

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
 Data File : BF085225.D
 Acq On : 5 Mar 2016 1:44
 Operator : SJ/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

UMANGI
 3/7/2016 3:30:51 PM

Quant Time: Mar 07 11:43:42 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	6.97	152	156406	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	610794	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	288582	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	543863	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	327386	20.00	ng	-0.01
86) Perylene-d12	15.60	264	251475	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	697078	74.76	ng	-0.01
7) Phenol-d6	6.60	99	970532	79.45	ng	-0.01
23) Nitrobenzene-d5	7.53	82	853858	74.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	208804	84.56	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1537409	81.02	ng	-0.01
78) Terphenyl-d14	13.08	244	1238290	87.80	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.66	88	180176	37.79	ng	99
3) Pyridine	3.43	79	503588	42.20	ng	98
4) n-Nitrosodimethylamine	3.37	42	188769	36.96	ng	91
6) Aniline	6.63	93	639923	37.37	ng	99
8) 2-Chlorophenol	6.76	128	448137	39.92	ng	95
9) Benzaldehyde	6.52	77	236971	41.68	ng	99
10) Phenol	6.61	94	581666m	44.46	ng	
11) bis(2-Chloroethyl)ether	6.70	93	392562	36.12	ng	91
12) 1,3-Dichlorobenzene	6.92	146	473711	39.31	ng	99
13) 1,4-Dichlorobenzene	6.98	146	455569	37.72	ng	98
14) 1,2-Dichlorobenzene	7.14	146	458950	41.88	ng	99
15) Benzyl Alcohol	7.11	79	376703	42.01	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.25	45	565284	36.09	ng	99
17) 2-Methylphenol	7.21	107	369919	40.39	ng	97
18) Hexachloroethane	7.49	117	177447	39.82	ng	98
19) n-Nitroso-di-n-propylamine	7.38	70	284520	35.73	ng	# 91
20) 3+4-Methylphenols	7.37	107	440715	40.62	ng	98
22) Acetophenone	7.38	105	632467	42.42	ng	# 94
24) Nitrobenzene	7.56	77	526356	45.39	ng	93
25) Isophorone	7.80	82	866326	40.96	ng	97
26) 2-Nitrophenol	7.88	139	231457	41.02	ng	99
27) 2,4-Dimethylphenol	7.90	122	401071	38.89	ng	93
28) bis(2-Chloroethoxy)methane	8.00	93	482087	40.92	ng	100
29) 2,4-Dichlorophenol	8.10	162	331186	39.82	ng	87
30) 1,2,4-Trichlorobenzene	8.20	180	370460	41.20	ng	99
31) Naphthalene	8.28	128	1160479	38.64	ng	99
32) Benzoic acid	8.00	122	194009m	28.33	ng	
33) 4-Chloroaniline	8.32	127	476576	39.23	ng	99
34) Hexachlorobutadiene	8.40	225	199248	42.59	ng	99
35) Caprolactam	8.70	113	112784	41.53	ng	93
36) 4-Chloro-3-methylphenol	8.80	107	404733	42.90	ng	97
37) 2-Methylnaphthalene	8.97	142	816534	42.37	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	326599	39.57	ng	99
40) Hexachlorocyclopentadiene	9.12	237	160647	36.09	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
 Data File : BF085225.D
 Acq On : 5 Mar 2016 1:44
 Operator : SJ/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

UMANGI
 3/7/2016 3:30:51 PM

Quant Time: Mar 07 11:43:42 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	9.25	196	253553	41.27	nq	99
43) 2,4,5-Trichlorophenol	9.28	196	222017	38.11	nq	99
45) 1,1'-Biphenyl	9.43	154	947833	38.44	nq	100
46) 2-Chloronaphthalene	9.46	162	755396	40.19	nq	99
47) 2-Nitroaniline	9.54	65	223650	38.40	nq	96
48) Acenaphthylene	9.88	152	1220843	41.74	nq	98
49) Dimethylphthalate	9.74	163	875112	39.51	nq	99
50) 2,6-Dinitrotoluene	9.80	165	206596	43.60	nq	91
51) Acenaphthene	10.05	154	684017	38.51	nq	99
52) 3-Nitroaniline	9.97	138	218494	38.54	nq	83
53) 2,4-Dinitrophenol	10.06	184	32262	20.10	nq	# 45
54) Dibenzofuran	10.22	168	949450	40.81	nq	97
55) 4-Nitrophenol	10.10	139	152835	34.30	nq	# 67
56) 2,4-Dinitrotoluene	10.20	165	264270	43.58	nq	92
57) Fluorene	10.56	166	758258	41.49	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	169975	41.54	nq	98
59) Diethylphthalate	10.44	149	897808	41.77	nq	100
60) 4-Chlorophenyl-phenylether	10.55	204	353906	39.80	nq	97
61) 4-Nitroaniline	10.57	138	196438	37.05	nq	96
62) Azobenzene	10.71	77	769198	36.32	nq	98
64) 4,6-Dinitro-2-methylphenol	10.61	198	75229	23.10	nq	81
65) n-Nitrosodiphenylamine	10.66	169	661646	39.11	nq	100
66) 4-Bromophenyl-phenylether	11.04	248	213577	40.44	nq	93
67) Hexachlorobenzene	11.11	284	226630	40.23	nq	# 93
68) Atrazine	11.19	200	184909	39.31	nq	99
69) Pentachlorophenol	11.29	266	105469	33.73	nq	99
70) Phenanthrene	11.52	178	1067416	37.45	nq	99
71) Anthracene	11.58	178	1205703	39.85	nq	99
72) Carbazole	11.73	167	1024587	38.62	nq	99
73) Di-n-butylphthalate	12.06	149	1344974	40.10	nq	# 98
74) Fluoranthene	12.71	202	1112511	38.89	nq	99
76) Benzidine	12.83	184	506227	51.95	nq	100
77) Pyrene	12.94	202	1088514	44.17	nq	99
79) Butylbenzylphthalate	13.56	149	520216	46.53	nq	# 75
80) Benzo(a)anthracene	14.13	228	787863	40.20	nq	98
81) 3,3'-Dichlorobenzidine	14.08	252	254476	41.16	nq	99
82) Chrysene	14.16	228	787761	43.51	nq	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	604873	41.11	nq	# 97
84) Di-n-octyl phthalate	14.72	149	929434	41.48	nq	99
85) Indeno(1,2,3-cd)pyrene	17.08	276	670099	47.43	nq	99
87) Benzo(b)fluoranthene	15.17	252	733138	43.74	nq	100
88) Benzo(k)fluoranthene	15.20	252	469846m	34.75	nq	
89) Benzo(a)pyrene	15.53	252	571822	41.17	nq	# 94
90) Dibenzo(a,h)anthracene	17.09	278	564603	47.62	nq	98
91) Benzo(g,h,i)perylene	17.52	276	578800	48.55	nq	100

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

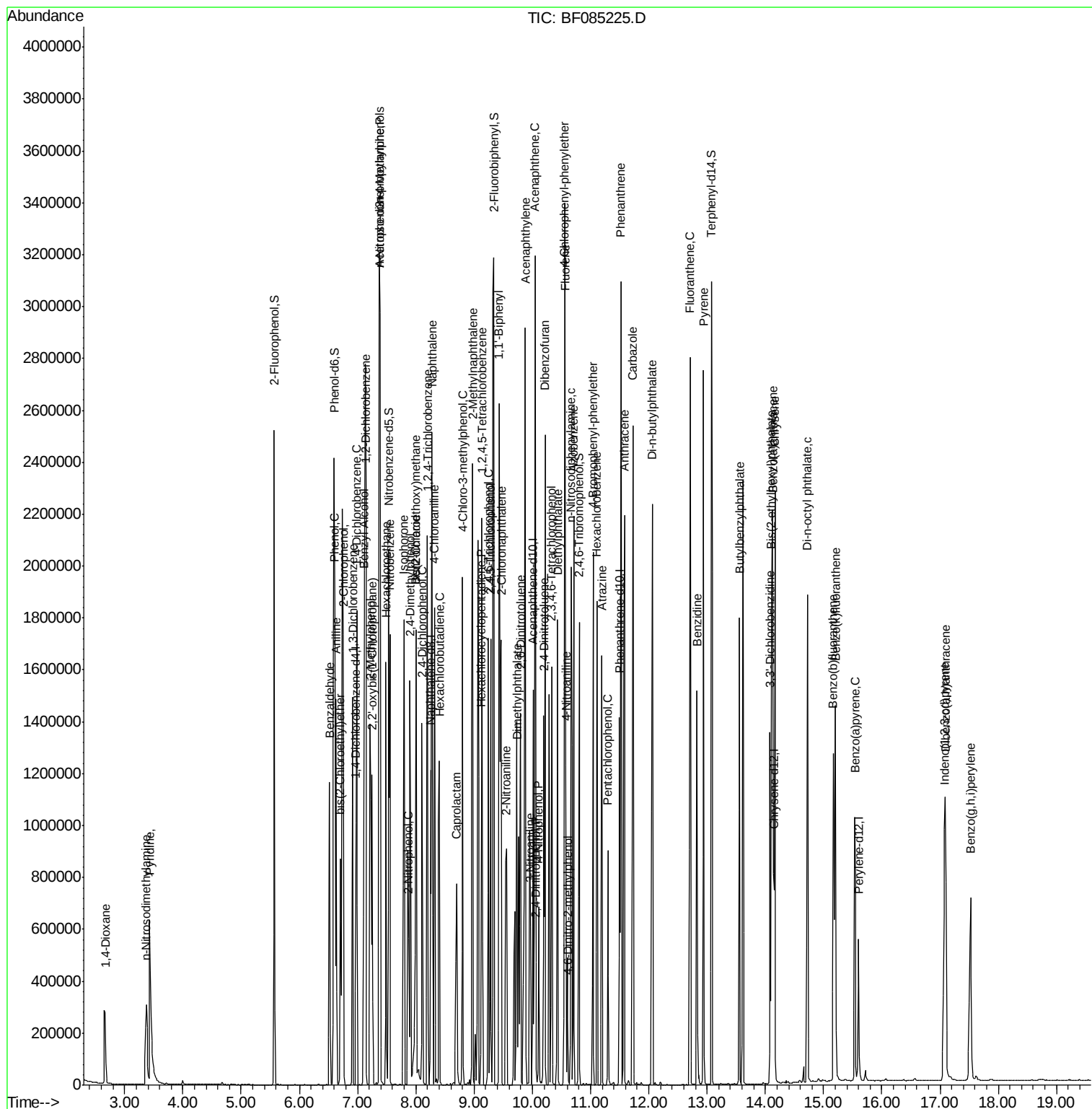
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085225.D
Acq On : 5 Mar 2016 1:44
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

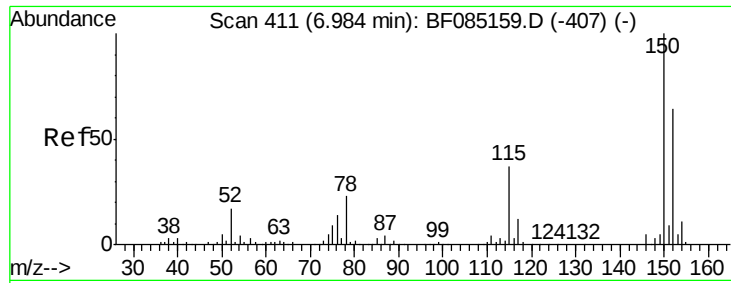
Instrument :
BNA_F
Client Sample ID :
SSTDCCC040EC

Manual Integrations
APPROVED

UMANGI
3/7/2016 3:30:51 PM

Quant Time: Mar 07 11:43:42 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

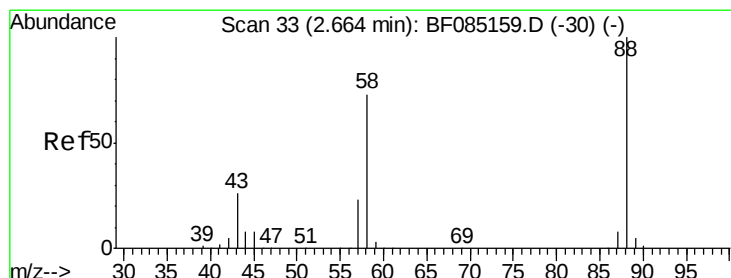
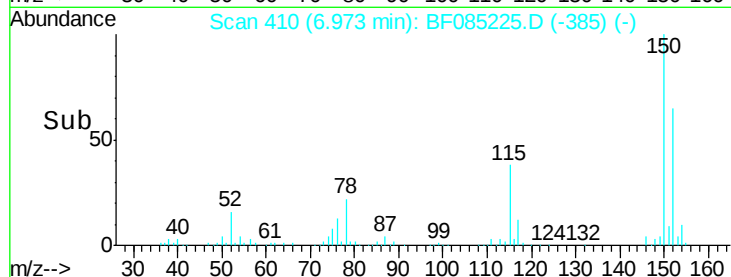
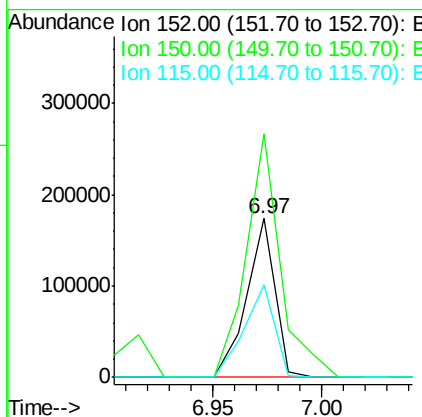
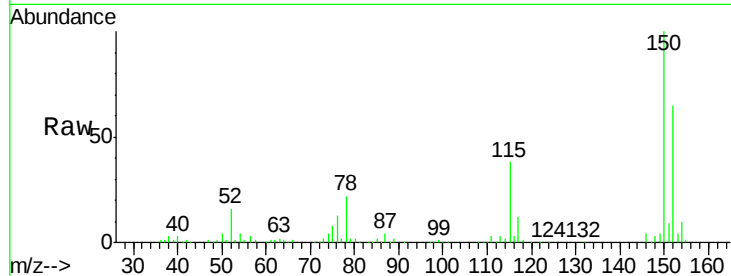
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF085225.D
Acq: 5 Mar 2016 1:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.6	186.8
115	58.4	46.6	70.0

Manual Integrations
APPROVED

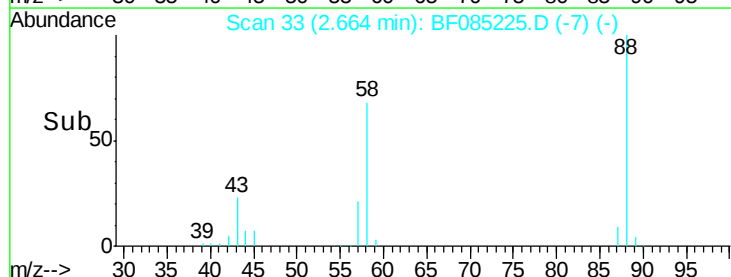
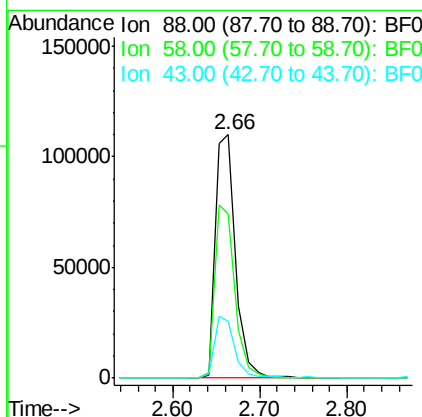
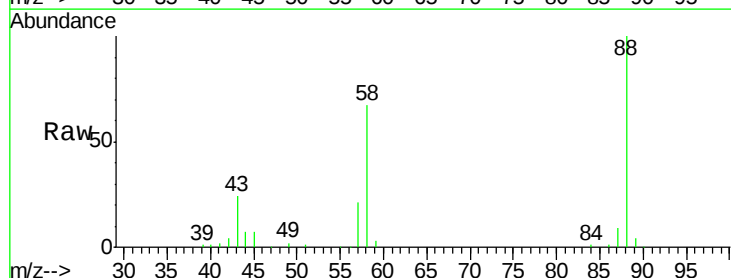
UMANGI
3/7/2016 3:30:51 PM

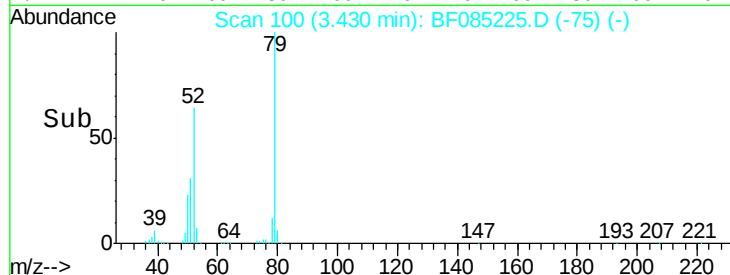
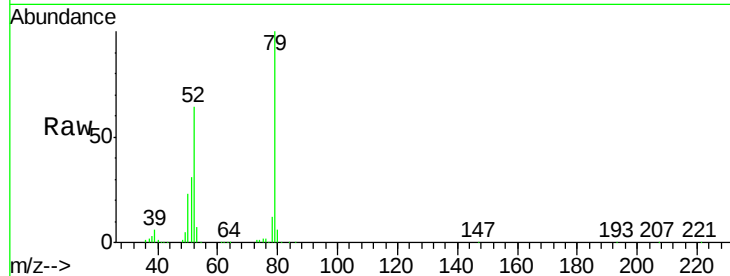
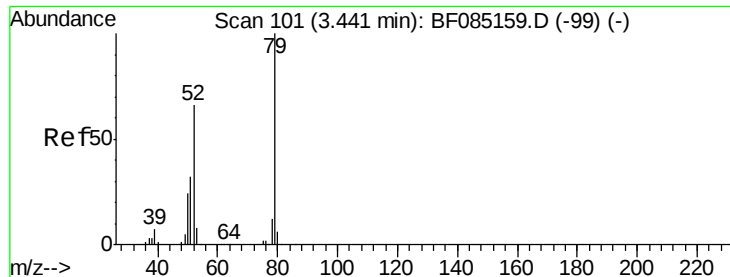


#2

1,4-Dioxane
Concen: 37.79 ng
RT: 2.66 min Scan# 33
Delta R.T. 0.00 min
Lab File: BF085225.D
Acq: 5 Mar 2016 1:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.5	57.0	85.6
43	24.5	20.5	30.7





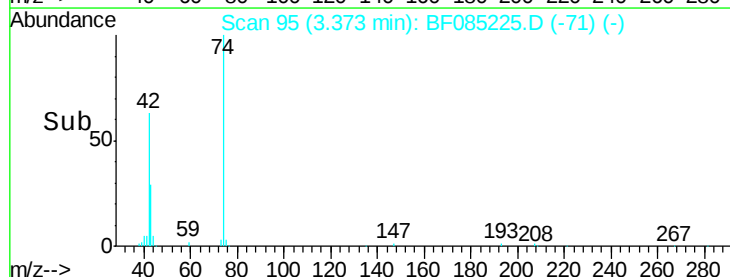
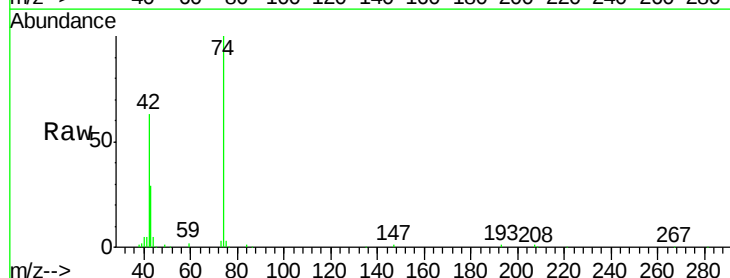
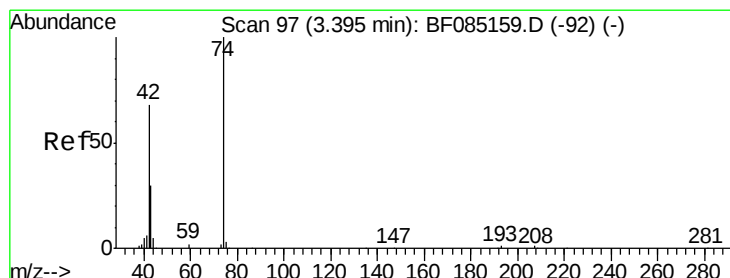
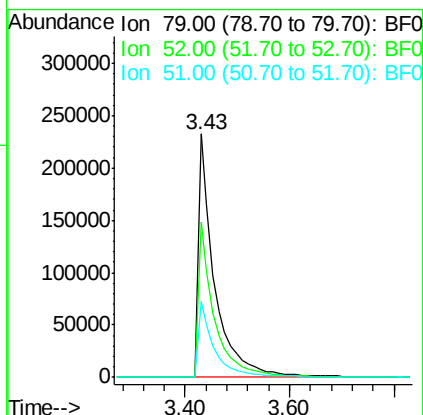
#3
 Pvridine
 Concen: 42.20 ng
 RT: 3.43 min Scan# 100
 Delta R.T. -0.01 min
 Lab File: BF085225.D
 Acq: 5 Mar 2016 1:44

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.8	52.6	79.0
51	31.3	25.8	38.8

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

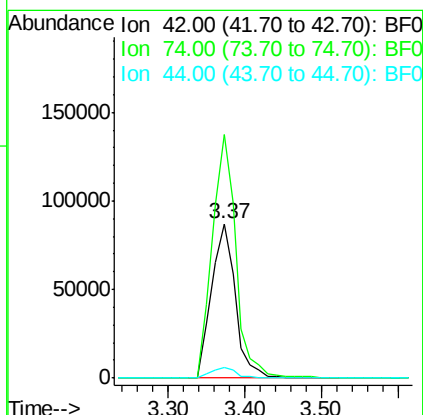
Manual Integrations
 APPROVED

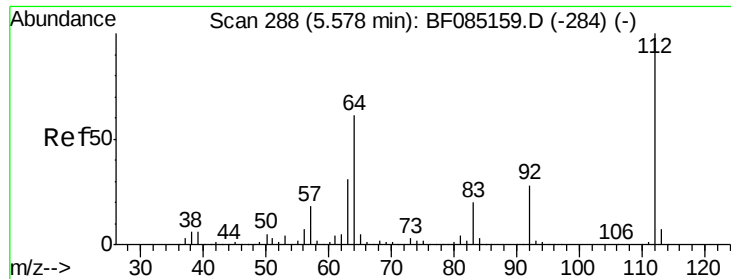
UMANGI
 3/7/2016 3:30:51 PM



#4
 n-Nitrosodimethylamine
 Concen: 36.96 ng
 RT: 3.37 min Scan# 95
 Delta R.T. -0.02 min
 Lab File: BF085225.D
 Acq: 5 Mar 2016 1:44

