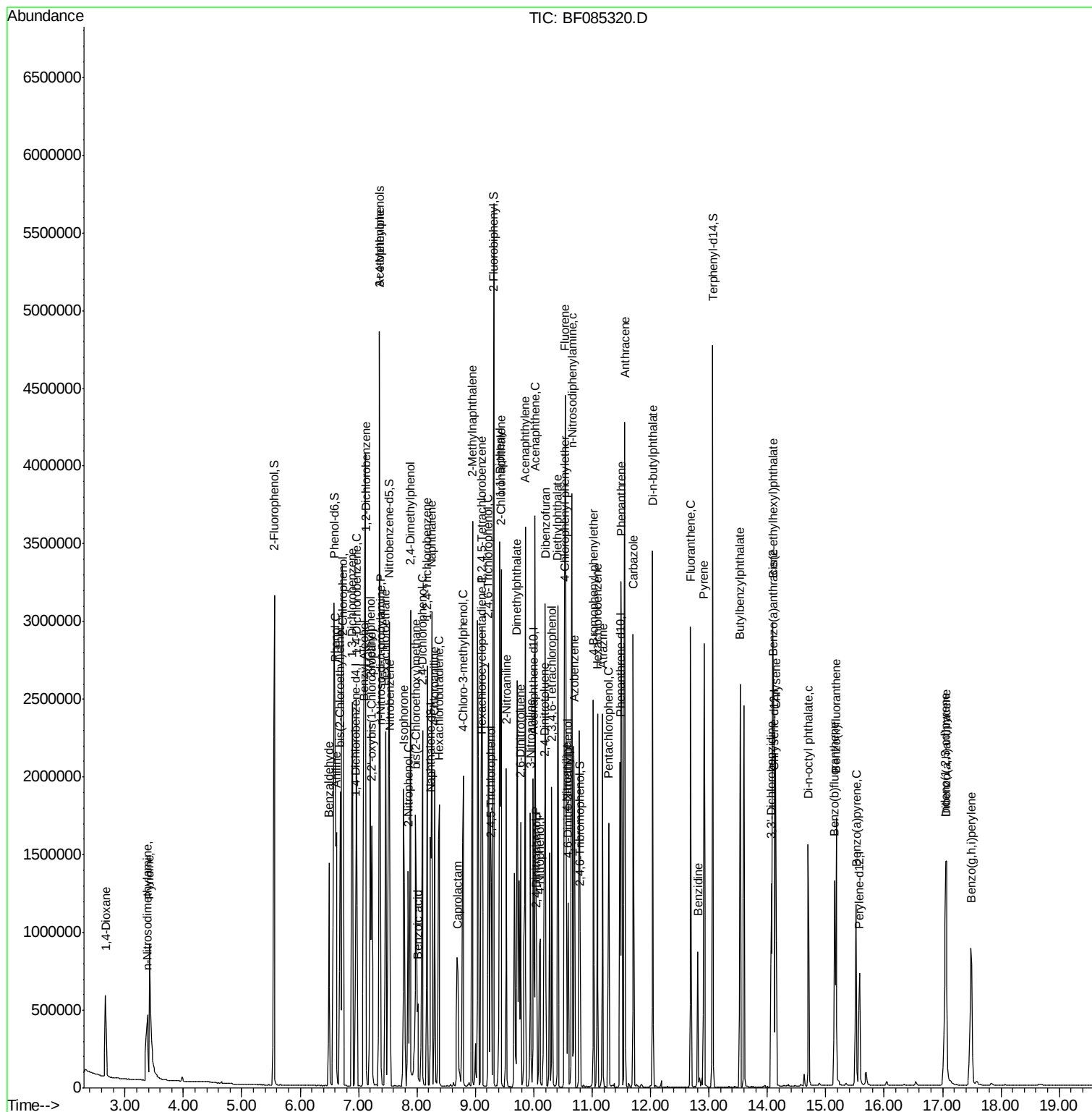
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085320.D
Acq On : 10 Mar 2016 1:23
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

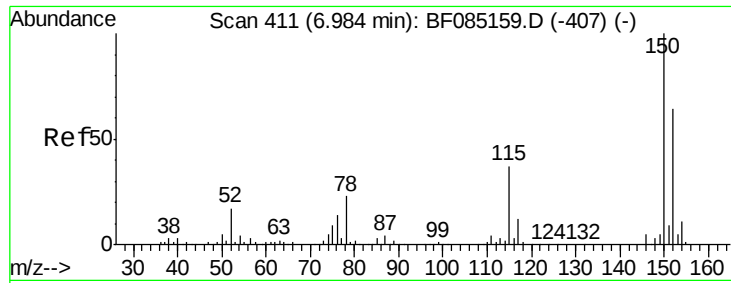
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

UMANGI
3/10/2016 3:04:49 PM

Quant Time: Mar 10 10:18:47 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration





#1

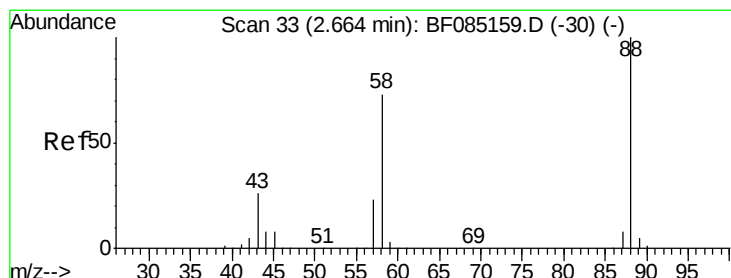
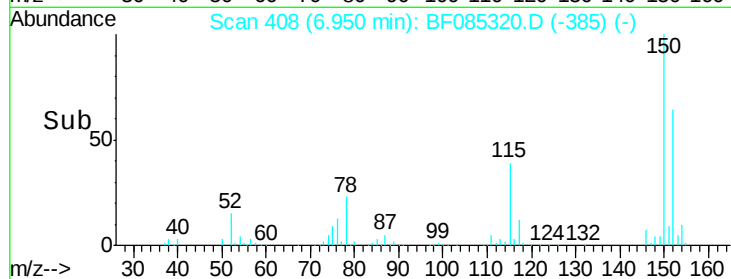
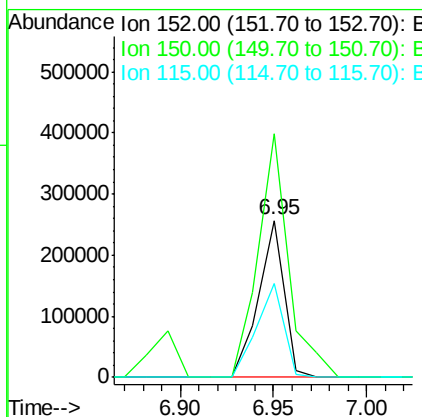
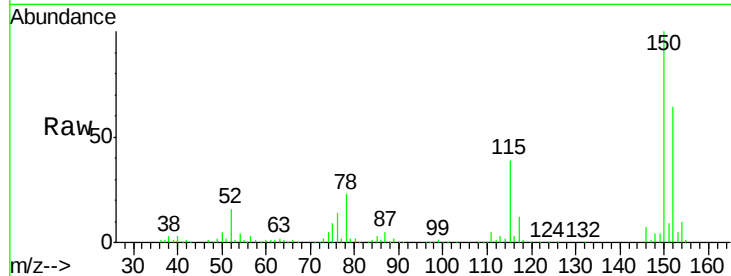
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 408
Delta R.T. -0.03 min
Lab File: BF085320.D
Acq: 10 Mar 2016 1:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	243205		
150	155.2	124.6	186.8	
115	59.8	46.6	70.0	

Manual Integrations
APPROVED

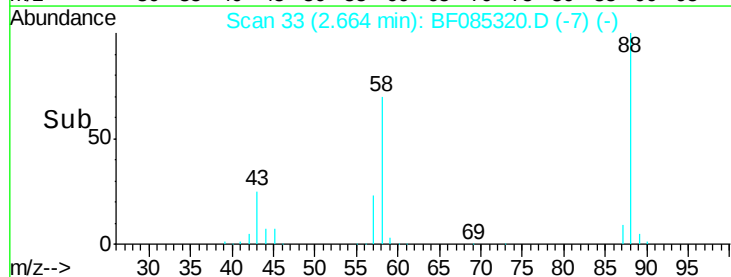
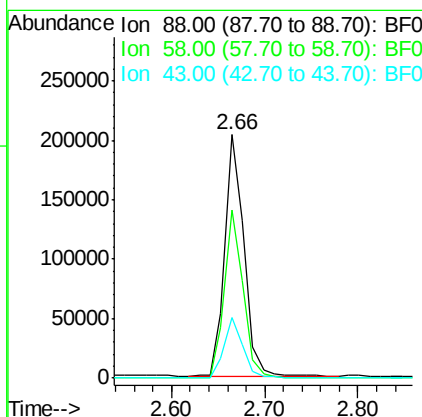
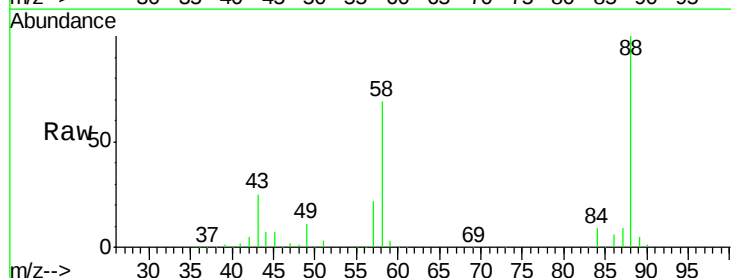
UMANGI
3/10/2016 3:04:49 PM

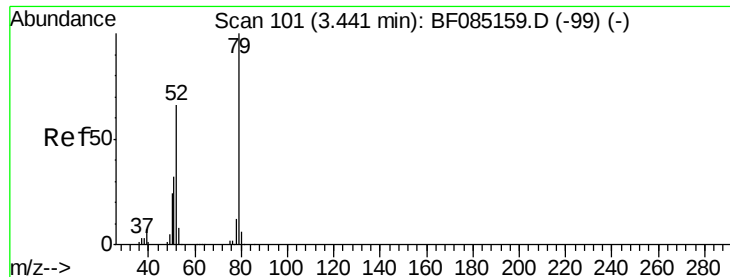


#2

1,4-Dioxane
Concen: 38.93 ng
RT: 2.66 min Scan# 33
Delta R.T. 0.00 min
Lab File: BF085320.D
Acq: 10 Mar 2016 1:23

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	288636		
58	68.9	57.0	85.6	
43	24.5	20.5	30.7	





#3

Pyridine

Concen: 42.50 ng

RT: 3.42 min Scan# 99

Delta R.T. -0.02 min

Lab File: BF085320.D

Acq: 10 Mar 2016 1:23

Instrument :

BNA_F

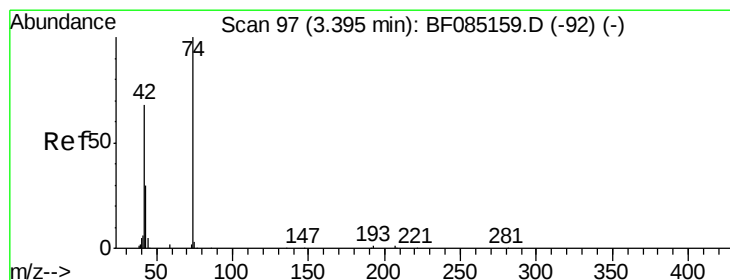
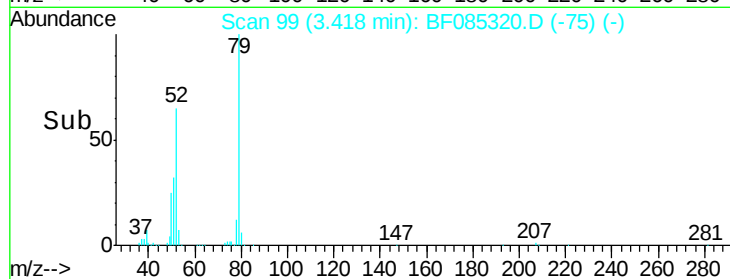
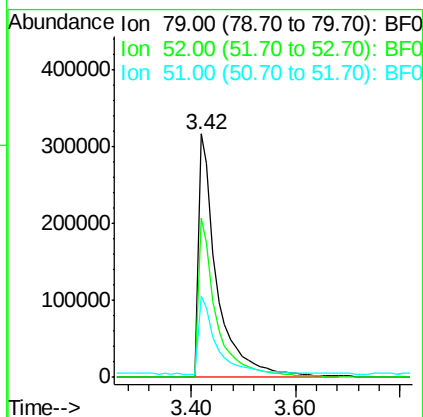
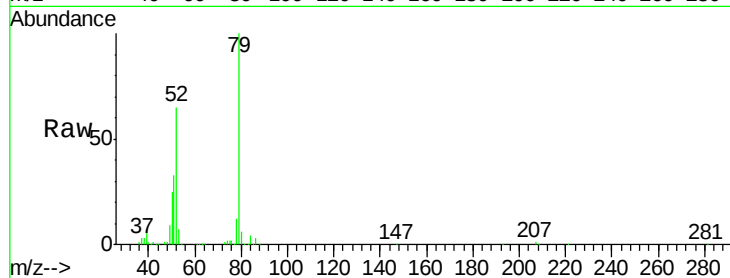
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	788600
Ion Ratio	Lower	Upper	
79	100		
52	65.3	52.6	79.0
51	33.2	25.8	38.8

Manual Integrations
APPROVED

UMANGI
3/10/2016 3:04:49 PM



#4

n-Nitrosodimethylamine

Concen: 37.69 ng

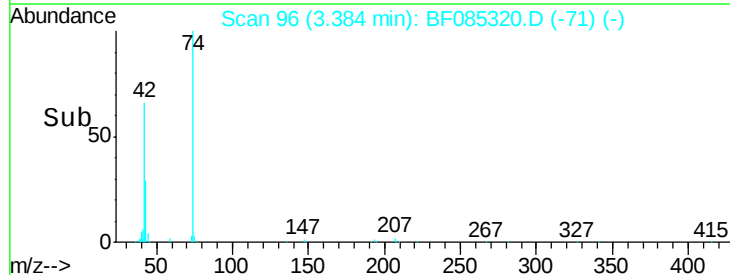
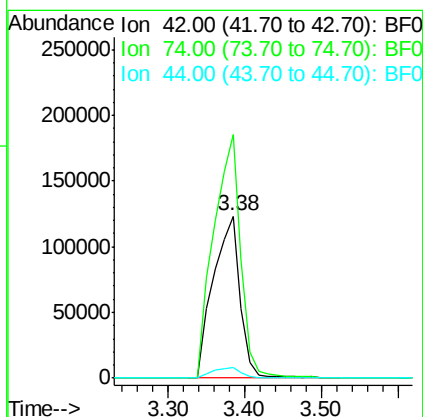
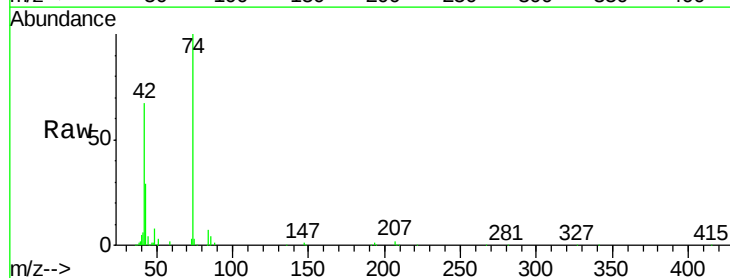
RT: 3.38 min Scan# 96

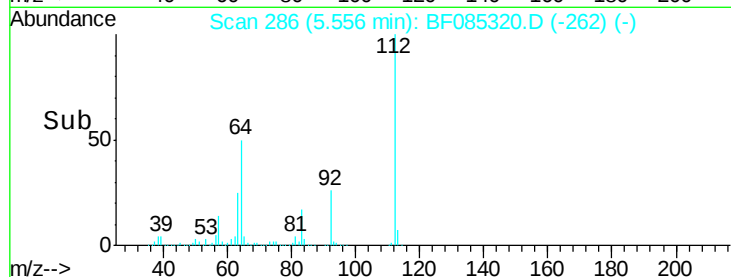
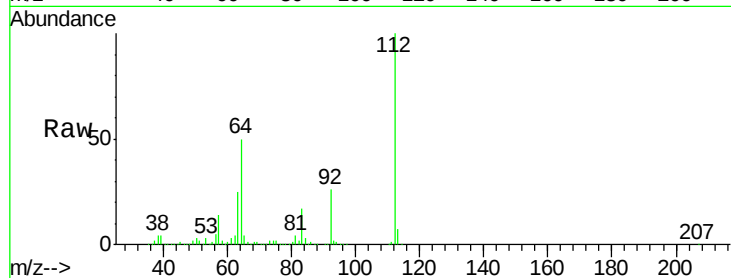
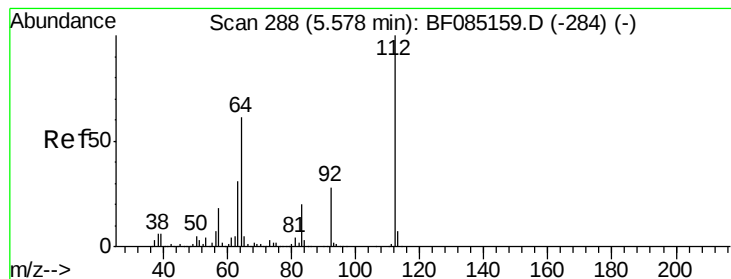
Delta R.T. -0.01 min

Lab File: BF085320.D

Acq: 10 Mar 2016 1:23

Tgt Ion:	42	Resp:	299367
Ion Ratio	Lower	Upper	
42	100		
74	150.3	116.8	175.2
44	6.2	5.5	8.3





#5

2-Fluorophenol

Concen: 82.55 ng

RT: 5.56 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF085320.D

Acq: 10 Mar 2016 1:23

Tgt Ion:	112	Resp:	1196945
Ion	Ratio	Lower	Upper
112	100		
64	50.0	49.0	73.4
63	24.9	24.8	37.2

Instrument :

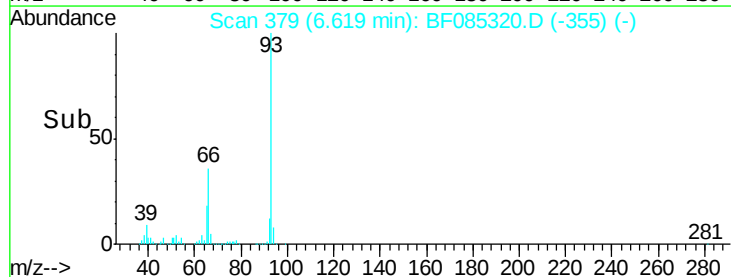
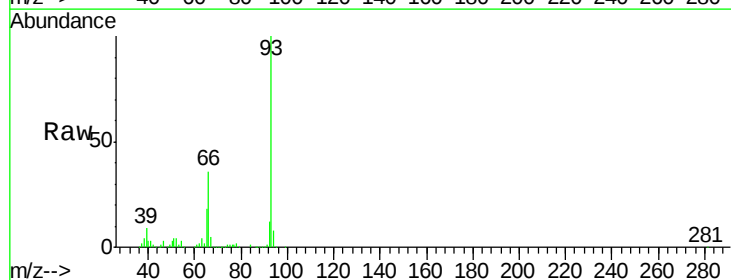
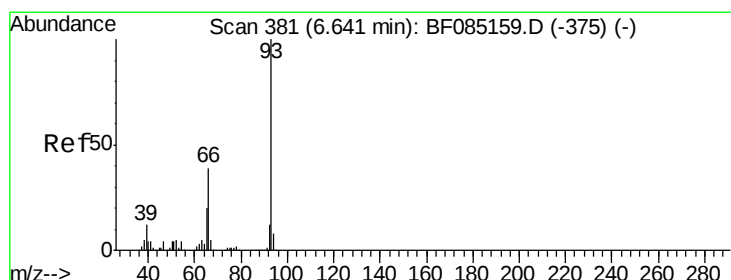
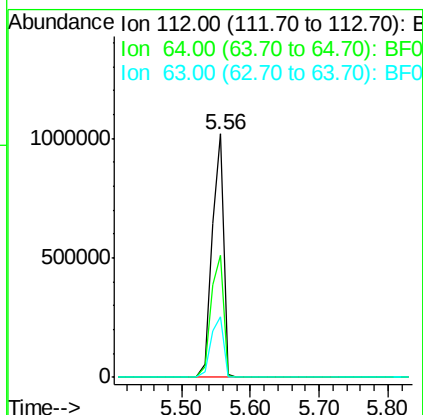
BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations
APPROVED

UMANGI
3/10/2016 3:04:49 PM



#6

Aniline

Concen: 39.90 ng

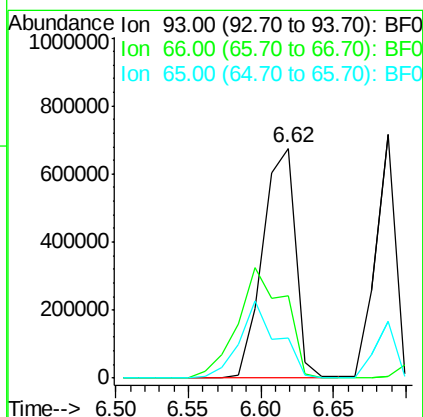
RT: 6.62 min Scan# 379

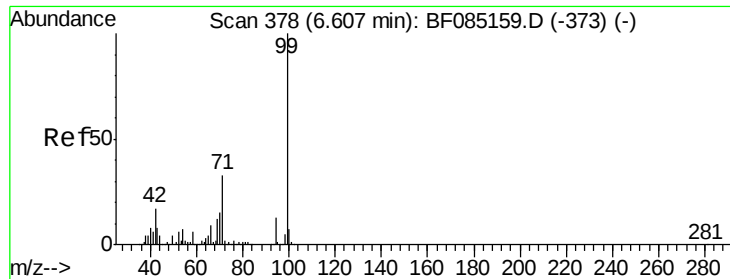
Delta R.T. -0.02 min

Lab File: BF085320.D

Acq: 10 Mar 2016 1:23

Tgt Ion:	93	Resp:	1062436
Ion	Ratio	Lower	Upper
93	100		
66	36.1	31.6	47.4
65	17.6	15.8	23.8





#7

Phenol-d6

Concen: 79.92 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085320.D

Acq: 10 Mar 2016 1:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1518130

Ion Ratio Lower Upper

99 100

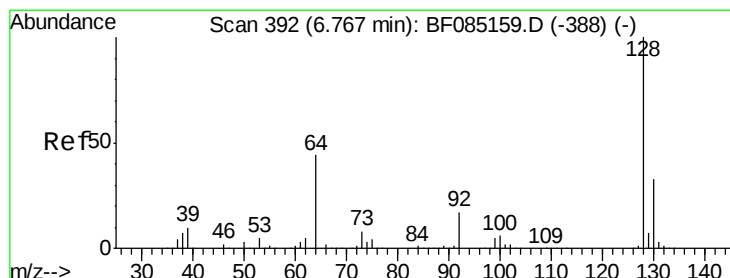
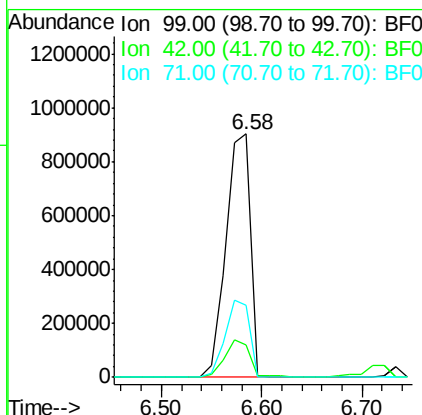
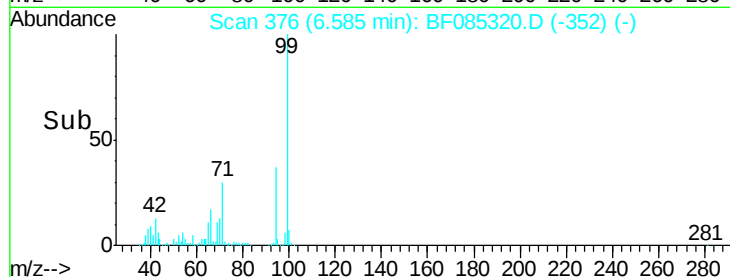
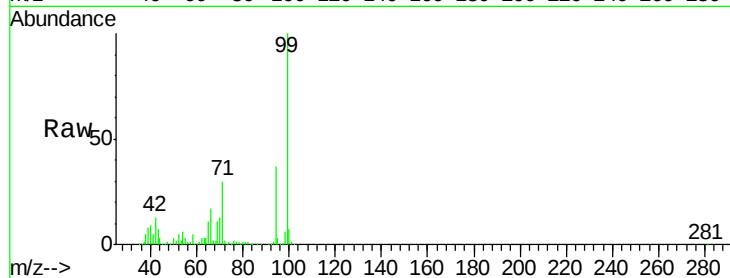
42 13.1 13.6 20.4#

71 29.8 26.7 40.1

Manual Integrations
APPROVED

UMANGI

3/10/2016 3:04:49 PM



#8

2-Chlorophenol

Concen: 37.13 ng

RT: 6.73 min Scan# 389

Delta R.T. -0.03 min

Lab File: BF085320.D

Acq: 10 Mar 2016 1:23

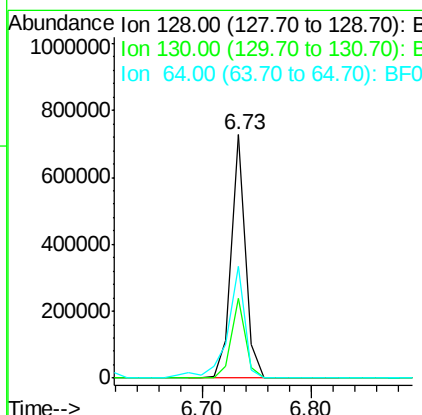
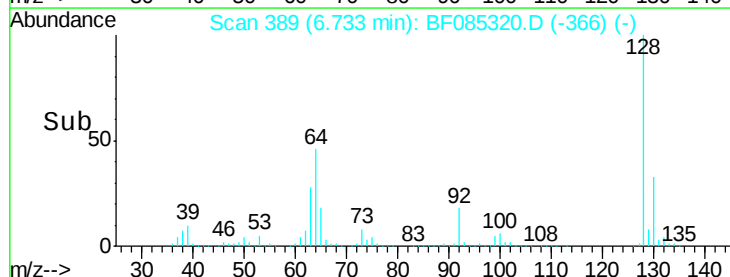
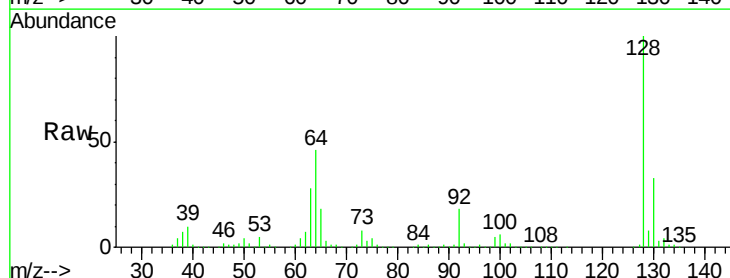
Tgt Ion: 128 Resp: 648167

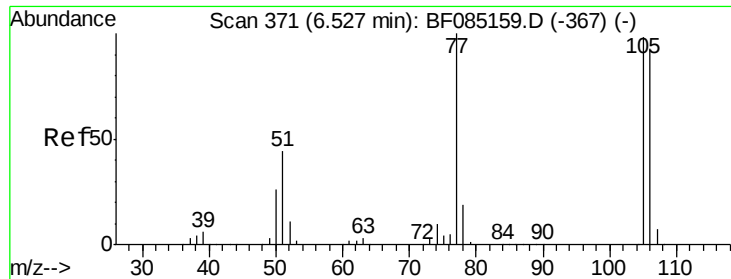
Ion Ratio Lower Upper

128 100

130 32.8 13.3 53.3

64 45.7 25.7 65.7





#9

Benzaldehyde

Concen: 40.29 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.03 min

Lab File: BF085320.D

Acq: 10 Mar 2016 1:23

Instrument :

BNA_F

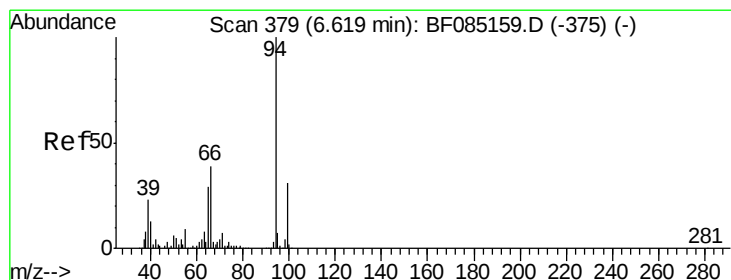
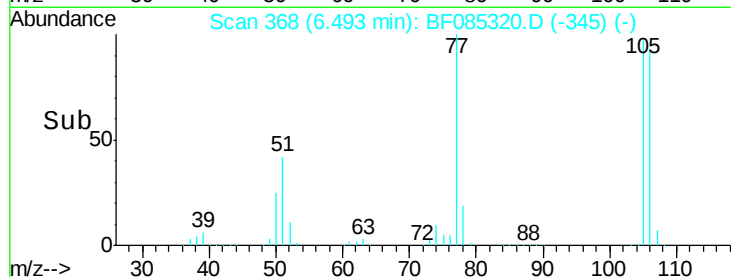
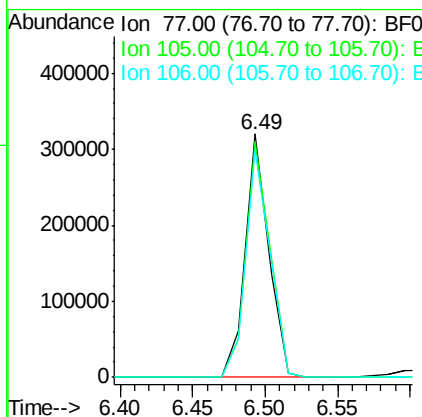
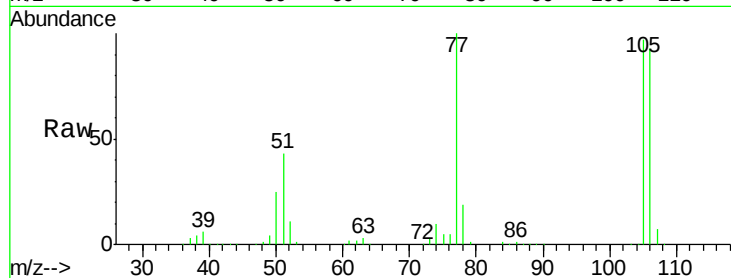
ClientSampleId :

SSTDCCC040

Tgt Ion:	77	Resp:	359321
Ion	Ratio	Lower	Upper
77	100		
105	96.9	78.2	118.2
106	93.4	72.9	112.9

Manual Integrations
APPROVED

UMANGI
3/10/2016 3:04:49 PM



#10

Phenol

Concen: 45.73 ng

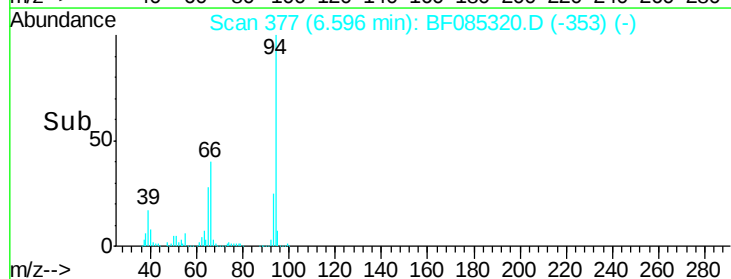
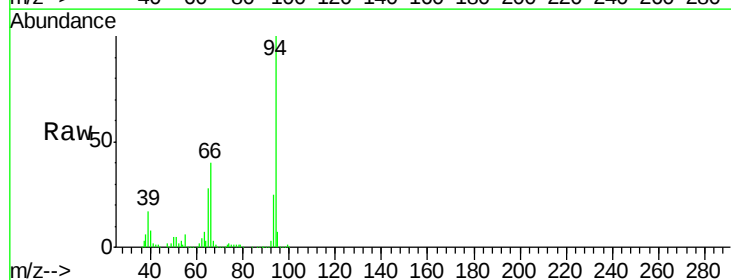
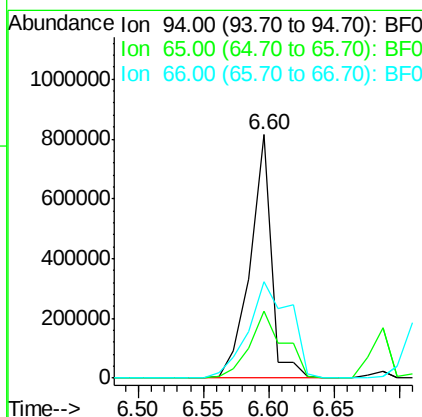
RT: 6.60 min Scan# 377