Tgt Ion	Ratio	Lower	Upper
42	100		
74	157.8	116.8	175.2
44	7.2	5.5	8.3





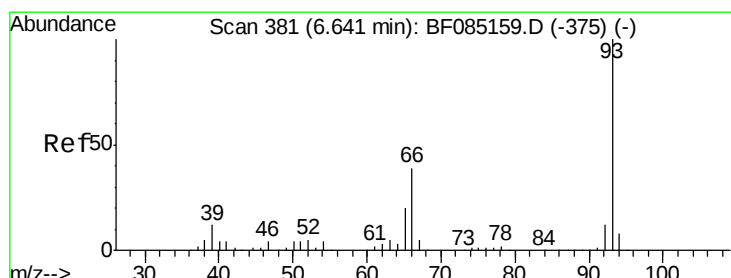
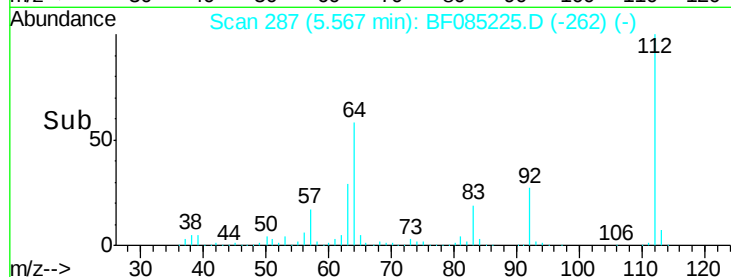
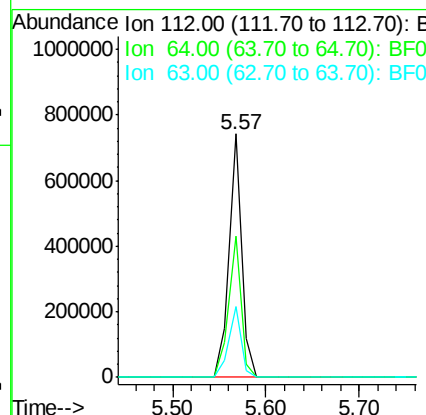
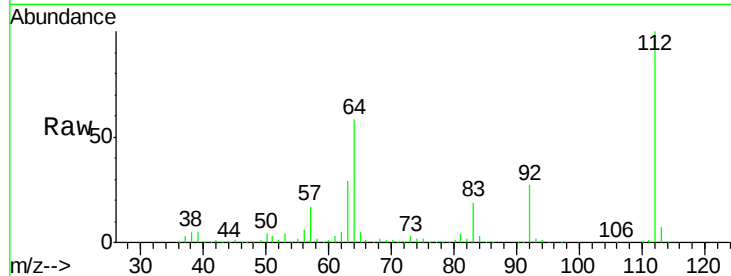
#5
2-Fluorophenol
Concen: 74.76 ng
RT: 5.57 min Scan# 287
Delta R.T. -0.01 min
Lab File: BF085225.D
Acq: 5 Mar 2016 1:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	58.2	49.0	73.4
63	29.3	24.8	37.2

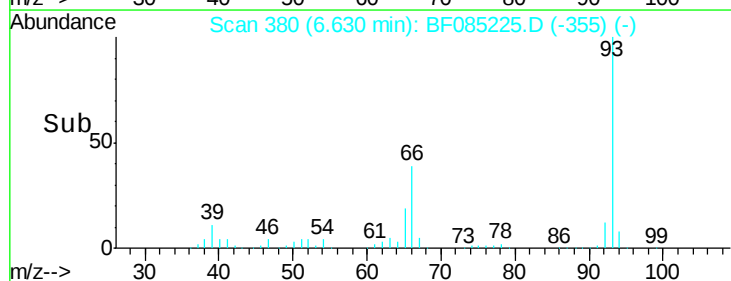
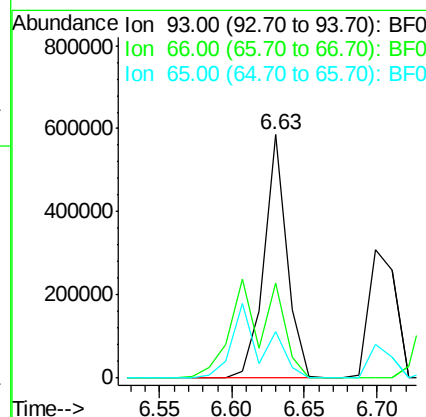
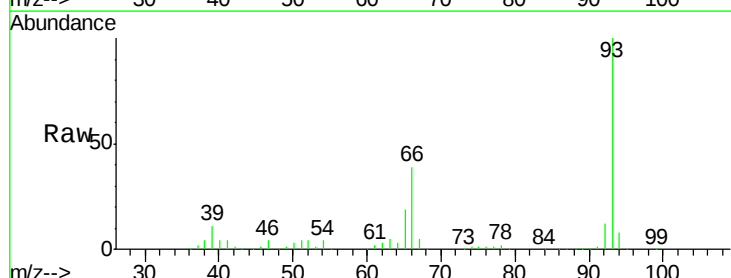
Manual Integrations
APPROVED

UMANGI
3/7/2016 3:30:51 PM



#6
Aniline
Concen: 37.37 ng
RT: 6.63 min Scan# 380
Delta R.T. -0.01 min
Lab File: BF085225.D
Acq: 5 Mar 2016 1:44

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	39.1	31.6	47.4
65	19.1	15.8	23.8





#7

Phenol-d6

Concen: 79.45 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085225.D

Acq: 5 Mar 2016 1:44

Instrument :

BNA_F

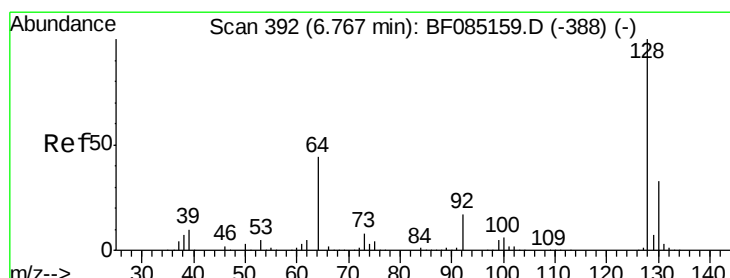
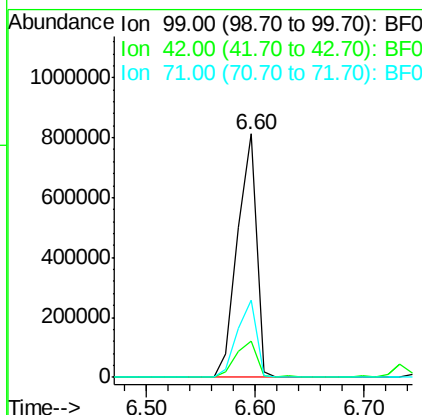
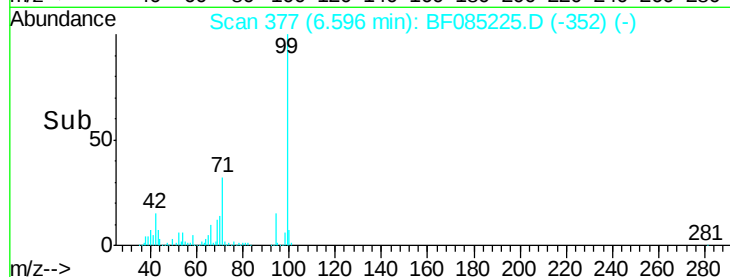
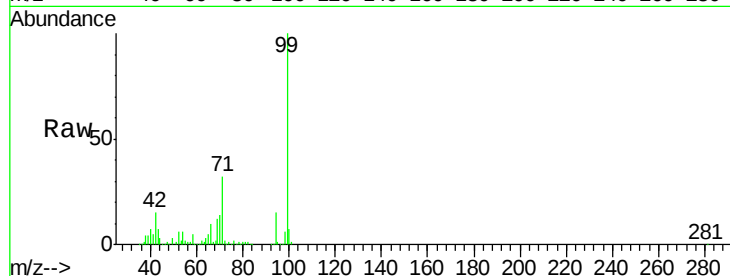
ClientSampleId :

SSTDCCC040EC

Tot Ion:	99	Resp:	970532
Ion Ratio	Lower	Upper	
99	100		
42	14.8	13.6	20.4
71	31.7	26.7	40.1

Manual Integrations
APPROVED

UMANGI
3/7/2016 3:30:51 PM



#8

2-Chlorophenol

Concen: 39.92 ng

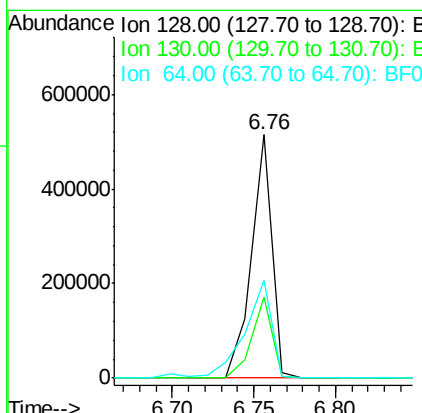
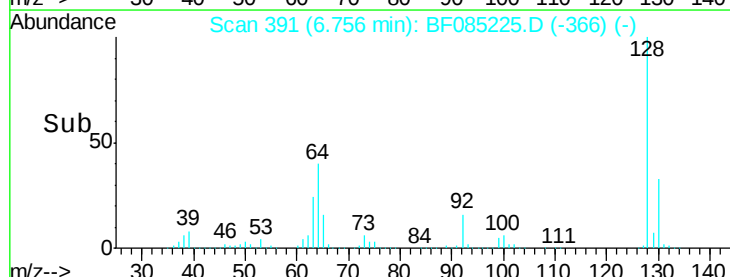
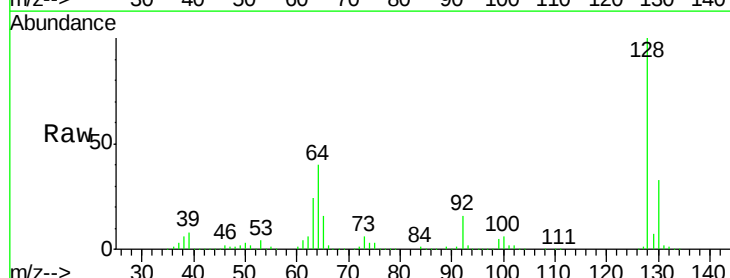
RT: 6.76 min Scan# 391

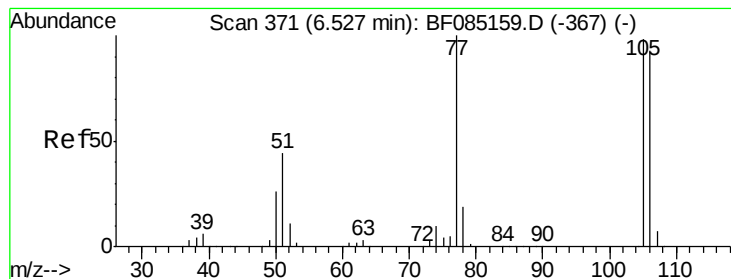
Delta R.T. -0.01 min

Lab File: BF085225.D

Acq: 5 Mar 2016 1:44

Tgt Ion:	128	Resp:	448137
Ion Ratio	Lower	Upper	
128	100		
130	33.2	13.3	53.3
64	40.2	25.7	65.7





#9

Benzaldehyde

Concen: 41.68 ng

RT: 6.52 min Scan# 370

Delta R.T. -0.01 min

Lab File: BF085225.D

Acq: 5 Mar 2016 1:44

Instrument :

BNA_F

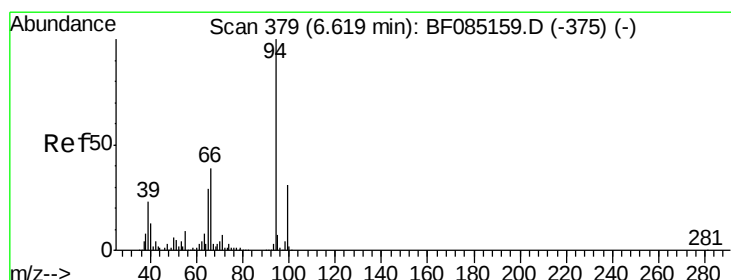
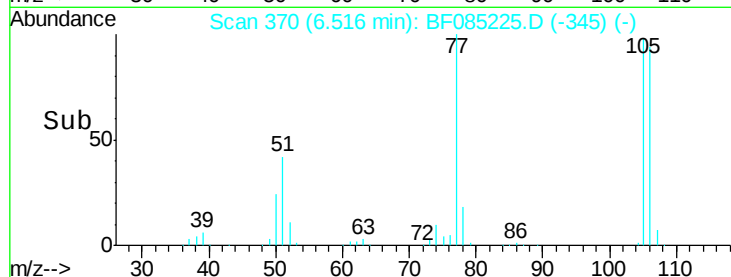
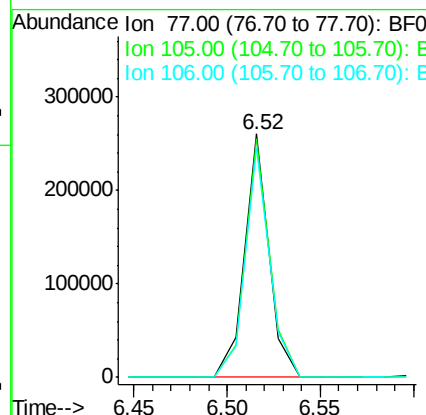
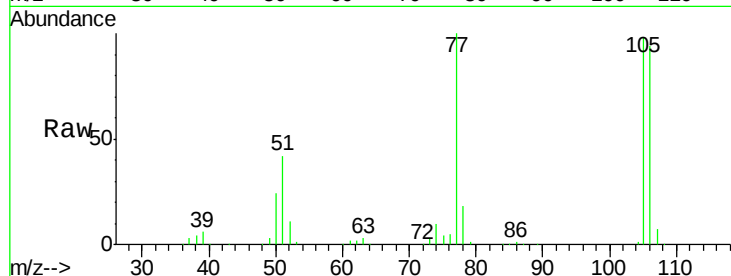
ClientSampleId :

SSTDCCC040EC

Tot Ion:	77	Resp:	236971
Ion	Ratio	Lower	Upper
77	100		
105	97.9	78.2	118.2
106	94.4	72.9	112.9

Manual Integrations
APPROVED

UMANGI
3/7/2016 3:30:51 PM



#10

Phenol

Concen: 44.46 ng m

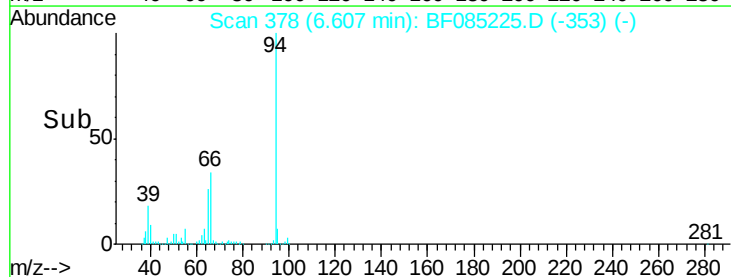
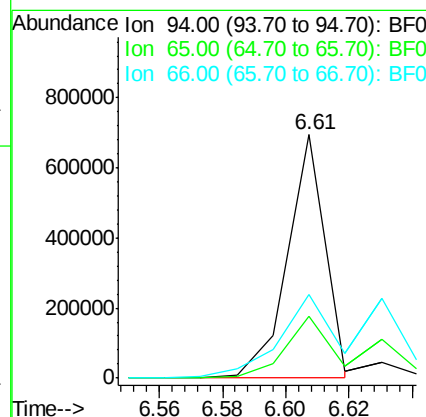
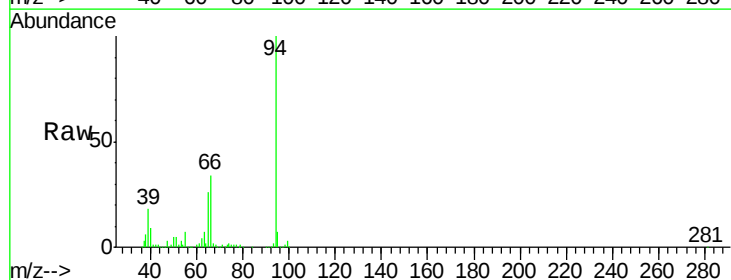
RT: 6.61 min Scan# 378

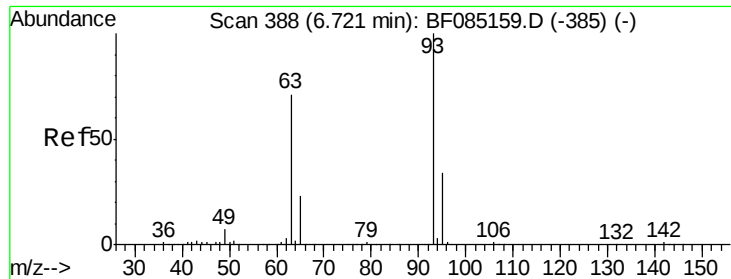
Delta R.T. -0.01 min

Lab File: BF085225.D

Acq: 5 Mar 2016 1:44

Tgt Ion:	94	Resp:	581666
Ion	Ratio	Lower	Upper
94	100		
65	25.6	9.1	49.1
66	34.1	19.3	59.3





#11

bis(2-Chloroethyl)ether

Concen: 36.12 ng

RT: 6.70 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF085225.D

Acq: 5 Mar 2016 1:44

Instrument :

BNA_F

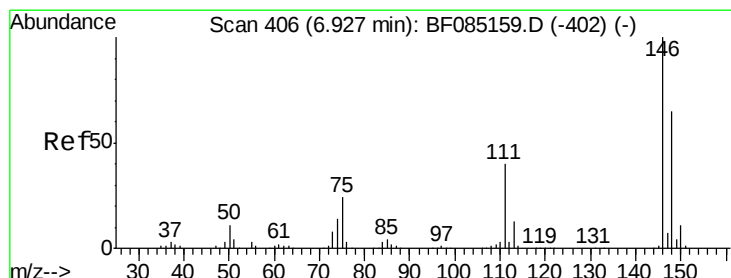
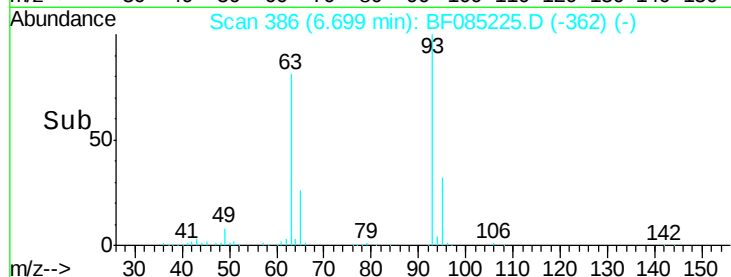
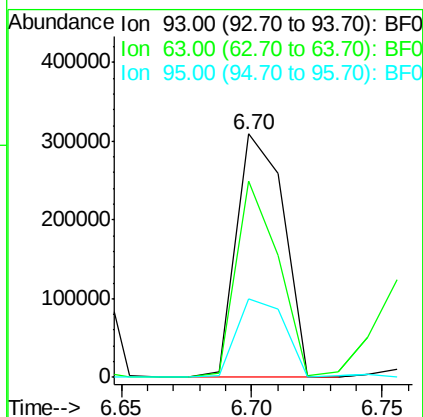
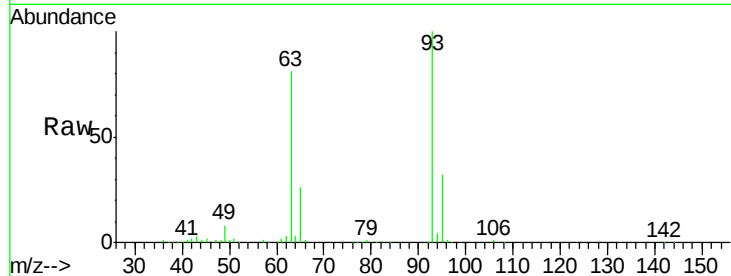
ClientSampleId :

SSTDCCC040EC

Tot Ion:	93	Resp:	392562
Ion Ratio	Lower	Upper	
93	100		
63	80.8	50.9	90.9
95	32.2	13.7	53.7

Manual Integrations
APPROVED

UMANGI
3/7/2016 3:30:51 PM



#12

1,3-Dichlorobenzene

Concen: 39.31 ng

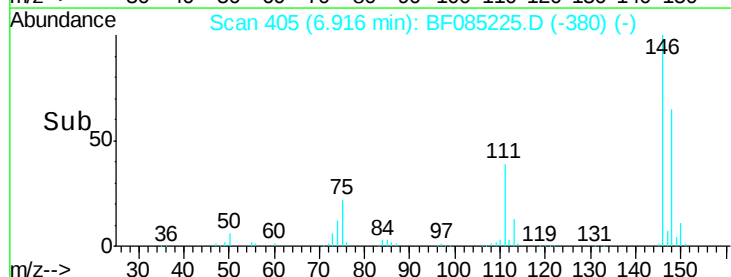
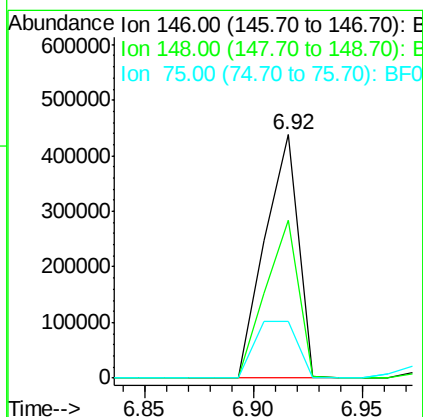
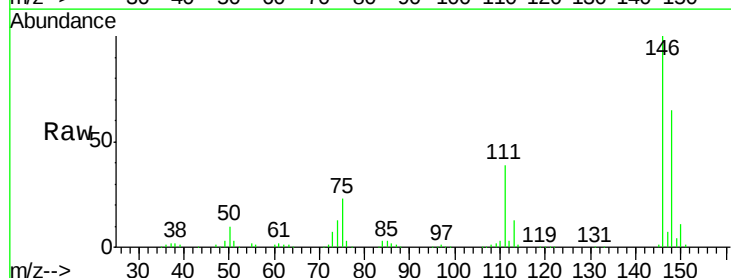
RT: 6.92 min Scan# 405

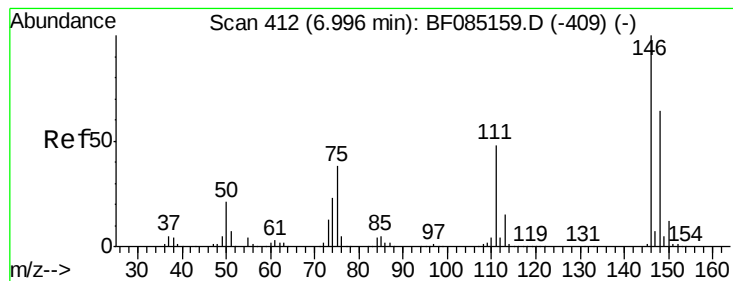
Delta R.T. -0.01 min

Lab File: BF085225.D

Acq: 5 Mar 2016 1:44

Tgt Ion:	146	Resp:	473711
Ion Ratio	Lower	Upper	
146	100		
148	64.8	52.1	78.1
75	23.4	19.5	29.3





#13

1,4-Dichlorobenzene

Concen: 37.72 ng

RT: 6.98 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF085225.D

Acq: 5 Mar 2016 1:44

Instrument :

BNA_F

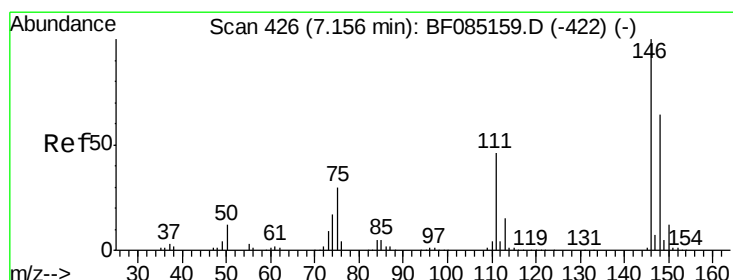
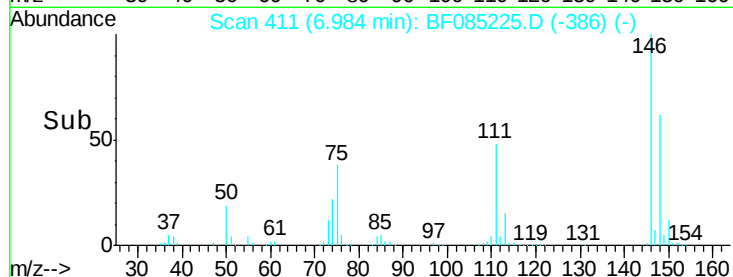
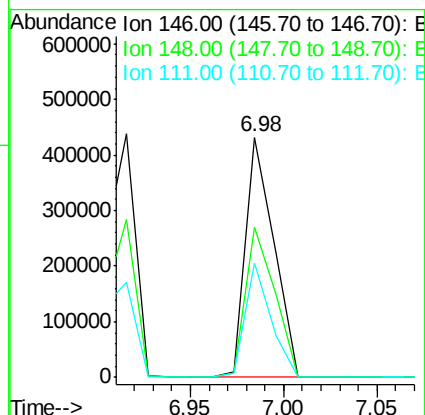
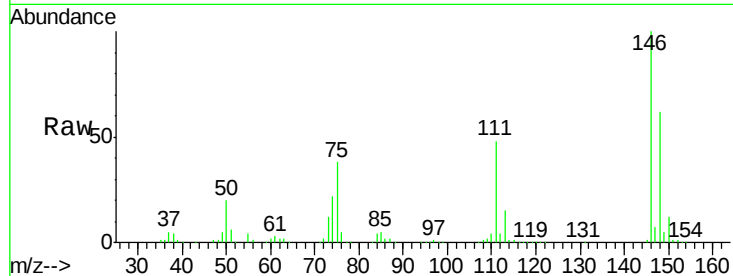
ClientSampleId :

SSTDCCC040EC

Tot Ion:	146	Resp:	455569
Ion Ratio	Lower	Upper	
146	100		
148	62.4	51.3	76.9
111	47.5	38.4	57.6

Manual Integrations
APPROVED

UMANGI
3/7/2016 3:30:51 PM



#14

1,2-Dichlorobenzene

Concen: 41.88 ng

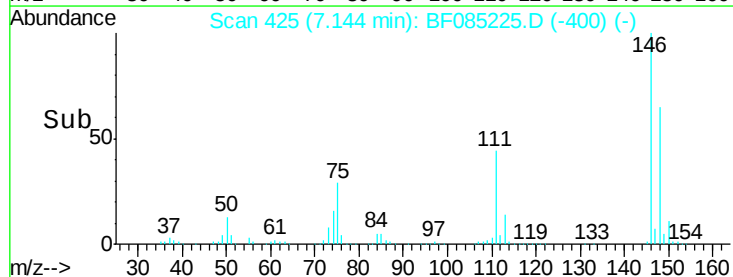
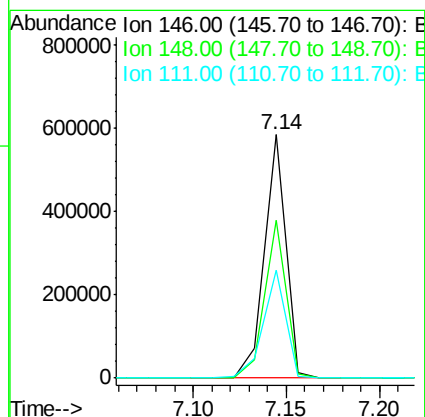
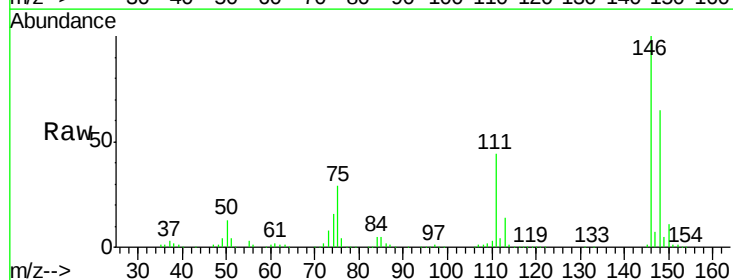
RT: 7.14 min Scan# 425

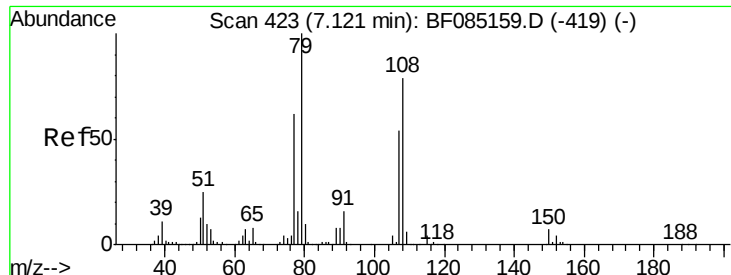
Delta R.T. -0.01 min

Lab File: BF085225.D

Acq: 5 Mar 2016 1:44

Tgt Ion:	146	Resp:	458950
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.4	77.2
111	44.2	36.7	55.1





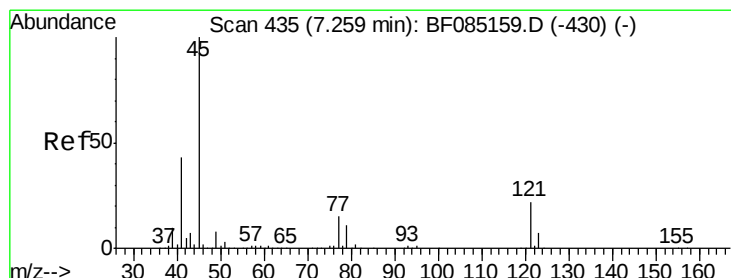
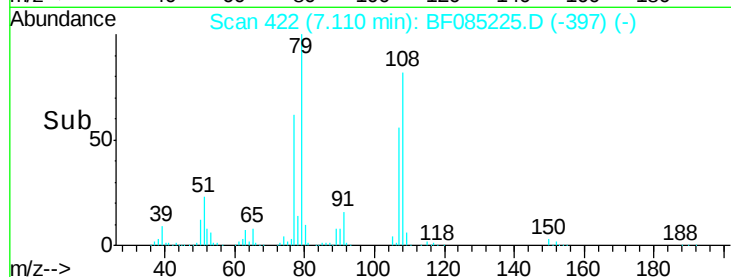
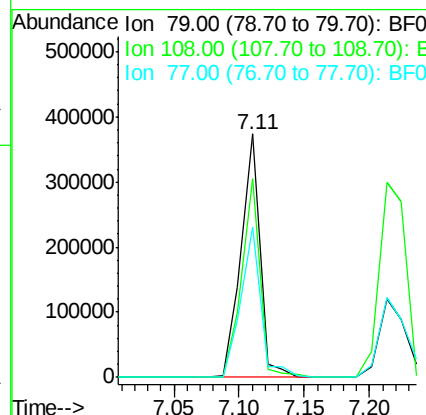
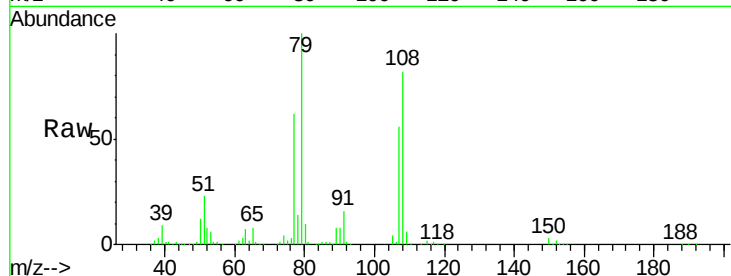
#15
Benzyl Alcohol
Concen: 42.01 ng
RT: 7.11 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF085225.D
Acq: 5 Mar 2016 1:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.8	62.9	94.3
77	61.8	49.5	74.3

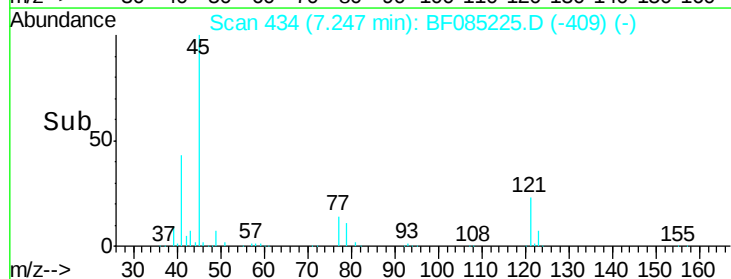
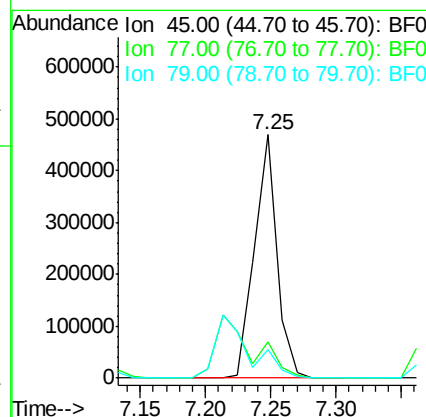
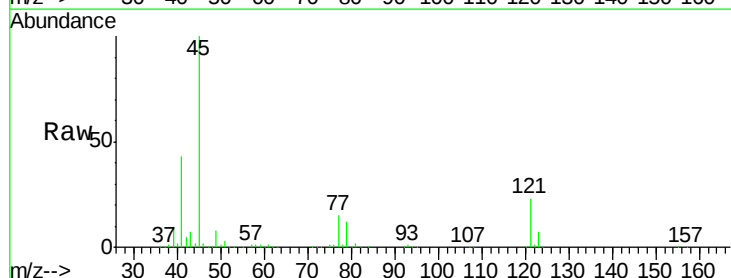
Manual Integrations
APPROVED

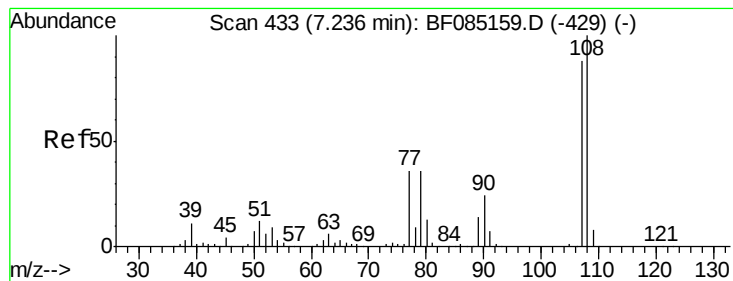
UMANGI
3/7/2016 3:30:51 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.09 ng
RT: 7.25 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF085225.D
Acq: 5 Mar 2016 1:44

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	35.1
79	11.7	0.0	31.3





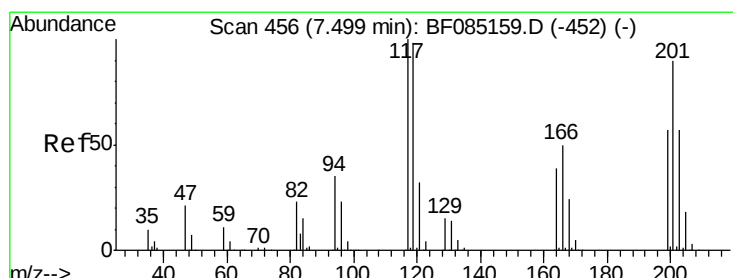
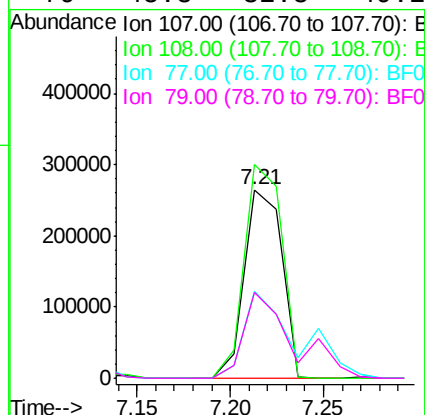
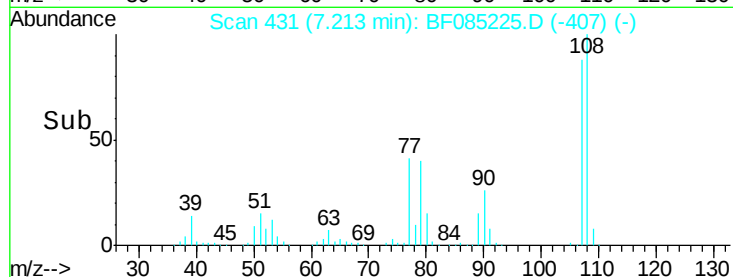
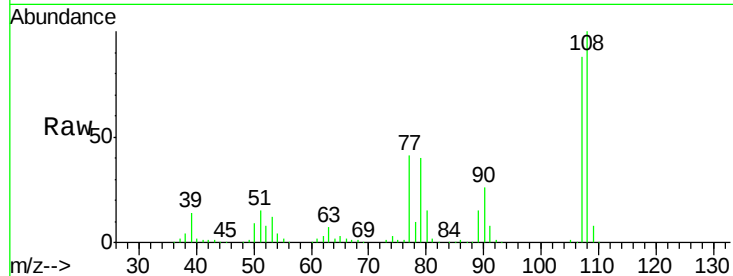
#17
2-Methylphenol
Concen: 40.39 ng
RT: 7.21 min Scan# 431
Delta R.T. -0.02 min
Lab File: BF085225.D
Acq: 5 Mar 2016 1:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	369919		
108	108.00	113.4		90.9	136.3
77	77.00	46.0		32.6	48.8
79	79.00	45.8		32.8	49.2

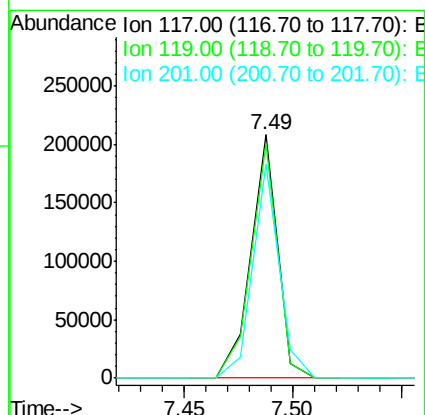
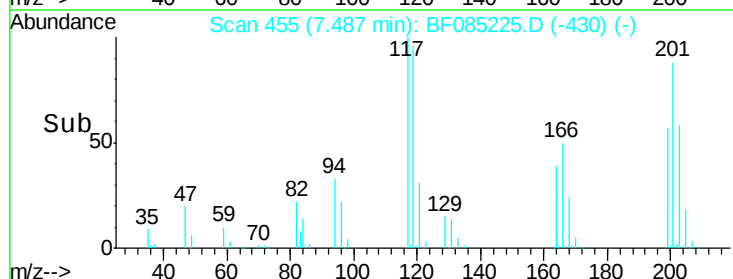
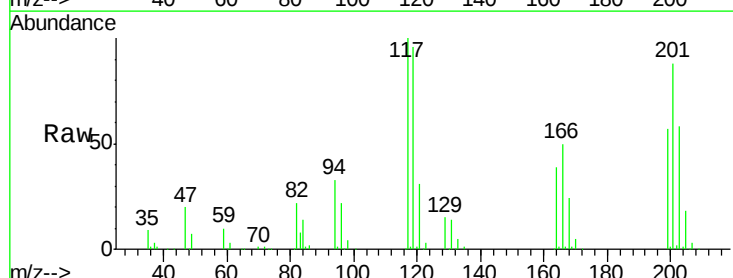
Manual Integrations
APPROVED

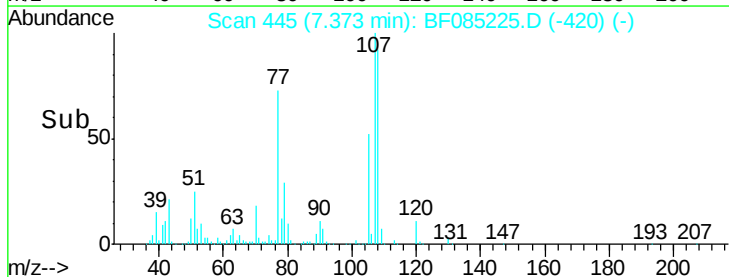
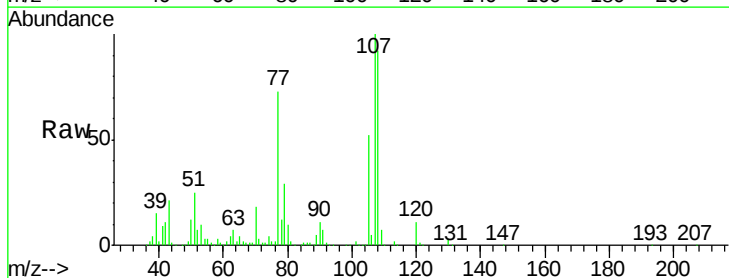
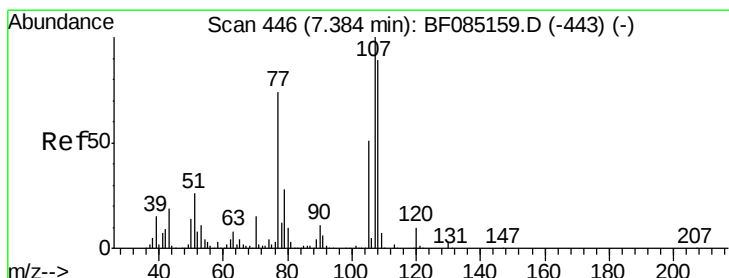
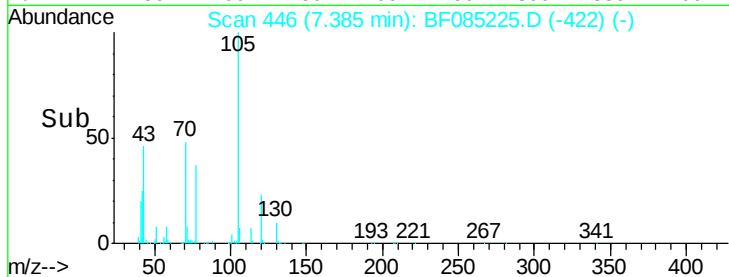
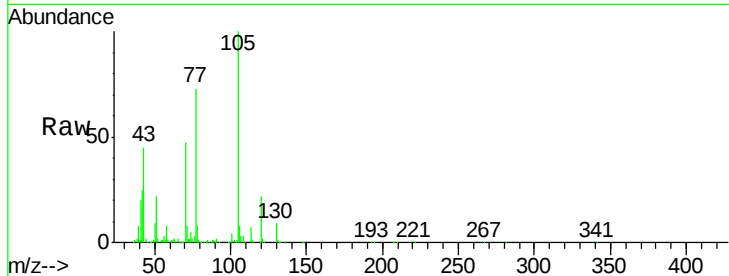
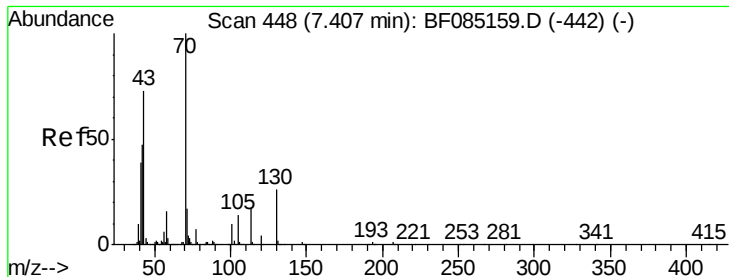
UMANGI
3/7/2016 3:30:51 PM



#18
Hexachloroethane
Concen: 39.82 ng
RT: 7.49 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF085225.D
Acq: 5 Mar 2016 1:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	177447		
119	119.00	96.3		78.2	117.4
201	201.00	88.2		72.0	108.0