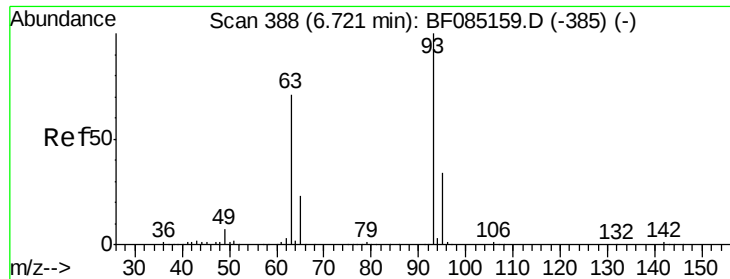
Delta R.T. -0.02 min

Lab File: BF085320.D

Acq: 10 Mar 2016 1:23

Tgt Ion:	94	Resp:	930289
Ion	Ratio	Lower	Upper
94	100		
65	27.7	9.1	49.1
66	39.8	19.3	59.3





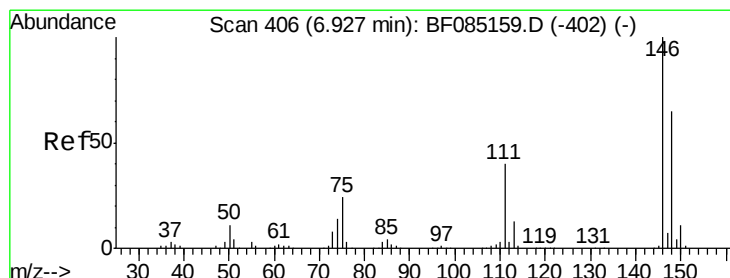
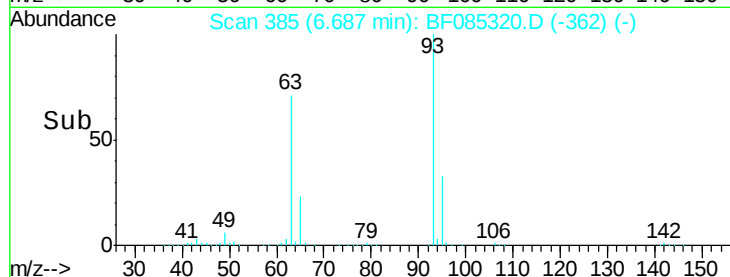
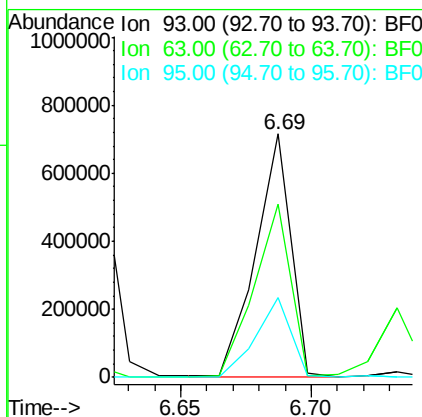
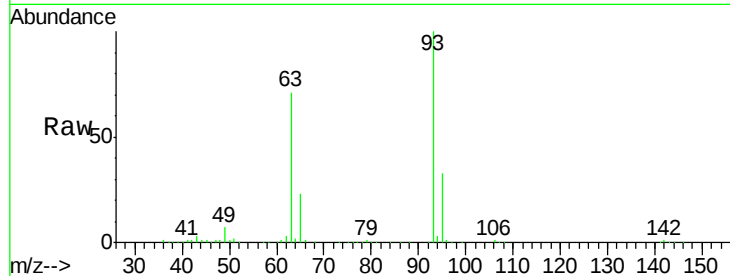
#11
bis(2-Chloroethyl)ether
Concen: 39.95 ng
RT: 6.69 min Scan# 385
Delta R.T. -0.03 min
Lab File: BF085320.D
Acq: 10 Mar 2016 1:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	70.9	50.9	90.9
95	32.8	13.7	53.7

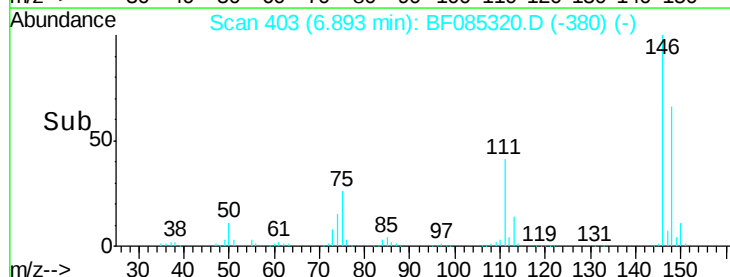
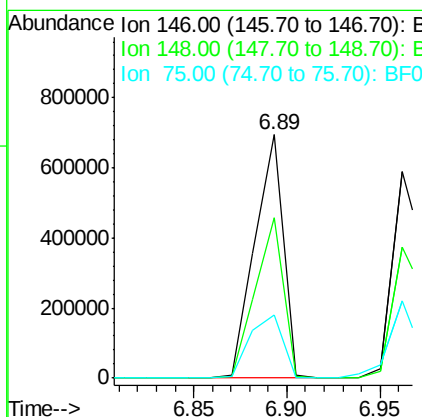
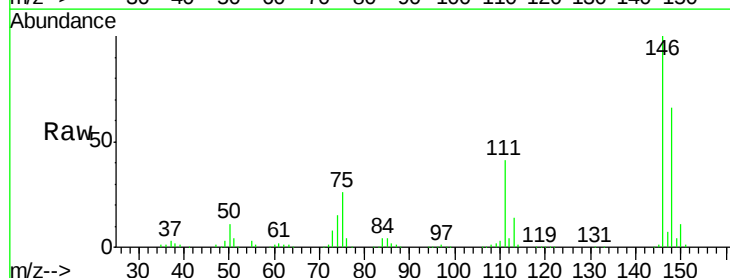
Manual Integrations
APPROVED

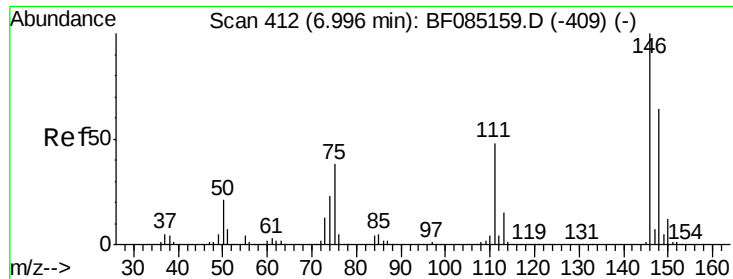
UMANGI
3/10/2016 3:04:49 PM



#12
1,3-Dichlorobenzene
Concen: 39.05 ng
RT: 6.89 min Scan# 403
Delta R.T. -0.03 min
Lab File: BF085320.D
Acq: 10 Mar 2016 1:23

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	65.8	52.1	78.1
75	25.8	19.5	29.3





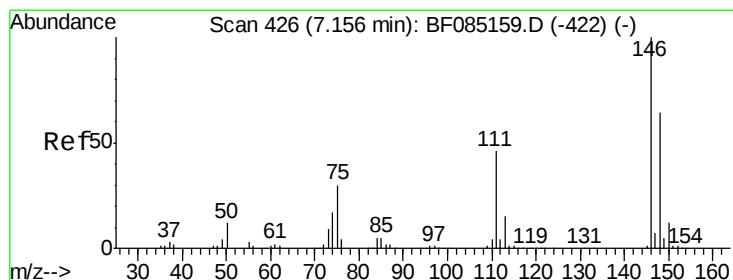
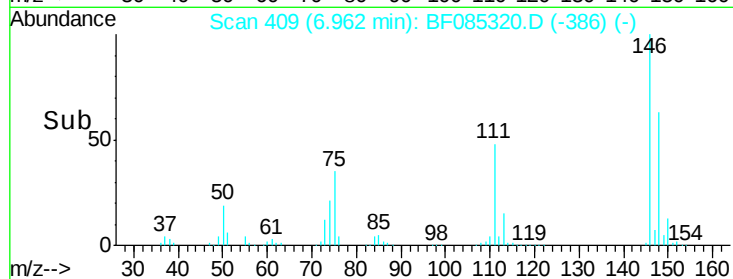
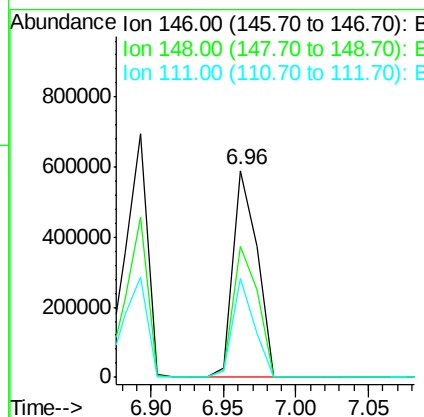
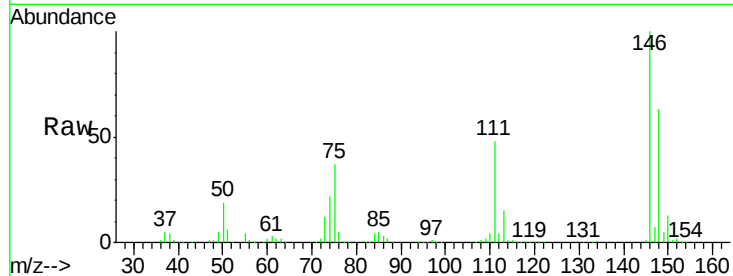
#13
 1,4-Dichlorobenzene
 Concen: 36.24 ng
 RT: 6.96 min Scan# 409
 Delta R.T. -0.03 min
 Lab File: BF085320.D
 Acq: 10 Mar 2016 1:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	680736		
148	63.2	51.3	76.9	
111	47.8	38.4	57.6	

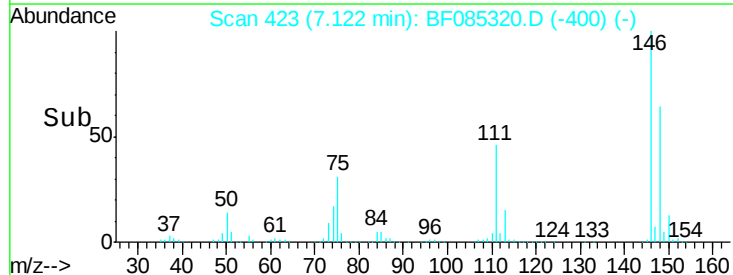
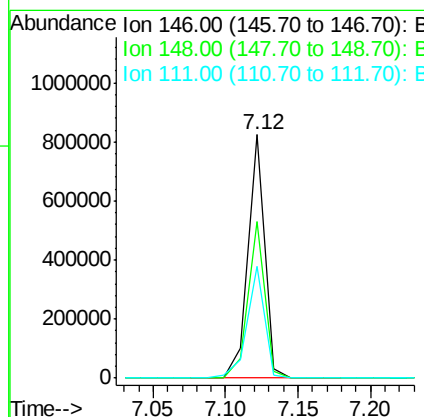
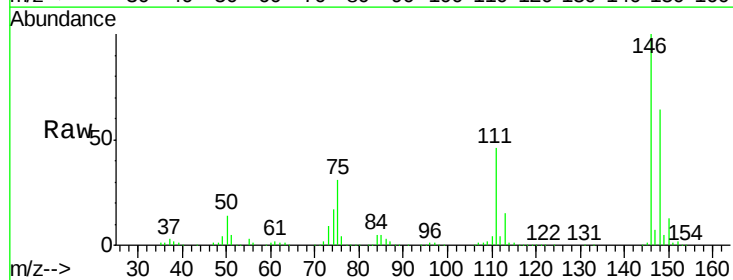
Manual Integrations
 APPROVED

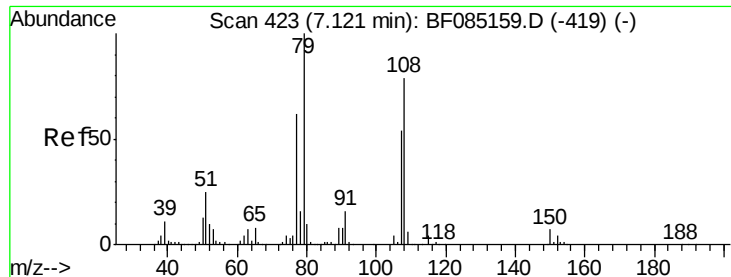
UMANGI
 3/10/2016 3:04:49 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.84 ng
 RT: 7.12 min Scan# 423
 Delta R.T. -0.03 min
 Lab File: BF085320.D
 Acq: 10 Mar 2016 1:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	661851		
148	64.2	51.4	77.2	
111	46.0	36.7	55.1	





#15

Benzyl Alcohol

Concen: 35.95 ng

RT: 7.09 min Scan# 420

Delta R.T. -0.03 min

Lab File: BF085320.D

Acq: 10 Mar 2016 1:23

Instrument :

BNA_F

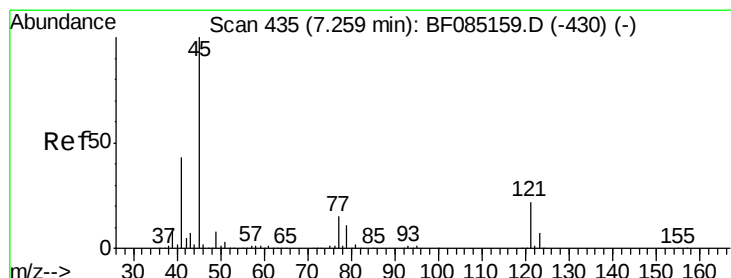
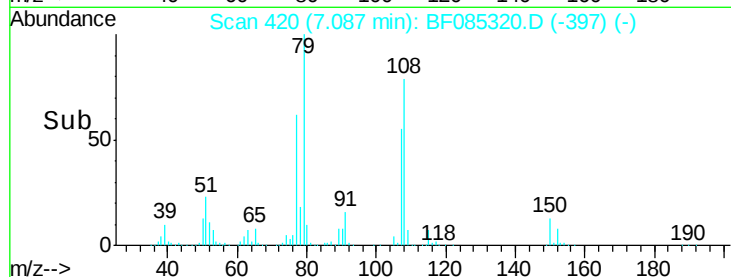
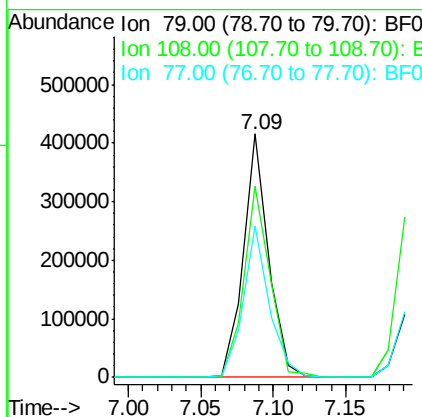
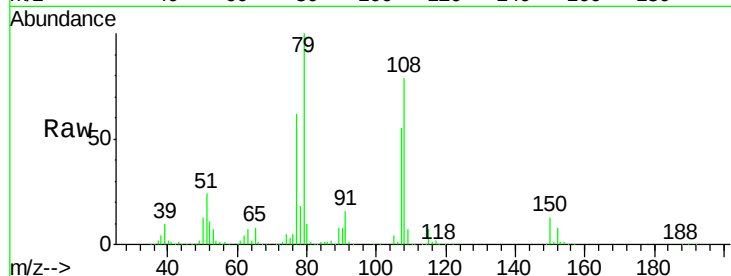
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	501355		
108	78.7	62.9	94.3	
77	62.1	49.5	74.3	

Manual Integrations
APPROVED

UMANGI
3/10/2016 3:04:49 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.57 ng

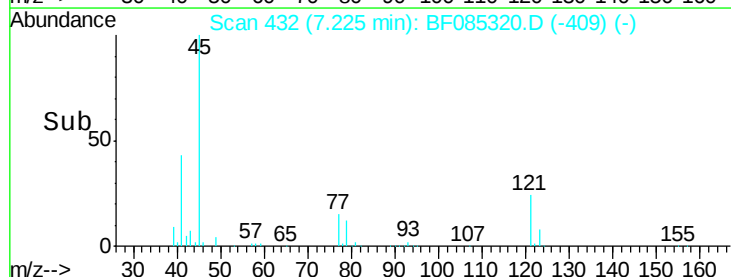
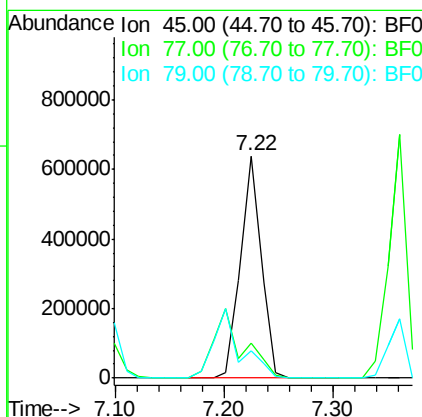
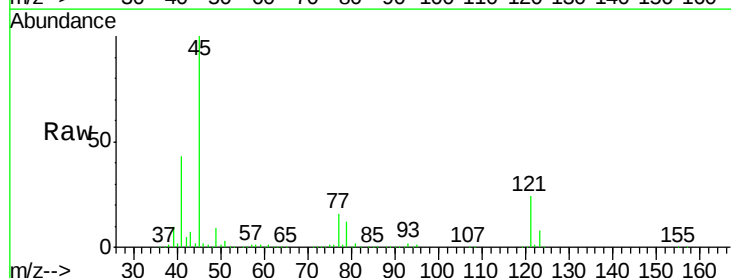
RT: 7.22 min Scan# 432

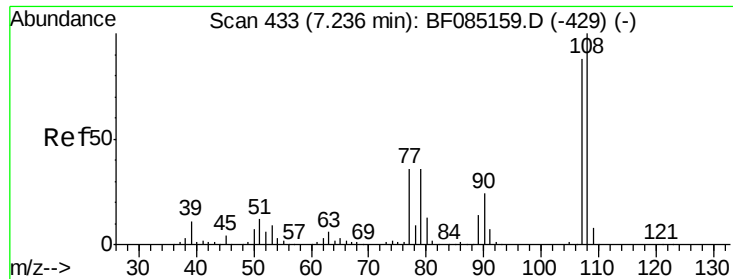
Delta R.T. -0.03 min

Lab File: BF085320.D

Acq: 10 Mar 2016 1:23

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	842080		
77	15.9	0.0	35.1	
79	12.2	0.0	31.3	





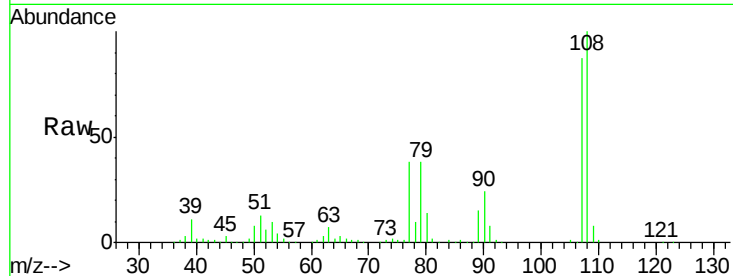
#17
2-Methylphenol
Concen: 38.53 ng
RT: 7.20 min Scan# 430
Delta R.T. -0.03 min
Lab File: BF085320.D
Acq: 10 Mar 2016 1:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

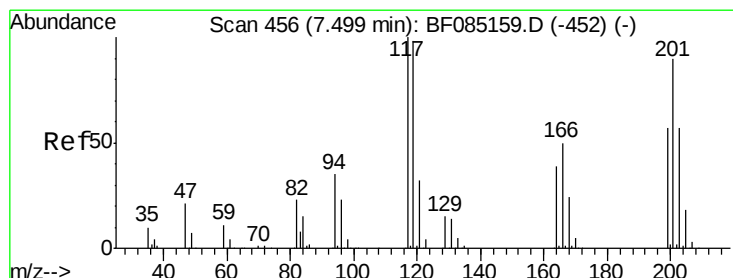
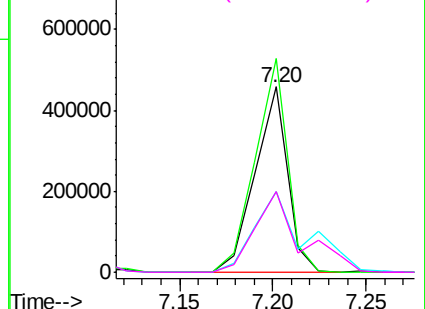
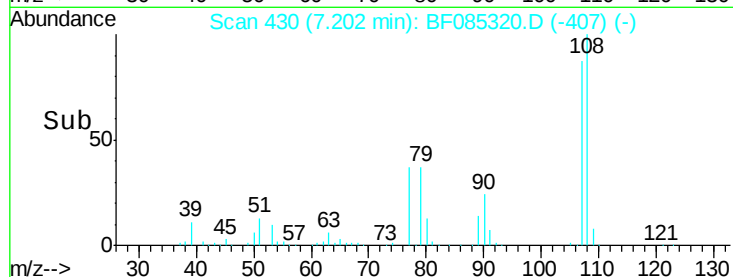
Tgt Ion:	107	Resp:	548741
Ion Ratio	Lower	Upper	
107	100		
108	115.3	90.9	136.3
77	43.7	32.6	48.8
79	43.4	32.8	49.2

Manual Integrations
APPROVED

UMANGI
3/10/2016 3:04:49 PM

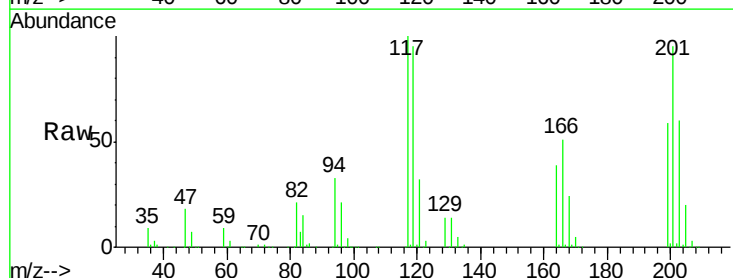


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

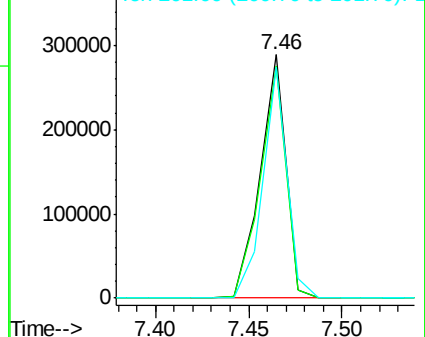
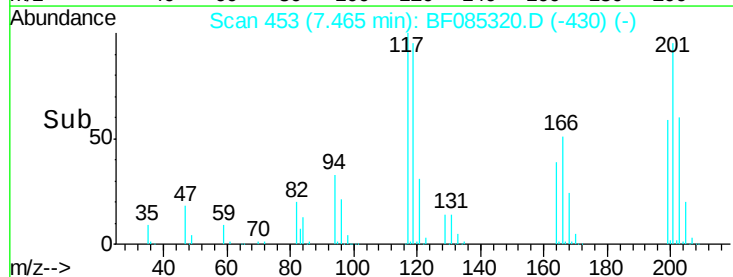


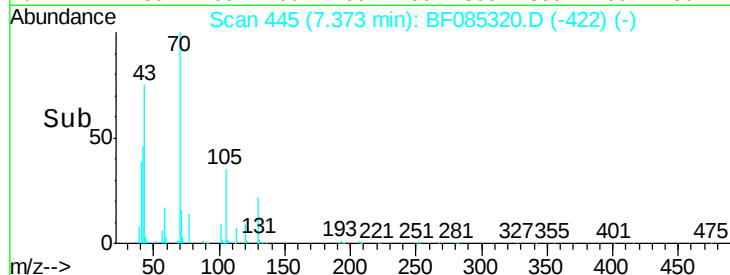
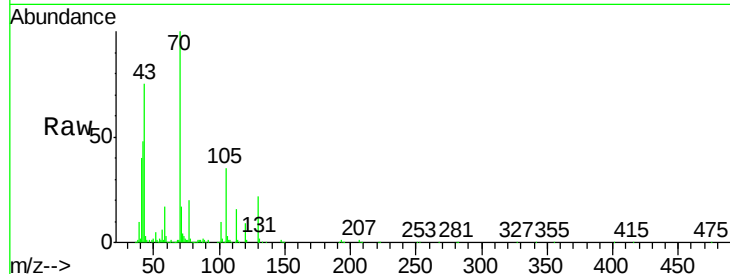
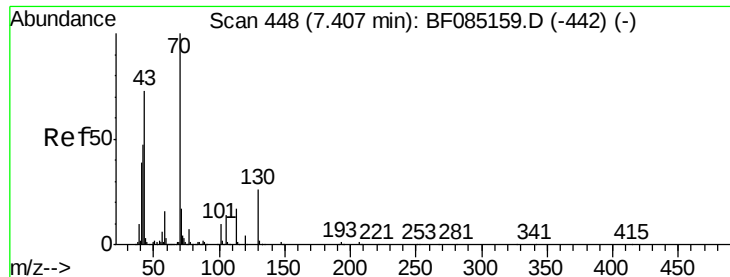
#18
Hexachloroethane
Concen: 39.57 ng
RT: 7.46 min Scan# 453
Delta R.T. -0.03 min
Lab File: BF085320.D
Acq: 10 Mar 2016 1:23

Tgt Ion:	117	Resp:	274157
Ion Ratio	Lower	Upper	
117	100		
119	95.2	78.2	117.4
201	94.8	72.0	108.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





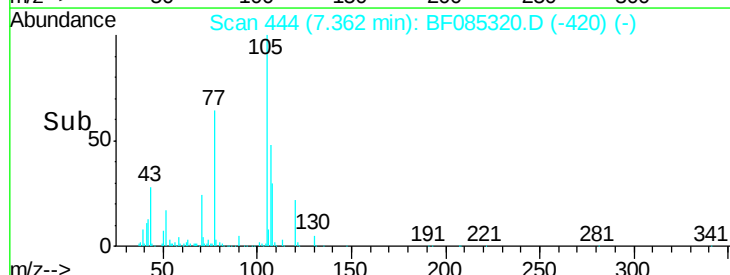
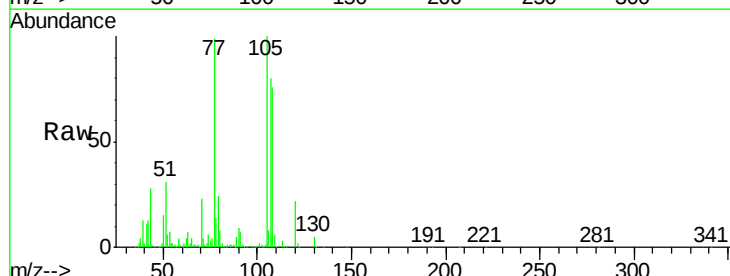
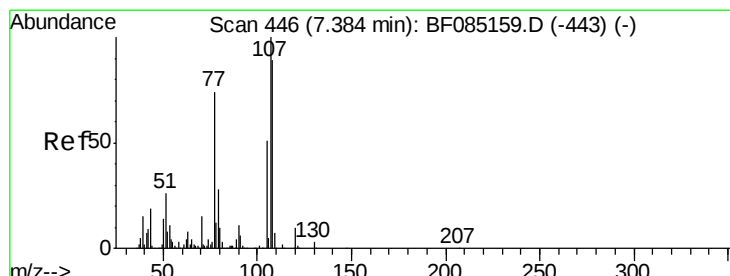
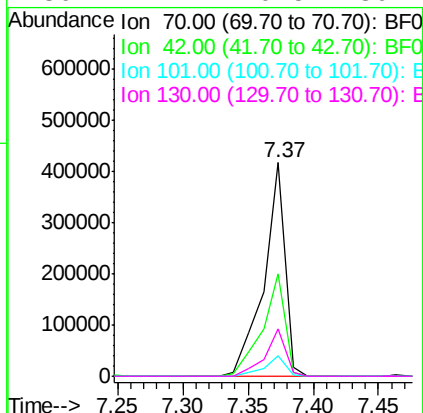
#19
n-Nitroso-di-n-propylamine
Concen: 38.44 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.03 min
Lab File: BF085320.D
Acq: 10 Mar 2016 1:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

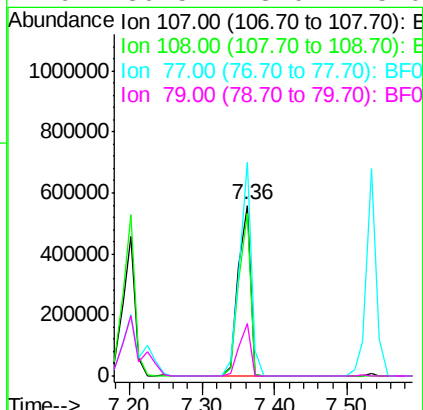
UMANGI
3/10/2016 3:04:49 PM

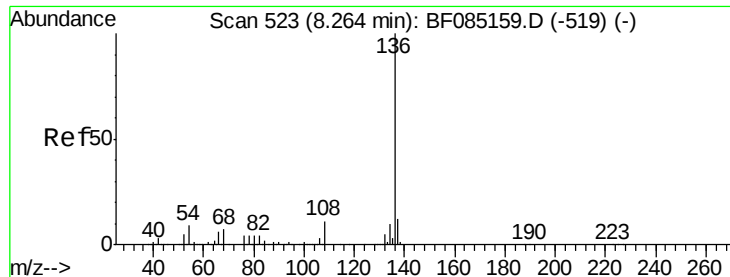
Tgt Ion	Ratio	Lower	Upper
70	100		
42	47.9	37.7	56.5
101	9.8	8.2	12.4
130	22.1	20.5	30.7



#20
3+4-Methylphenols
Concen: 39.10 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.02 min
Lab File: BF085320.D
Acq: 10 Mar 2016 1:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.0	68.8	108.8
77	125.0	53.6	93.6#
79	30.5	8.0	48.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 520

Delta R.T. -0.03 min

Lab File: BF085320.D

Acq: 10 Mar 2016 1:23

Instrument :

BNA_F

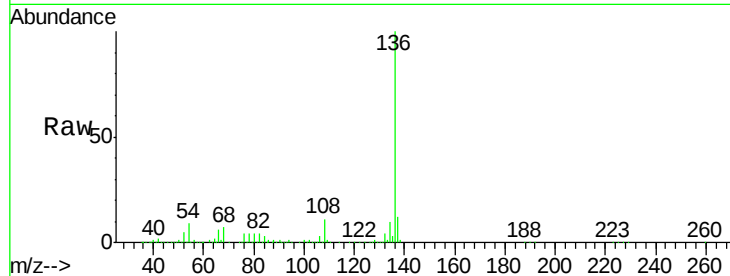
ClientSampleId :

SSTDCCC040

Tgt	Ion	Ratio	Resp	Lower	Upper
136	100		950058		
137	11.5		9.3	13.9	
54	8.8		7.4	11.2	
68	7.2		6.0	9.0	

Manual Integrations
APPROVED

UMANGI
3/10/2016 3:04:49 PM

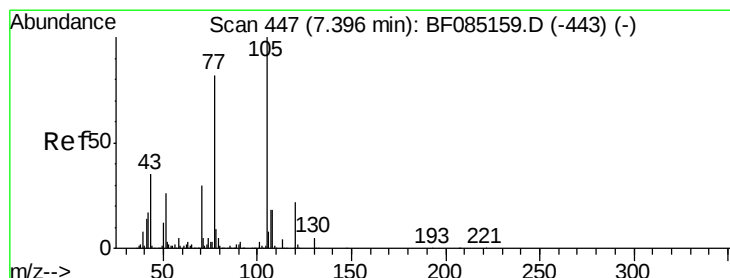
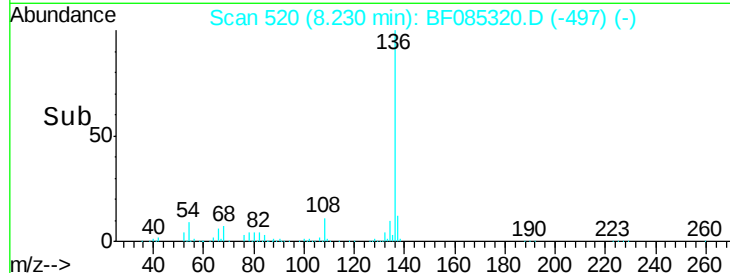
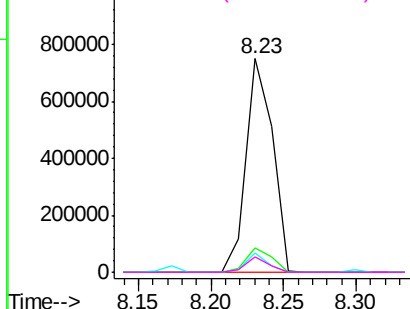