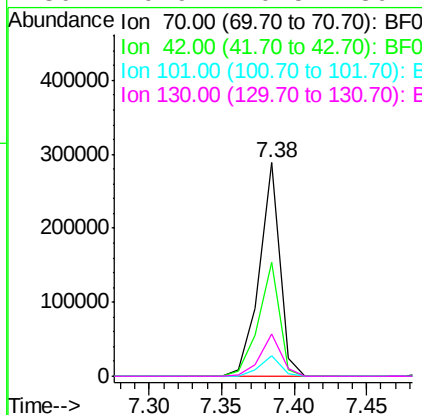
#19
n-Nitroso-di-n-propylamine
Concen: 35.73 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF085225.D
Acq: 5 Mar 2016 1:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	53.1	37.7	56.5		
101	9.3	8.2	12.4		
130	19.9	20.5	30.7#		

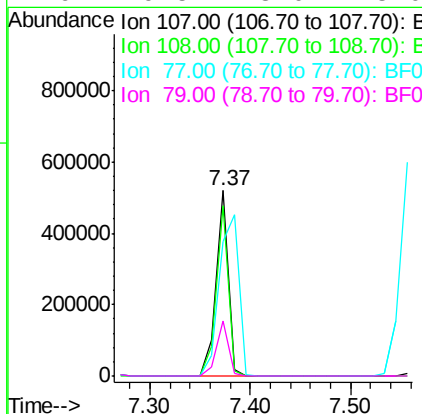
Manual Integrations
APPROVED

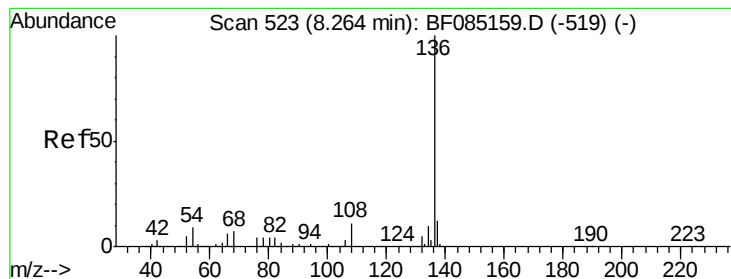
UMANGI
3/7/2016 3:30:51 PM



#20
3+4-Methylphenols
Concen: 40.62 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF085225.D
Acq: 5 Mar 2016 1:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	92.0	68.8	108.8		
77	72.7	53.6	93.6		
79	29.5	8.0	48.0		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF085225.D

Acq: 5 Mar 2016 1:44

Instrument :

BNA_F

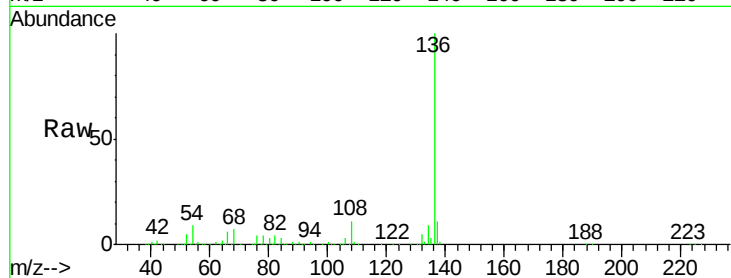
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		610794		
137	11.5		9.3	13.9	
54	9.0		7.4	11.2	
68	7.5		6.0	9.0	

Manual Integrations
APPROVED

UMANGI
3/7/2016 3:30:51 PM

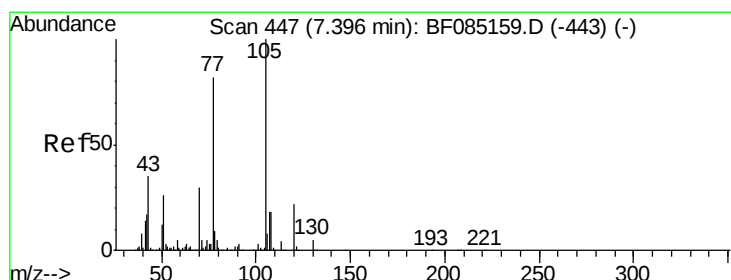
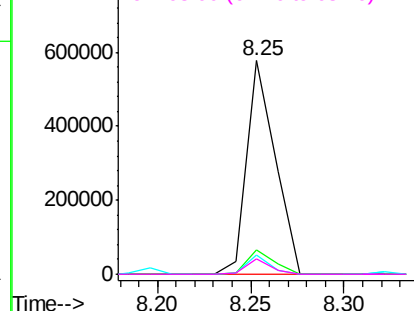
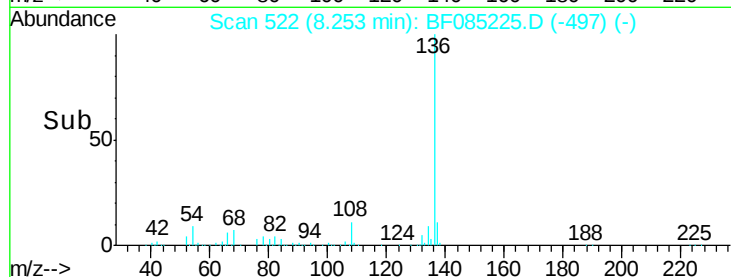


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.42 ng

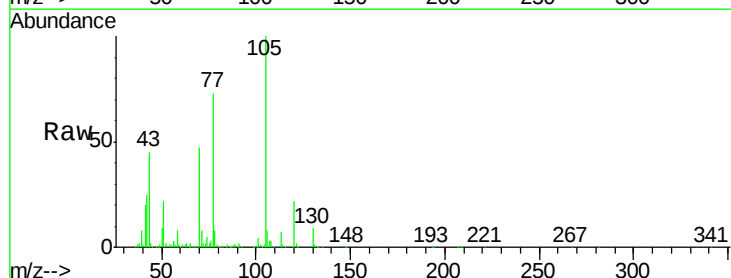
RT: 7.38 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF085225.D

Acq: 5 Mar 2016 1:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		632467		
71	7.9		4.1	6.1#	
51	21.5		21.1	31.7	
120	22.4		17.3	25.9	

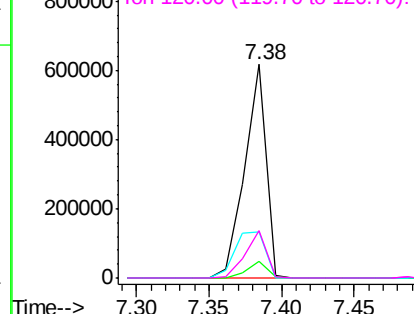
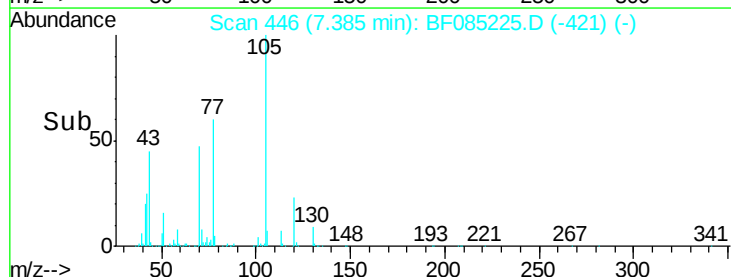


Abundance Ion 105.00 (104.70 to 105.70): E

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





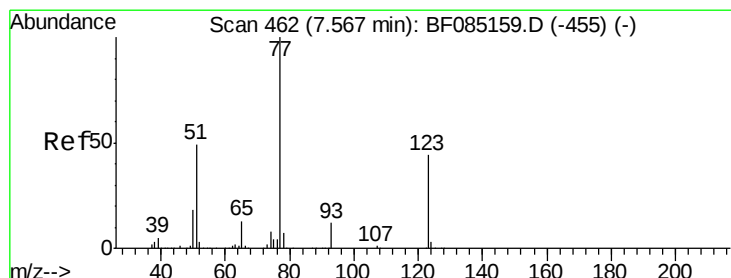
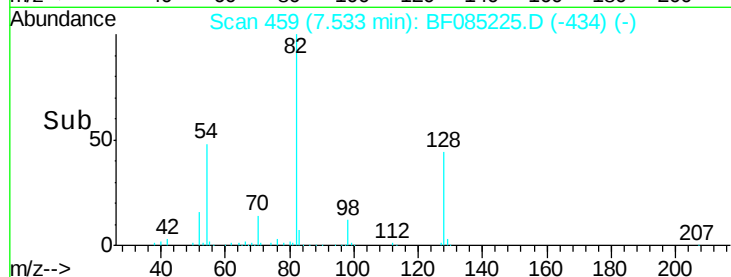
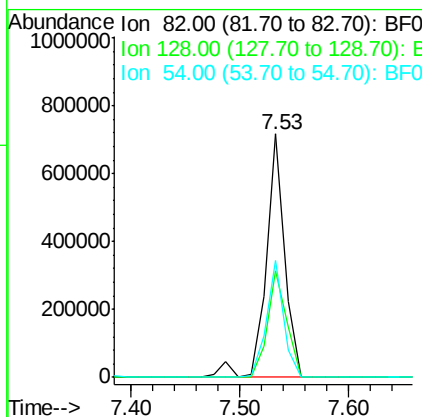
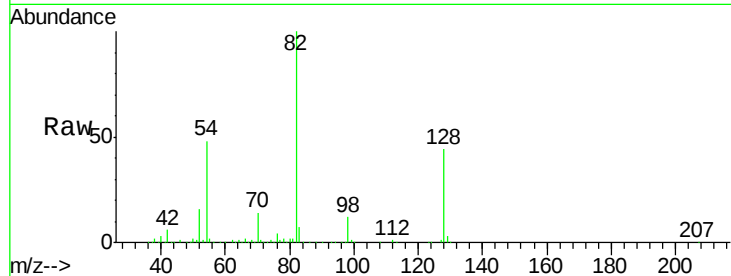
#23
Nitrobenzene-d5
Concen: 74.81 ng
RT: 7.53 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF085225.D
Acq: 5 Mar 2016 1:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.7	34.5	51.7	
54	47.8	39.3	58.9	

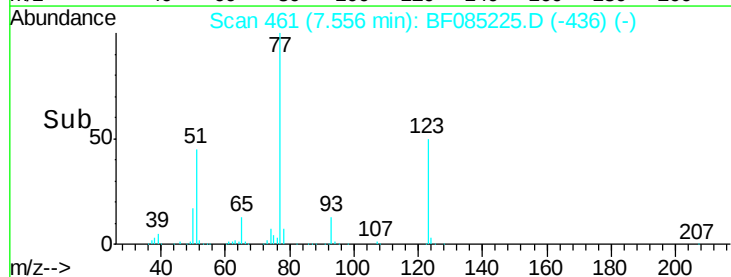
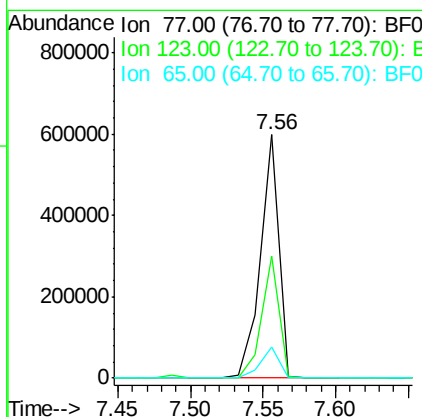
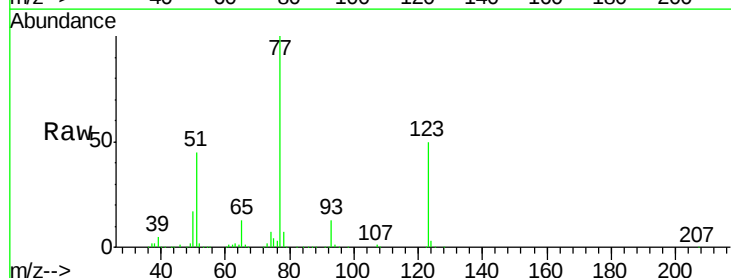
Manual Integrations
APPROVED

UMANGI
3/7/2016 3:30:51 PM



#24
Nitrobenzene
Concen: 45.39 ng
RT: 7.56 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF085225.D
Acq: 5 Mar 2016 1:44

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	50.1	35.4	53.2	
65	12.8	10.6	16.0	





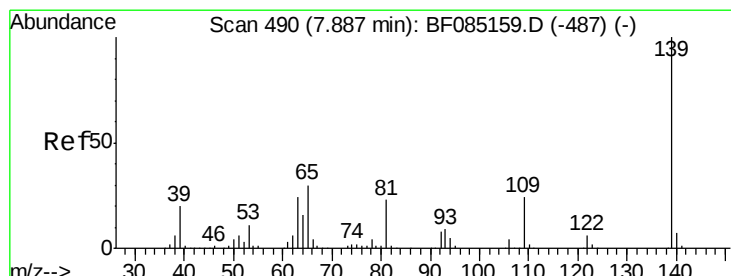
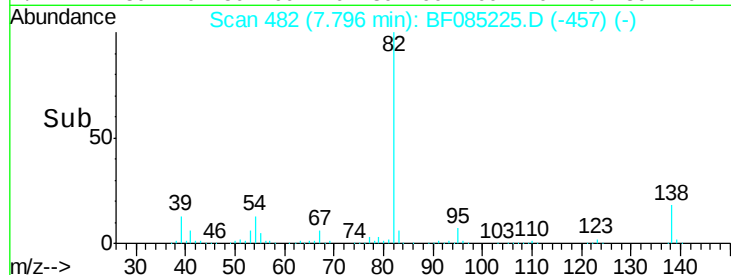
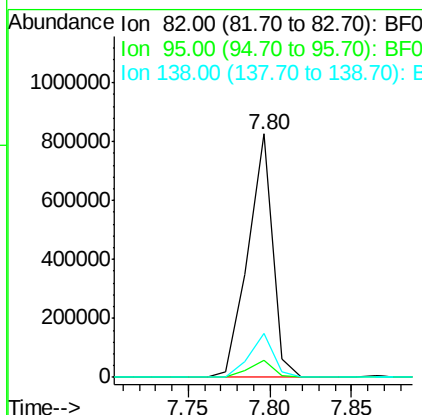
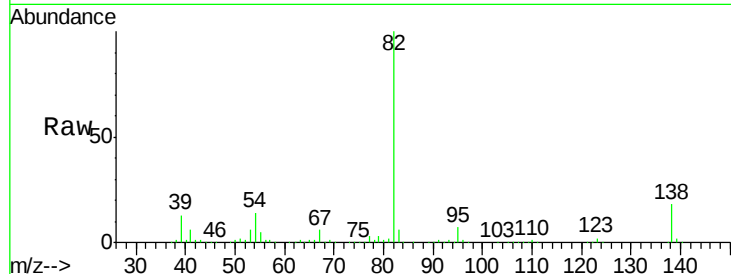
#25
Isophorone
Concen: 40.96 ng
RT: 7.80 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF085225.D
Acq: 5 Mar 2016 1:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
82	100	866326		
95	7.1		5.4	8.2
138	18.3		13.3	19.9

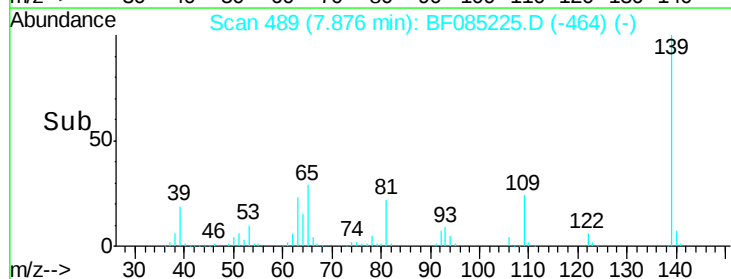
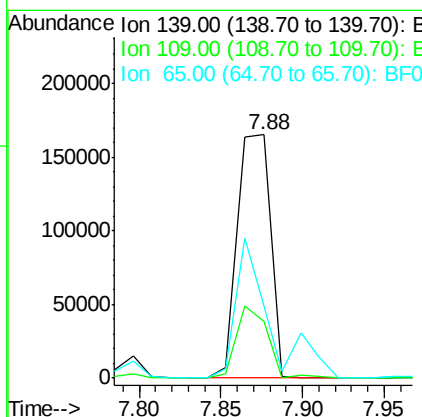
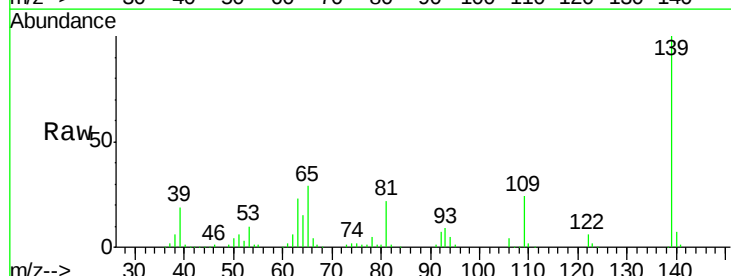
Manual Integrations
APPROVED

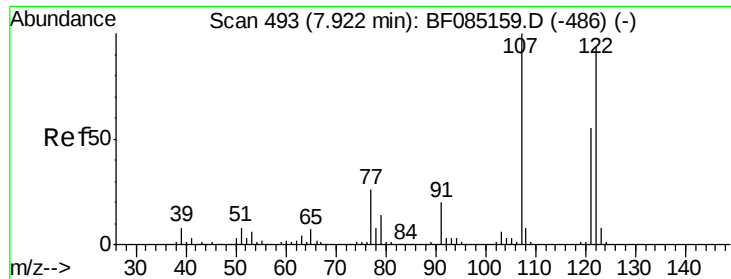
UMANGI
3/7/2016 3:30:51 PM



#26
2-Nitrophenol
Concen: 41.02 ng
RT: 7.88 min Scan# 489
Delta R.T. -0.01 min
Lab File: BF085225.D
Acq: 5 Mar 2016 1:44

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	231457		
109	23.5		19.1	28.7
65	29.4		23.9	35.9





#27

2,4-Dimethylphenol

Concen: 38.89 ng

RT: 7.90 min Scan# 491

Delta R.T. -0.02 min

Lab File: BF085225.D

Acq: 5 Mar 2016 1:44

Instrument :

BNA_F

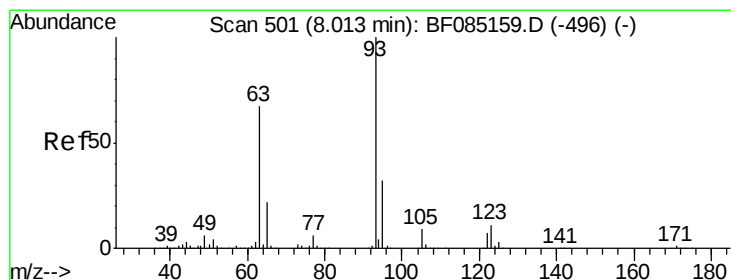
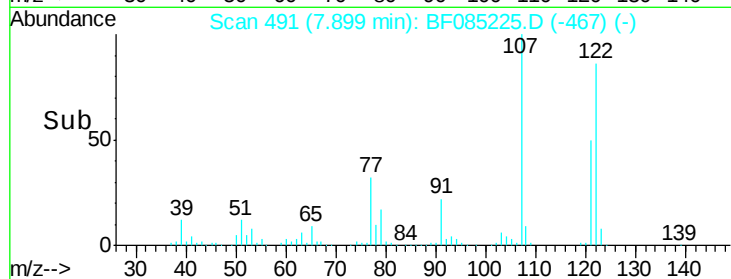
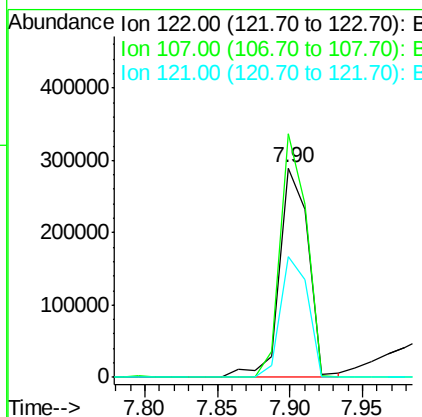
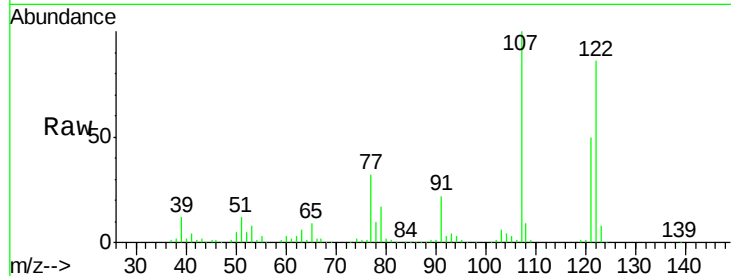
ClientSampleId :

SSTDCCC040EC

Tot Ion:	122	Resp:	401071
Ion Ratio	Lower	Upper	
122	100		
107	116.4	84.8	127.2
121	57.8	47.0	70.6

Manual Integrations
APPROVED

UMANGI
3/7/2016 3:30:51 PM



#28

bis(2-Chloroethoxy)methane

Concen: 40.92 ng

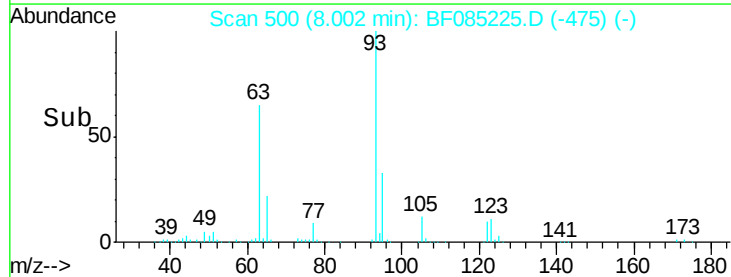
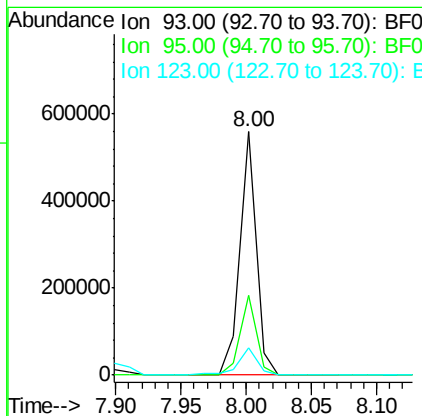
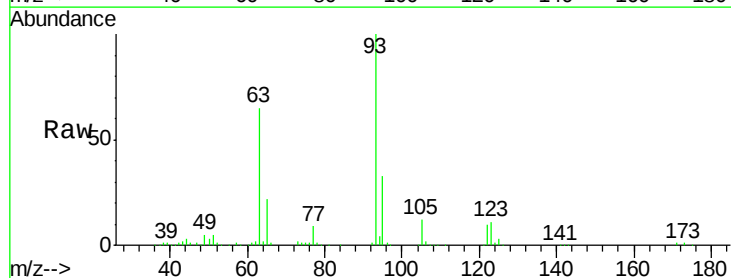
RT: 8.00 min Scan# 500