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.35 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.03 min

Lab File: BF085320.D

Acq: 10 Mar 2016 1:23

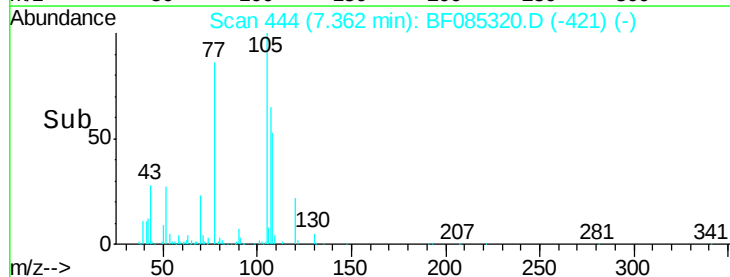
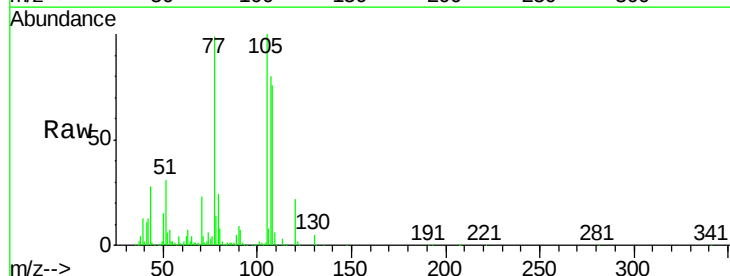
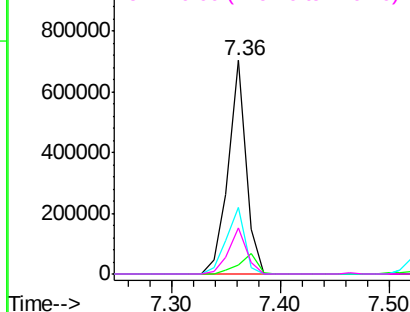
Tgt	Ion	Ratio	Resp	Lower	Upper
105	100		796677		
71	3.9		4.1	6.1#	
51	31.0		21.1	31.7	
120	21.7		17.3	25.9	

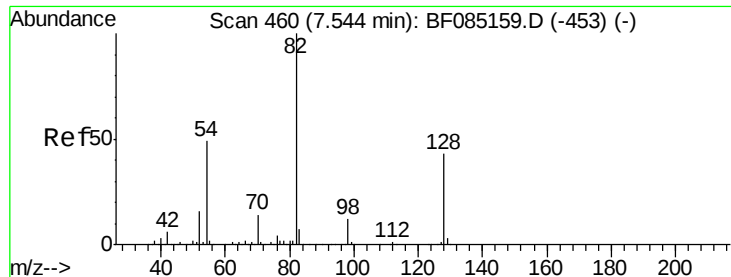
Abundance Ion 105.00 (104.70 to 105.70): E

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





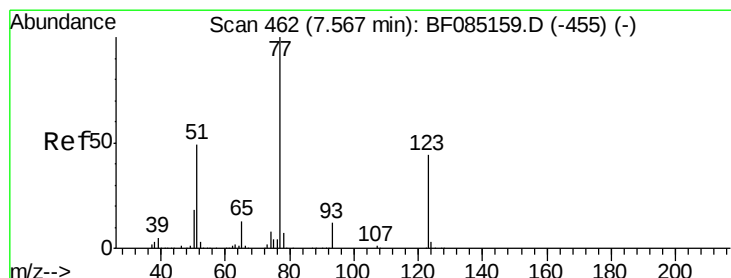
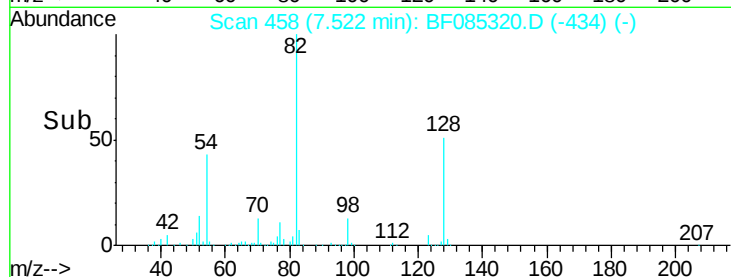
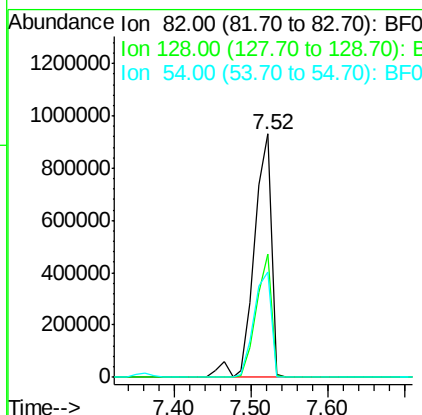
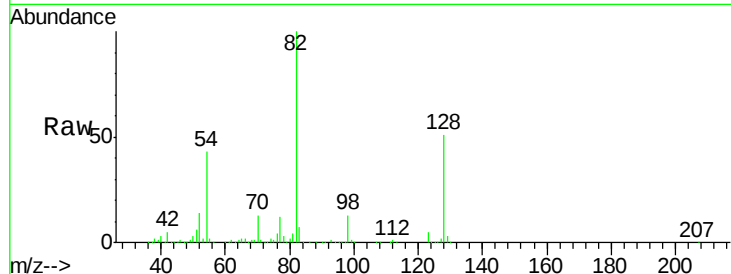
#23
 Nitrobenzene-d5
 Concen: 80.38 ng
 RT: 7.52 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF085320.D
 Acq: 10 Mar 2016 1:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 82 Resp: 1427023
 Ion Ratio Lower Upper
 82 100
 128 50.7 34.5 51.7
 54 43.3 39.3 58.9

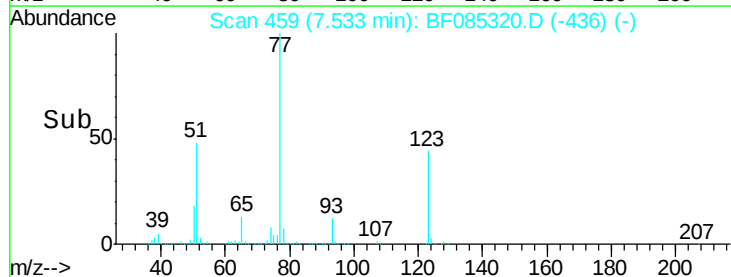
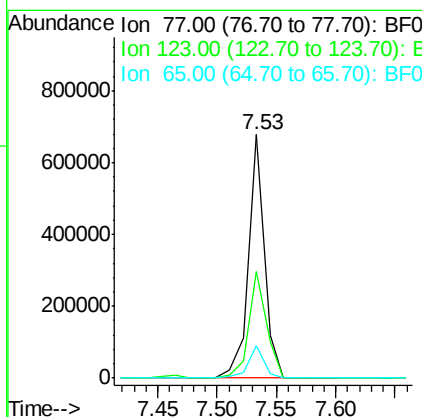
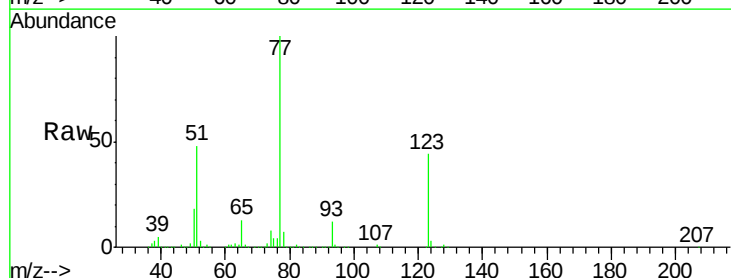
Manual Integrations
 APPROVED

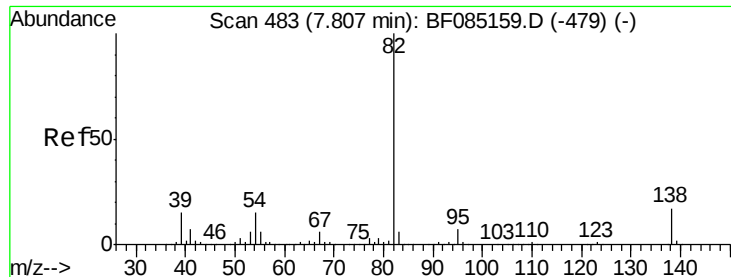
UMANGI
 3/10/2016 3:04:49 PM



#24
 Nitrobenzene
 Concen: 35.59 ng
 RT: 7.53 min Scan# 459
 Delta R.T. -0.03 min
 Lab File: BF085320.D
 Acq: 10 Mar 2016 1:23

Tgt Ion: 77 Resp: 641896
 Ion Ratio Lower Upper
 77 100
 123 44.0 35.4 53.2
 65 13.3 10.6 16.0





#25

Isophorone

Concen: 40.08 ng

RT: 7.77 min Scan# 480

Delta R.T. -0.03 min

Lab File: BF085320.D

Acq: 10 Mar 2016 1:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1318859

Ion Ratio Lower Upper

82 100

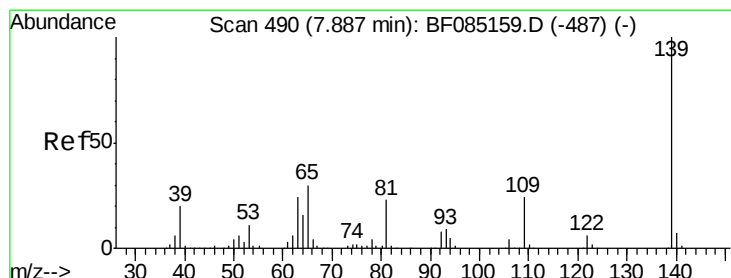
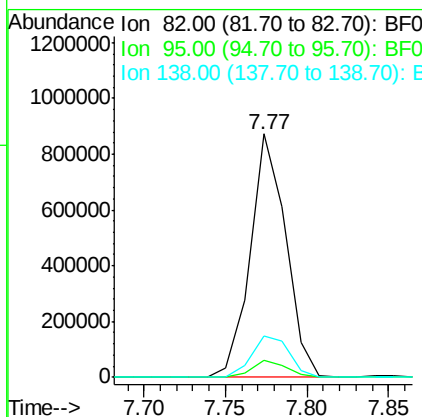
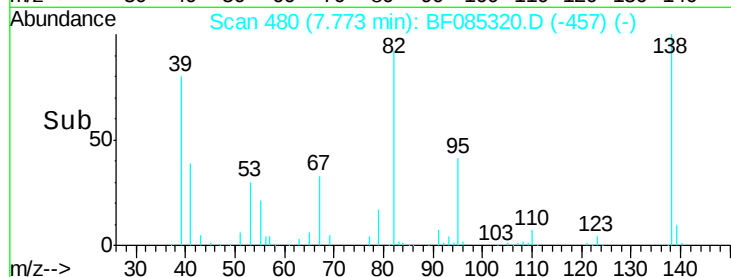
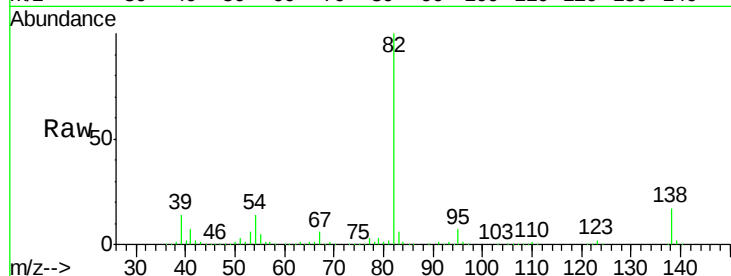
95 6.9 5.4 8.2

138 16.9 13.3 19.9

Manual Integrations
APPROVED

UMANGI

3/10/2016 3:04:49 PM



#26

2-Nitrophenol

Concen: 45.04 ng

RT: 7.85 min Scan# 487

Delta R.T. -0.03 min

Lab File: BF085320.D

Acq: 10 Mar 2016 1:23

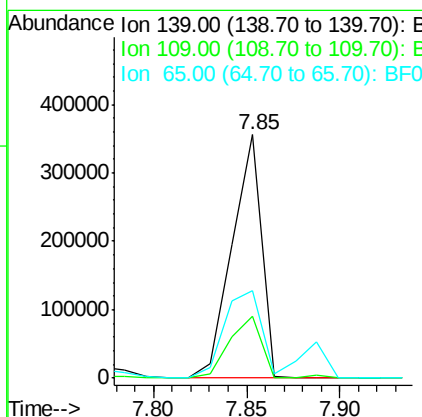
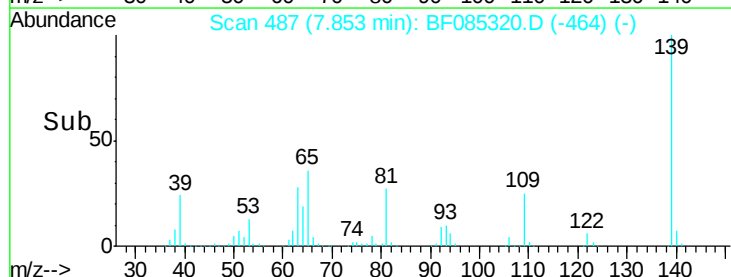
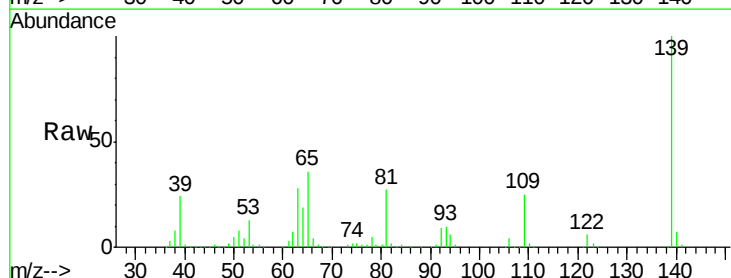
Tgt Ion: 139 Resp: 395312

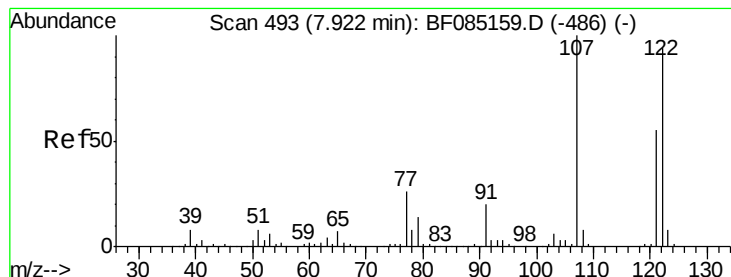
Ion Ratio Lower Upper

139 100

109 25.4 19.1 28.7

65 35.9 23.9 35.9#





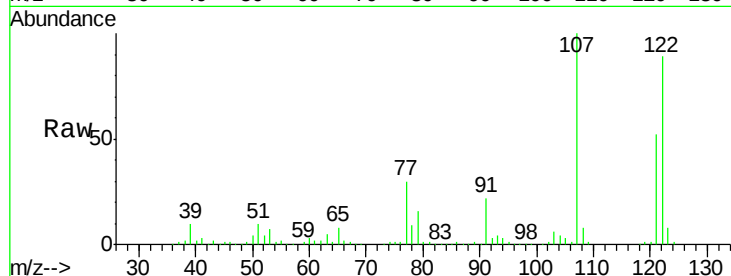
#27
2,4-Dimethylphenol
Concen: 41.21 ng
RT: 7.89 min Scan# 490
Delta R.T. -0.03 min
Lab File: BF085320.D
Acq: 10 Mar 2016 1:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

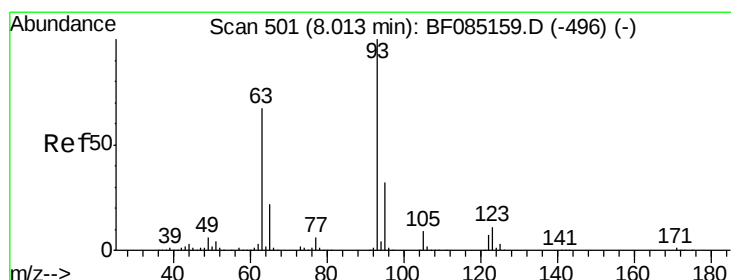
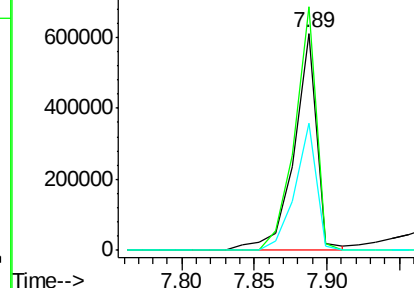
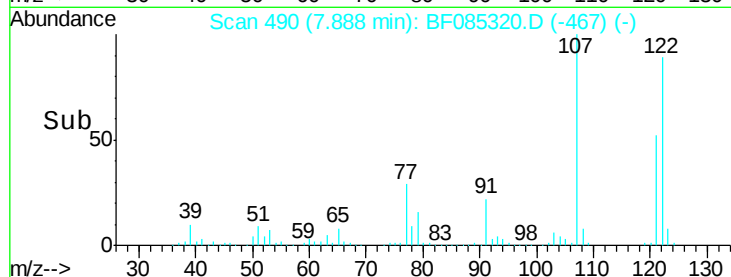
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	661097		
107	112.1	84.8	127.2	
121	58.3	47.0	70.6	

Manual Integrations
APPROVED

UMANGI
3/10/2016 3:04:49 PM

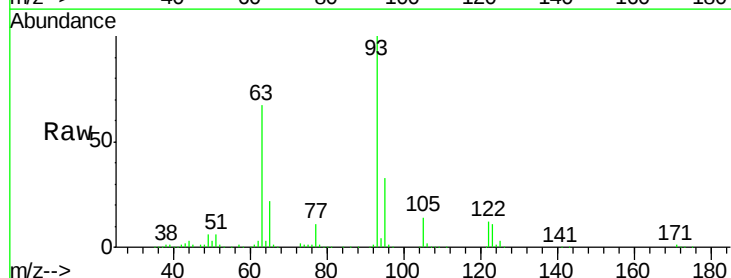


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

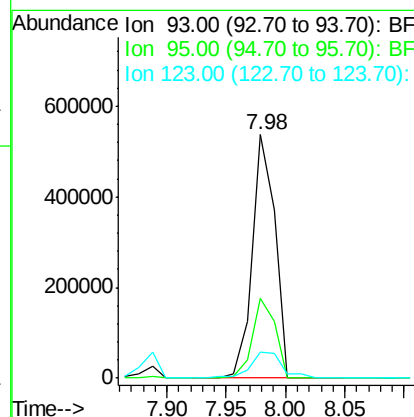
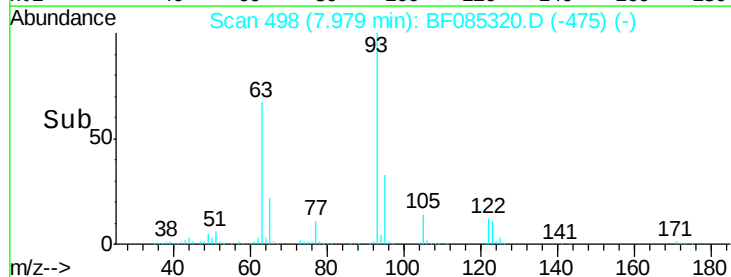


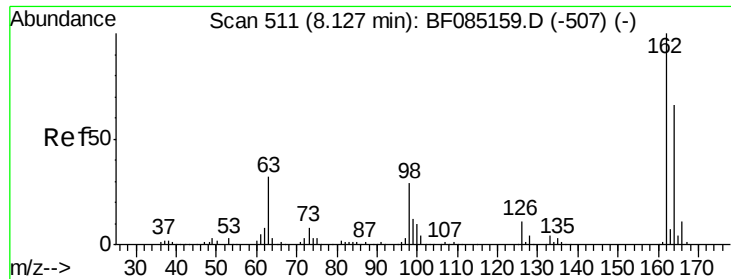
#28
bis(2-Chloroethoxy)methane
Concen: 39.06 ng
RT: 7.98 min Scan# 498
Delta R.T. -0.03 min
Lab File: BF085320.D
Acq: 10 Mar 2016 1:23

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	715722		
95	32.7	25.9	38.9	
123	10.9	8.8	13.2	



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





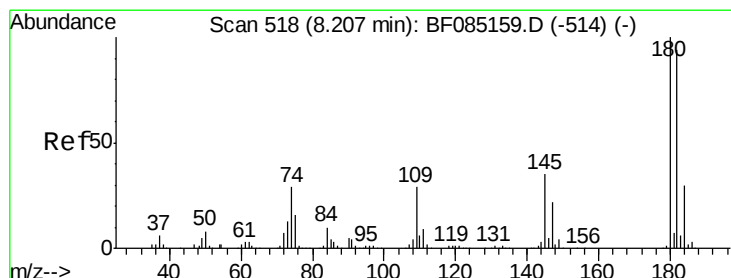
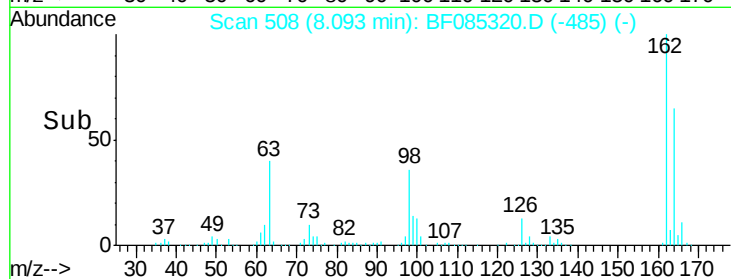
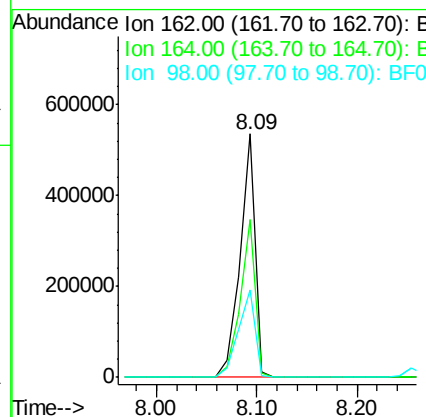
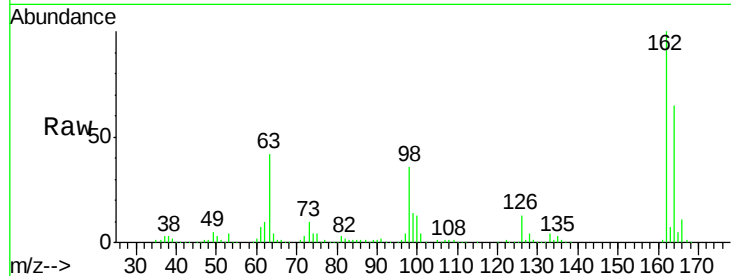
#29
2,4-Dichlorophenol
Concen: 43.03 ng
RT: 8.09 min Scan# 508
Delta R.T. -0.03 min
Lab File: BF085320.D
Acq: 10 Mar 2016 1:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.9	45.7	85.7
98	35.8	9.4	49.4

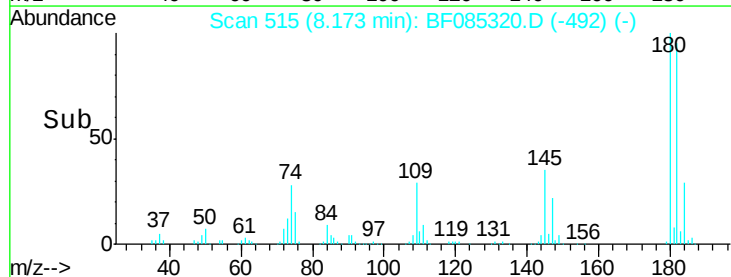
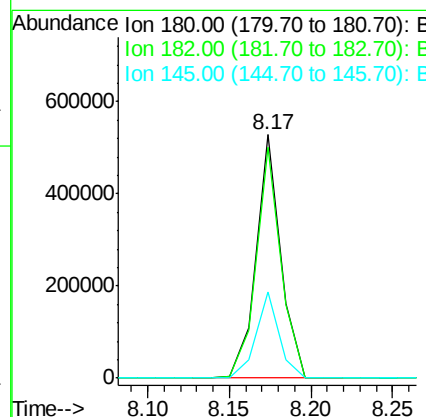
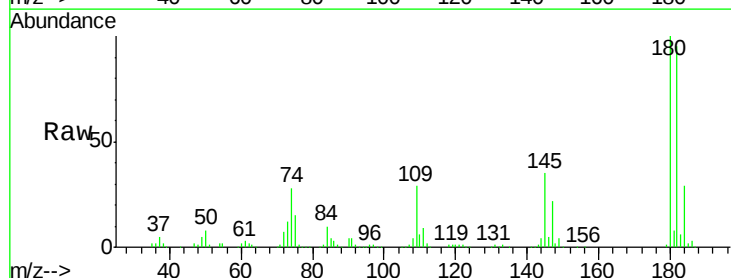
Manual Integrations
APPROVED

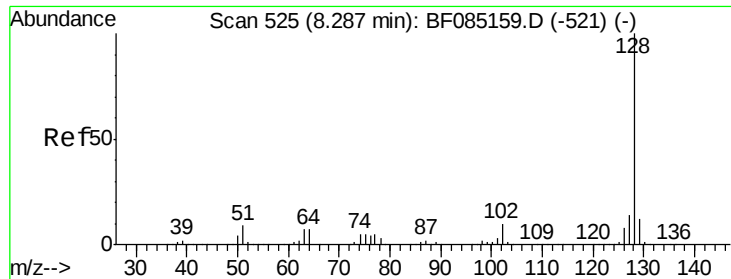
UMANGI
3/10/2016 3:04:49 PM



#30
1,2,4-Trichlorobenzene
Concen: 39.55 ng
RT: 8.17 min Scan# 515
Delta R.T. -0.03 min
Lab File: BF085320.D
Acq: 10 Mar 2016 1:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.7	74.9	112.3
145	35.3	27.9	41.9





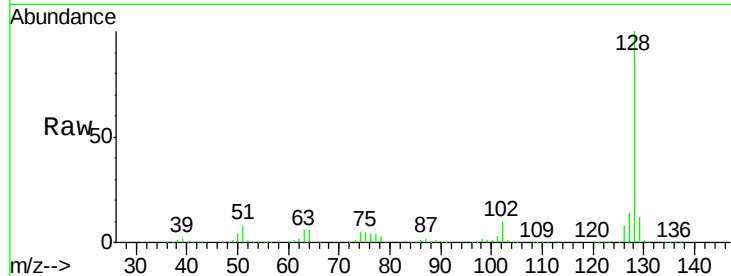
#31
Naphthalene
Concen: 38.69 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.03 min
Lab File: BF085320.D
Acq: 10 Mar 2016 1:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

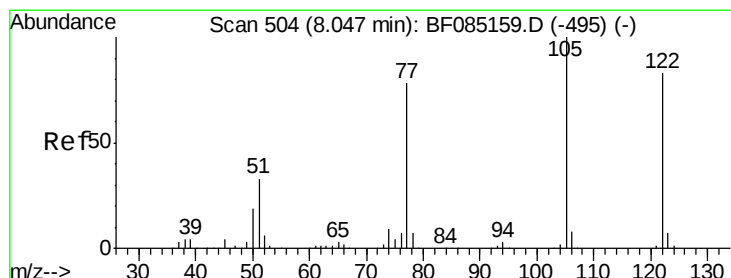
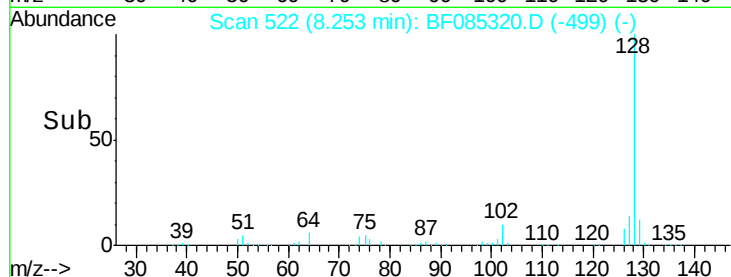
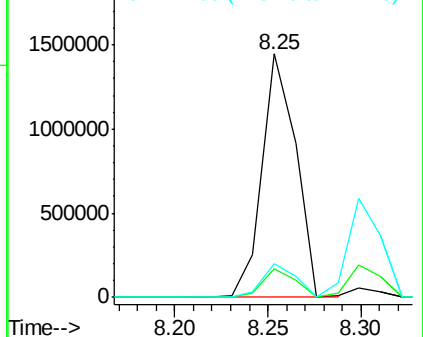
Tgt Ion:128 Resp: 1807307
Ion Ratio Lower Upper
128 100
129 11.9 9.7 14.5
127 13.8 11.2 16.8

Manual Integrations
APPROVED

UMANGI
3/10/2016 3:04:49 PM

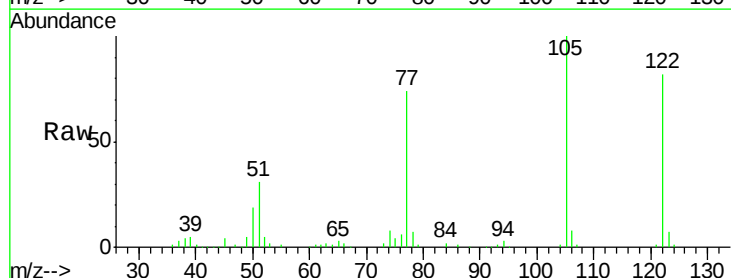


Abundance Ion 128.00 (127.70 to 128.70): E
2000000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

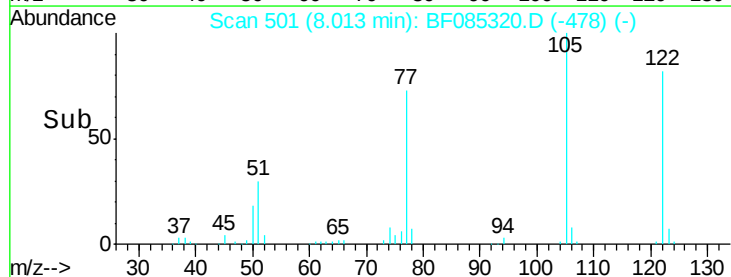
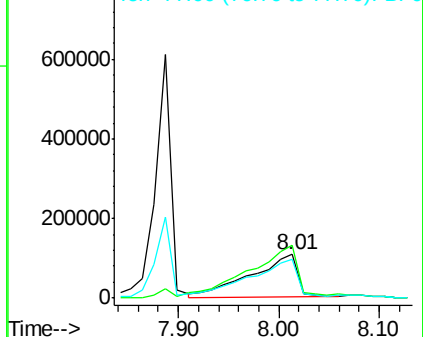


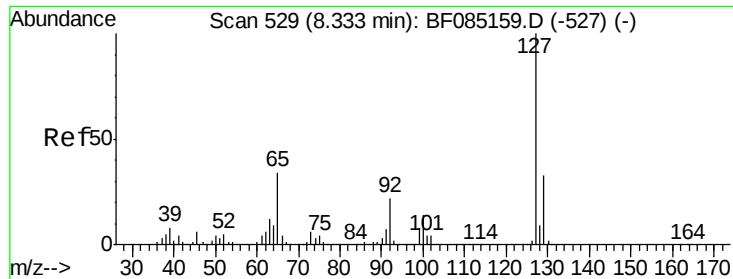
#32
Benzoic acid
Concen: 31.61 ng
RT: 8.01 min Scan# 501
Delta R.T. -0.03 min
Lab File: BF085320.D
Acq: 10 Mar 2016 1:23

Tgt Ion:122 Resp: 336779
Ion Ratio Lower Upper
122 100
105 122.0 101.3 141.3
77 90.0 74.7 114.7



Abundance Ion 122.00 (121.70 to 122.70): E
800000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