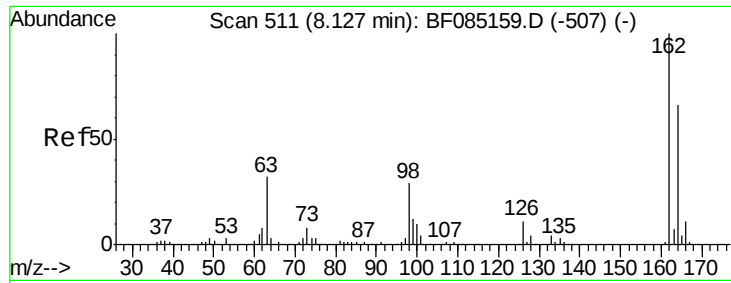
Delta R.T. -0.01 min

Lab File: BF085225.D

Acq: 5 Mar 2016 1:44

Tgt Ion:	93	Resp:	482087
Ion Ratio	Lower	Upper	
93	100		
95	32.7	25.9	38.9
123	11.2	8.8	13.2





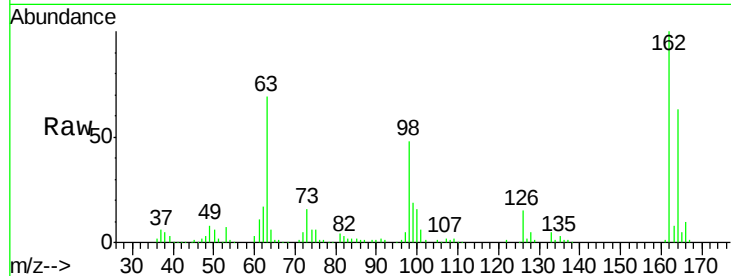
#29
 2,4-Dichlorophenol
 Concen: 39.82 ng
 RT: 8.10 min Scan# 509
 Delta R.T. -0.02 min
 Lab File: BF085225.D
 Acq: 5 Mar 2016 1:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

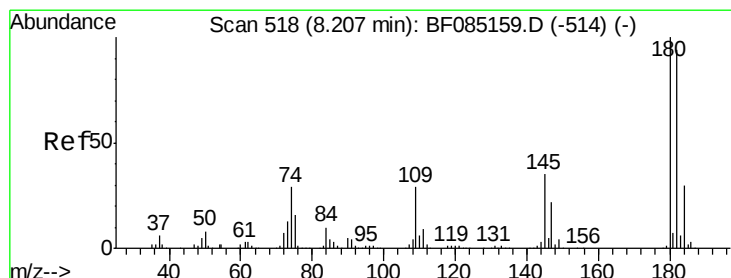
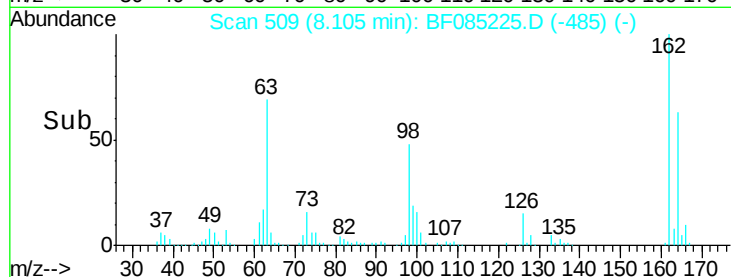
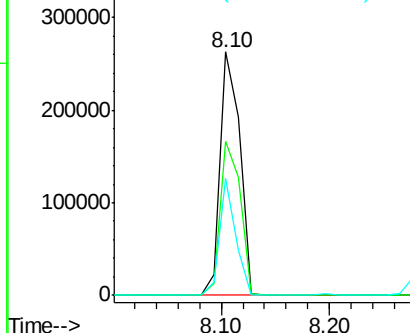
Tot Ion	Ratio	Resp	Lower	Upper
162	100	331186		
164	63.3	45.7	85.7	
98	47.8	9.4	49.4	

Manual Integrations
 APPROVED

UMANGI
 3/7/2016 3:30:51 PM

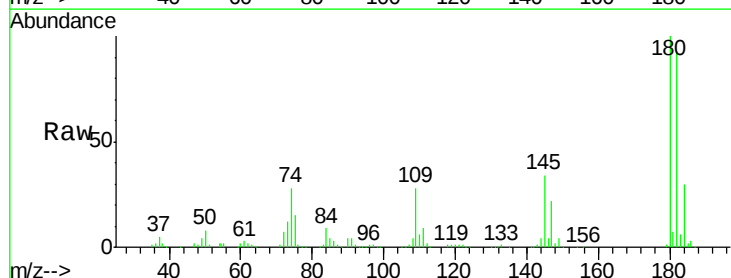


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

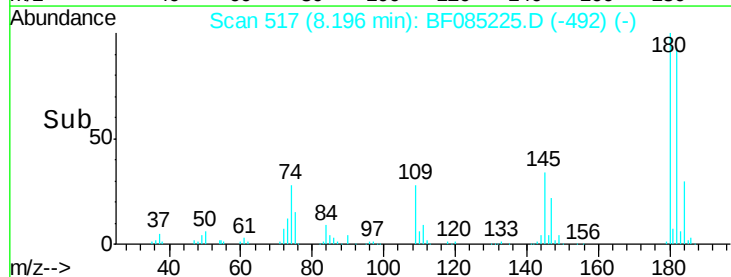
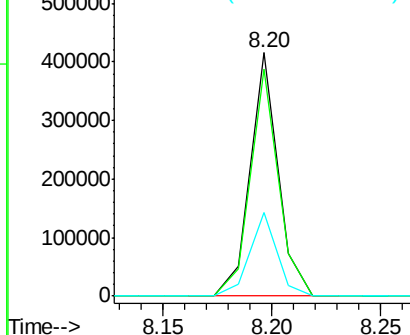


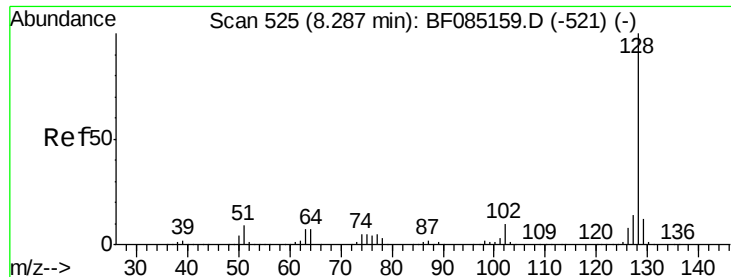
#30
 1,2,4-Trichlorobenzene
 Concen: 41.20 ng
 RT: 8.20 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF085225.D
 Acq: 5 Mar 2016 1:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	370460		
182	93.0	74.9	112.3	
145	34.3	27.9	41.9	



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





#31

Naphthalene

Concen: 38.64 ng

RT: 8.28 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF085225.D

Acq: 5 Mar 2016 1:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:128 Resp: 1160479

Ion Ratio Lower Upper

128 100

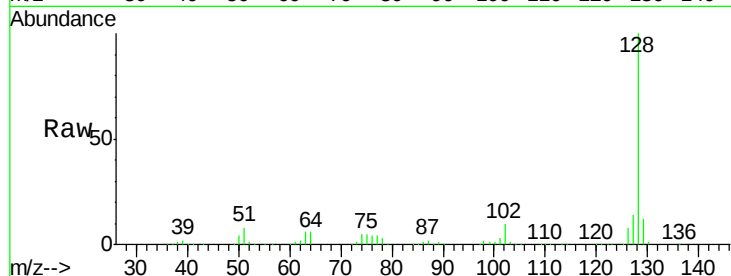
129 11.8 9.7 14.5

127 13.7 11.2 16.8

Manual Integrations
APPROVED

UMANGI

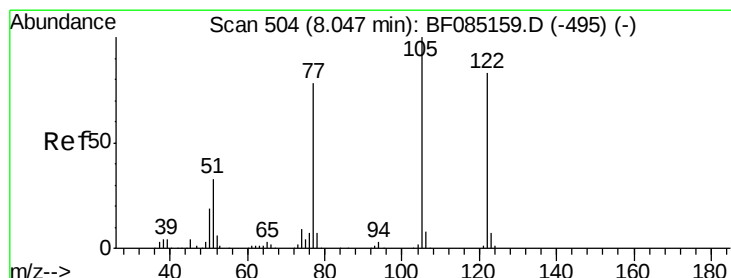
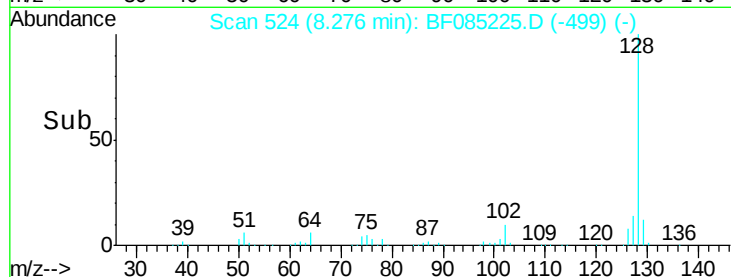
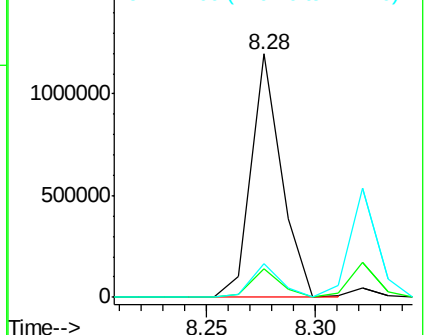
3/7/2016 3:30:51 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 28.33 ng m

RT: 8.00 min Scan# 500

Delta R.T. -0.05 min

Lab File: BF085225.D

Acq: 5 Mar 2016 1:44

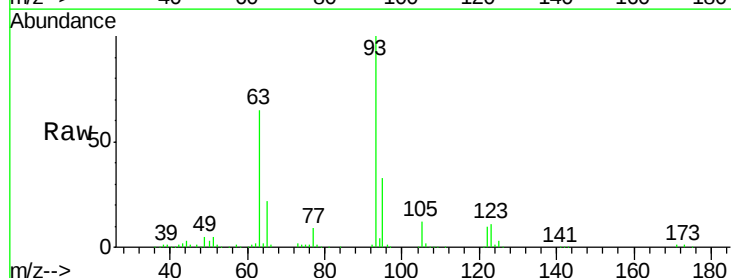
Tgt Ion:122 Resp: 194009

Ion Ratio Lower Upper

122 100

105 120.0 101.3 141.3

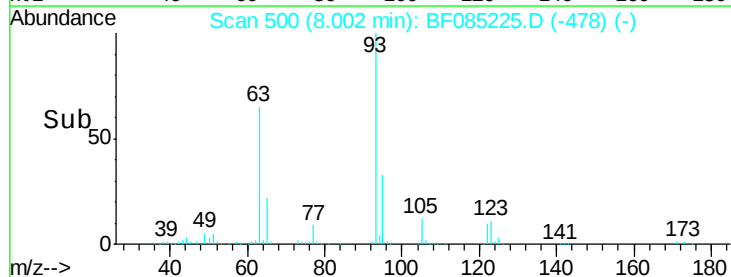
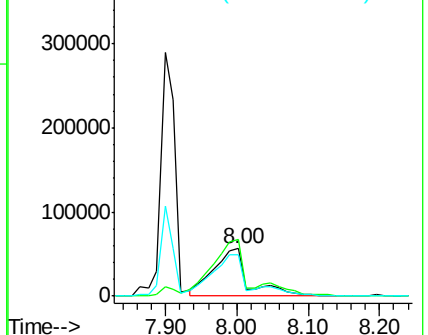
77 87.4 74.7 114.7

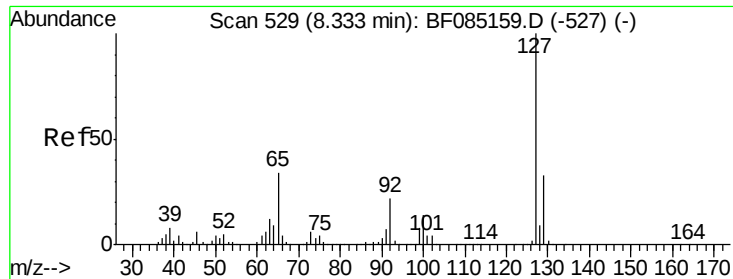


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





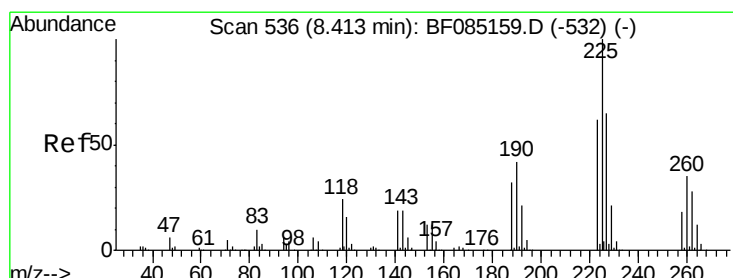
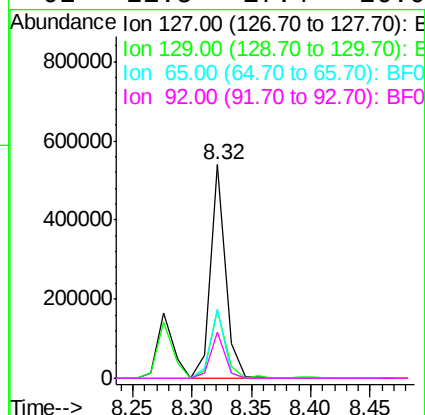
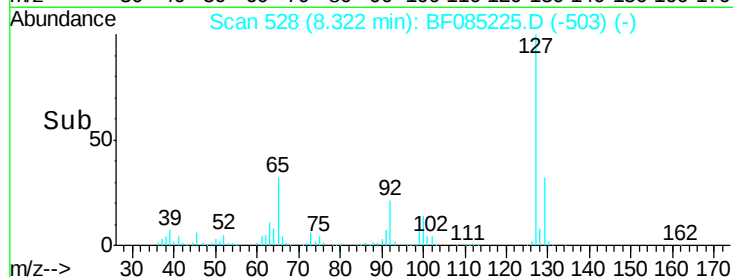
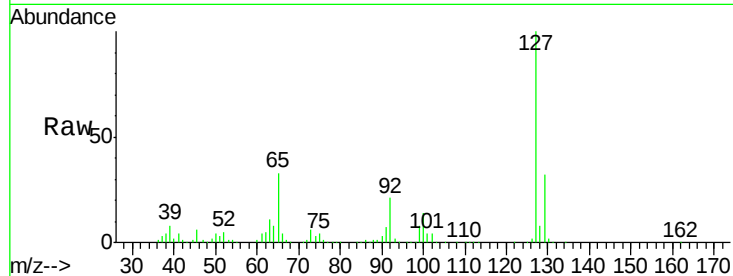
#33
4-Chloroaniline
Concen: 39.23 ng
RT: 8.32 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF085225.D
Acq: 5 Mar 2016 1:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	26.1	39.1		
65	32.6	27.0	40.6		
92	21.5	17.4	26.0		

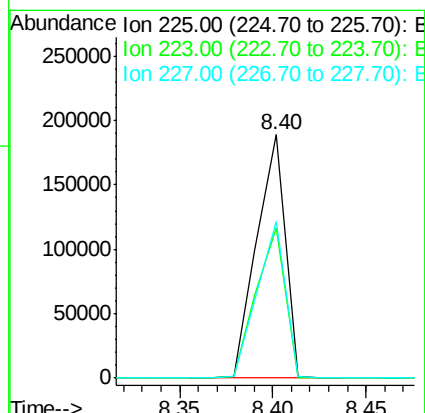
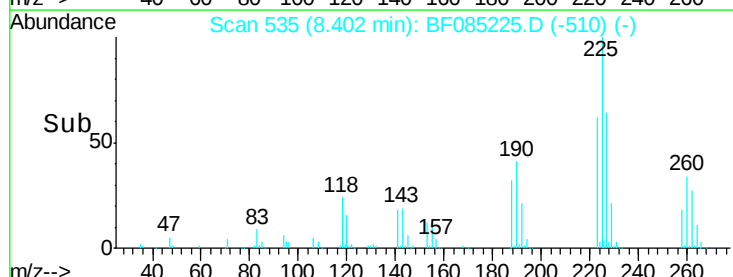
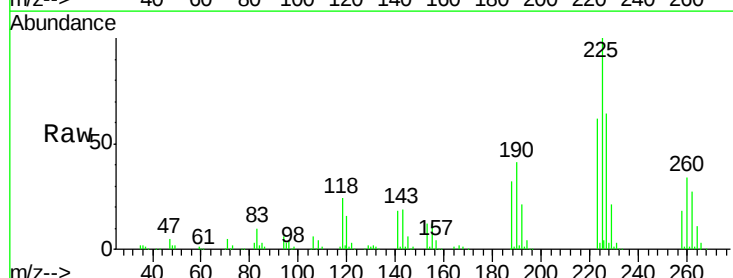
Manual Integrations
APPROVED

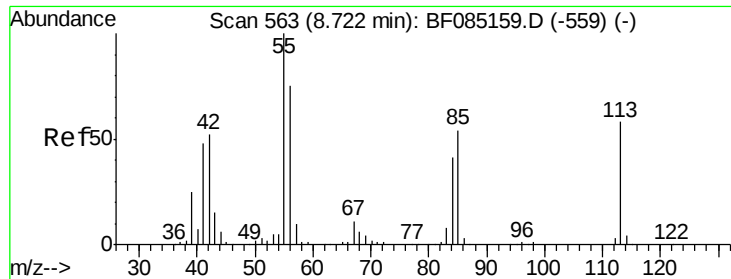
UMANGI
3/7/2016 3:30:51 PM



#34
Hexachlorobutadiene
Concen: 42.59 ng
RT: 8.40 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF085225.D
Acq: 5 Mar 2016 1:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.6	49.7	74.5		
227	64.4	52.2	78.4		





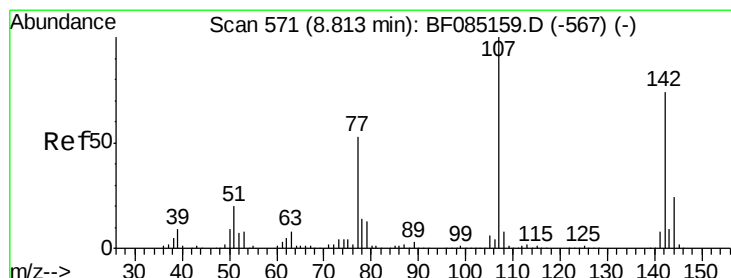
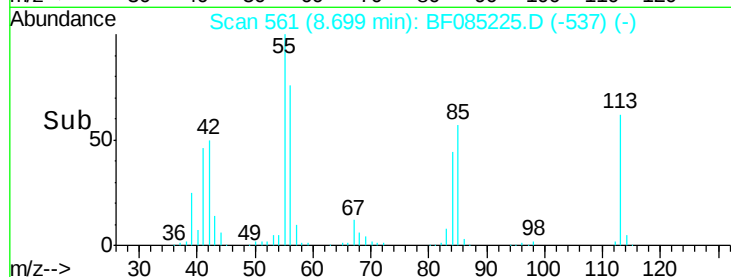
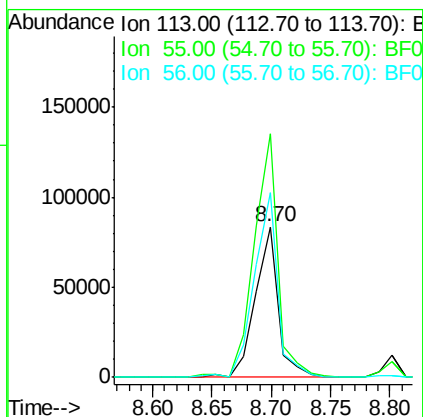
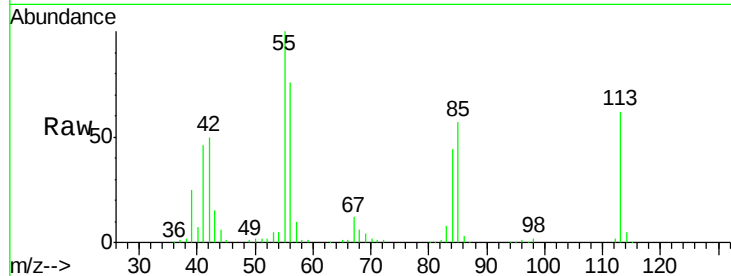
#35
Caprolactam
Concen: 41.53 ng
RT: 8.70 min Scan# 561
Delta R.T. -0.02 min
Lab File: BF085225.D
Acq: 5 Mar 2016 1:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:113 Resp: 112784
Ion Ratio Lower Upper
113 100
55 162.1 152.7 192.7
56 122.7 109.0 149.0

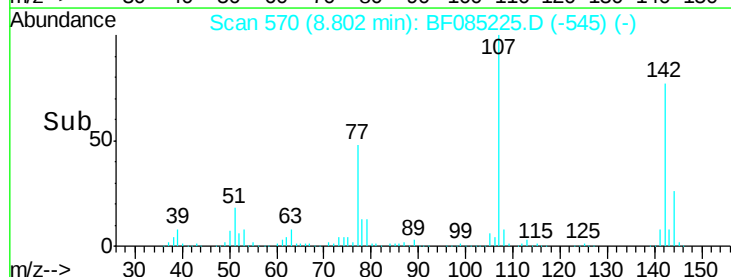
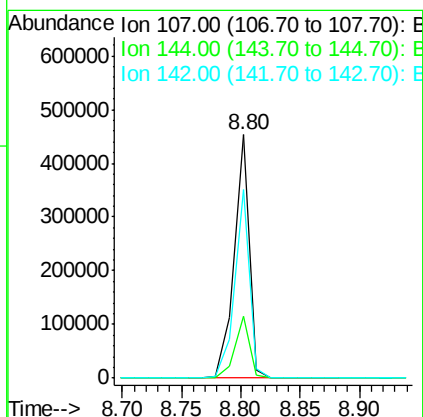
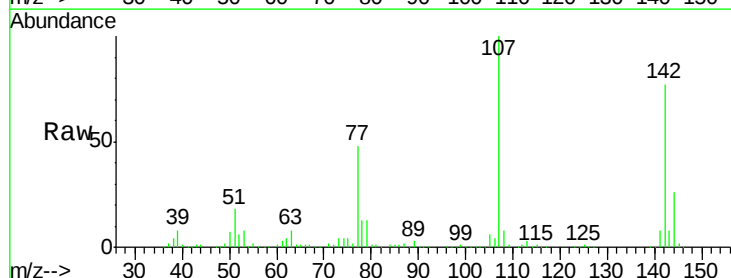
Manual Integrations
APPROVED