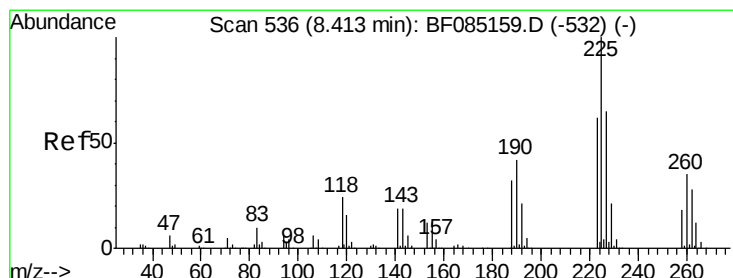
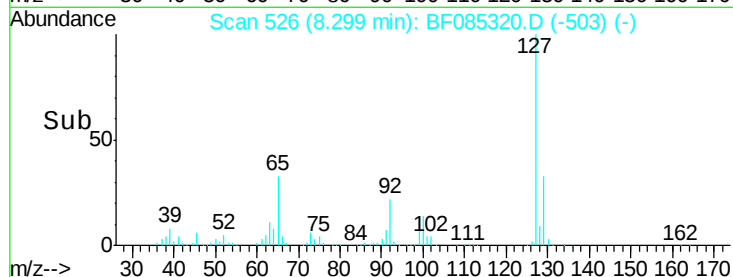
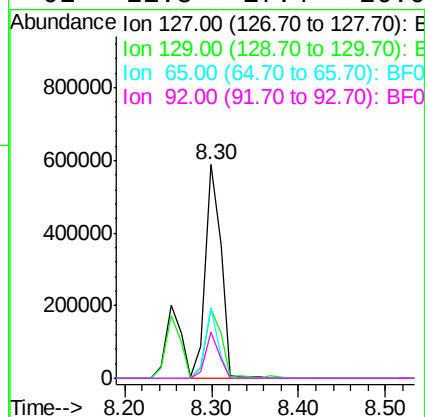
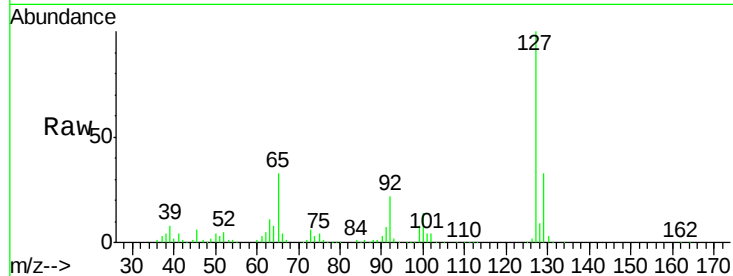
#33
4-Chloroaniline
Concen: 38.57 ng
RT: 8.30 min Scan# 526
Delta R.T. -0.03 min
Lab File: BF085320.D
Acq: 10 Mar 2016 1:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.5	26.1	39.1
65	33.1	27.0	40.6
92	21.8	17.4	26.0

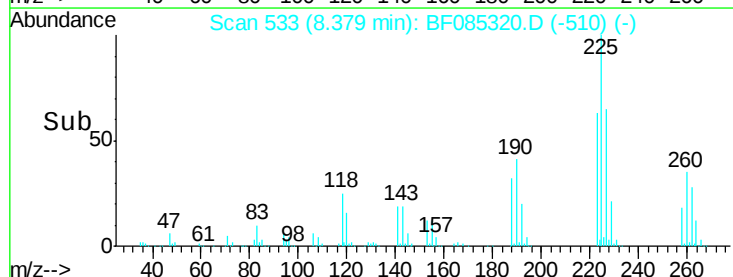
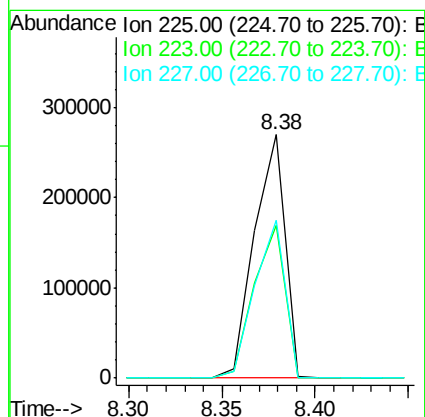
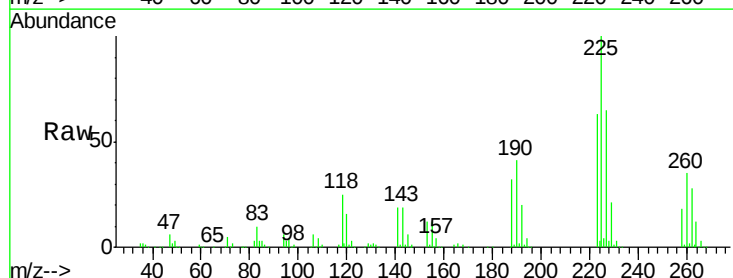
Manual Integrations
APPROVED

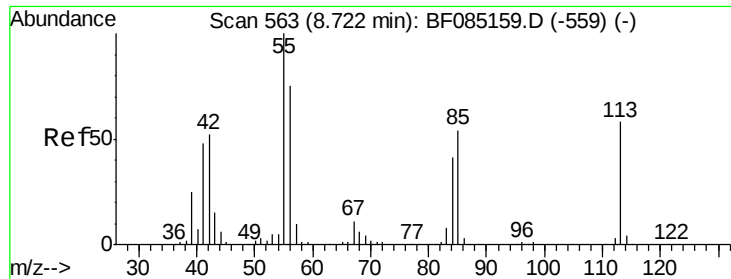
UMANGI
3/10/2016 3:04:49 PM



#34
Hexachlorobutadiene
Concen: 42.03 ng
RT: 8.38 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF085320.D
Acq: 10 Mar 2016 1:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	62.5	49.7	74.5
227	64.7	52.2	78.4





#35

Caprolactam

Concen: 43.58 ng

RT: 8.70 min Scan# 561

Delta R.T. -0.02 min

Lab File: BF085320.D

Acq: 10 Mar 2016 1:23

Instrument :

BNA_F

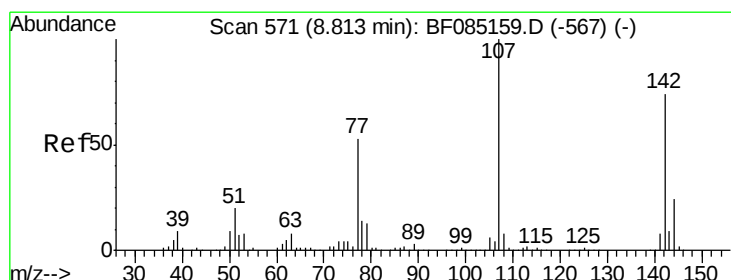
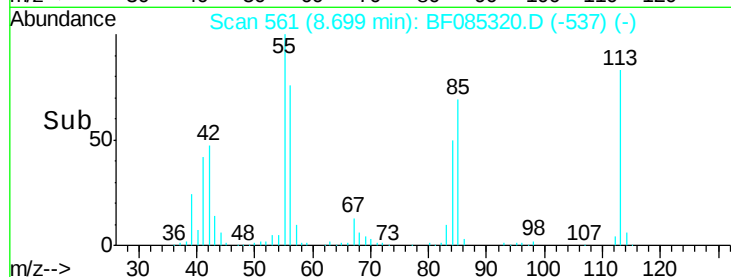
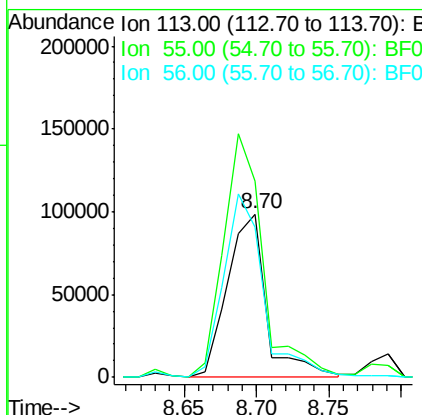
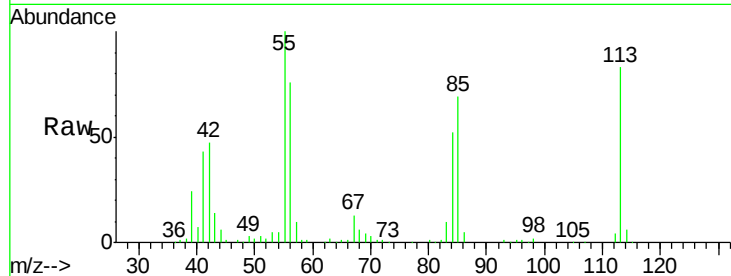
ClientSampleId :

SSTDCCC040

Tgt Ion:	113	Resp:	184103
Ion Ratio	Lower	Upper	
113	100		
55	120.7	152.7	192.7#
56	92.3	109.0	149.0#

Manual Integrations
APPROVED

UMANGI
3/10/2016 3:04:49 PM



#36

4-Chloro-3-methylphenol

Concen: 42.39 ng

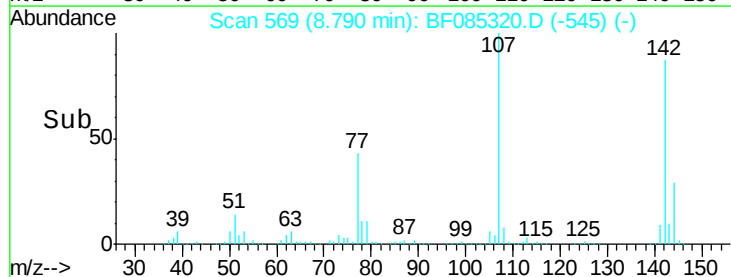
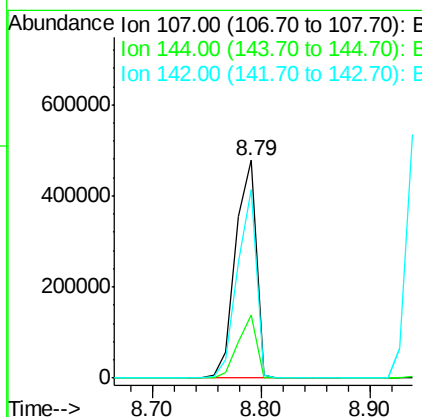
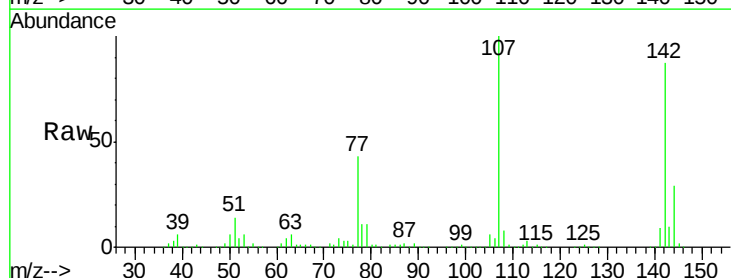
RT: 8.79 min Scan# 569

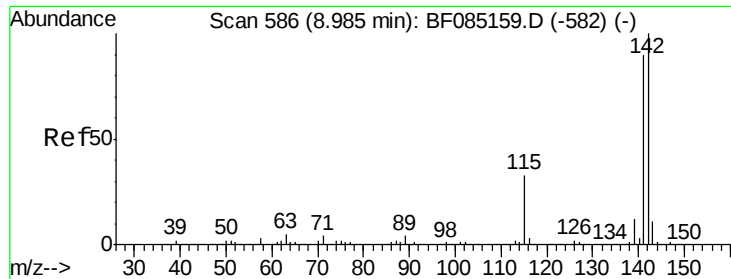
Delta R.T. -0.02 min

Lab File: BF085320.D

Acq: 10 Mar 2016 1:23

Tgt Ion:	107	Resp:	622161
Ion Ratio	Lower	Upper	
107	100		
144	28.8	19.4	29.2
142	86.7	59.4	89.2





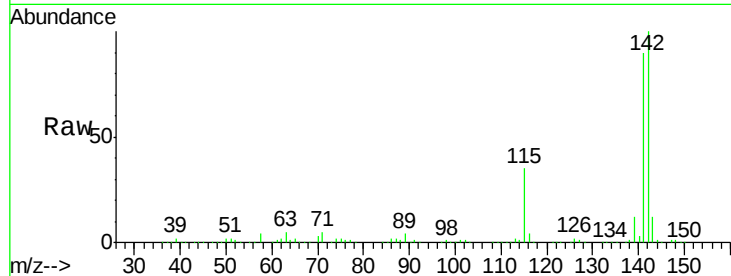
#37
2-Methylnaphthalene
Concen: 40.11 ng
RT: 8.95 min Scan# 583
Delta R.T. -0.03 min
Lab File: BF085320.D
Acq: 10 Mar 2016 1:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

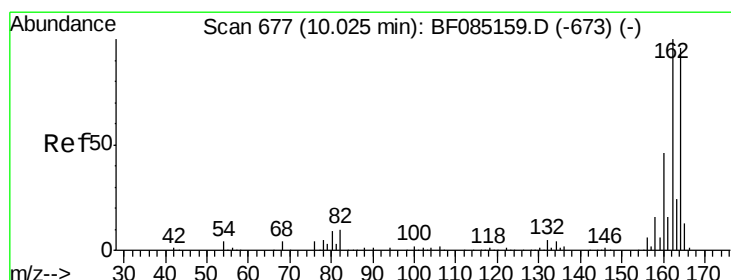
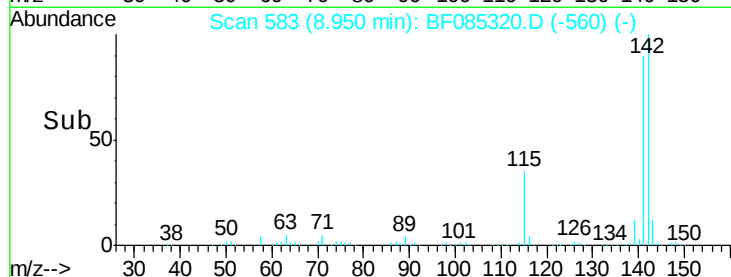
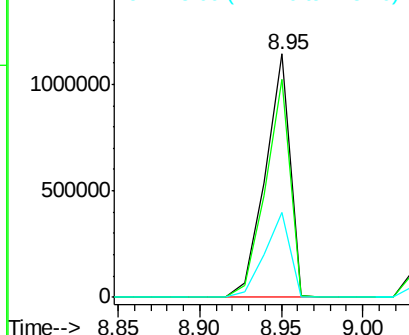
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.7	107.5
115	34.6	26.2	39.4

Manual Integrations
APPROVED

UMANGI
3/10/2016 3:04:49 PM

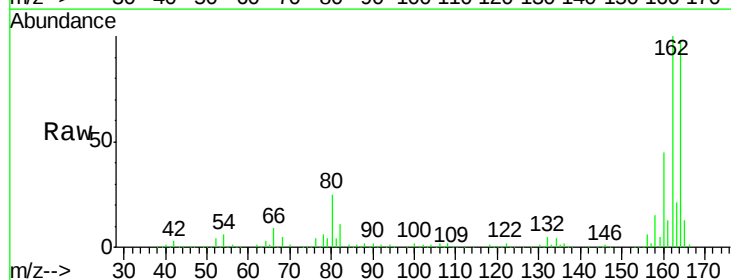


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

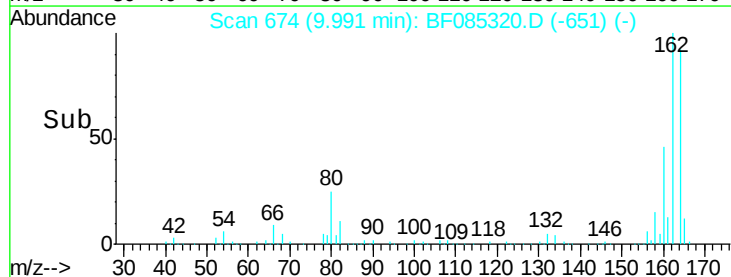
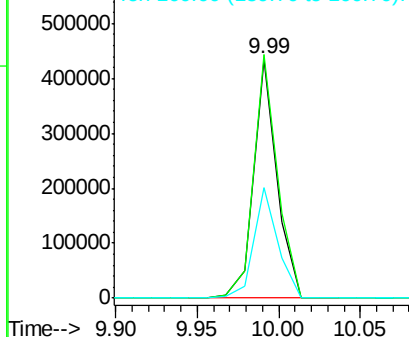


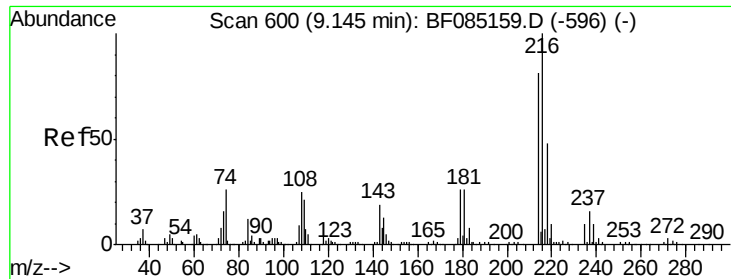
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 674
Delta R.T. -0.03 min
Lab File: BF085320.D
Acq: 10 Mar 2016 1:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	83.3	124.9
160	46.3	37.9	56.9



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: 41.77 ng

RT: 9.11 min Scan# 597

Delta R.T. -0.03 min

Lab File: BF085320.D

Acq: 10 Mar 2016 1:23

Instrument :

BNA_F

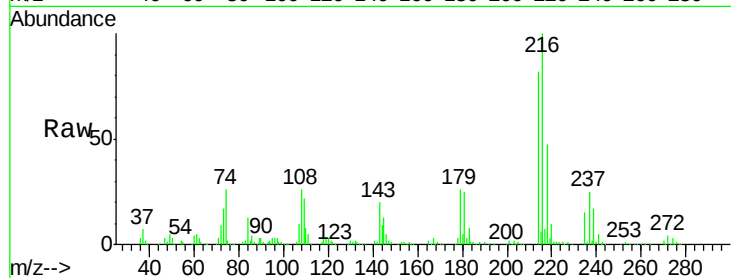
ClientSampleId :

SSTDCCC040

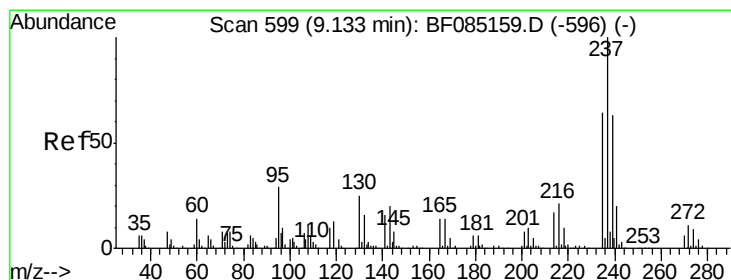
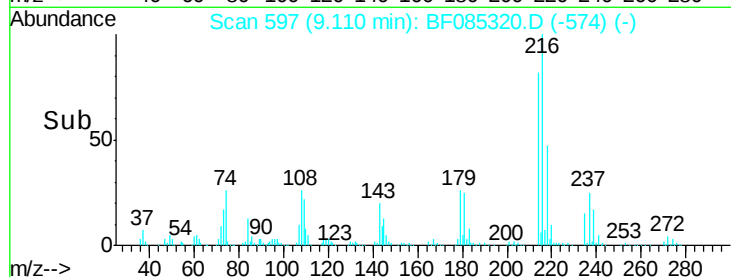
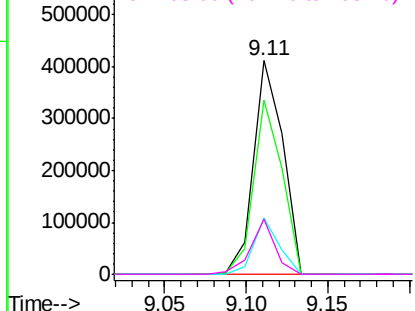
Tgt Ion:	216	Resp:	514385
Ion Ratio		Lower	Upper
216	100		
214	79.3	63.8	95.6
179	22.9	19.6	29.4
108	21.2	19.6	29.4

Manual Integrations
APPROVED

UMANGI
3/10/2016 3:04:49 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: 40.19 ng

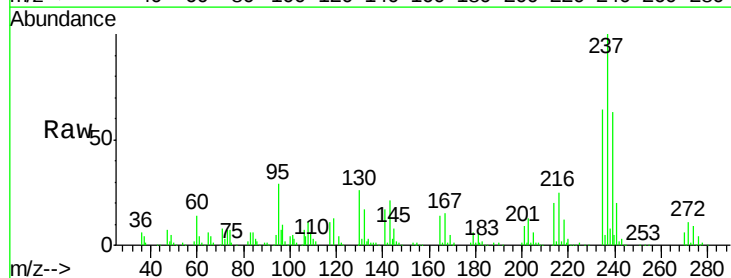
RT: 9.10 min Scan# 596

Delta R.T. -0.03 min

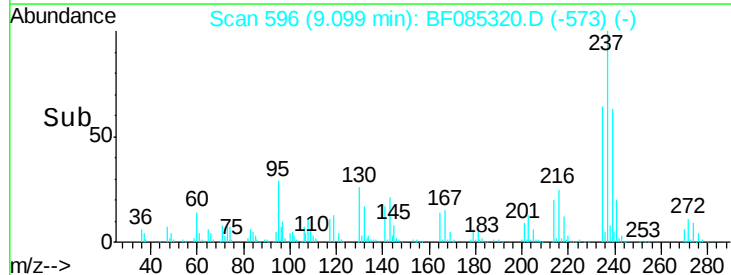
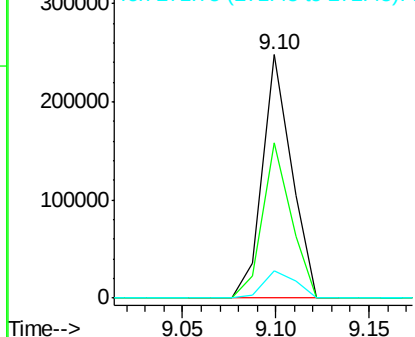
Lab File: BF085320.D

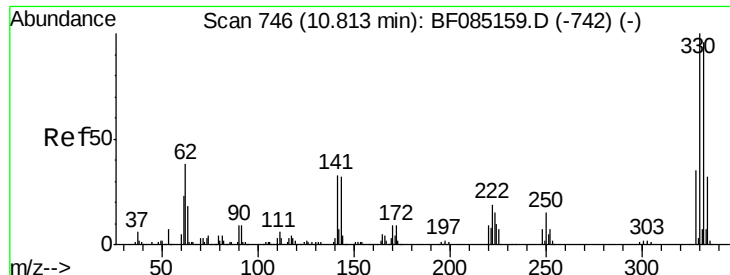
Acq: 10 Mar 2016 1:23

Tgt Ion:	237	Resp:	266940
Ion Ratio		Lower	Upper
237	100		
235	63.9	43.7	83.7
272	11.3	0.0	31.5



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





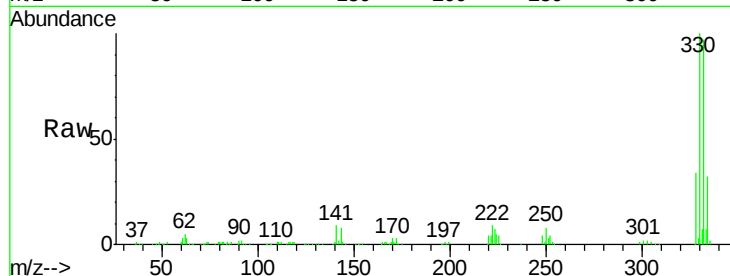
#41
 2,4,6-Tribromophenol
 Concen: 90.65 ng
 RT: 10.79 min Scan# 744
 Delta R.T. -0.02 min
 Lab File: BF085320.D
 Acq: 10 Mar 2016 1:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

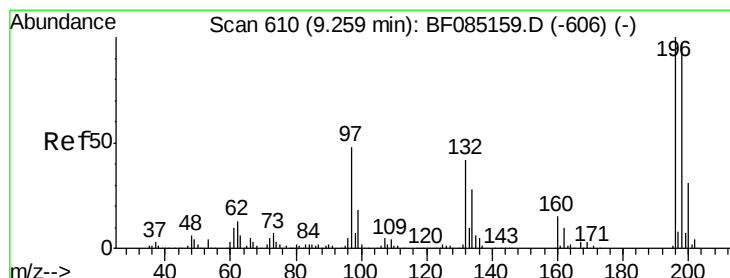
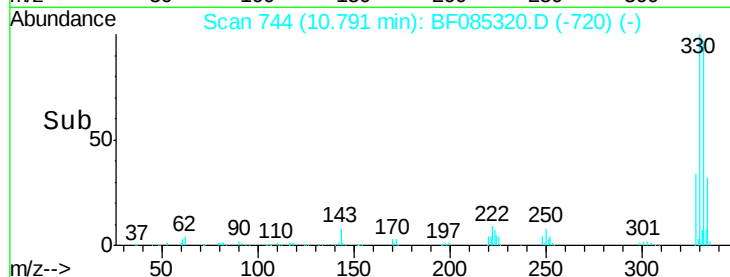
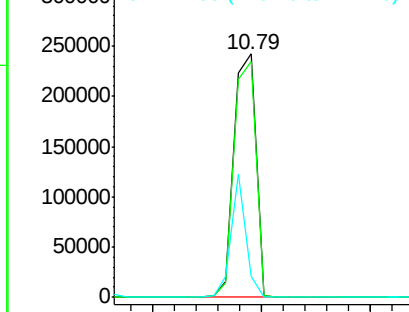
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	334008		
332	96.9	77.1	115.7	
141	34.6	35.0	52.6#	

Manual Integrations
 APPROVED

UMANGI
 3/10/2016 3:04:49 PM



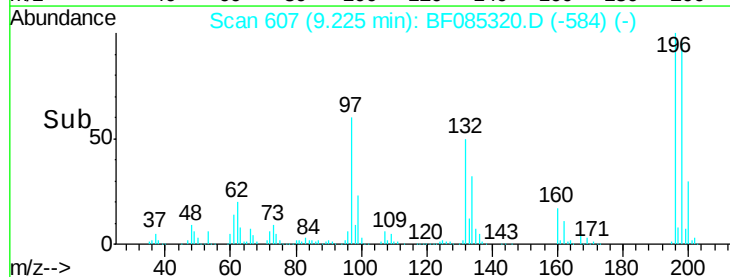
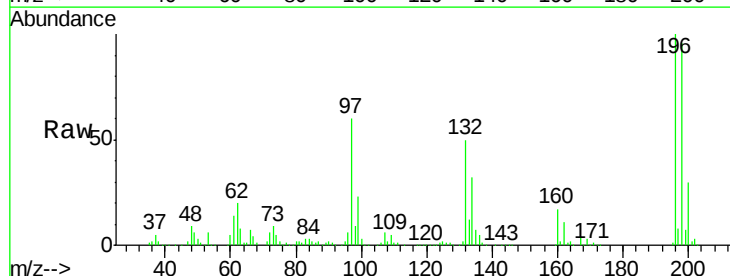
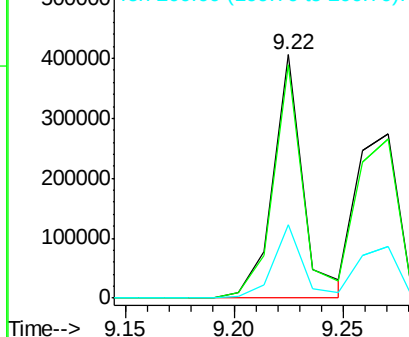
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

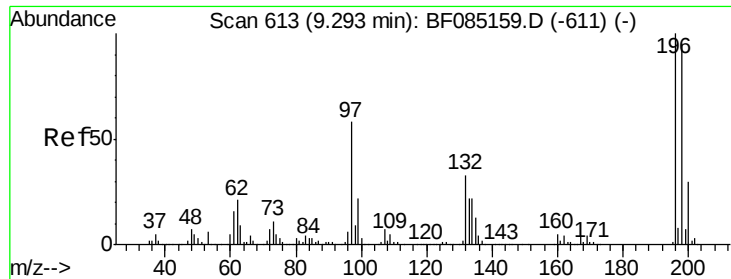


#42
 2,4,6-Trichlorophenol
 Concen: 42.78 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF085320.D
 Acq: 10 Mar 2016 1:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	392169		
198	95.7	77.8	116.6	
200	30.0	25.0	37.6	

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





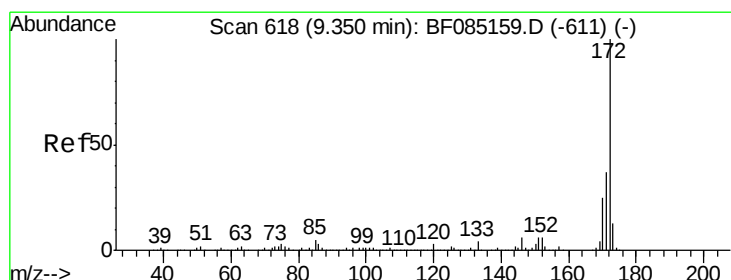
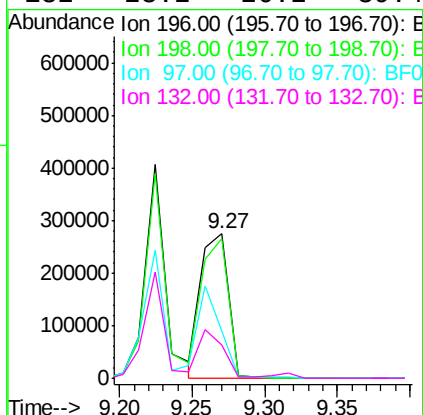
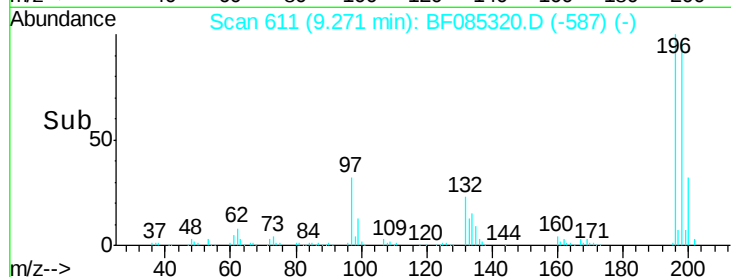
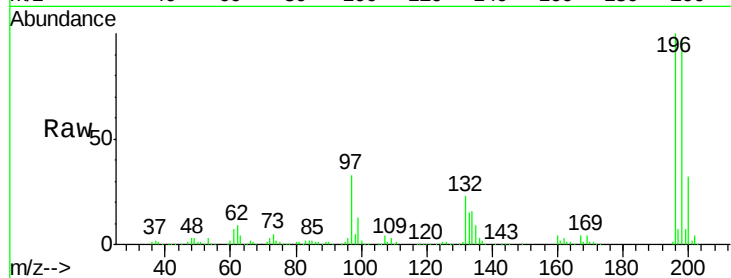
#43
 2,4,5-Trichlorophenol
 Concen: 41.84 ng
 RT: 9.27 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF085320.D
 Acq: 10 Mar 2016 1:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	363611		
198	96.6	75.7	113.5	
97	32.7	46.4	69.6	
132	23.2	26.2	39.4	

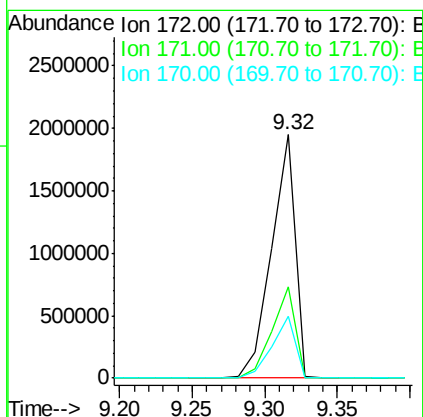
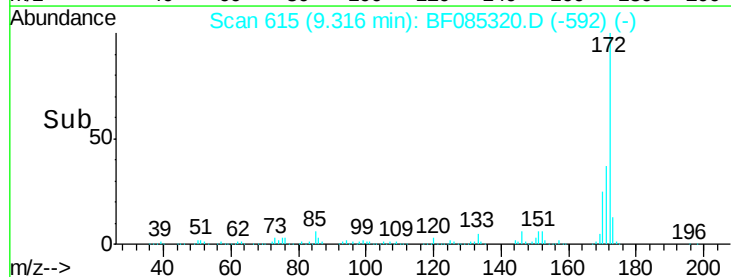
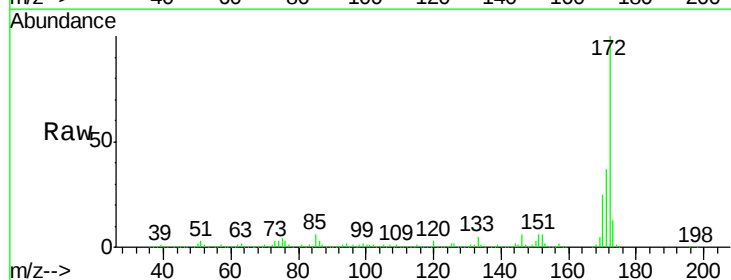
Manual Integrations
 APPROVED

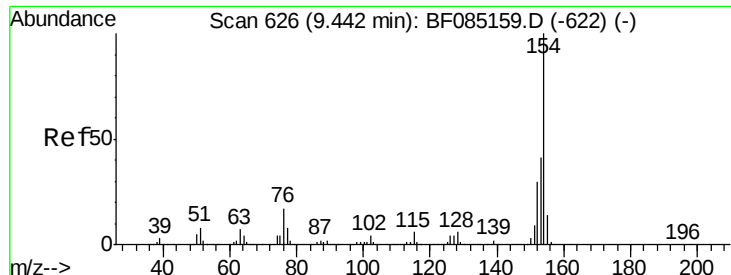
UMANGI
 3/10/2016 3:04:49 PM



#44
 2-Fluorobiphenyl
 Concen: 78.22 ng
 RT: 9.32 min Scan# 615
 Delta R.T. -0.03 min
 Lab File: BF085320.D
 Acq: 10 Mar 2016 1:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2214763		
171	37.4	29.3	43.9	
170	25.3	20.0	30.0	





#45

1,1'-Biphenyl

Concen: 41.38 ng

RT: 9.42 min Scan# 624

Delta R.T. -0.02 min

Lab File: BF085320.D

Acq: 10 Mar 2016 1:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:154 Resp: 1522300

Ion Ratio Lower Upper

154 100

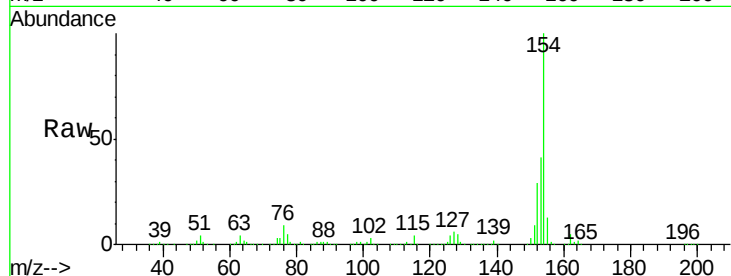
153 41.1 21.4 61.4

76 9.5 0.0 37.5

Manual Integrations
APPROVED

UMANGI

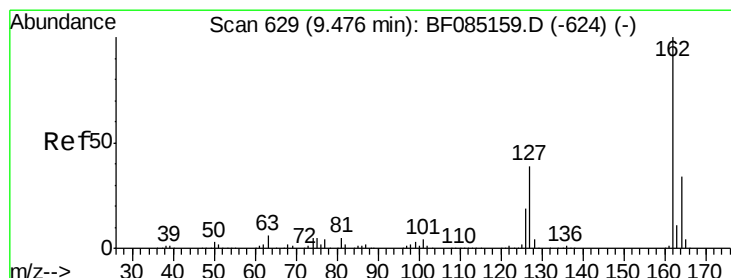
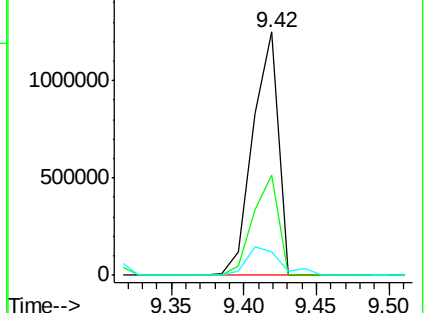
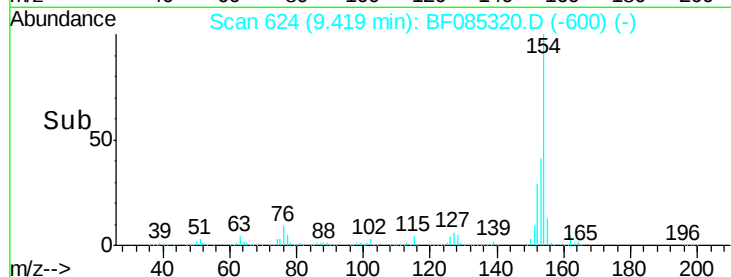
3/10/2016 3:04:49 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.20 ng

RT: 9.44 min Scan# 626

Delta R.T. -0.03 min

Lab File: BF085320.D

Acq: 10 Mar 2016 1:23

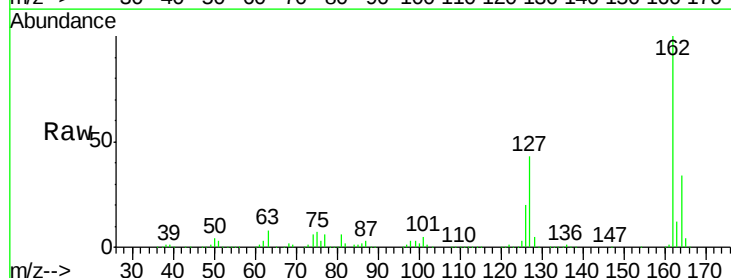
Tgt Ion:162 Resp: 1155411

Ion Ratio Lower Upper

162 100

127 43.5 31.6 47.4

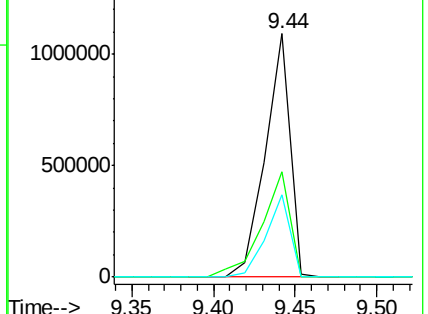
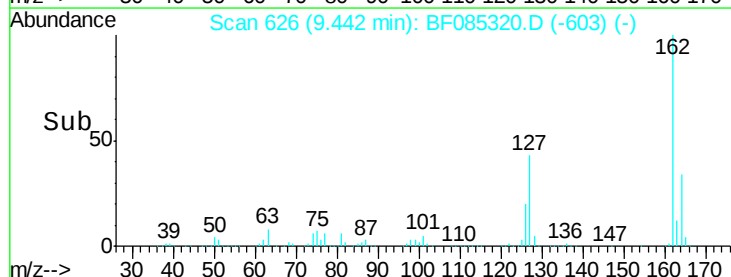
164 34.0 27.1 40.7

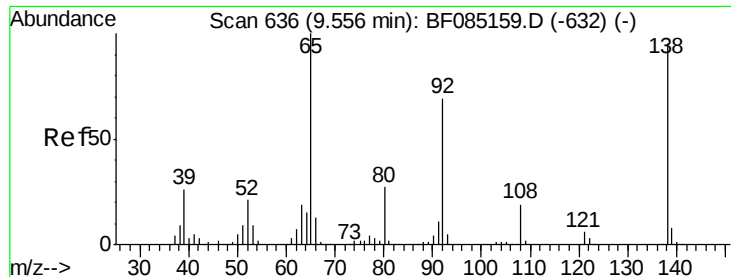


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





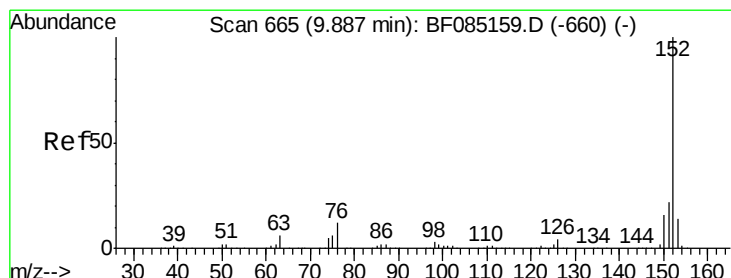
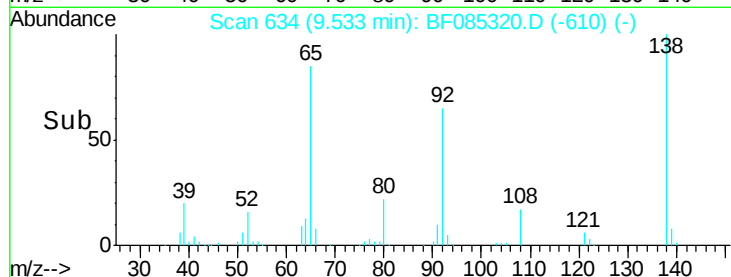
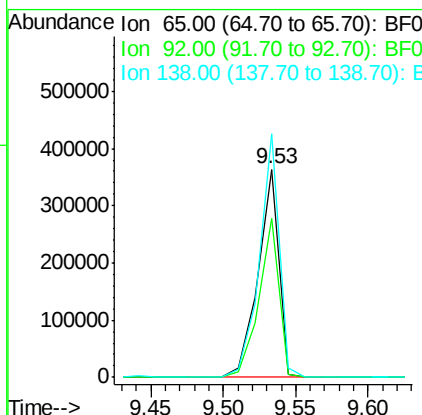
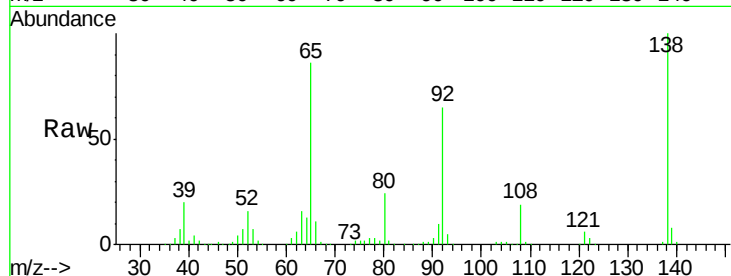
#47
2-Nitroaniline
Concen: 41.47 ng
RT: 9.53 min Scan# 634
Delta R.T. -0.02 min
Lab File: BF085320.D
Acq: 10 Mar 2016 1:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 65 Resp: 360372
Ion Ratio Lower Upper
65 100
92 76.2 55.4 83.2
138 116.9 75.7 113.5#

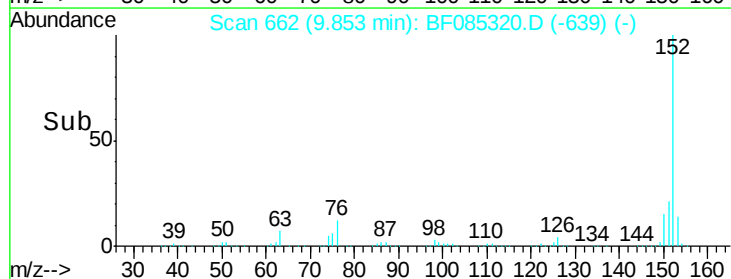
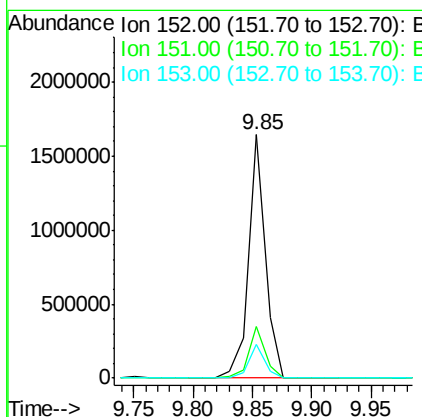
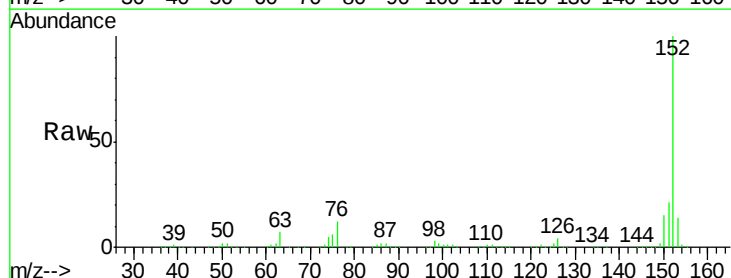
Manual Integrations
APPROVED

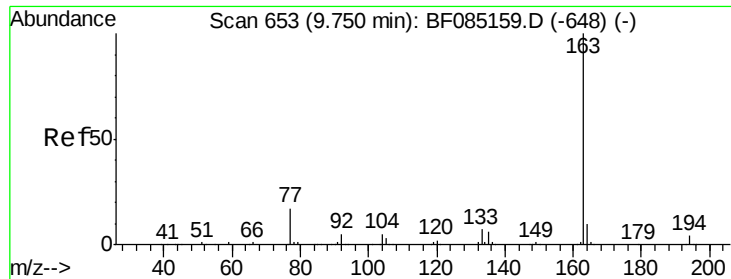
UMANGI
3/10/2016 3:04:49 PM



#48
Acenaphthylene
Concen: 37.32 ng
RT: 9.85 min Scan# 662
Delta R.T. -0.03 min
Lab File: BF085320.D
Acq: 10 Mar 2016 1:23

Tgt Ion: 152 Resp: 1628830
Ion Ratio Lower Upper
152 100
151 21.4 17.5 26.3
153 14.0 11.3 16.9





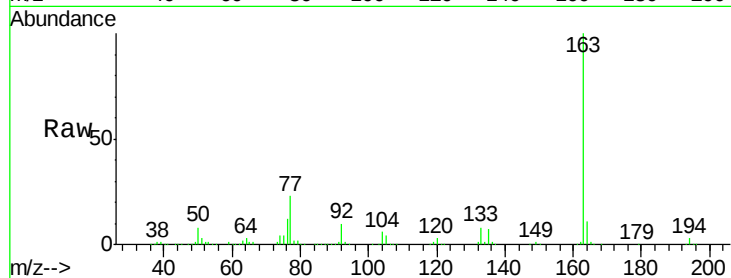
#49
Dimethylphthalate
Concen: 37.01 ng
RT: 9.72 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF085320.D
Acq: 10 Mar 2016 1:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

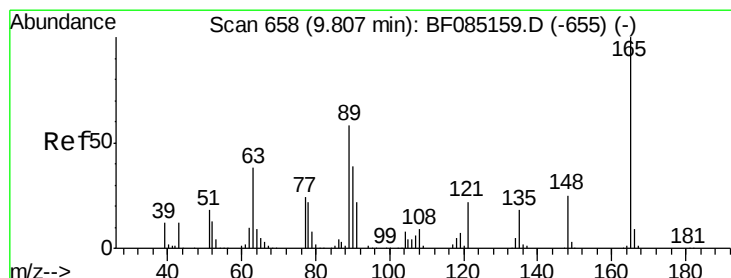
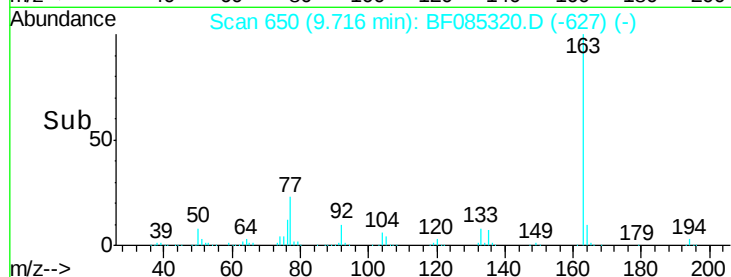
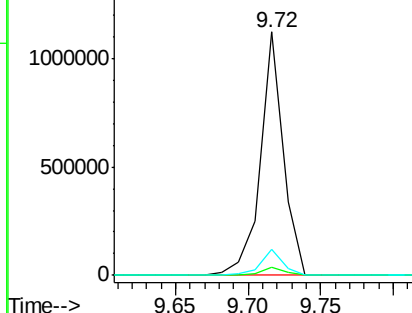
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.1	4.7
164	10.8	8.2	12.4

Manual Integrations
APPROVED

UMANGI
3/10/2016 3:04:49 PM



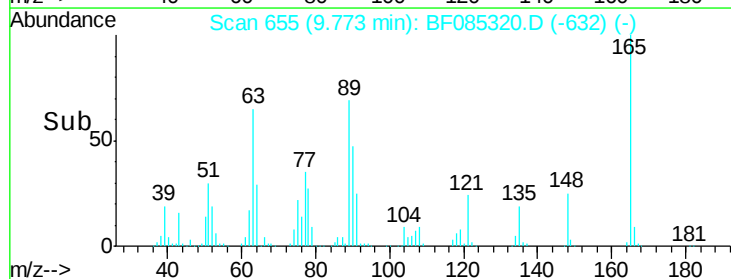
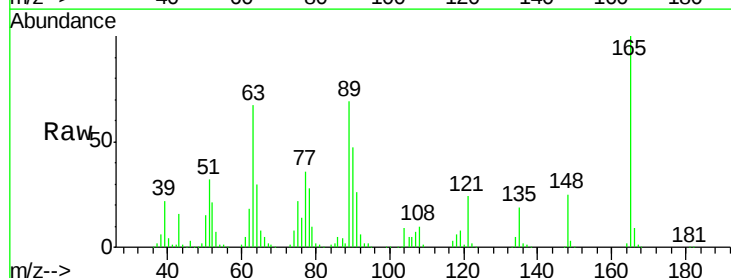
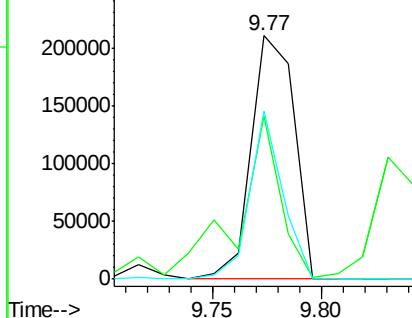
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

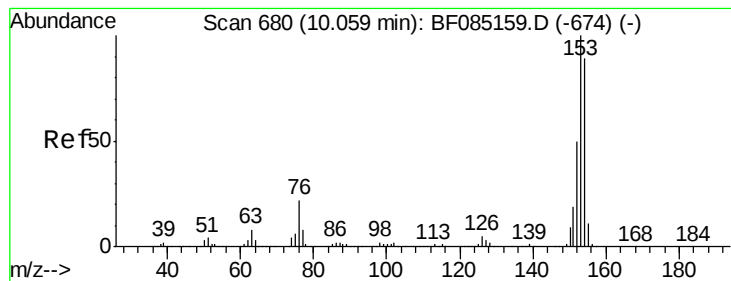


#50
2,6-Dinitrotoluene
Concen: 41.13 ng
RT: 9.77 min Scan# 655
Delta R.T. -0.03 min
Lab File: BF085320.D
Acq: 10 Mar 2016 1:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	66.9	41.8	62.8#
89	69.1	46.7	70.1

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: 38.10 ng

RT: 10.02 min Scan# 677

Delta R.T. -0.03 min

Lab File: BF085320.D

Acq: 10 Mar 2016 1:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:154 Resp: 1009557

Ion Ratio Lower Upper

154 100

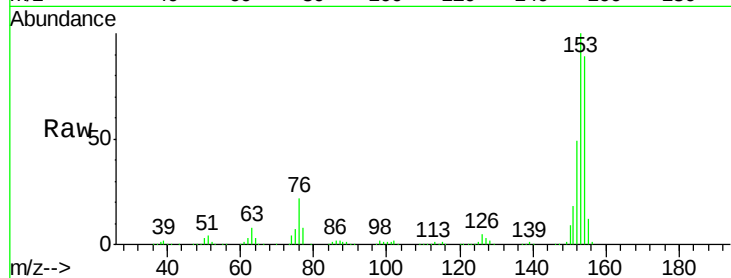
153 112.9 89.8 134.8

152 55.5 44.6 66.8

Manual Integrations
APPROVED

UMANGI

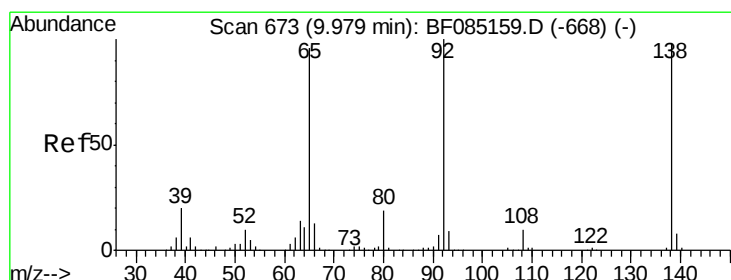
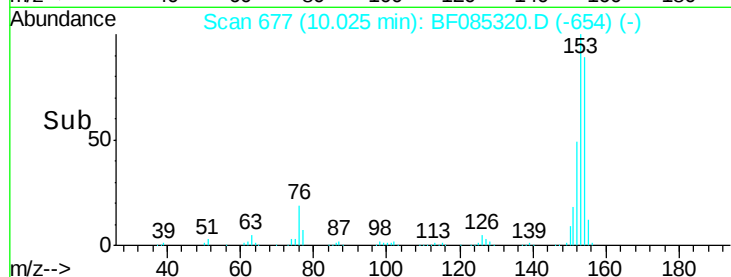
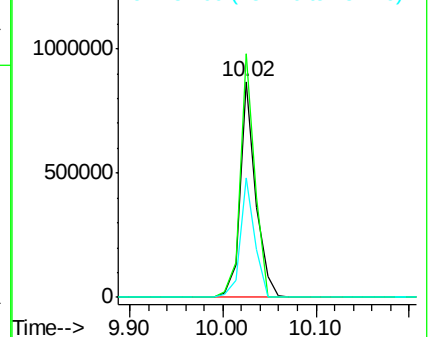
3/10/2016 3:04:49 PM



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: 36.16 ng

RT: 9.94 min Scan# 670

Delta R.T. -0.03 min

Lab File: BF085320.D

Acq: 10 Mar 2016 1:23

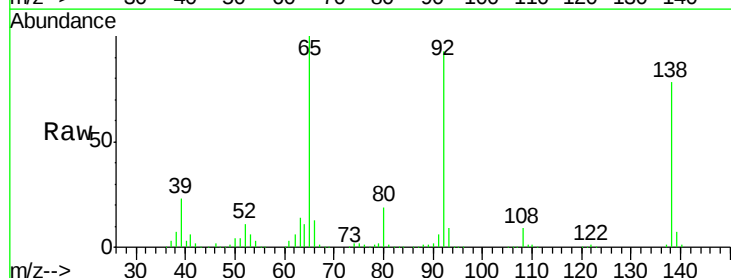
Tgt Ion:138 Resp: 305852

Ion Ratio Lower Upper

138 100

108 11.0 7.8 11.6

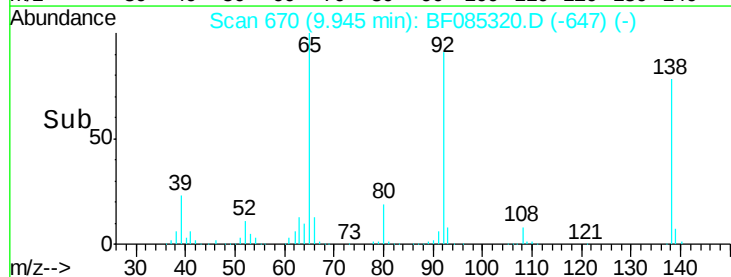
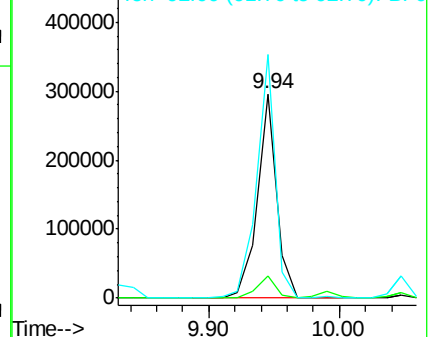
92 119.1 81.3 121.9

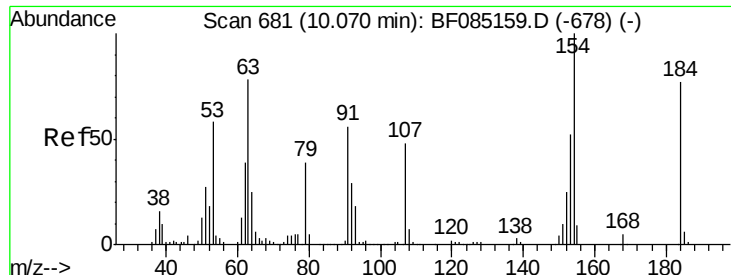


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





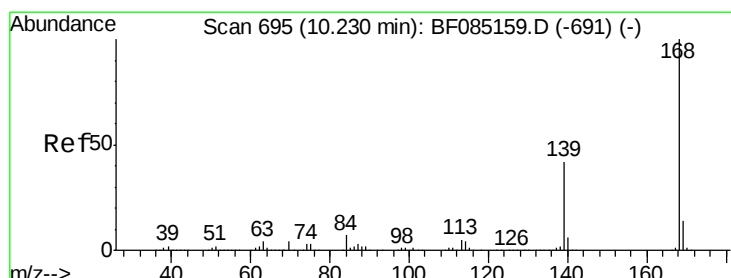
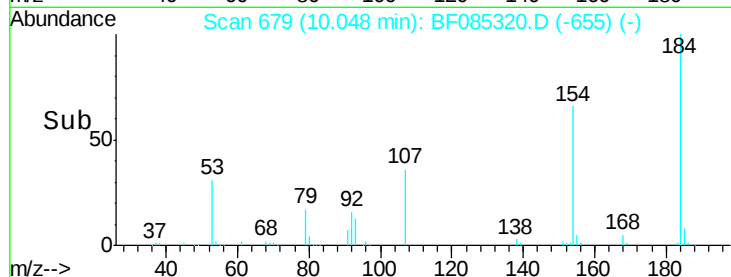
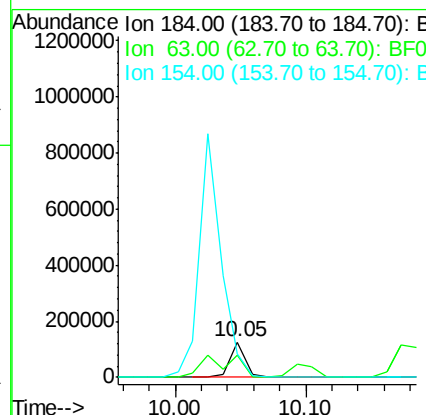
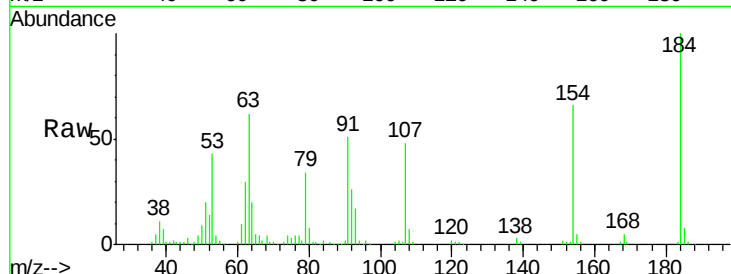
#53
2,4-Dinitrophenol
Concen: 33.67 ng
RT: 10.05 min Scan# 679
Delta R.T. -0.02 min
Lab File: BF085320.D
Acq: 10 Mar 2016 1:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	102260		
63	62.0	82.2	123.4#	
154	65.9	108.9	163.3#	

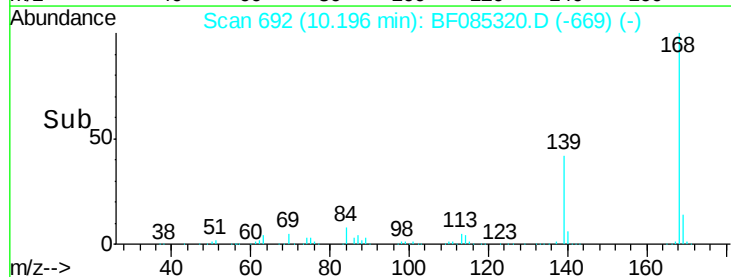
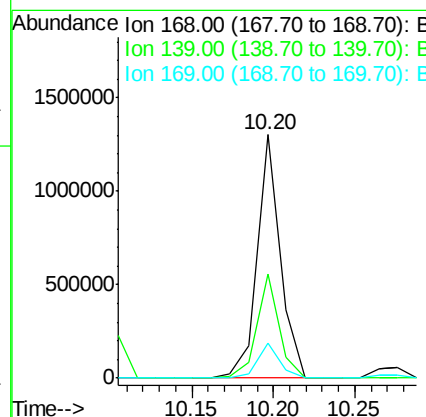
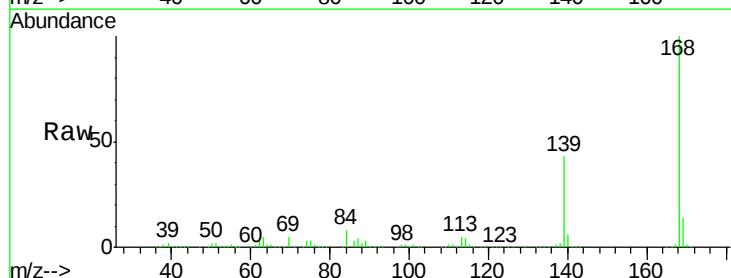
Manual Integrations
APPROVED

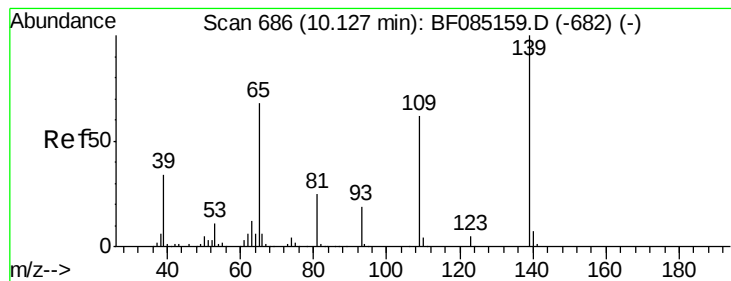
UMANGI
3/10/2016 3:04:49 PM



#54
Dibenzofuran
Concen: 36.85 ng
RT: 10.20 min Scan# 692
Delta R.T. -0.03 min
Lab File: BF085320.D
Acq: 10 Mar 2016 1:23

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1279470		
139	42.5	33.6	50.4	
169	14.1	11.2	16.8	





#55

4-Nitrophenol

Concen: 40.14 ng

RT: 10.10 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF085320.D

Acq: 10 Mar 2016 1:23

Instrument :

BNA_F

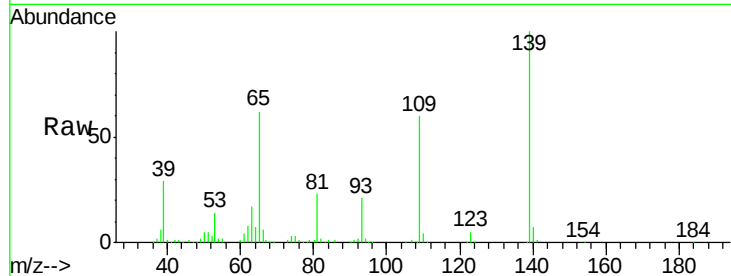
ClientSampleId :

SSTDCCC040

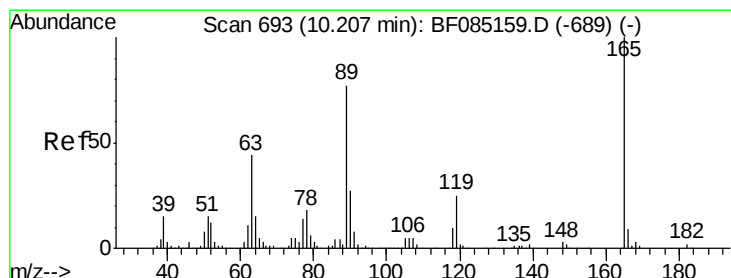
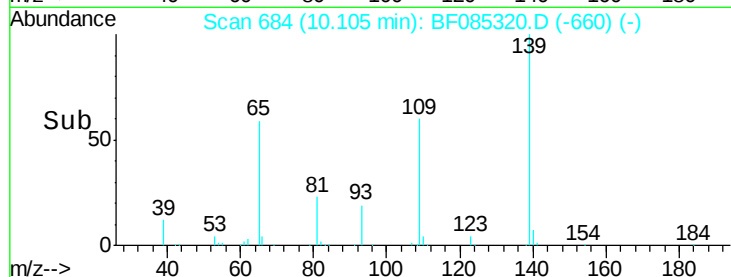
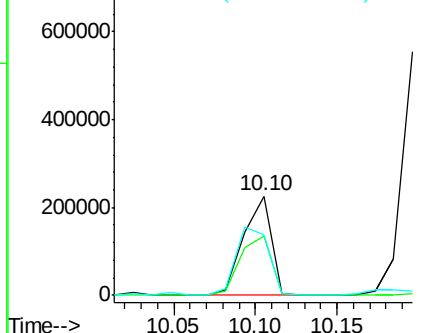
Tgt Ion:	139	Resp:	266812
Ion Ratio	Lower	Upper	
139	100		
109	60.3	41.9	81.9
65	61.6	48.3	88.3