UMANGI
3/7/2016 3:30:51 PM



#36
4-Chloro-3-methylphenol
Concen: 42.90 ng
RT: 8.80 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF085225.D
Acq: 5 Mar 2016 1:44

Tgt Ion:107 Resp: 404733
Ion Ratio Lower Upper
107 100
144 25.5 19.4 29.2
142 77.4 59.4 89.2





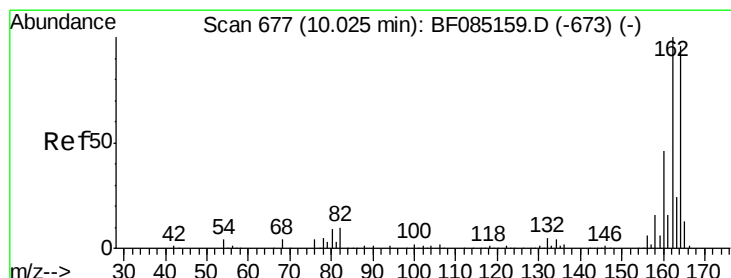
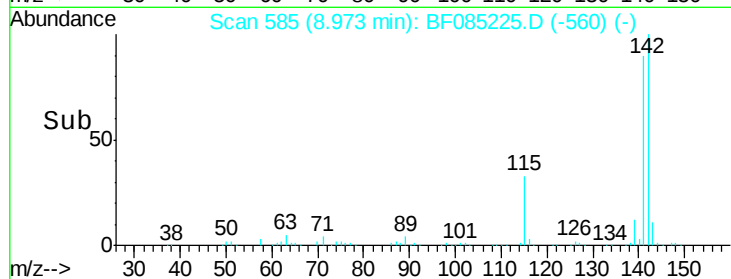
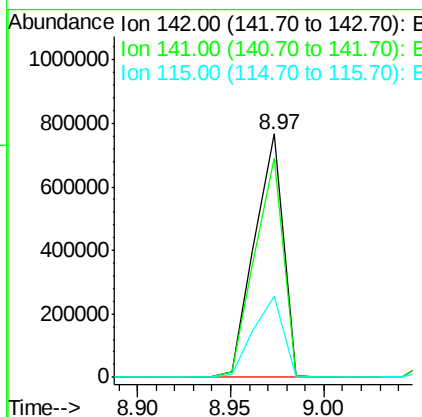
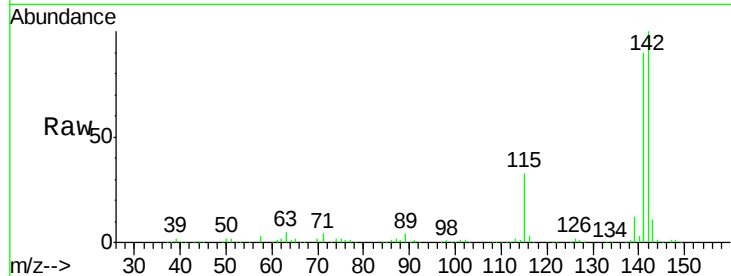
#37
2-Methylnaphthalene
Concen: 42.37 ng
RT: 8.97 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF085225.D
Acq: 5 Mar 2016 1:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.7	107.5
115	33.1	26.2	39.4

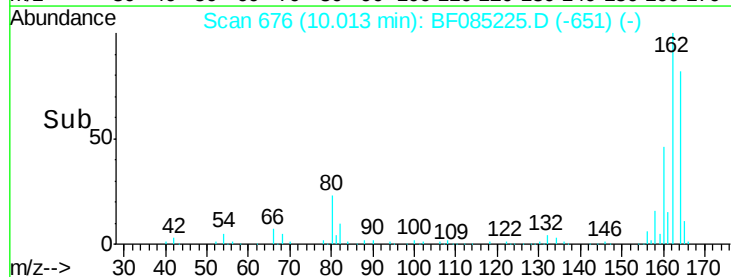
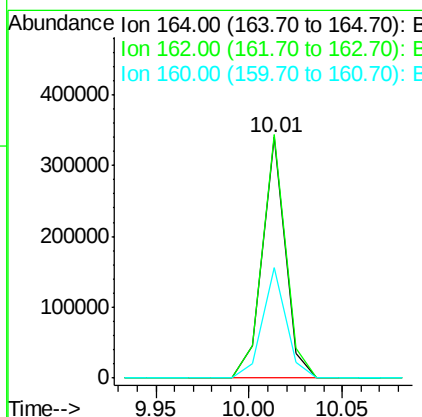
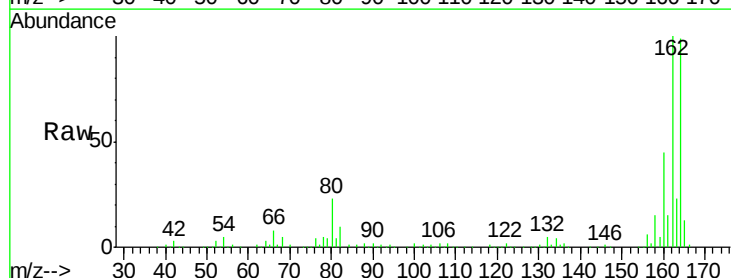
Manual Integrations
APPROVED

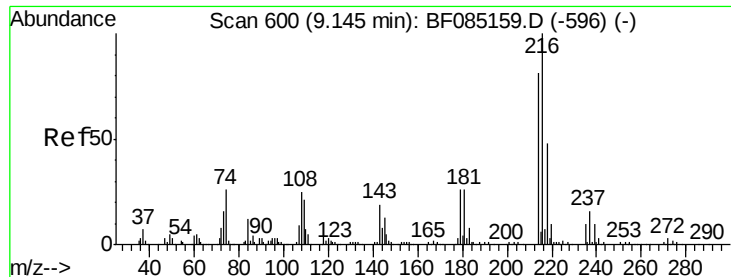
UMANGI
3/7/2016 3:30:51 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF085225.D
Acq: 5 Mar 2016 1:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	83.3	124.9
160	46.0	37.9	56.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.57 ng

RT: 9.13 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF085225.D

Acq: 5 Mar 2016 1:44

Instrument :

BNA_F

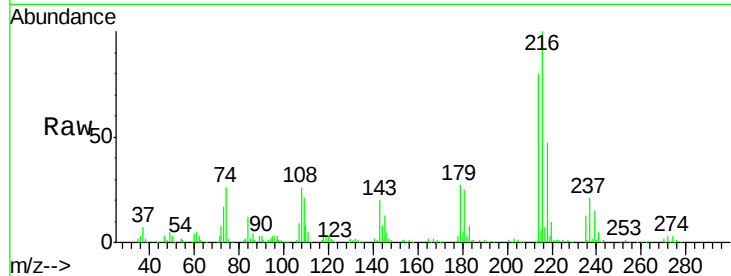
ClientSampleId :

SSTDCCC040EC

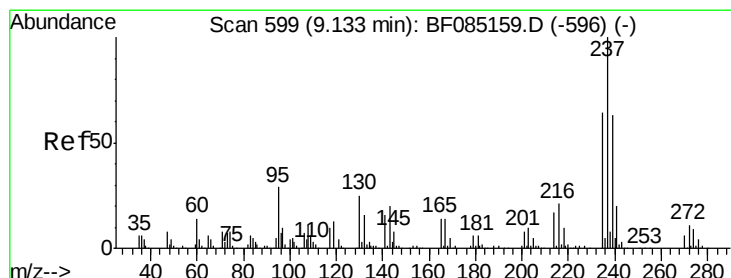
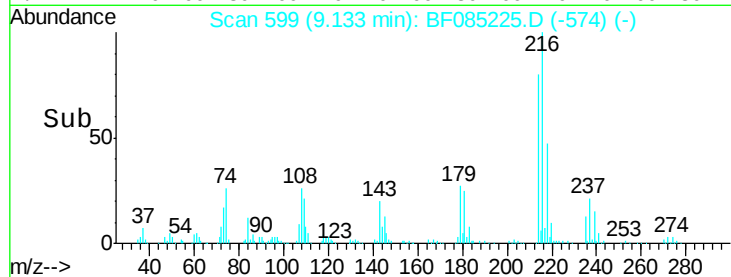
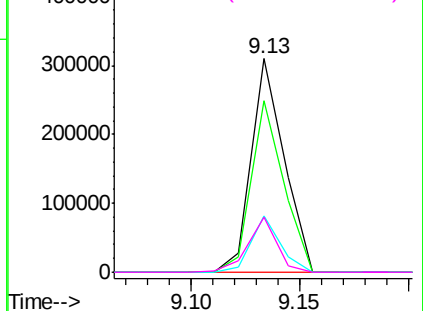
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		326599		
214	79.0		63.8	95.6	
179	23.6		19.6	29.4	
108	22.8		19.6	29.4	

Manual Integrations
APPROVED

UMANGI
3/7/2016 3:30:51 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: 36.09 ng

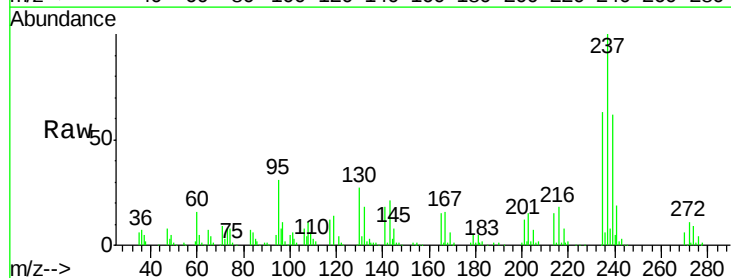
RT: 9.12 min Scan# 598

Delta R.T. -0.01 min

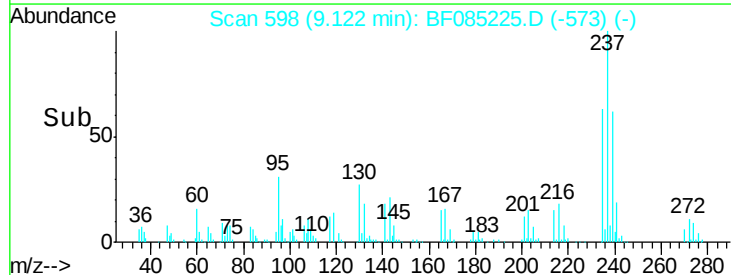
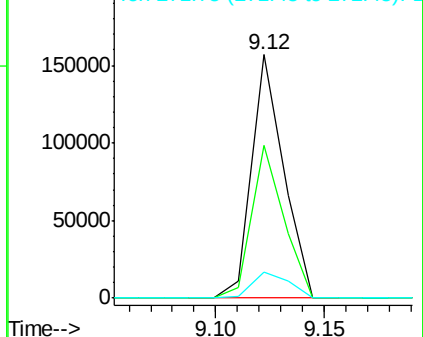
Lab File: BF085225.D

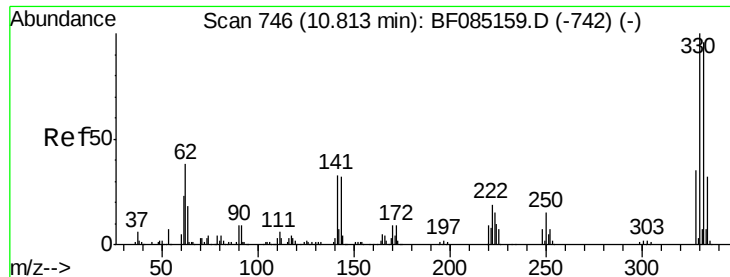
Acq: 5 Mar 2016 1:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		160647		
235	63.0		43.7	83.7	
272	10.8		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





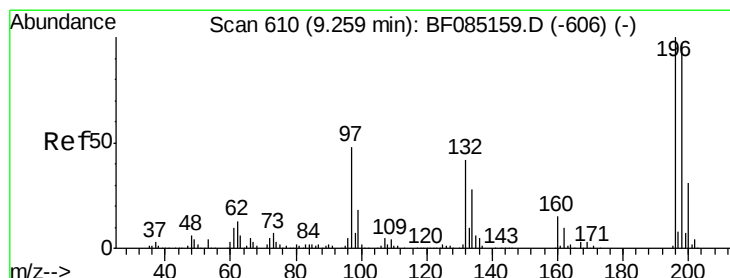
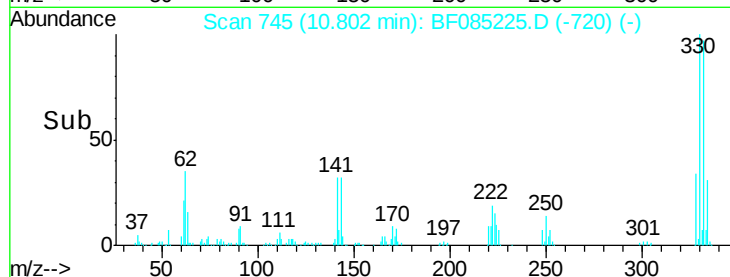
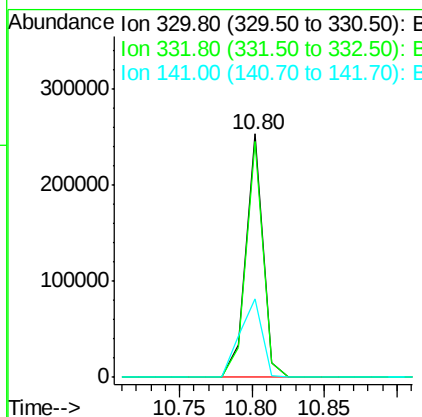
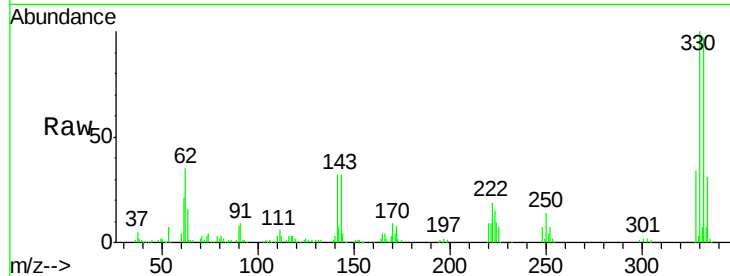
#41
 2,4,6-Tribromophenol
 Concen: 84.56 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085225.D
 Acq: 5 Mar 2016 1:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
330	100	208804		
332	96.2	77.1	115.7	
141	41.6	35.0	52.6	

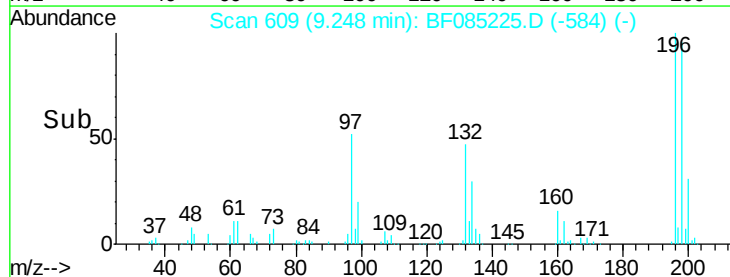
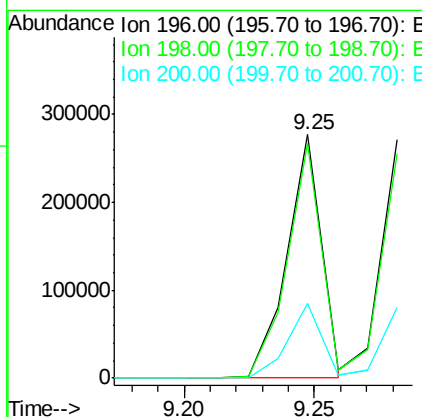
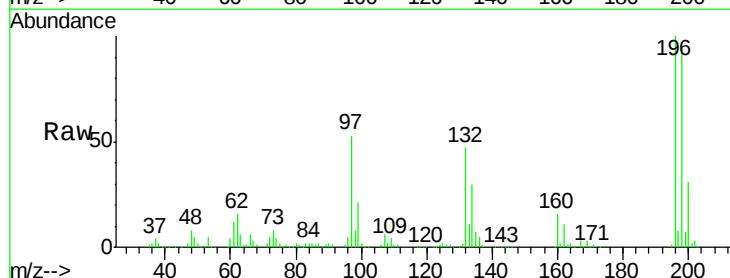
Manual Integrations
 APPROVED

UMANGI
 3/7/2016 3:30:51 PM



#42
 2,4,6-Trichlorophenol
 Concen: 41.27 ng
 RT: 9.25 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF085225.D
 Acq: 5 Mar 2016 1:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	253553		
198	96.4	77.8	116.6	
200	30.7	25.0	37.6	





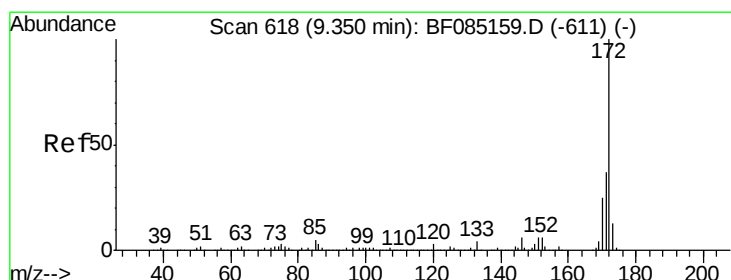
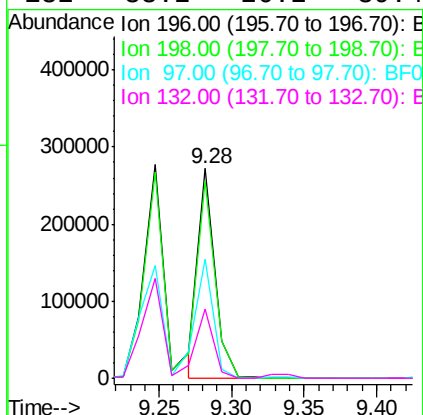
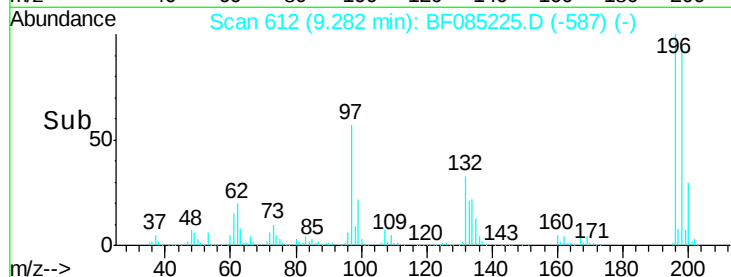
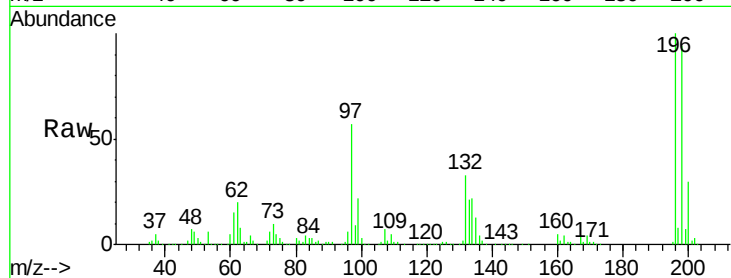
#43
 2,4,5-Trichlorophenol
 Concen: 38.11 ng
 RT: 9.28 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF085225.D
 Acq: 5 Mar 2016 1:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		222017		
198	94.0	75.7	113.5		
97	57.1	46.4	69.6		
132	33.2	26.2	39.4		

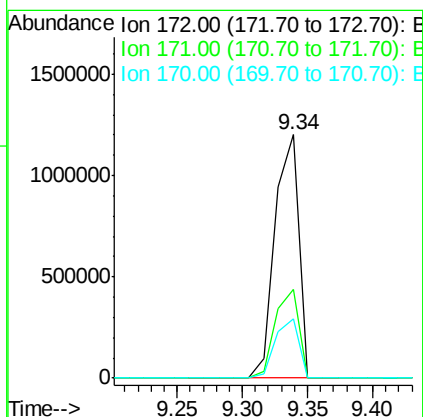
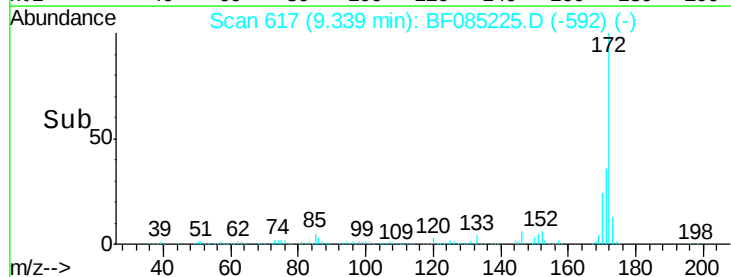
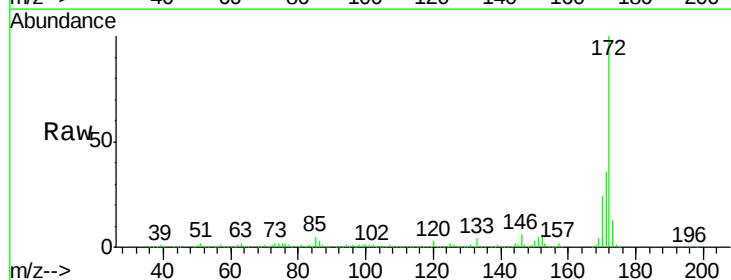
Manual Integrations
 APPROVED