Manual Integrations
APPROVED

UMANGI
3/10/2016 3:04:49 PM



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



#56

2,4-Dinitrotoluene

Concen: 46.71 ng

RT: 10.18 min Scan# 691

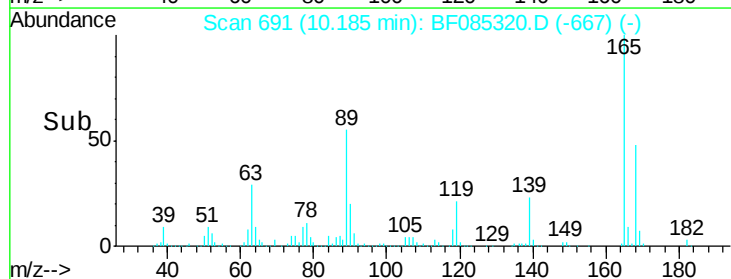
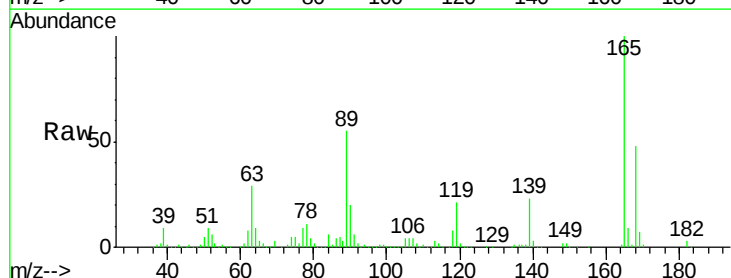
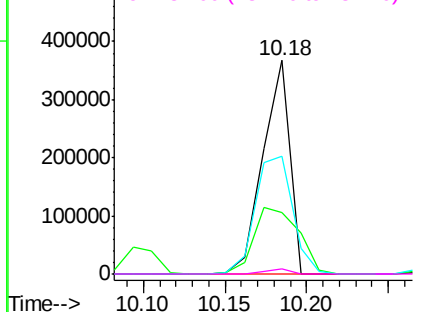
Delta R.T. -0.02 min

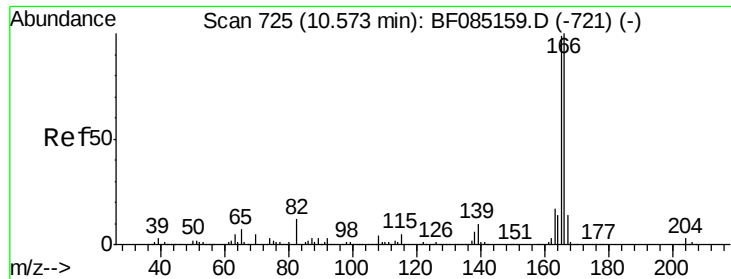
Lab File: BF085320.D

Acq: 10 Mar 2016 1:23

Tgt Ion:	165	Resp:	422637
Ion Ratio	Lower	Upper	
165	100		
63	29.0	35.4	53.0#
89	55.1	61.9	92.9#
182	2.6	1.9	2.9

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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.45 ng

RT: 10.54 min Scan# 722

Delta R.T. -0.03 min

Lab File: BF085320.D

Acq: 10 Mar 2016 1:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:166 Resp: 1048587

Ion Ratio Lower Upper

166 100

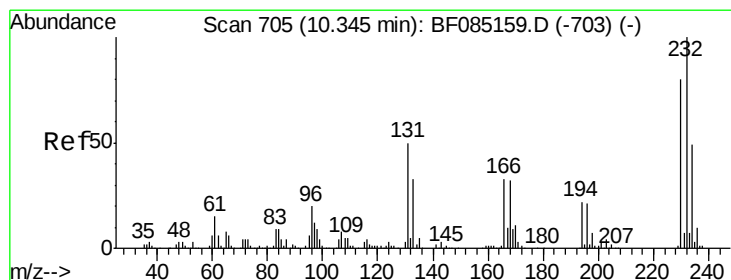
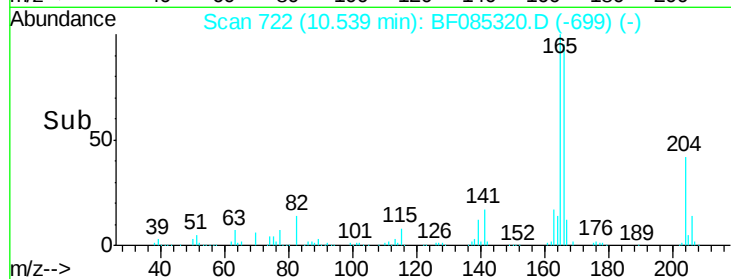
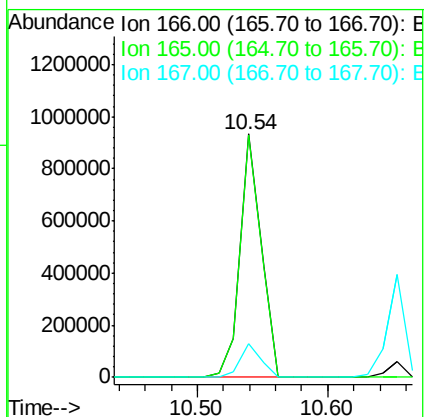
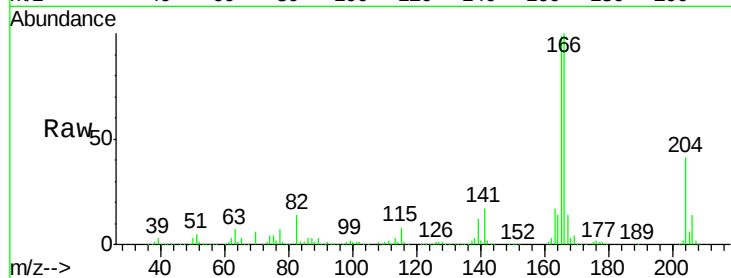
165 99.5 79.4 119.0

167 14.0 11.0 16.6

Manual Integrations
APPROVED

UMANGI

3/10/2016 3:04:49 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.37 ng

RT: 10.31 min Scan# 702

Delta R.T. -0.03 min

Lab File: BF085320.D

Acq: 10 Mar 2016 1:23

Tgt Ion:232 Resp: 246527

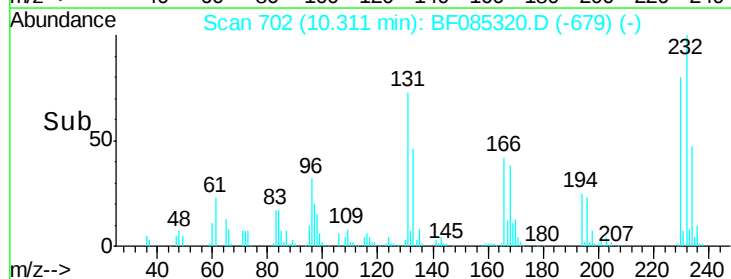
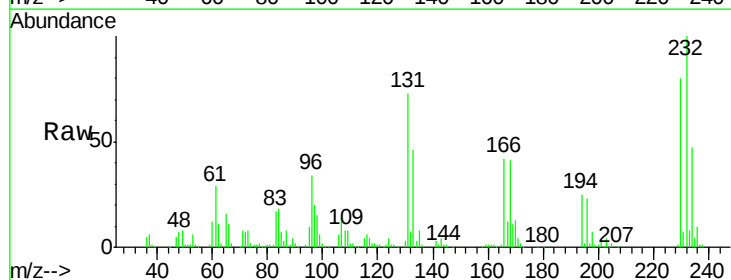
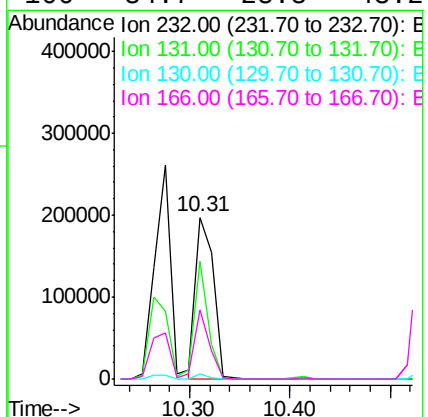
Ion Ratio Lower Upper

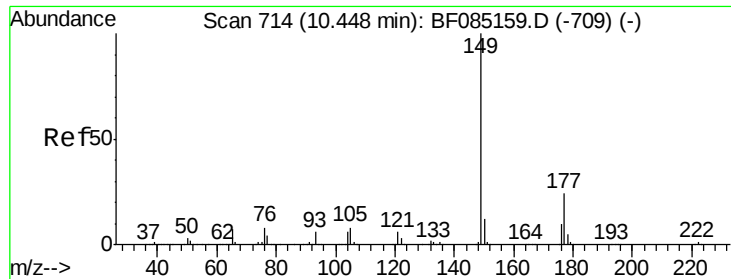
232 100

131 55.2 46.0 69.0

130 2.5 2.2 3.4

166 34.7 28.8 43.2





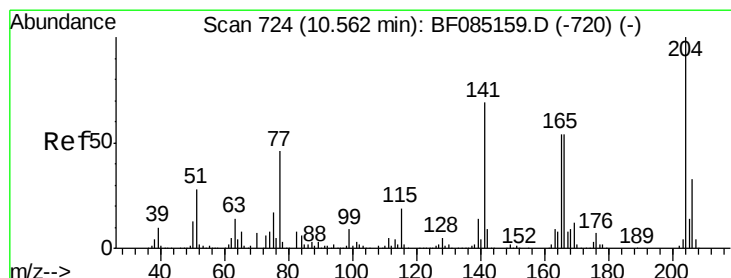
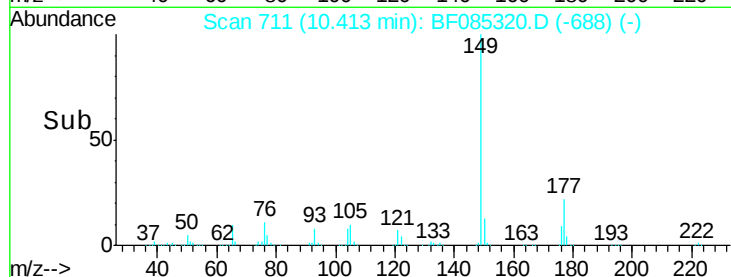
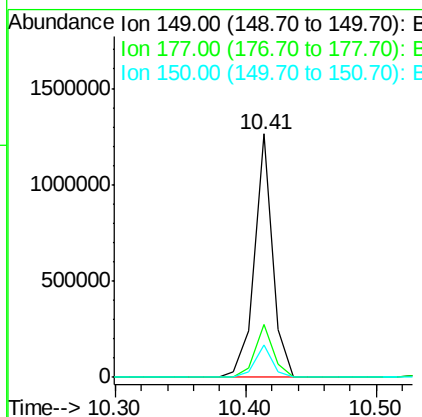
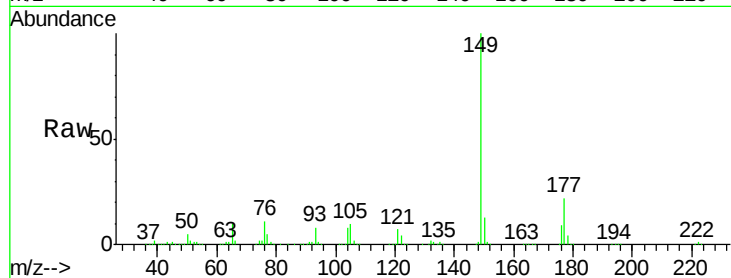
#59
Diethylphthalate
Concen: 38.26 ng
RT: 10.41 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF085320.D
Acq: 10 Mar 2016 1:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	19.2	28.8
150	13.2	9.9	14.9

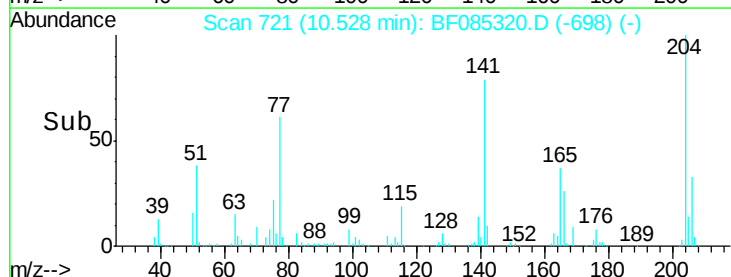
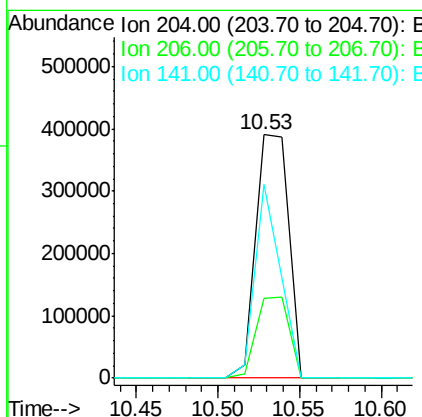
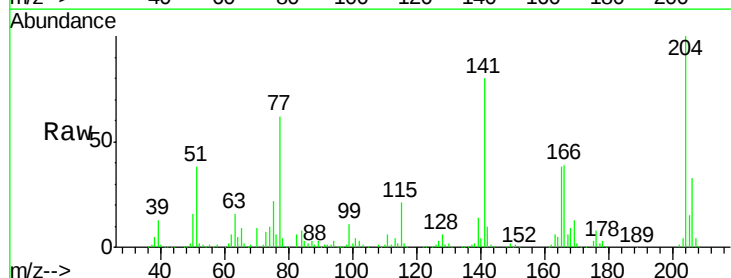
Manual Integrations
APPROVED

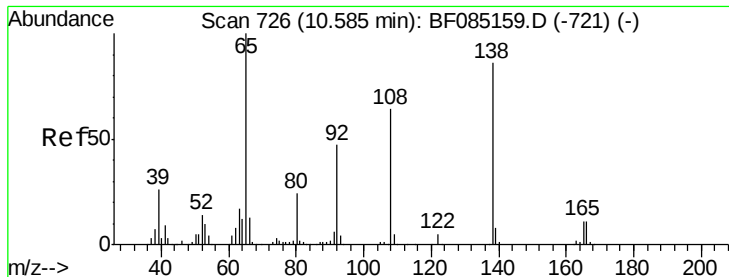
UMANGI
3/10/2016 3:04:49 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.36 ng
RT: 10.53 min Scan# 721
Delta R.T. -0.03 min
Lab File: BF085320.D
Acq: 10 Mar 2016 1:23

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.5	39.7
141	79.7	55.4	83.2





#61

4-Nitroaniline

Concen: 38.86 ng

RT: 10.56 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF085320.D

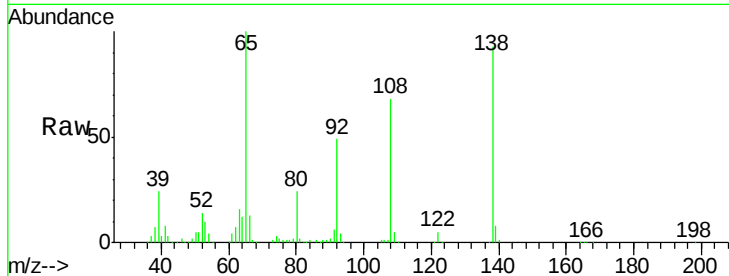
Acq: 10 Mar 2016 1:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:138 Resp: 307455

Ion Ratio Lower Upper

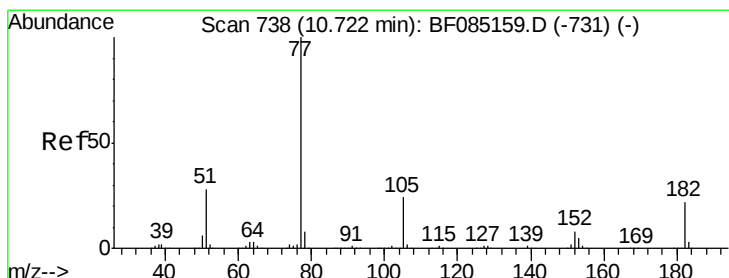
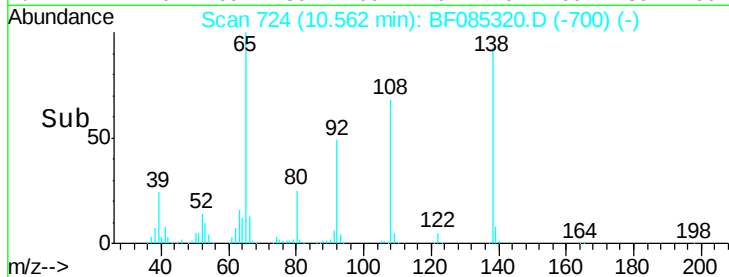
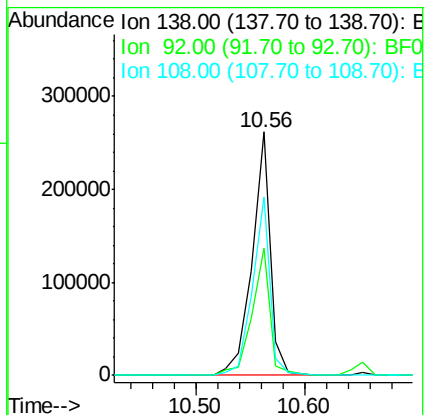
138 100

92 52.2 34.2 74.2

108 73.3 53.9 93.9

Manual Integrations
APPROVED

UMANGI
3/10/2016 3:04:49 PM



#62

Azobenzene

Concen: 40.70 ng

RT: 10.69 min Scan# 735

Delta R.T. -0.03 min

Lab File: BF085320.D

Acq: 10 Mar 2016 1:23

Tgt Ion: 77 Resp: 1285852

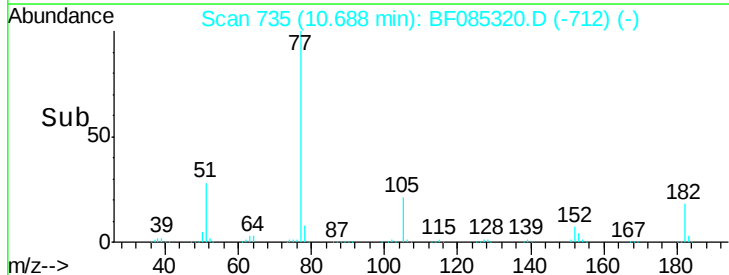
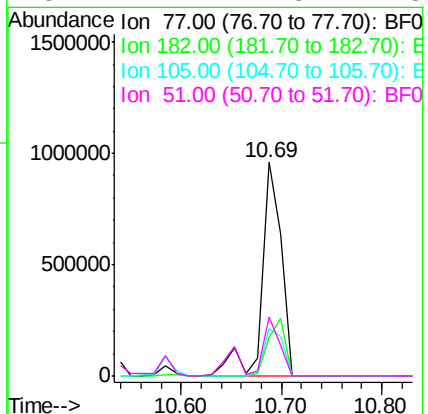
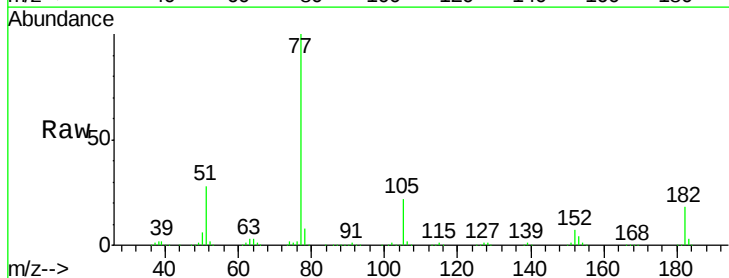
Ion Ratio Lower Upper

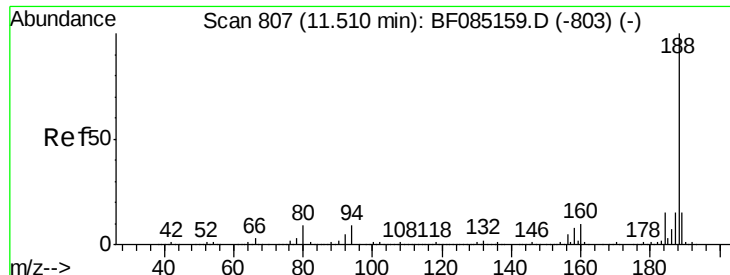
77 100

182 17.8 2.1 42.1

105 22.1 3.8 43.8

51 27.7 7.8 47.8





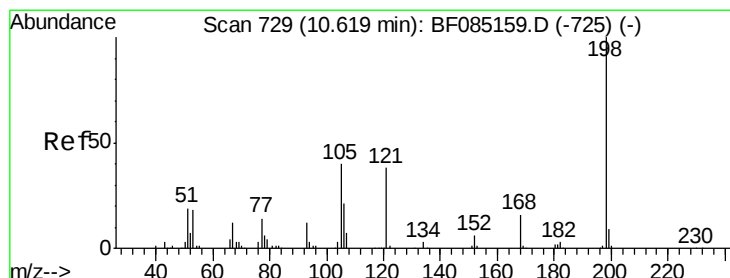
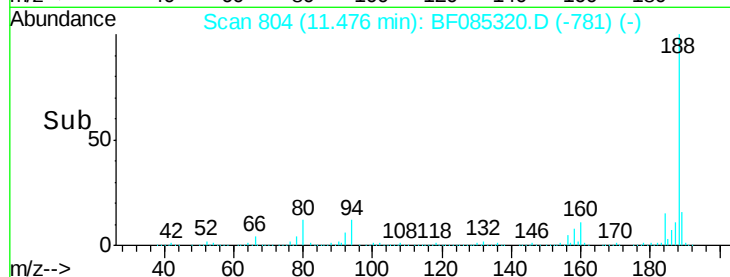
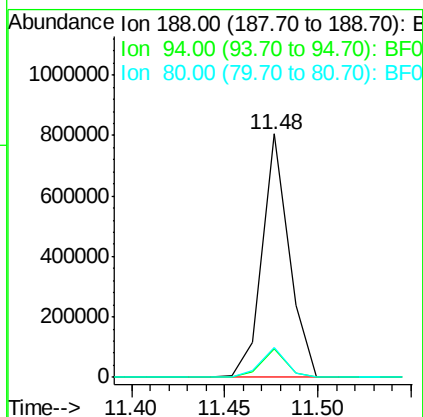
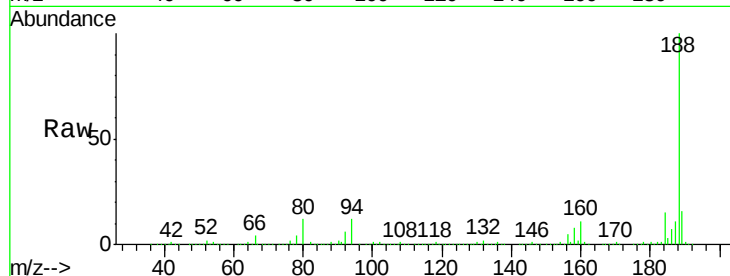
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF085320.D
Acq: 10 Mar 2016 1:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.7	7.0	10.6#
80	12.5	7.4	11.0#

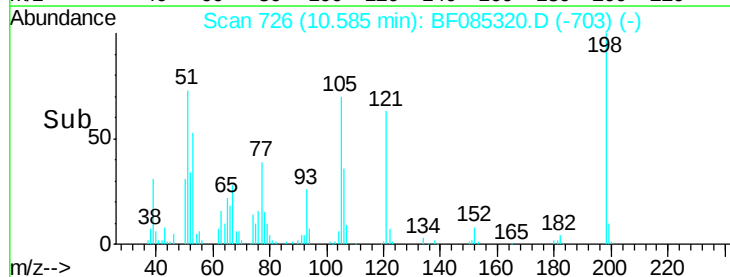
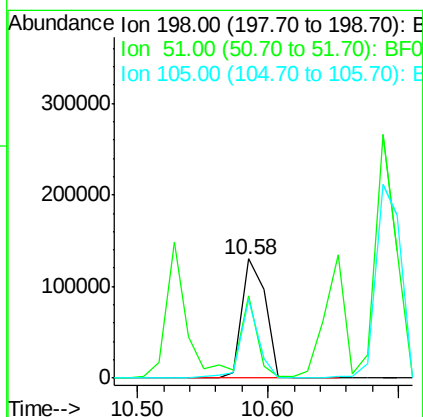
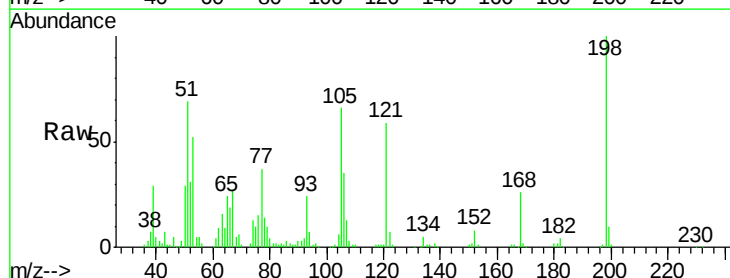
Manual Integrations
APPROVED

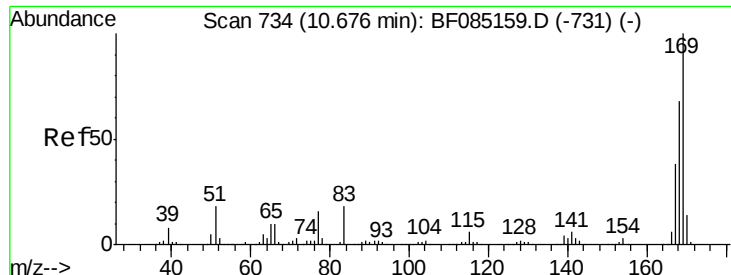
UMANGI
3/10/2016 3:04:49 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 33.98 ng
RT: 10.58 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF085320.D
Acq: 10 Mar 2016 1:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	69.0	9.5	49.5#
105	65.7	20.5	60.5#





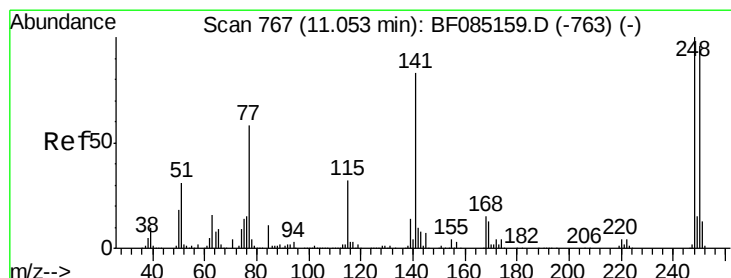
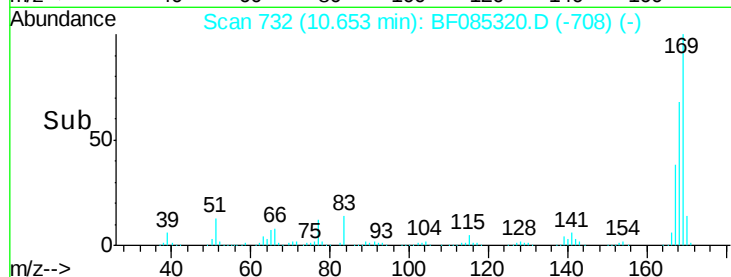
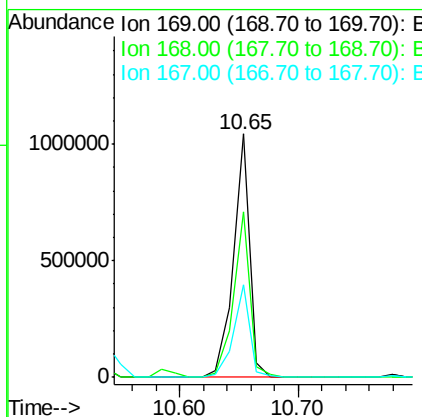
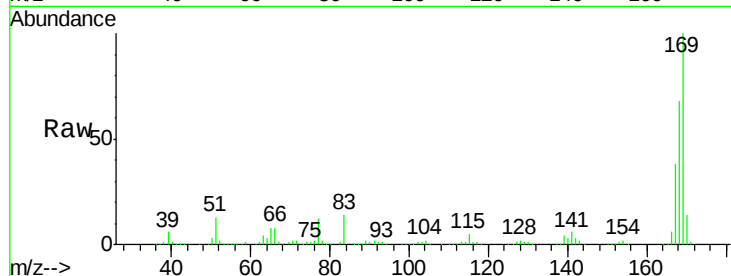
#65
 n-Nitrosodiphenylamine
 Concen: 39.64 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.02 min
 Lab File: BF085320.D
 Acq: 10 Mar 2016 1:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	986809		
168	68.0		54.8	82.2
167	37.8		30.3	45.5

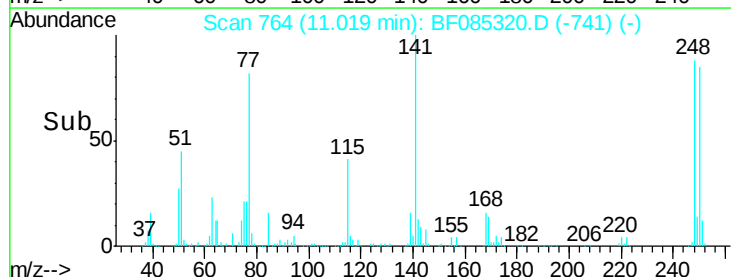
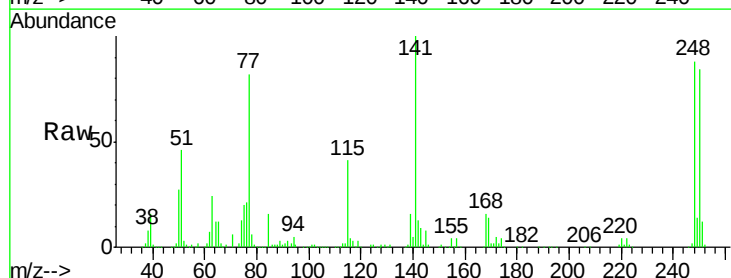
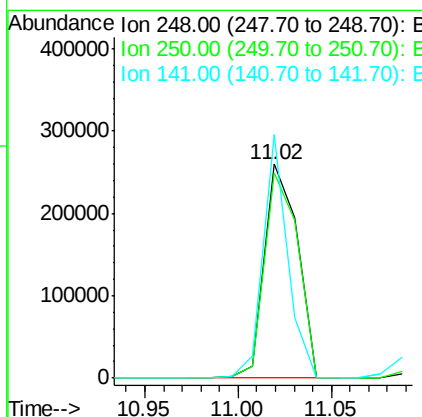
Manual Integrations
 APPROVED

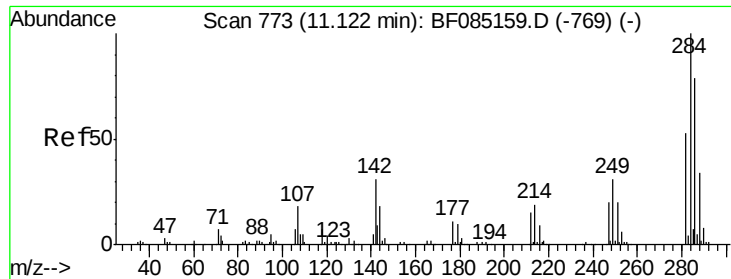
UMANGI
 3/10/2016 3:04:49 PM



#66
 4-Bromophenyl-phenylether
 Concen: 41.61 ng
 RT: 11.02 min Scan# 764
 Delta R.T. -0.03 min
 Lab File: BF085320.D
 Acq: 10 Mar 2016 1:23

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	323381		
250	95.9		77.1	115.7
141	113.9		66.2	99.2#





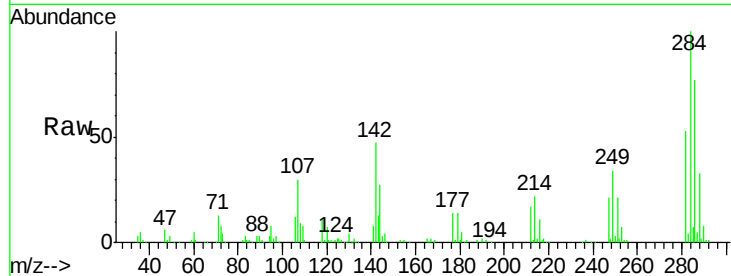
#67
Hexachlorobenzene
Concen: 40.46 ng
RT: 11.09 min Scan# 770
Delta R.T. -0.03 min
Lab File: BF085320.D
Acq: 10 Mar 2016 1:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

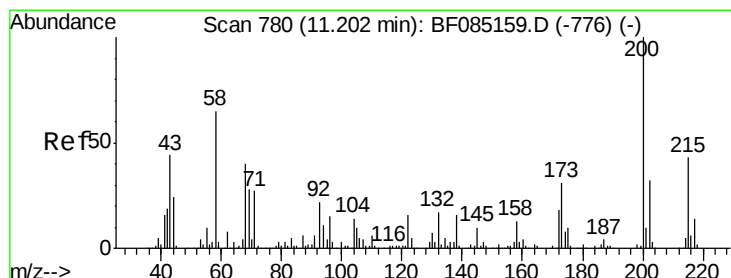
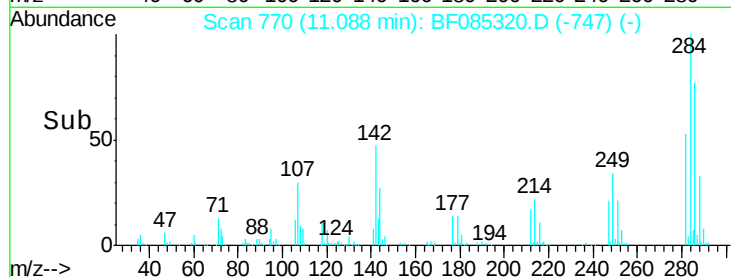
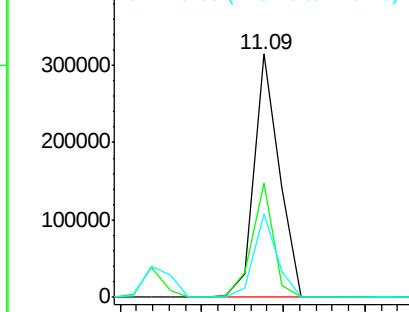
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	46.8	24.9	37.3#
249	34.2	25.0	37.4