UMANGI
 3/7/2016 3:30:51 PM



#44
 2-Fluorobiphenyl
 Concen: 81.02 ng
 RT: 9.34 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF085225.D
 Acq: 5 Mar 2016 1:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1537409		
171	36.2	29.3	43.9		
170	24.3	20.0	30.0		





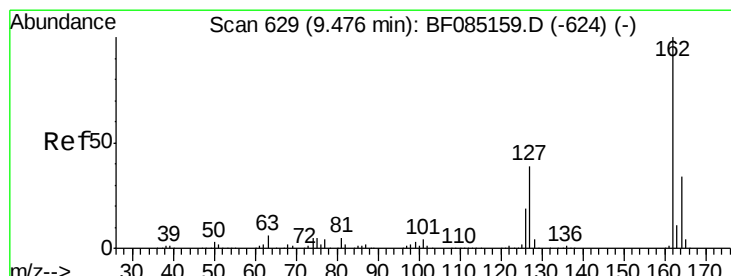
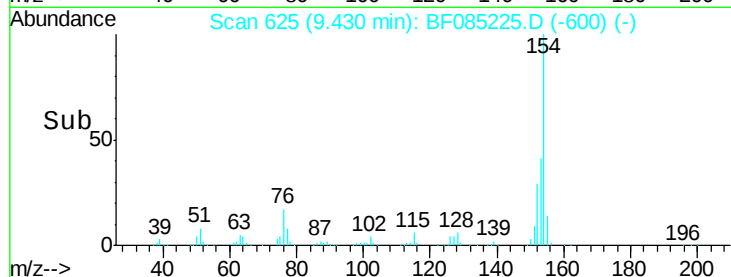
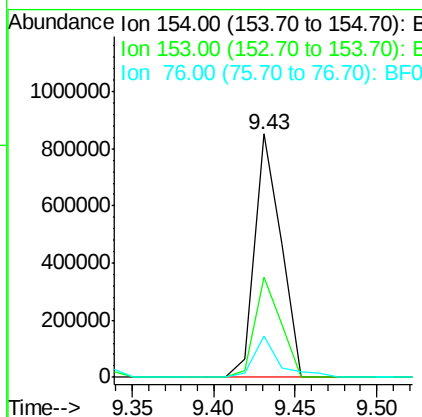
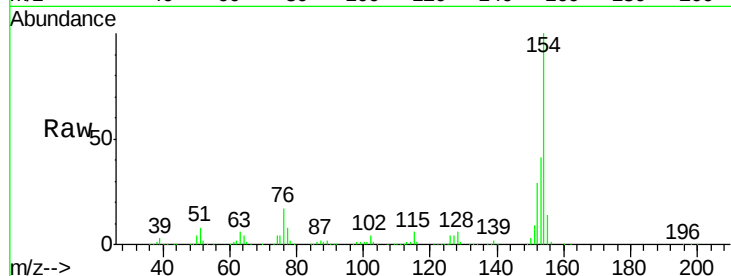
#45
 1,1'-Biphenyl
 Concen: 38.44 ng
 RT: 9.43 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF085225.D
 Acq: 5 Mar 2016 1:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	41.3	21.4	61.4
76	17.0	0.0	37.5

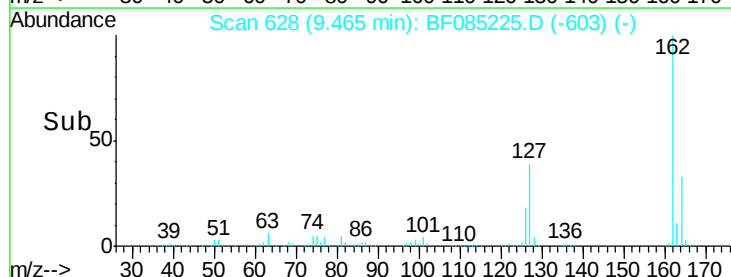
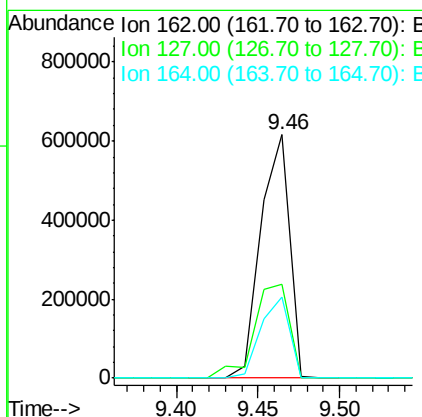
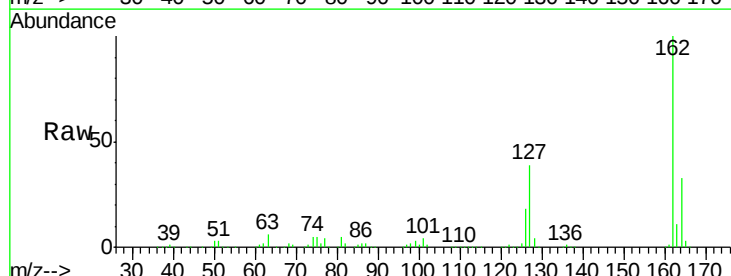
Manual Integrations
 APPROVED

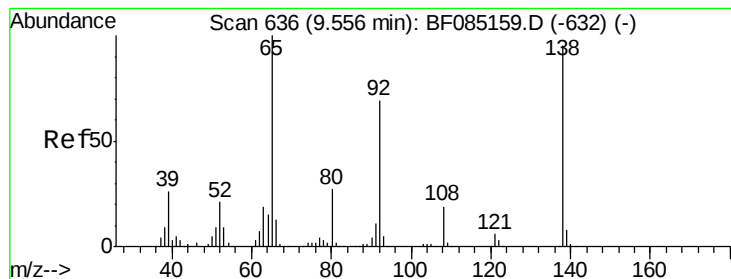
UMANGI
 3/7/2016 3:30:51 PM



#46
 2-Chloronaphthalene
 Concen: 40.19 ng
 RT: 9.46 min Scan# 628
 Delta R.T. -0.01 min
 Lab File: BF085225.D
 Acq: 5 Mar 2016 1:44

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	38.6	31.6	47.4
164	33.5	27.1	40.7





#47

2-Nitroaniline

Concen: 38.40 ng

RT: 9.54 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF085225.D

Acq: 5 Mar 2016 1:44

Instrument :

BNA_F

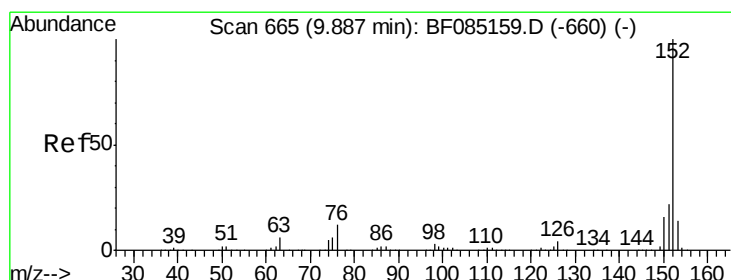
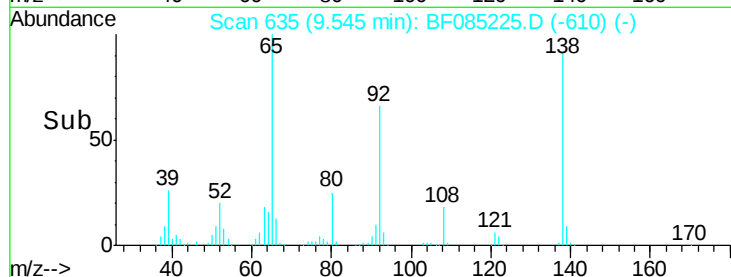
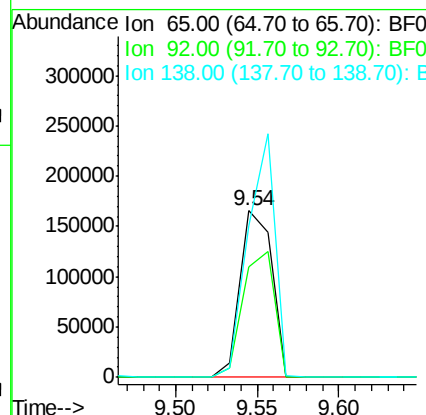
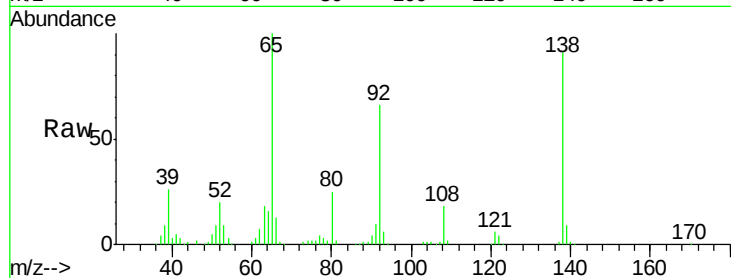
ClientSampleId :

SSTDCCC040EC

Tot Ion:	65	Resp:	223650
Ion Ratio	Lower	Upper	
65	100		
92	66.5	55.4	83.2
138	91.0	75.7	113.5

Manual Integrations
APPROVED

UMANGI
3/7/2016 3:30:51 PM



#48

Acenaphthylene

Concen: 41.74 ng

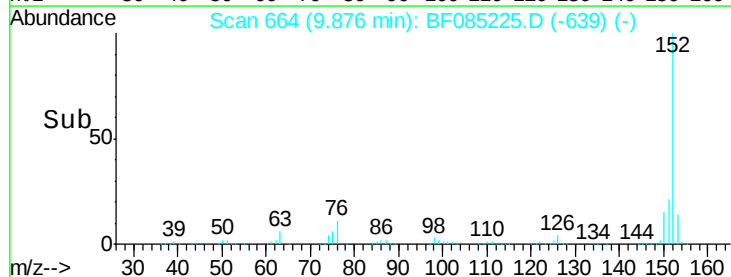
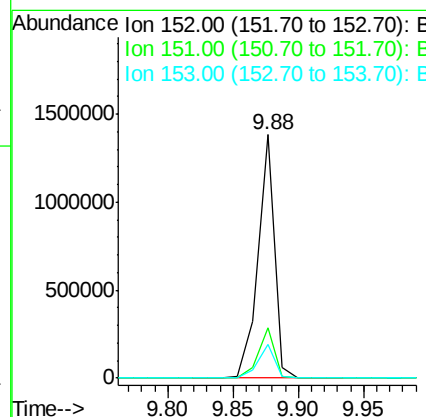
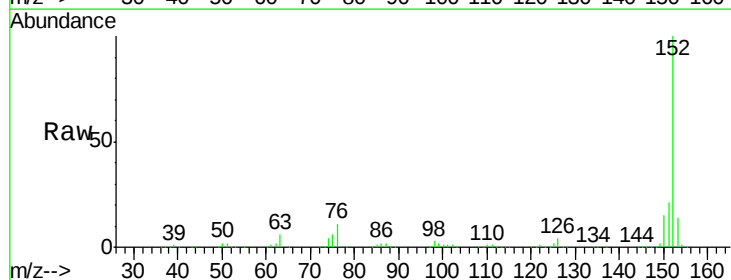
RT: 9.88 min Scan# 664

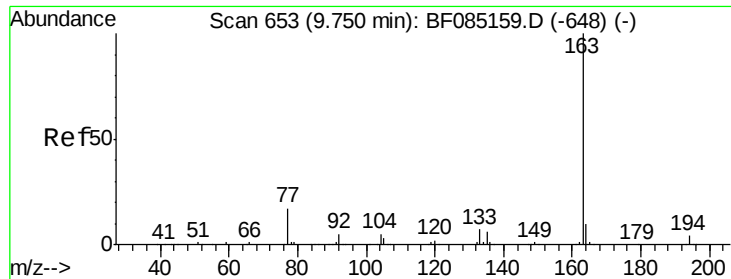
Delta R.T. -0.01 min

Lab File: BF085225.D

Acq: 5 Mar 2016 1:44

Tgt Ion:	152	Resp:	1220843
Ion Ratio	Lower	Upper	
152	100		
151	20.9	17.5	26.3
153	13.7	11.3	16.9





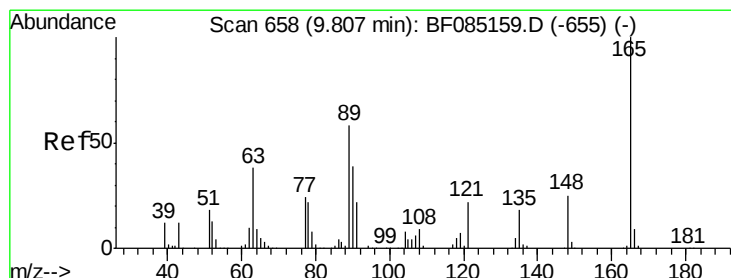
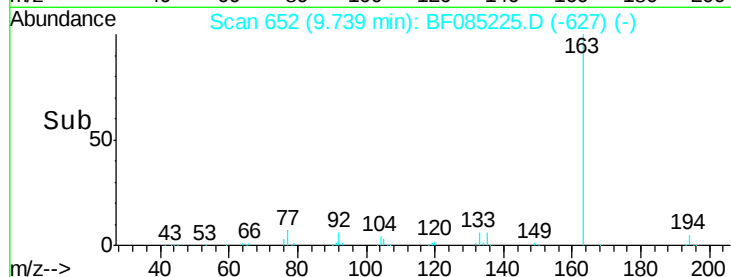
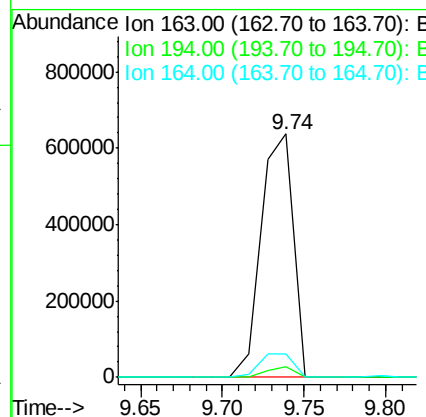
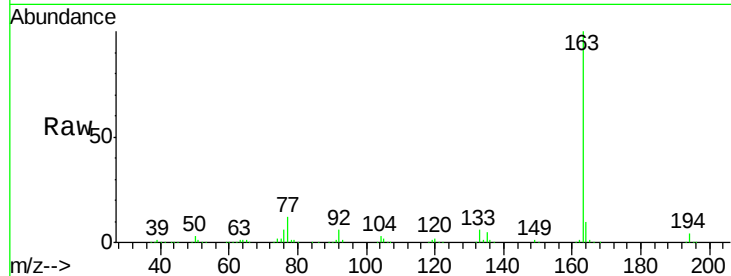
#49
Dimethylphthalate
Concen: 39.51 ng
RT: 9.74 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF085225.D
Acq: 5 Mar 2016 1:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
163	100	875112		
194	4.2		3.1	4.7
164	9.7		8.2	12.4

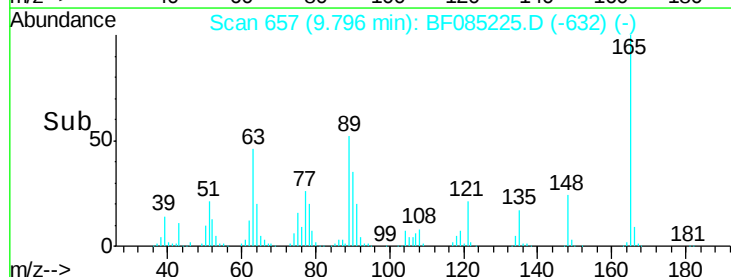
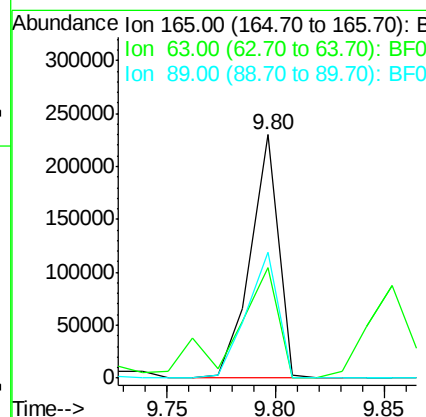
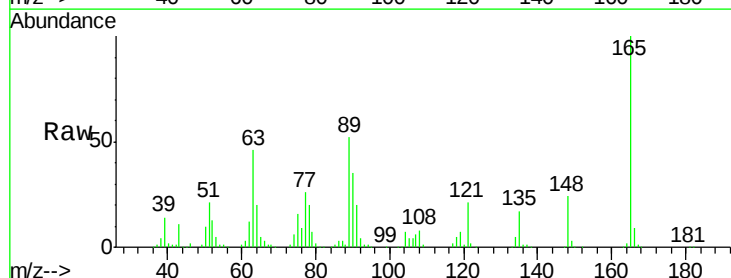
Manual Integrations
APPROVED

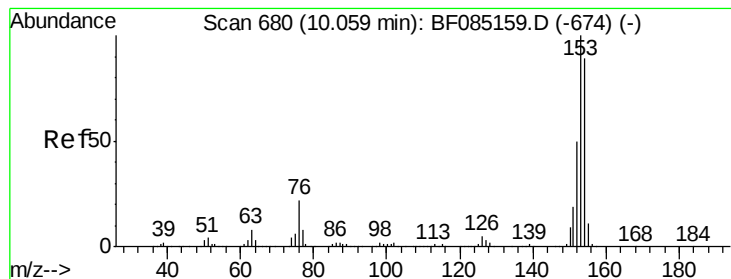
UMANGI
3/7/2016 3:30:51 PM



#50
2,6-Dinitrotoluene
Concen: 43.60 ng
RT: 9.80 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF085225.D
Acq: 5 Mar 2016 1:44

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	206596		
63	45.6		41.8	62.8
89	51.8		46.7	70.1





#51

Acenaphthene

Concen: 38.51 ng

RT: 10.05 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF085225.D

Acq: 5 Mar 2016 1:44

Instrument :

BNA_F

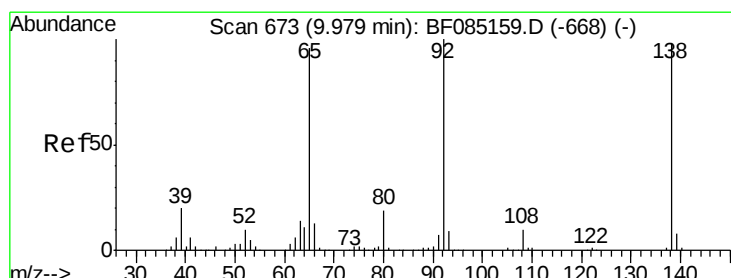
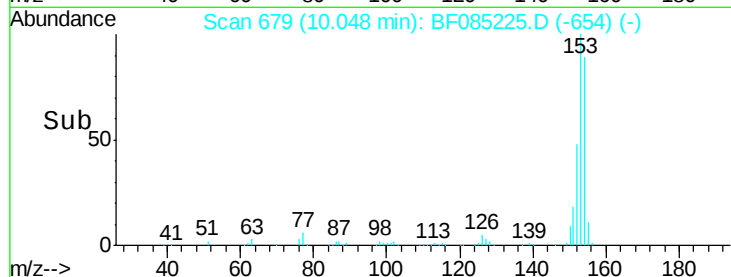
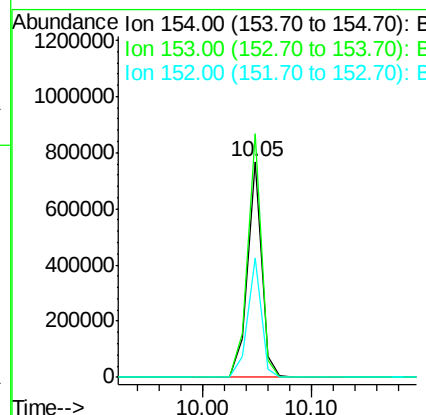
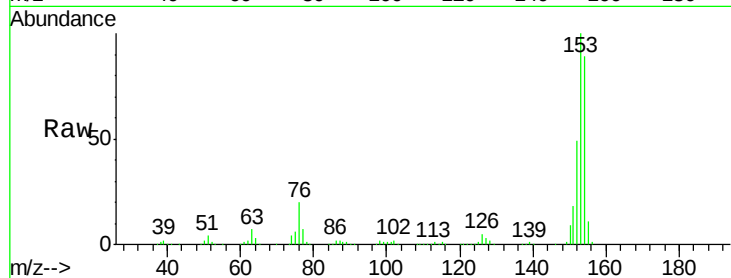
ClientSampleId :

SSTDCCC040EC

Tot Ion:	154	Resp:	684017
Ion Ratio	Lower	Upper	
154	100		
153	112.7	89.8	134.8
152	55.1	44.6	66.8

Manual Integrations
APPROVED

UMANGI
3/7/2016 3:30:51 PM



#52

3-Nitroaniline

Concen: 38.54 ng

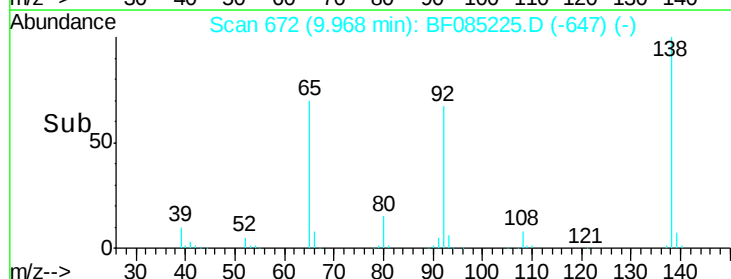
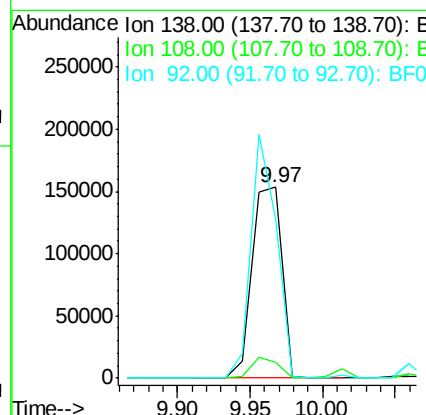
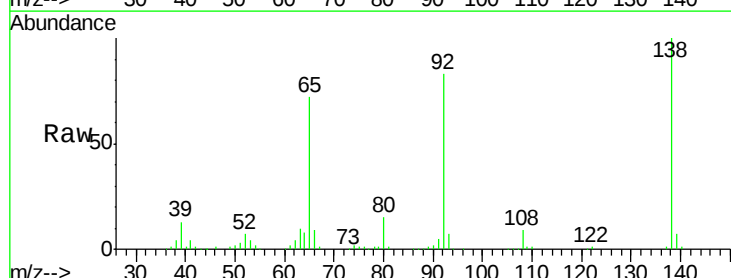
RT: 9.97 min Scan# 672