Manual Integrations
APPROVED

UMANGI
3/10/2016 3:04:49 PM

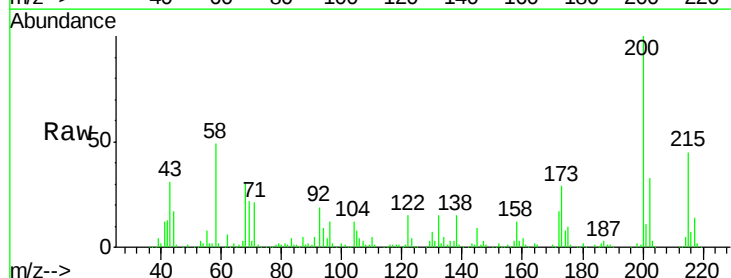


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

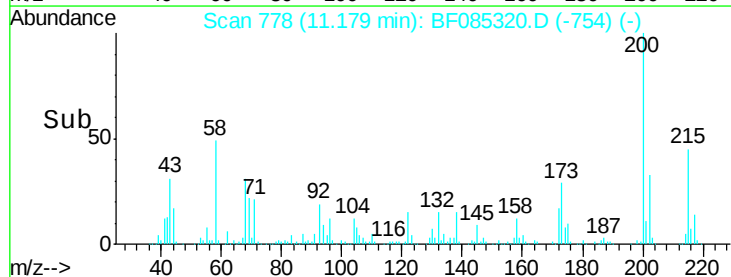
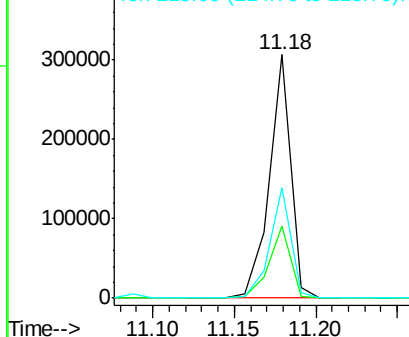


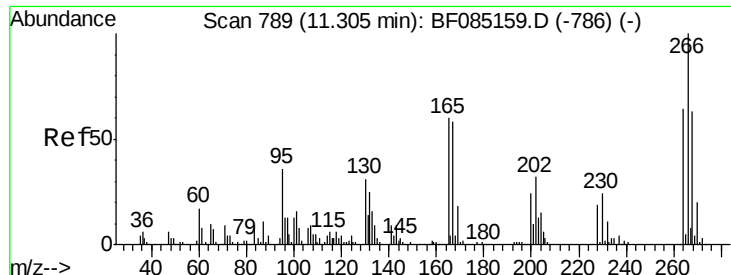
#68
Atrazine
Concen: 40.48 ng
RT: 11.18 min Scan# 778
Delta R.T. -0.02 min
Lab File: BF085320.D
Acq: 10 Mar 2016 1:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.4	10.5	50.5
215	45.3	23.4	63.4



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





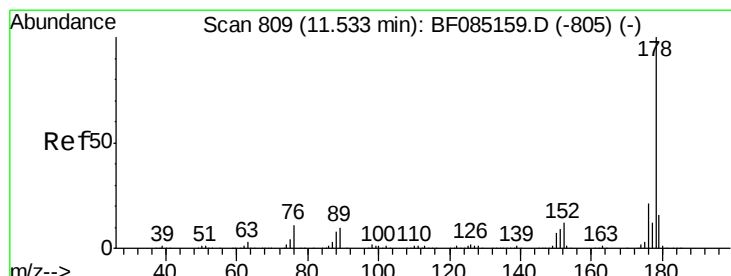
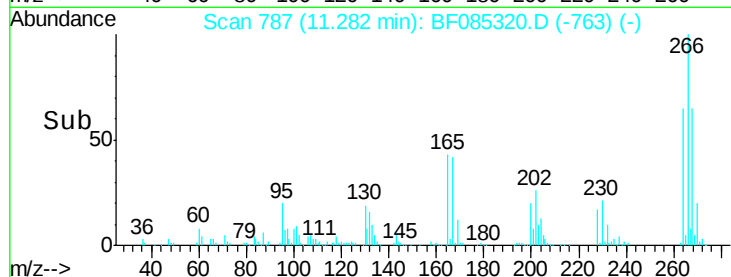
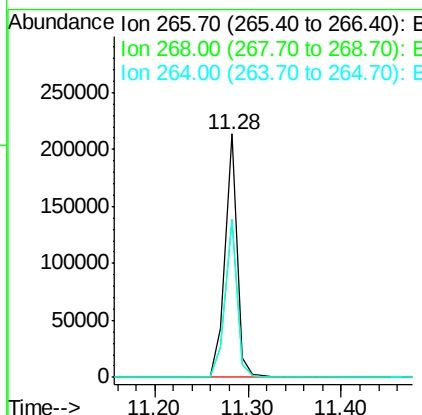
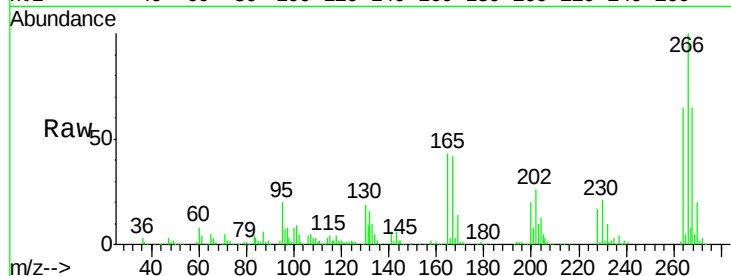
#69
 Pentachlorophenol
 Concen: 41.70 ng
 RT: 11.28 min Scan# 787
 Delta R.T. -0.02 min
 Lab File: BF085320.D
 Acq: 10 Mar 2016 1:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	191892		
268	64.7	50.0	75.0	
264	64.6	51.4	77.2	

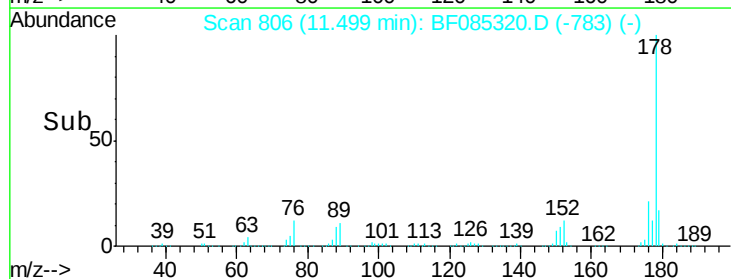
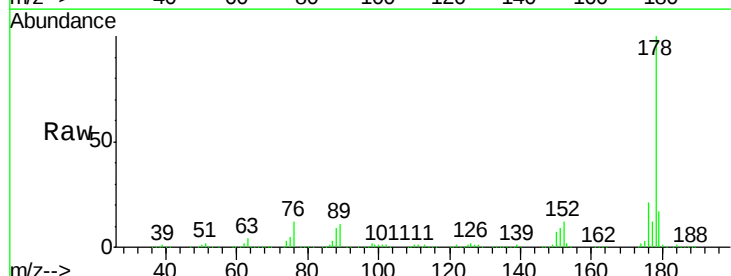
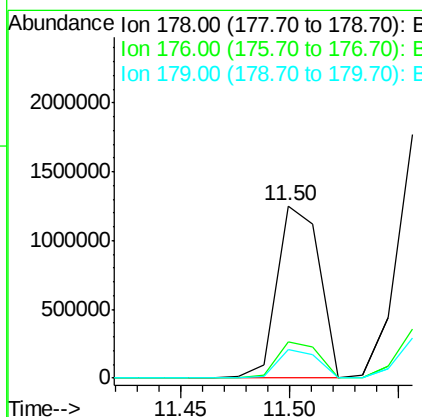
Manual Integrations
 APPROVED

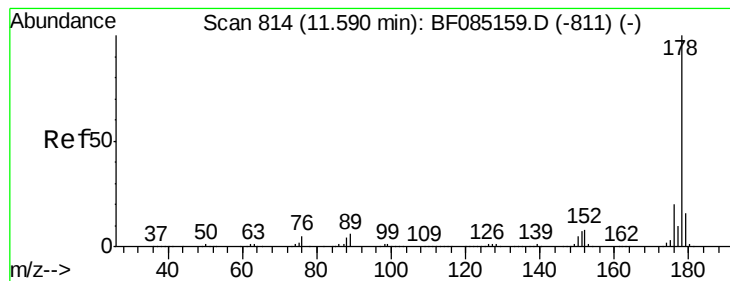
UMANGI
 3/10/2016 3:04:49 PM



#70
 Phenanthrene
 Concen: 40.52 ng
 RT: 11.50 min Scan# 806
 Delta R.T. -0.03 min
 Lab File: BF085320.D
 Acq: 10 Mar 2016 1:23

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1699732		
176	20.7	16.8	25.2	
179	16.5	13.1	19.7	





#71

Anthracene

Concen: 36.67 ng

RT: 11.56 min Scan# 811

Delta R.T. -0.03 min

Lab File: BF085320.D

Acq: 10 Mar 2016 1:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 1632860

Ion Ratio Lower Upper

178 100

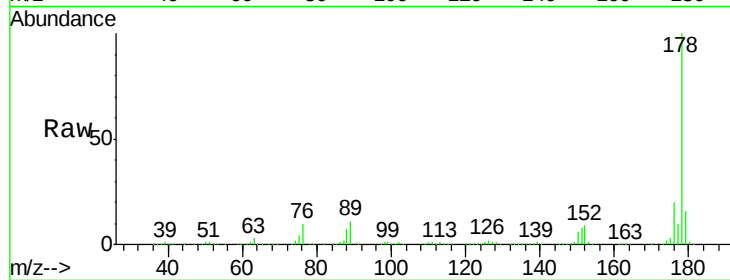
176 20.4 15.9 23.9

179 16.5 12.5 18.7

Manual Integrations
APPROVED

UMANGI

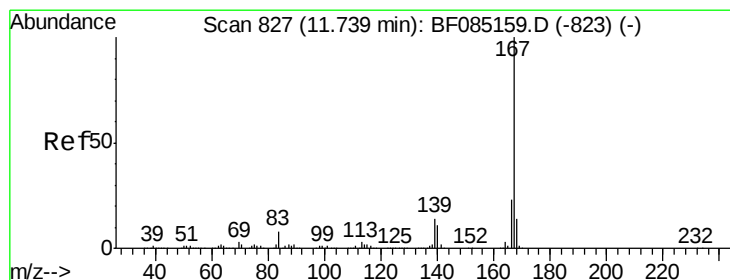
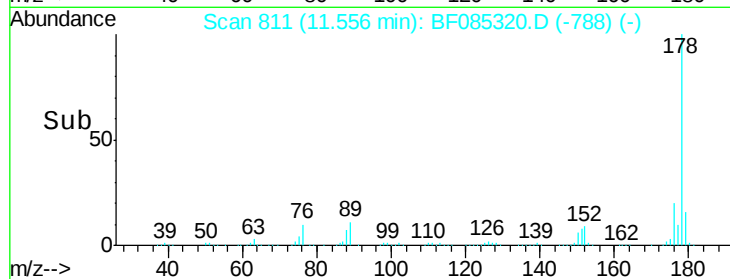
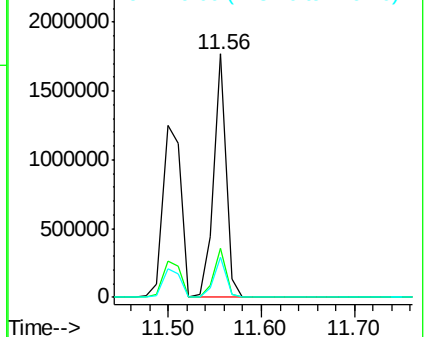
3/10/2016 3:04:49 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 35.86 ng

RT: 11.71 min Scan# 824

Delta R.T. -0.03 min

Lab File: BF085320.D

Acq: 10 Mar 2016 1:23

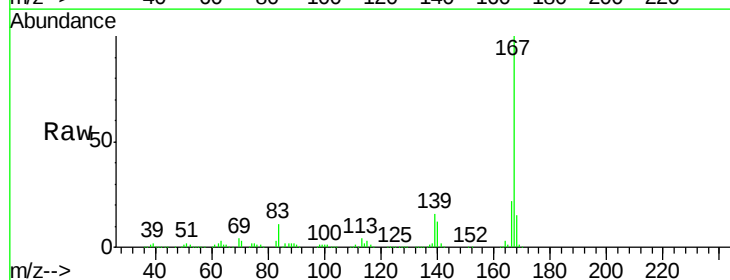
Tgt Ion:167 Resp: 1400224

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.2

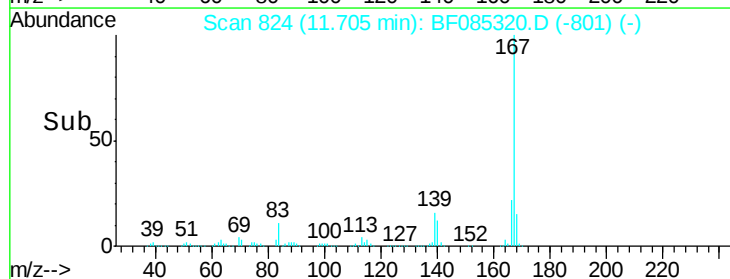
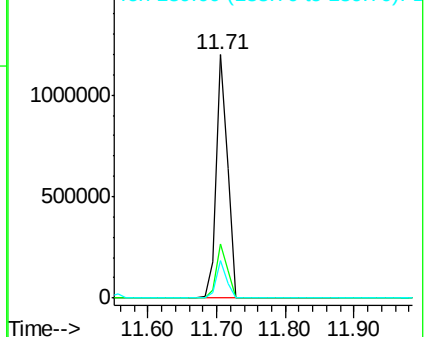
139 15.6 11.4 17.0

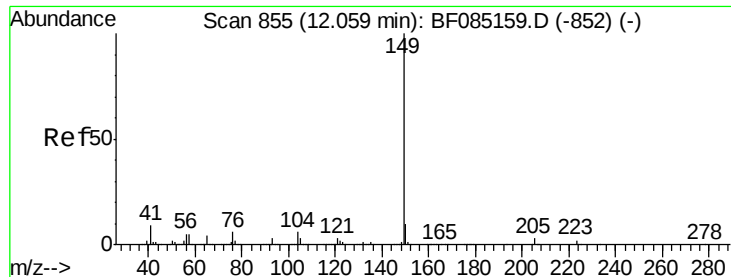


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 34.67 ng

RT: 12.04 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF085320.D

Acq: 10 Mar 2016 1:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 1711303

Ion Ratio Lower Upper

149 100

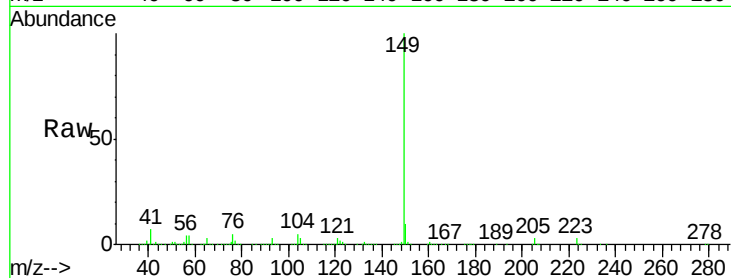
150 9.9 7.8 11.6

104 5.4 4.7 7.1

Manual Integrations
APPROVED

UMANGI

3/10/2016 3:04:49 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

2500000

2000000

1500000

1000000

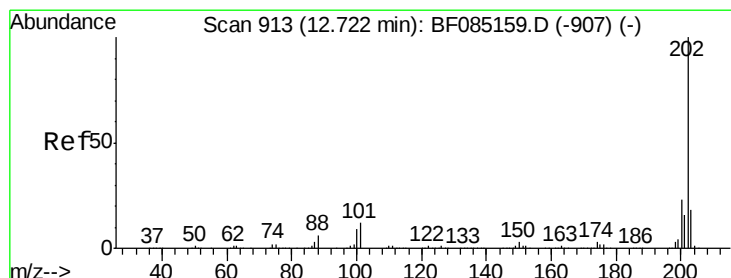
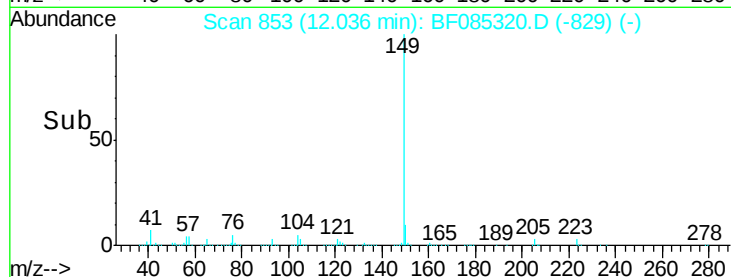
500000

0

12.04

12.00 12.10 12.20

Time-->



#74

Fluoranthene

Concen: 31.34 ng

RT: 12.69 min Scan# 910

Delta R.T. -0.03 min

Lab File: BF085320.D

Acq: 10 Mar 2016 1:23

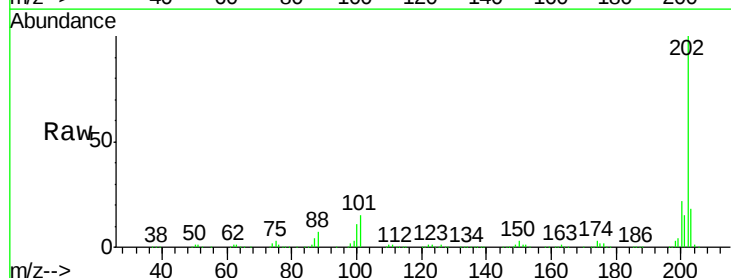
Tgt Ion:202 Resp: 1319028

Ion Ratio Lower Upper

202 100

101 14.7 0.0 31.8

203 18.1 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

1500000

1000000

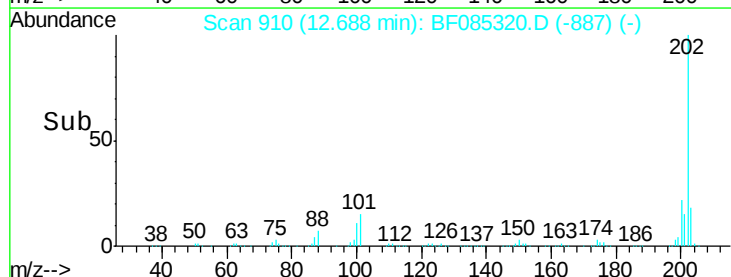
500000

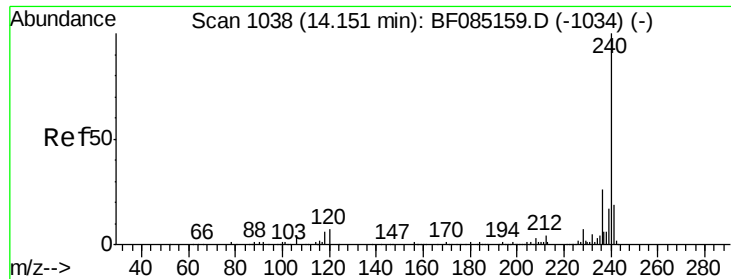
0

12.69

12.60 12.70 12.80 12.90

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF085320.D

Acq: 10 Mar 2016 1:23

Instrument :

BNA_F

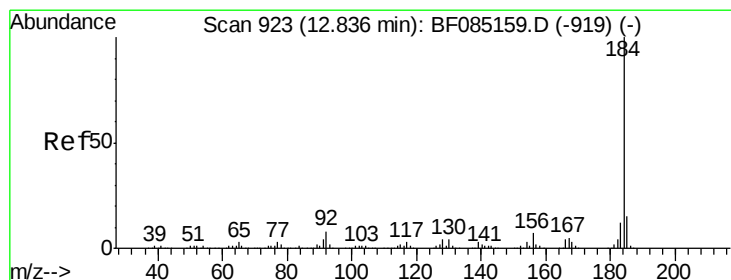
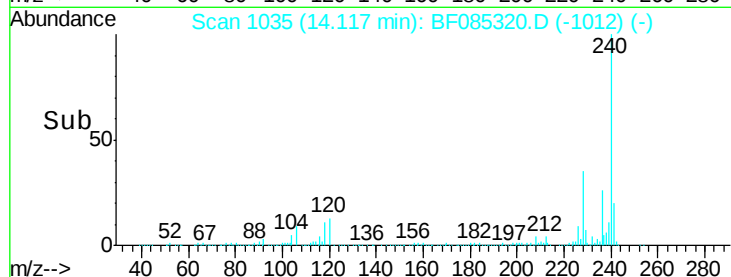
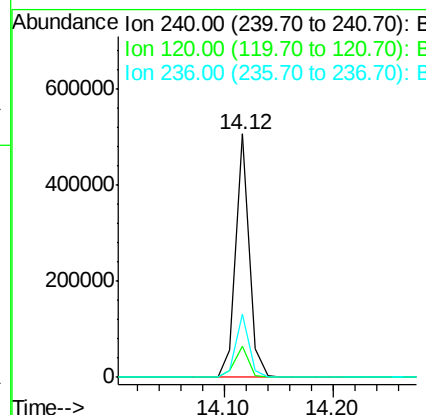
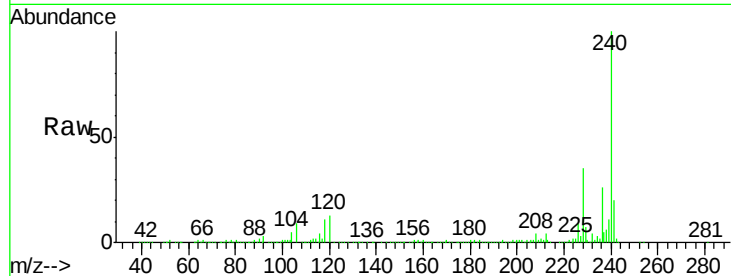
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.8	5.3	7.9#
236	26.0	20.7	31.1

Manual Integrations
APPROVED

UMANGI
3/10/2016 3:04:49 PM



#76

Benzidine

Concen: 39.64 ng

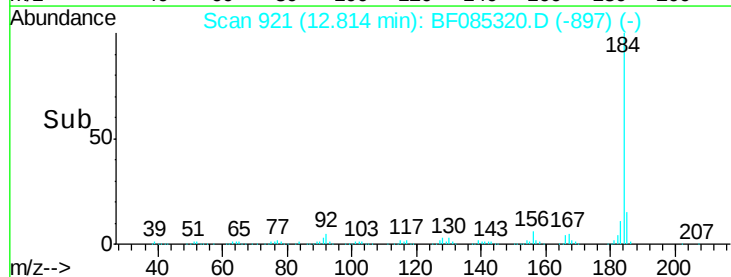
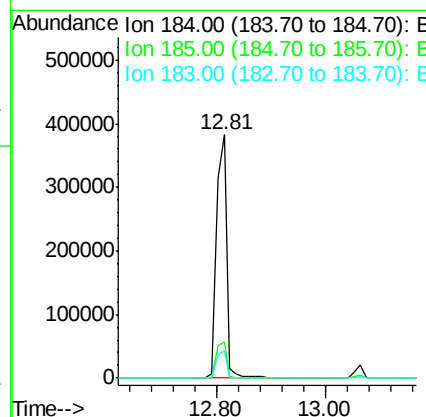
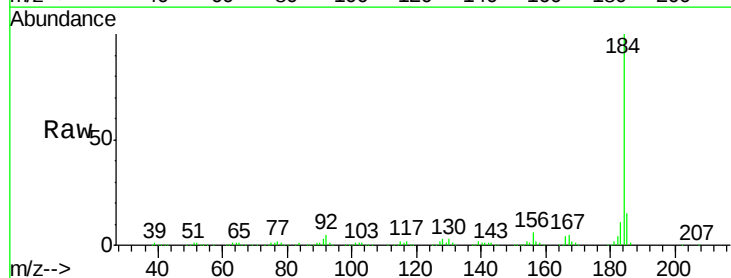
RT: 12.81 min Scan# 921

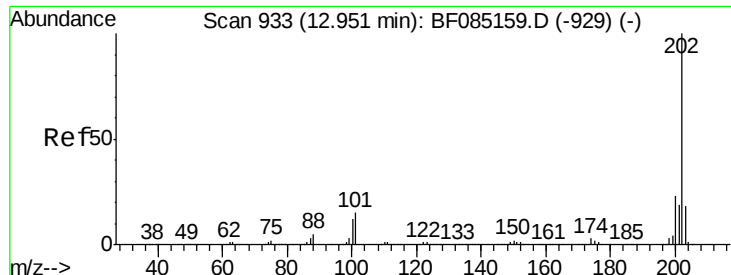
Delta R.T. -0.02 min

Lab File: BF085320.D

Acq: 10 Mar 2016 1:23

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.4	18.6
183	11.4	9.4	14.2





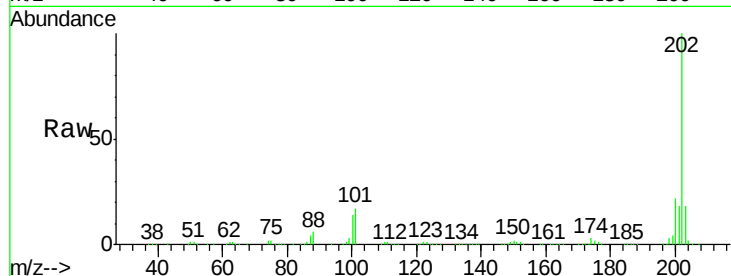
#77
 Pyrene
 Concen: 41.43 ng
 RT: 12.92 min Scan# 930
 Delta R.T. -0.03 min
 Lab File: BF085320.D
 Acq: 10 Mar 2016 1:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

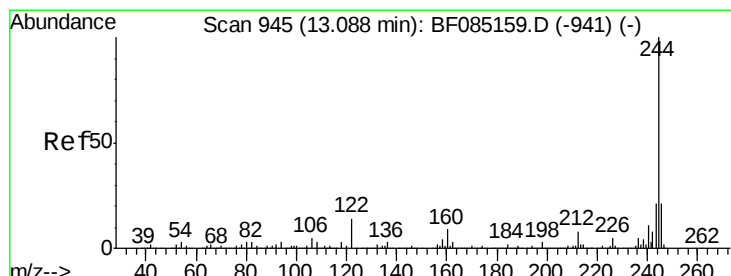
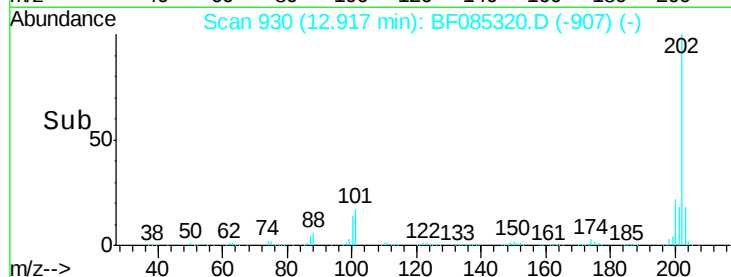
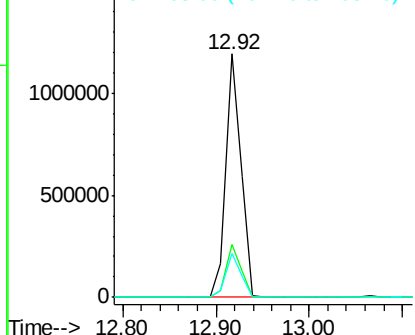
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	18.2	27.4
203	18.1	14.7	22.1

Manual Integrations
 APPROVED

UMANGI
 3/10/2016 3:04:49 PM

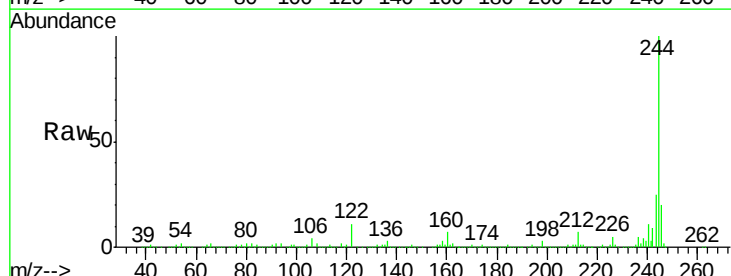


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

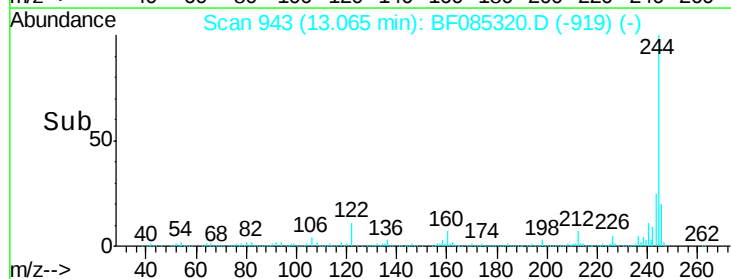
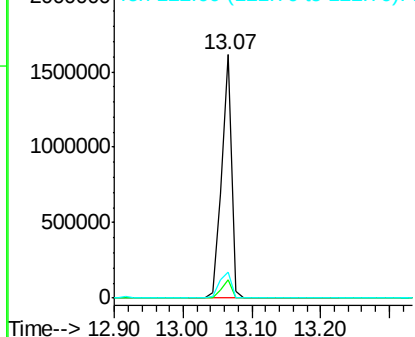


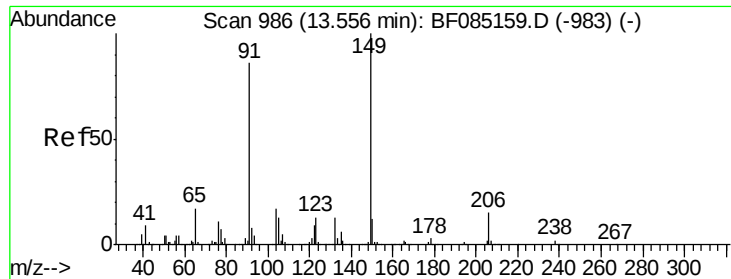
#78
 Terphenyl-d14
 Concen: 88.10 ng
 RT: 13.07 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BF085320.D
 Acq: 10 Mar 2016 1:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.4	9.6
122	10.5	11.4	17.2



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





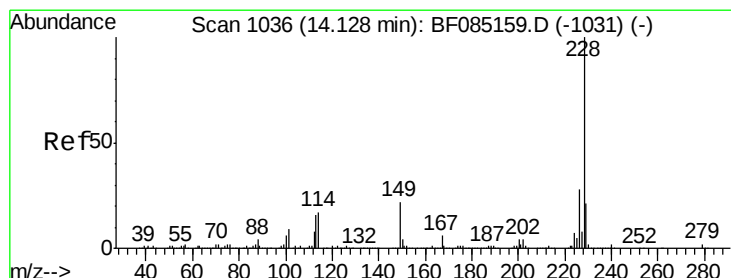
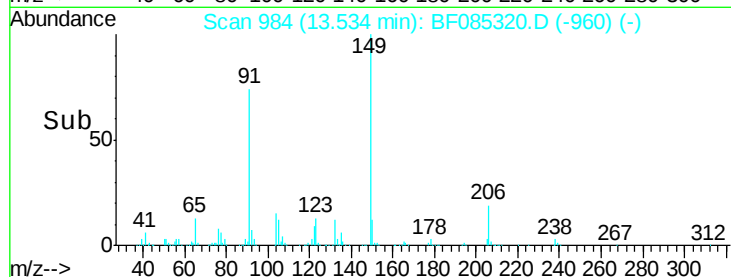
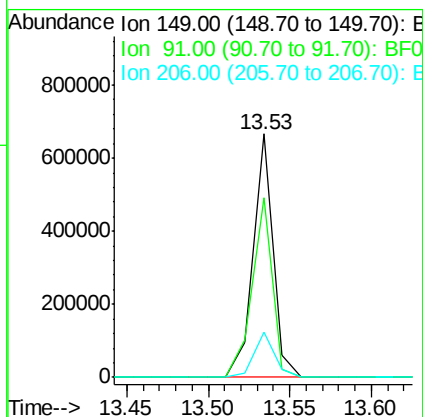
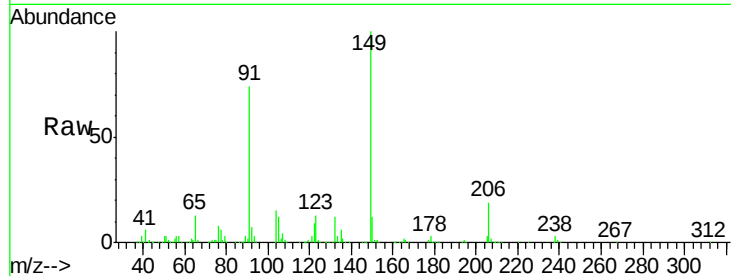
#79
Butylbenzylphthalate
Concen: 38.29 ng
RT: 13.53 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF085320.D
Acq: 10 Mar 2016 1:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	73.9	69.0	103.4
206	18.5	12.3	18.5#

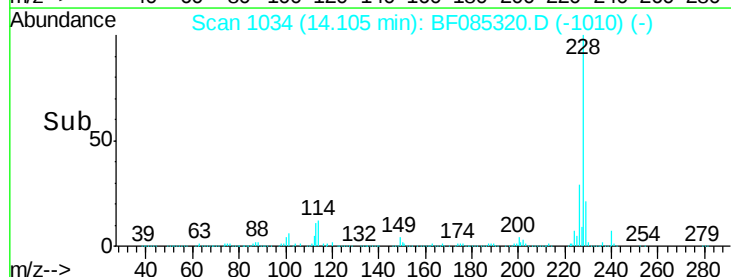
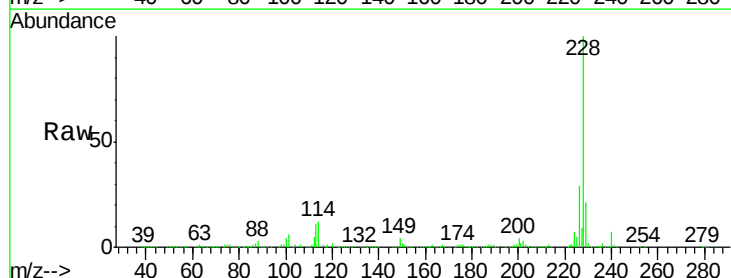
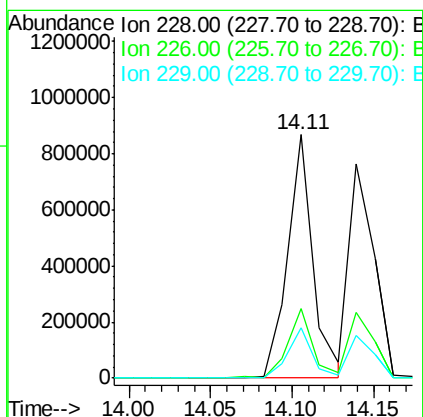
Manual Integrations
APPROVED

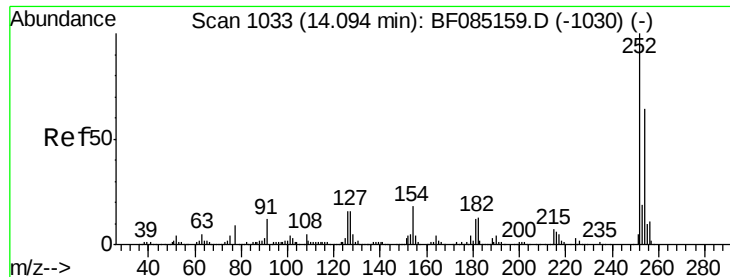
UMANGI
3/10/2016 3:04:49 PM



#80
Benzo(a)anthracene
Concen: 36.43 ng
RT: 14.11 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF085320.D
Acq: 10 Mar 2016 1:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.6	22.8	34.2
229	20.6	16.6	24.8





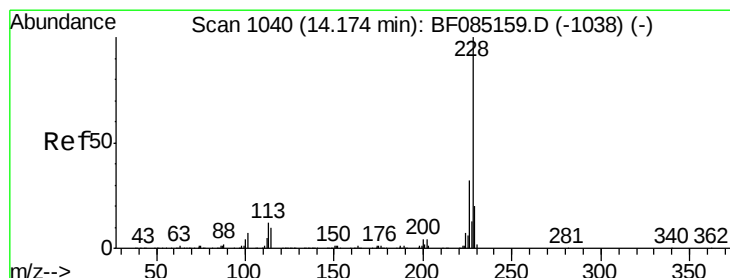
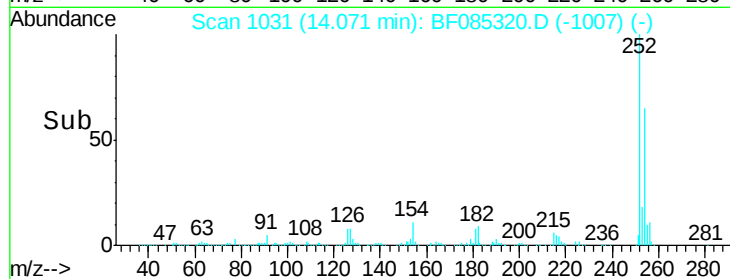
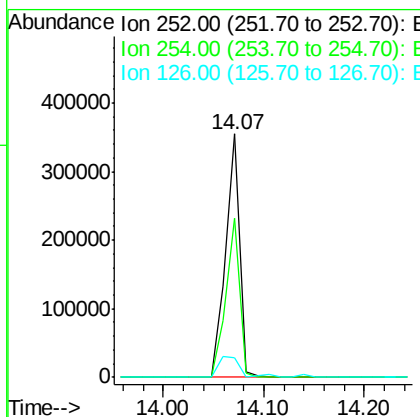
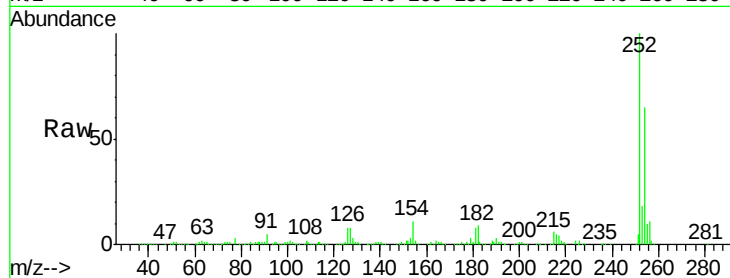
#81
 3,3'-Dichlorobenzidine
 Concen: 42.31 ng
 RT: 14.07 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BF085320.D
 Acq: 10 Mar 2016 1:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.1	51.4	77.0
126	8.3	12.9	19.3

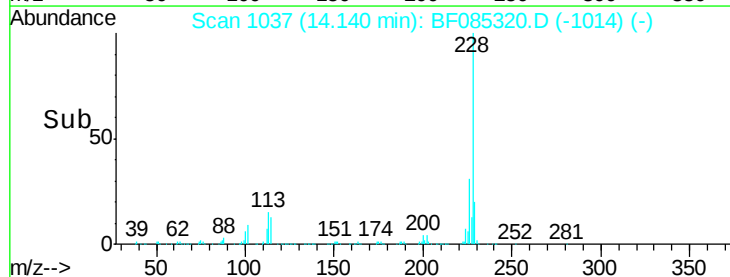
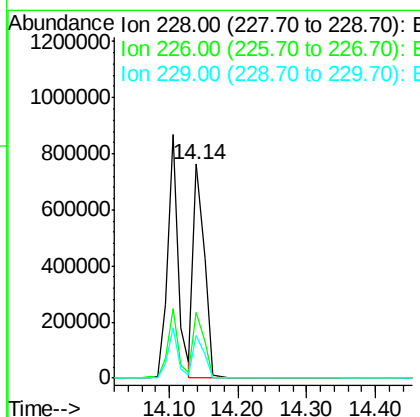
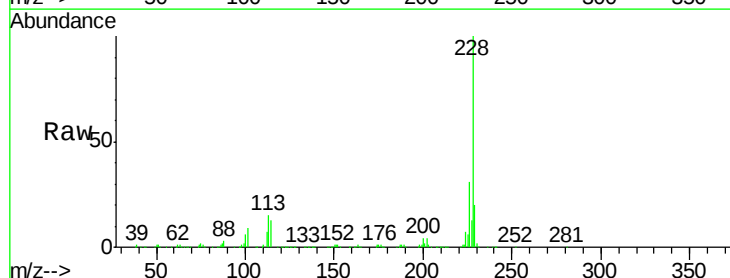
Manual Integrations
 APPROVED

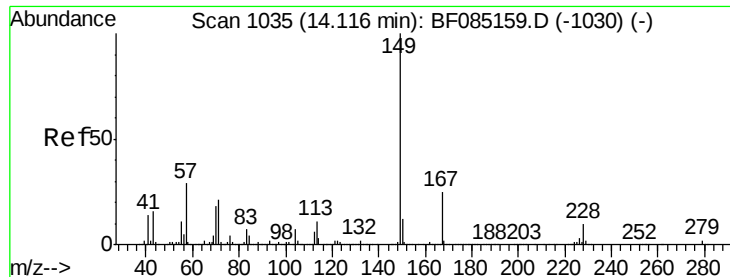
UMANGI
 3/10/2016 3:04:49 PM



#82
 Chrysene
 Concen: 34.85 ng
 RT: 14.14 min Scan# 1037
 Delta R.T. -0.03 min
 Lab File: BF085320.D
 Acq: 10 Mar 2016 1:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.9	25.2	37.8
229	20.2	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.79 ng

RT: 14.09 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BF085320.D

Acq: 10 Mar 2016 1:23

Instrument :

BNA_F

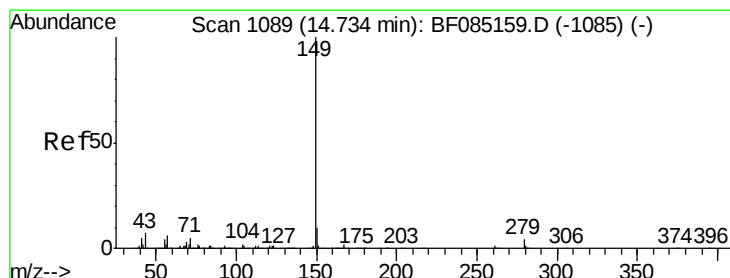
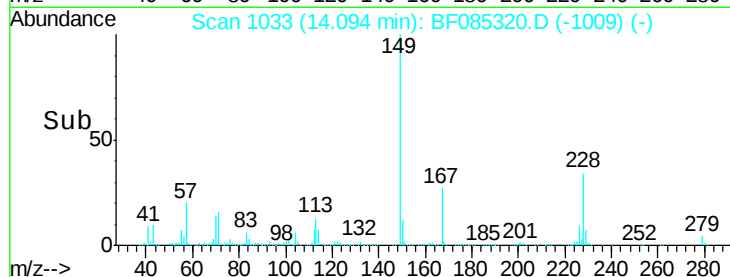
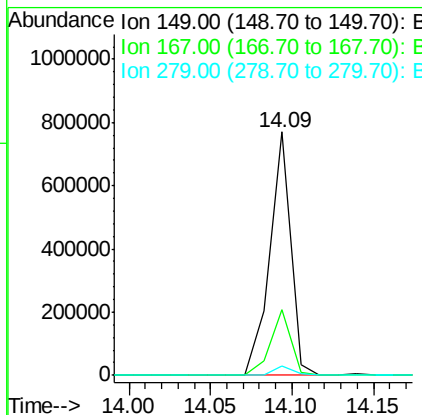
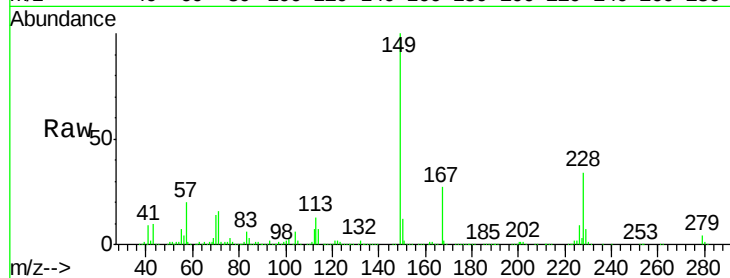
ClientSampleId :

SSTDCCC040

Tgt Ion:	149	Resp:	695420
Ion Ratio	Lower	Upper	
149	100		
167	26.8	20.3	30.5
279	3.8	1.9	2.9#

Manual Integrations
APPROVED

UMANGI
3/10/2016 3:04:49 PM



#84

Di-n-octyl phthalate

Concen: 33.79 ng

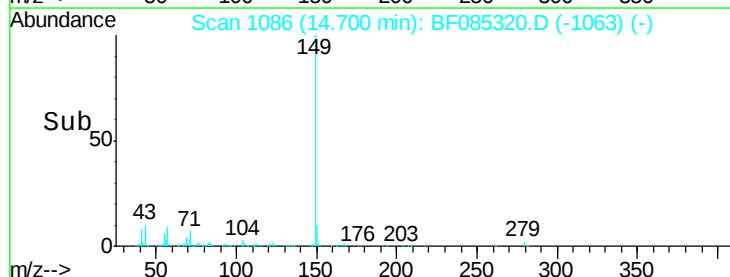
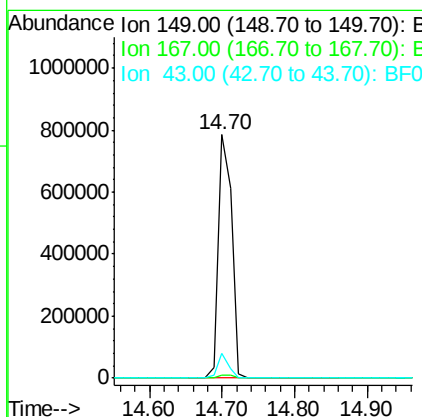
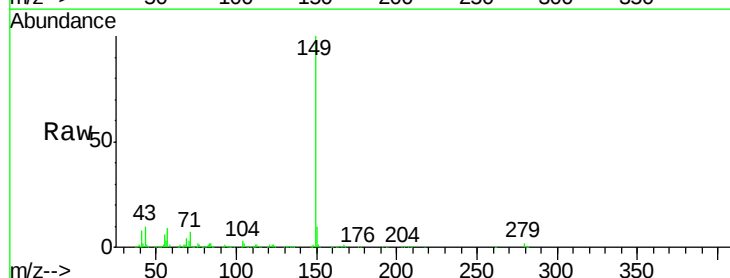
RT: 14.70 min Scan# 1086

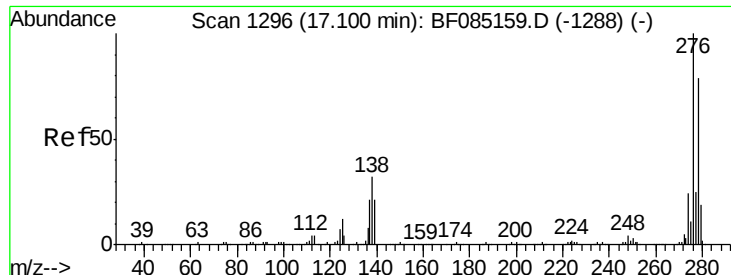
Delta R.T. -0.03 min

Lab File: BF085320.D

Acq: 10 Mar 2016 1:23

Tgt Ion:	149	Resp:	999830
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	8.1	7.8	11.8





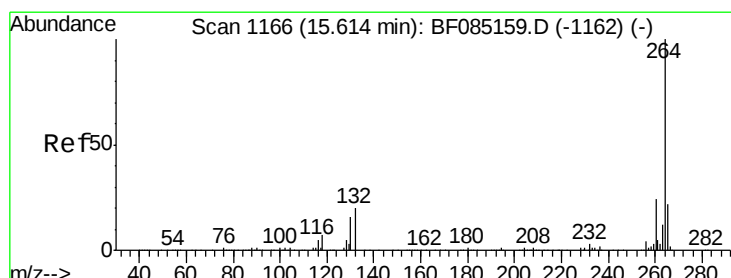
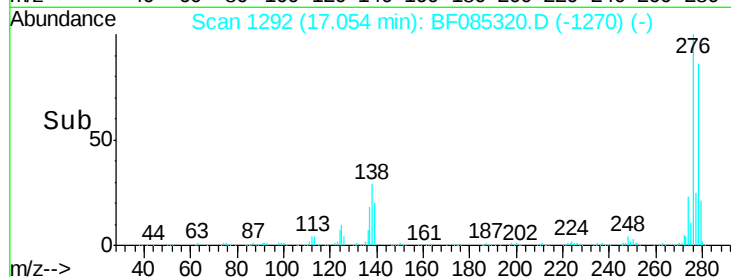
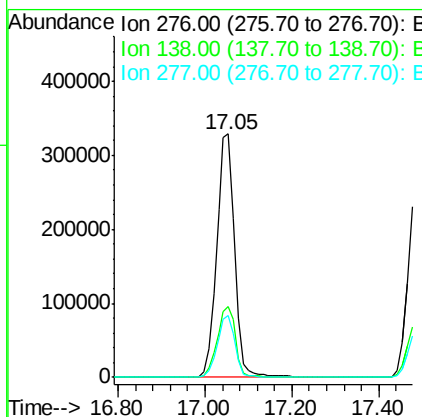
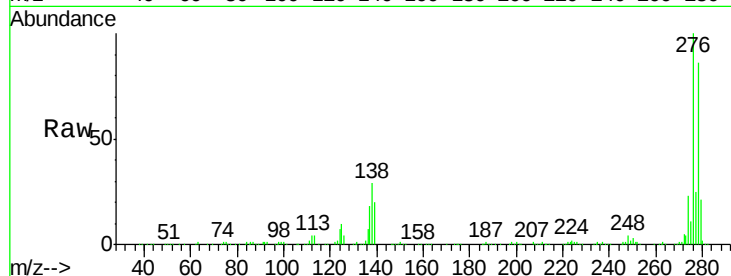
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.19 ng
 RT: 17.05 min Scan# 1292
 Delta R.T. -0.05 min
 Lab File: BF085320.D
 Acq: 10 Mar 2016 1:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.9	26.4	39.6
277	25.2	20.2	30.2

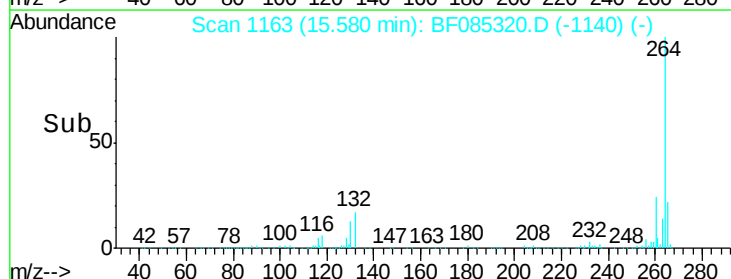
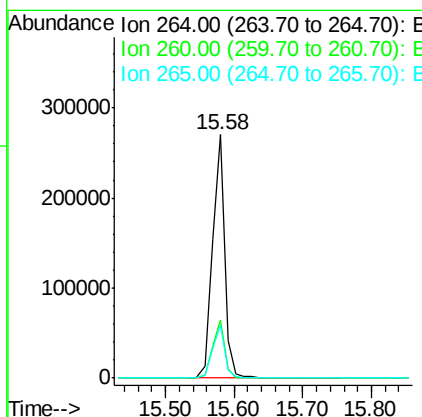
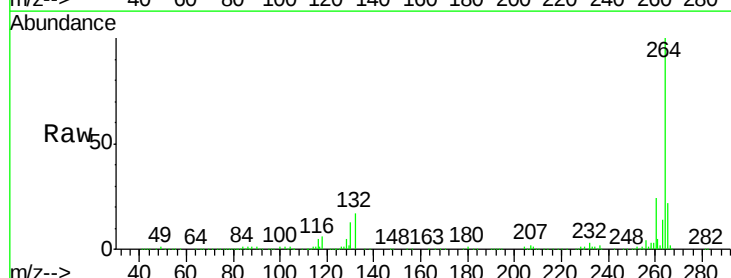
Manual Integrations
 APPROVED

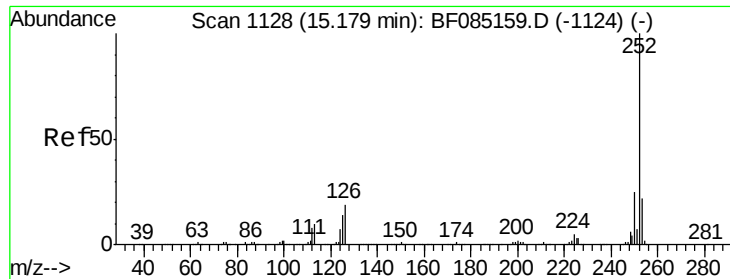
UMANGI
 3/10/2016 3:04:49 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 1163
 Delta R.T. -0.03 min
 Lab File: BF085320.D
 Acq: 10 Mar 2016 1:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.7	17.3	25.9





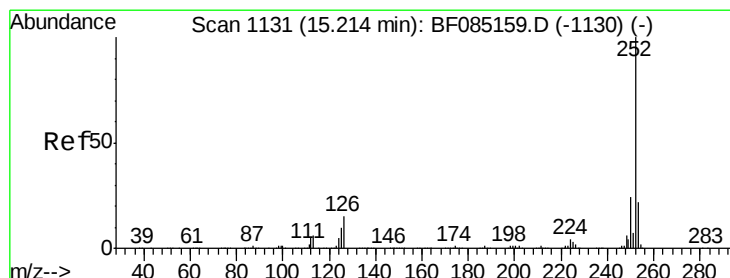
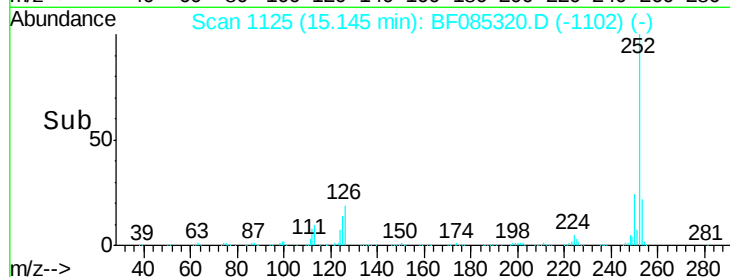
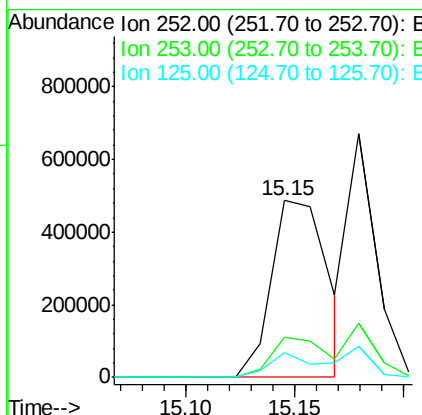
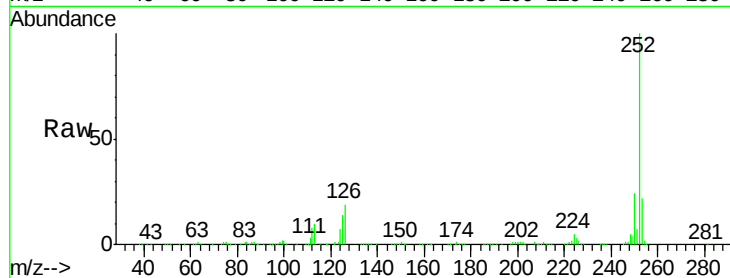
#87
Benzo(b)fluoranthene
Concen: 38.99 ng m
RT: 15.15 min Scan# 1125
Delta R.T. -0.03 min
Lab File: BF085320.D
Acq: 10 Mar 2016 1:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	14.2	11.3	16.9

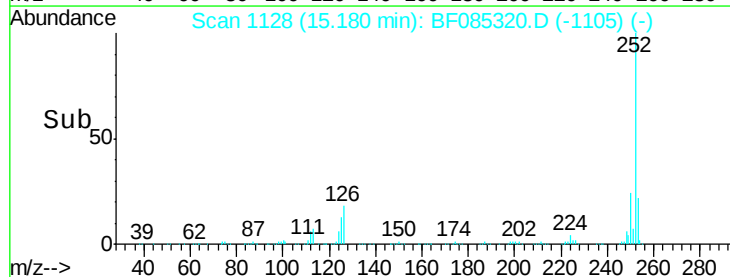
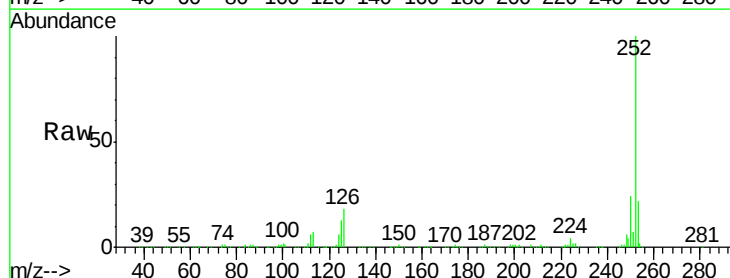
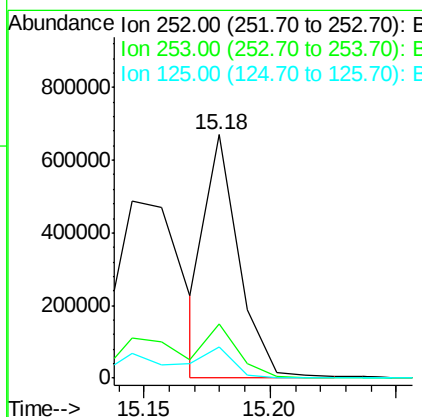
Manual Integrations
APPROVED

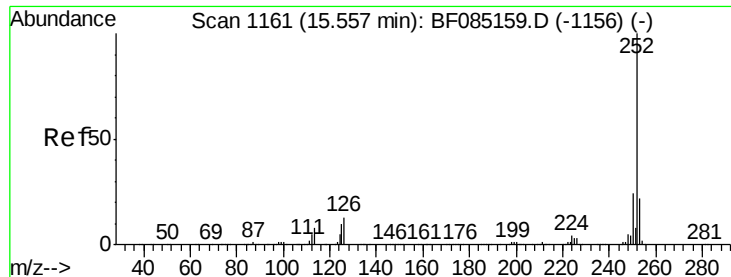
UMANGI
3/10/2016 3:04:49 PM



#88
Benzo(k)fluoranthene
Concen: 33.39 ng m
RT: 15.18 min Scan# 1128
Delta R.T. -0.03 min
Lab File: BF085320.D
Acq: 10 Mar 2016 1:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	12.6	10.4	15.6





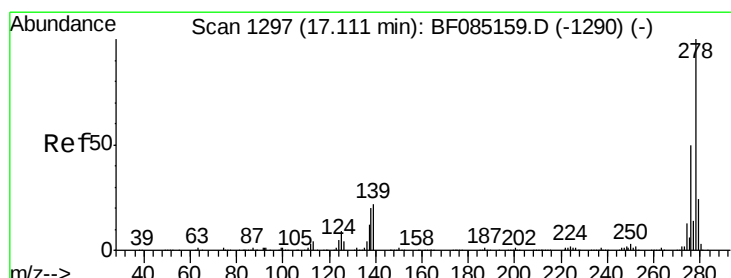
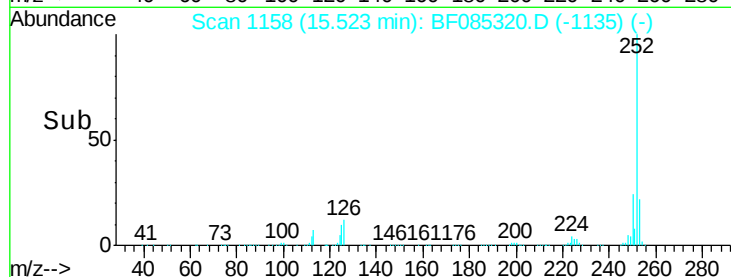
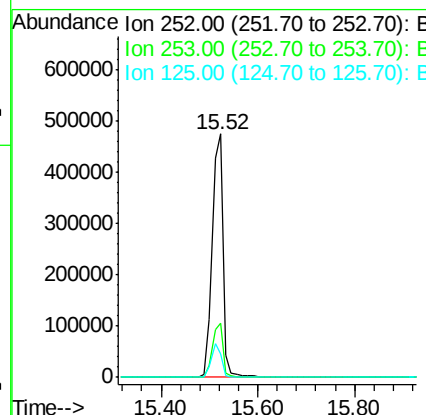
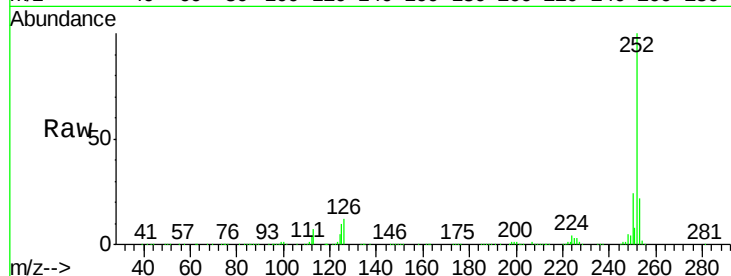
#89
Benzo(a)pyrene
Concen: 40.09 ng
RT: 15.52 min Scan# 1158
Delta R.T. -0.03 min
Lab File: BF085320.D
Acq: 10 Mar 2016 1:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	9.6	8.2	12.4

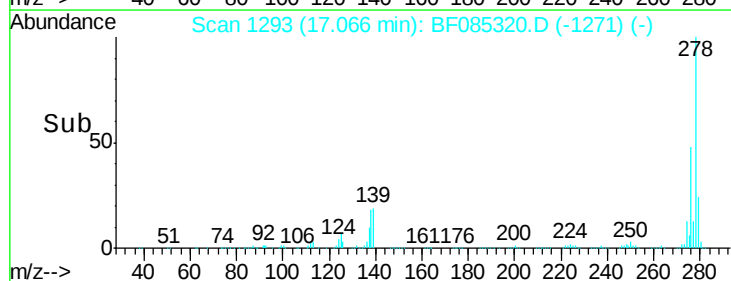
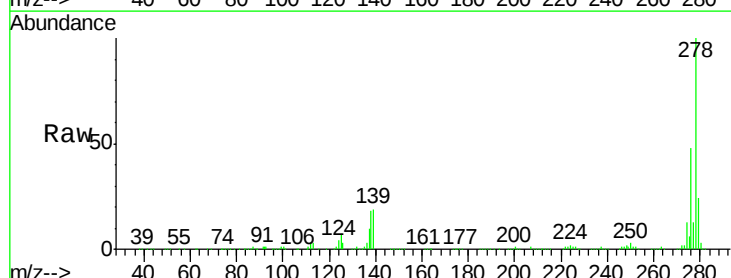
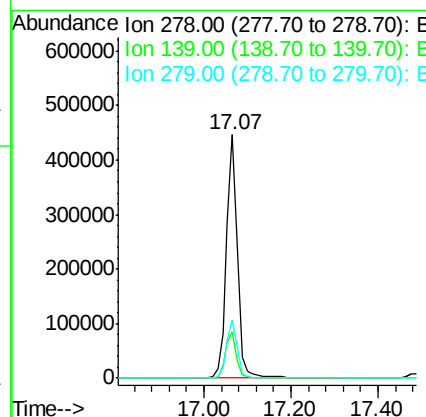
Manual Integrations
APPROVED

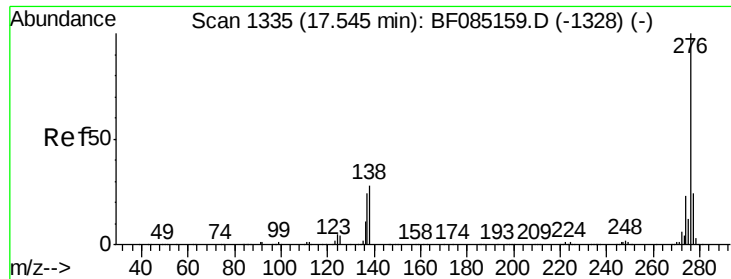
UMANGI
3/10/2016 3:04:49 PM



#90
Dibenzo(a,h)anthracene
Concen: 50.20 ng
RT: 17.07 min Scan# 1293
Delta R.T. -0.05 min
Lab File: BF085320.D
Acq: 10 Mar 2016 1:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.0	17.3	25.9
279	24.0	19.2	28.8





#91
 Benzo(g,h,i)perylene
 Concen: 50.94 ng
 RT: 17.49 min Scan# 1330
 Delta R.T. -0.06 min
 Lab File: BF085320.D
 Acq: 10 Mar 2016 1:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt	Ion	276	Resp:	815848
Ion	Ratio	Lower	Upper	
276	100			
277	24.0	19.0	28.4	
138	28.4	22.5	33.7	

Manual Integrations
 APPROVED

UMANGI
 3/10/2016 3:04:49 PM