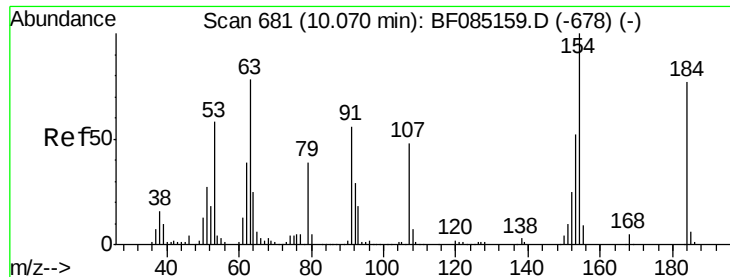
Delta R.T. -0.01 min

Lab File: BF085225.D

Acq: 5 Mar 2016 1:44

Tgt Ion:	138	Resp:	218494
Ion Ratio	Lower	Upper	
138	100		
108	8.6	7.8	11.6
92	83.2	81.3	121.9





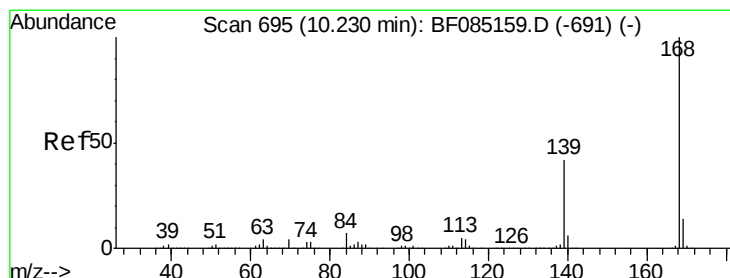
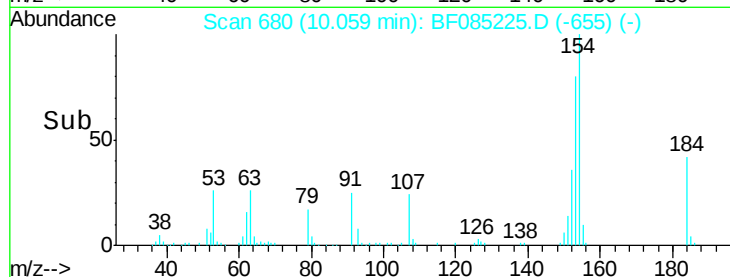
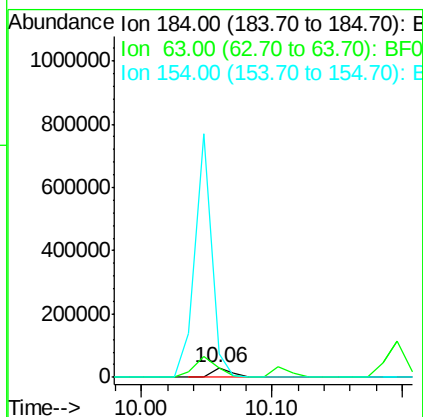
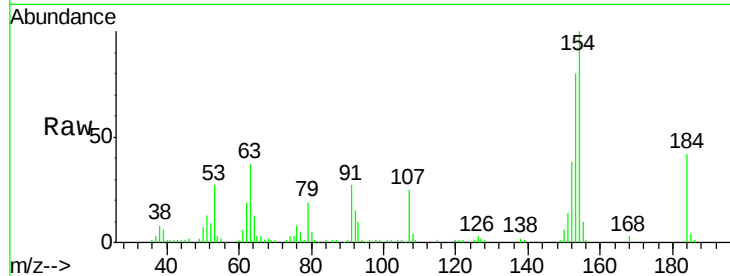
#53
2,4-Dinitrophenol
Concen: 20.10 ng
RT: 10.06 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF085225.D
Acq: 5 Mar 2016 1:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	89.6	82.2	123.4	
154	239.2	108.9	163.3#	

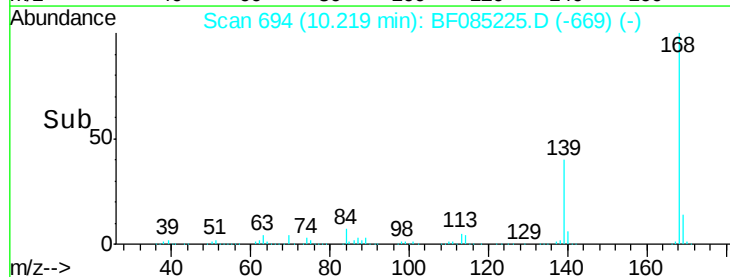
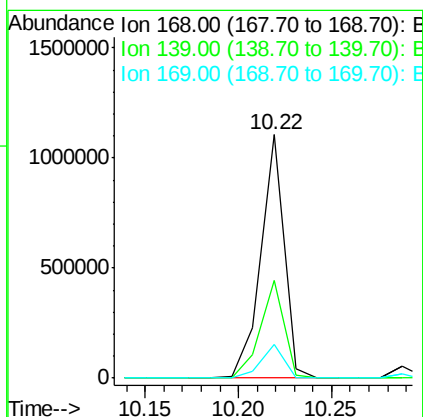
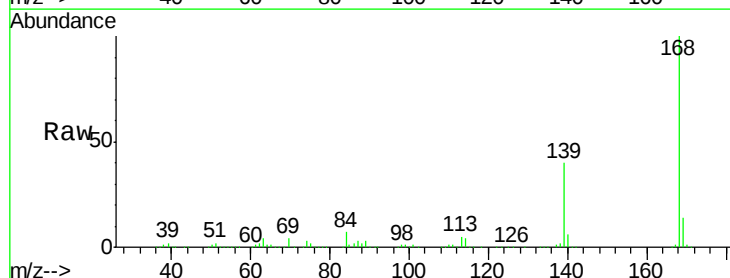
Manual Integrations
APPROVED

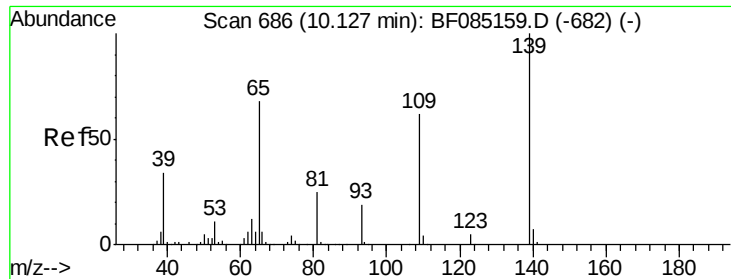
UMANGI
3/7/2016 3:30:51 PM



#54
Dibenzofuran
Concen: 40.81 ng
RT: 10.22 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF085225.D
Acq: 5 Mar 2016 1:44

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.0	33.6	50.4	
169	13.7	11.2	16.8	





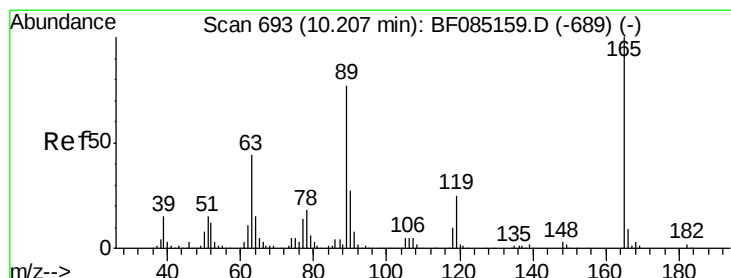
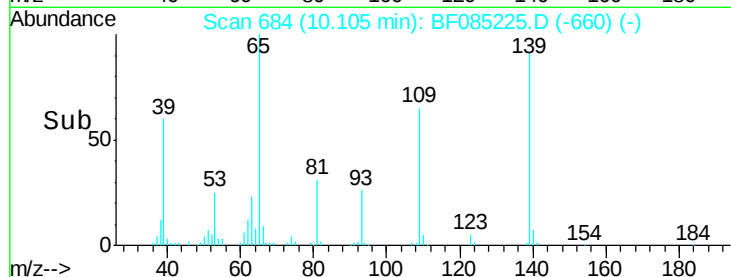
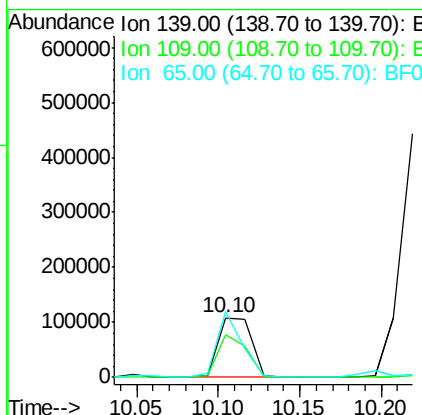
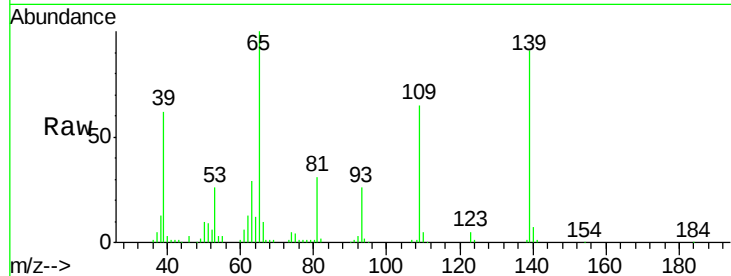
#55
4-Nitrophenol
Concen: 34.30 ng
RT: 10.10 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF085225.D
Acq: 5 Mar 2016 1:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	71.2	41.9	81.9
65	109.9	48.3	88.3

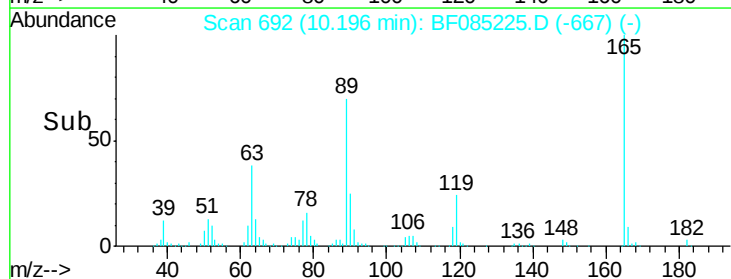
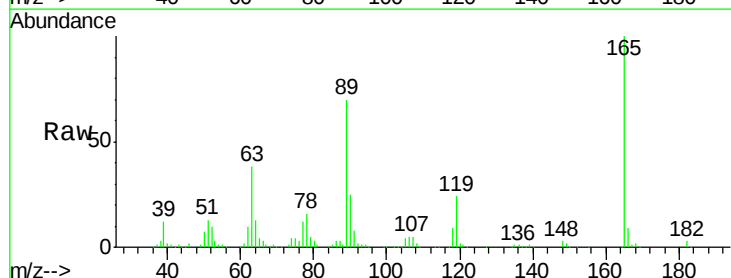
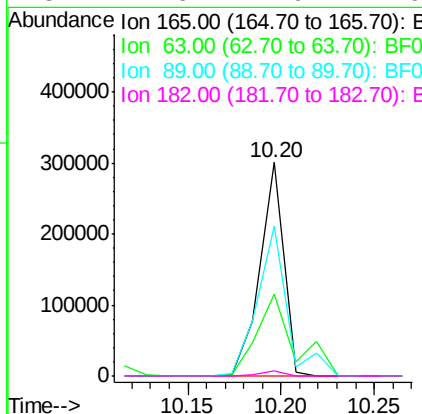
Manual Integrations
APPROVED

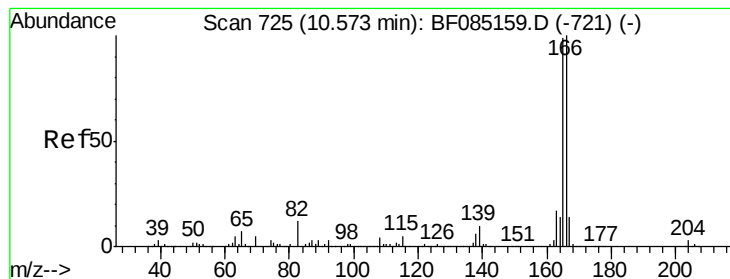
UMANGI
3/7/2016 3:30:51 PM



#56
2,4-Dinitrotoluene
Concen: 43.58 ng
RT: 10.20 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF085225.D
Acq: 5 Mar 2016 1:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	38.2	35.4	53.0
89	70.3	61.9	92.9
182	2.6	1.9	2.9





#57

Fluorene

Concen: 41.49 ng

RT: 10.56 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF085225.D

Acq: 5 Mar 2016 1:44

Instrument :

BNA_F

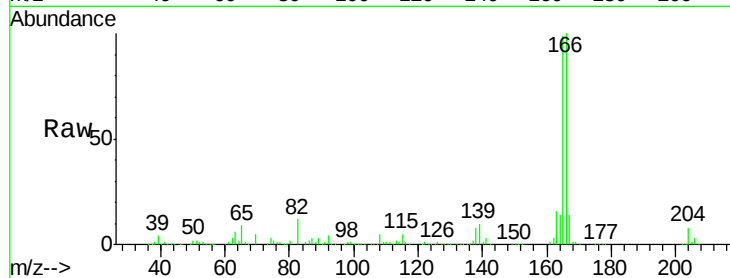
ClientSampleId :

SSTDCCC040EC

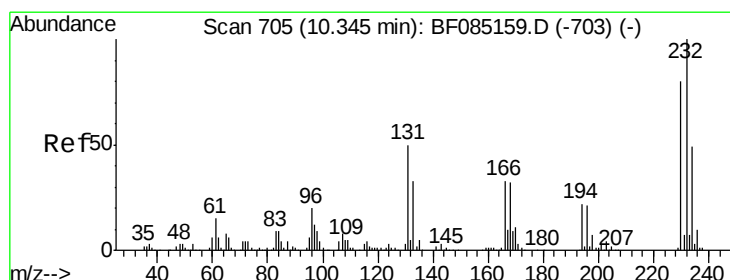
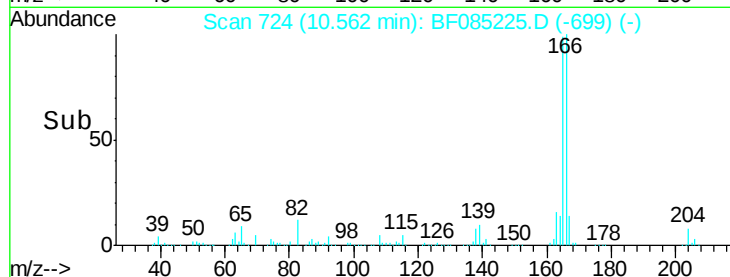
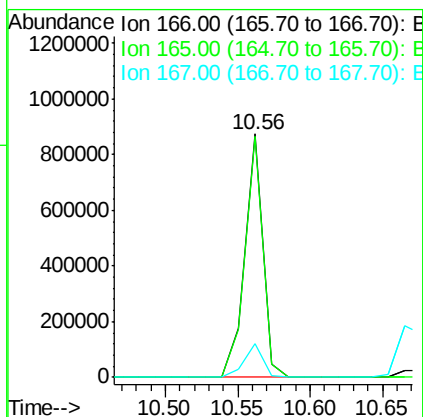
Manual Integrations
APPROVED

UMANGI

3/7/2016 3:30:51 PM



Tot Ion	166	165	167
Ratio	100	98.8	13.8
Resp	758258	79.4	11.0
Lower		79.4	11.0
Upper		119.0	16.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.54 ng

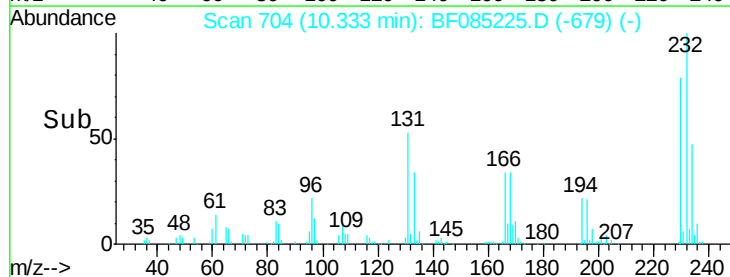
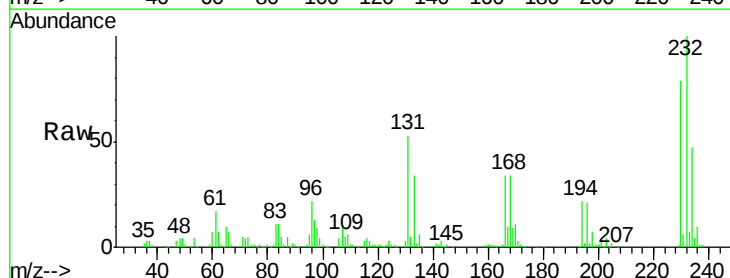
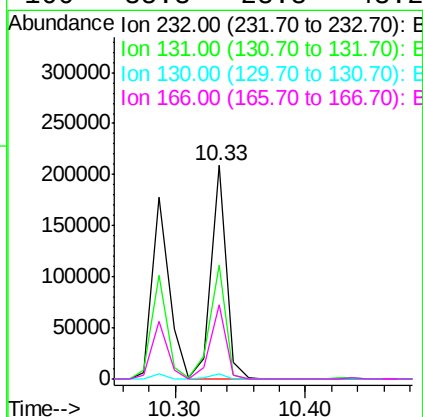
RT: 10.33 min Scan# 704

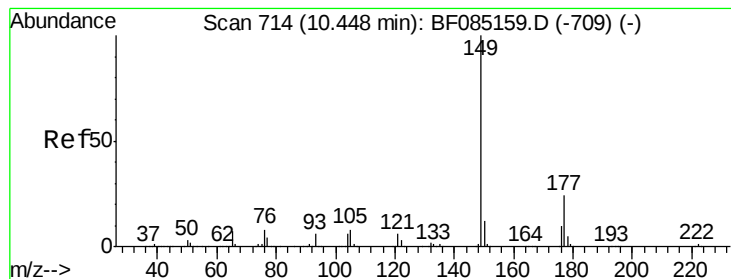
Delta R.T. -0.01 min

Lab File: BF085225.D

Acq: 5 Mar 2016 1:44

Tgt Ion	232	231	230	166
Ratio	100	56.0	2.7	35.3
Resp	169975	46.0	2.2	28.8
Lower		46.0	2.2	28.8
Upper		69.0	3.4	43.2





#59

Diethylphthalate

Concen: 41.77 ng

RT: 10.44 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF085225.D

Acq: 5 Mar 2016 1:44

Instrument :

BNA_F

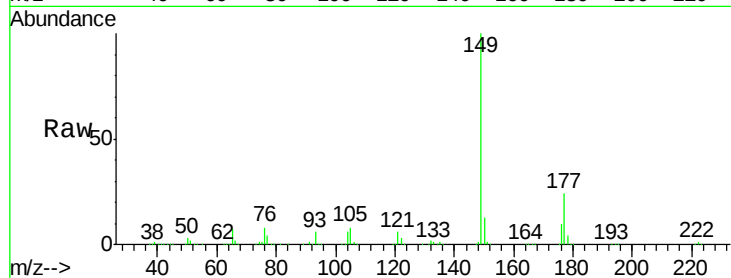
ClientSampleId :

SSTDCCC040EC

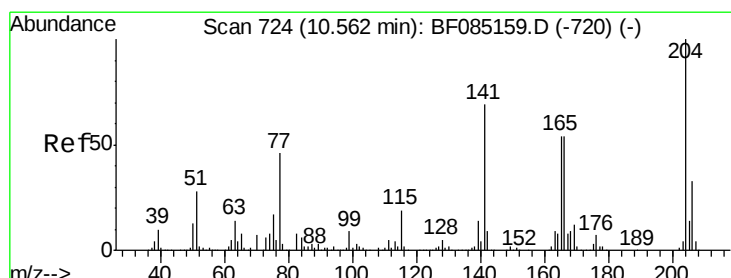
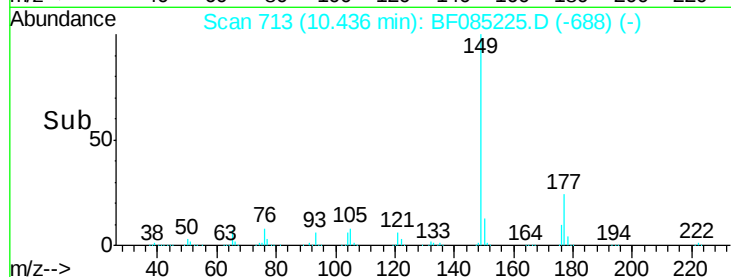
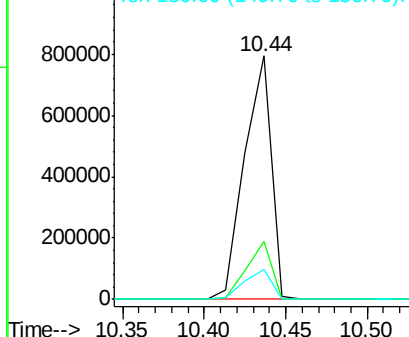
Tot Ion:	149	Resp:	897808
Ion Ratio	Lower	Upper	
149	100		
177	23.7	19.2	28.8
150	12.5	9.9	14.9

Manual Integrations
APPROVED

UMANGI
3/7/2016 3:30:51 PM



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



#60

4-Chlorophenyl-phenylether

Concen: 39.80 ng

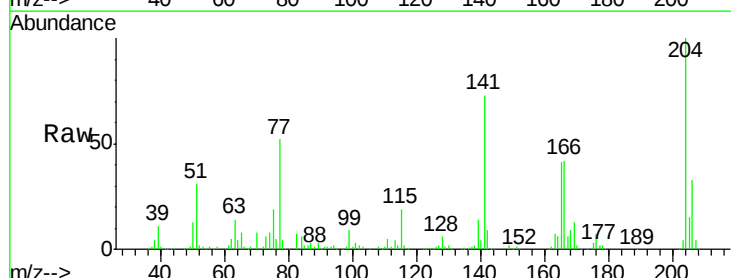
RT: 10.55 min Scan# 723

Delta R.T. -0.01 min

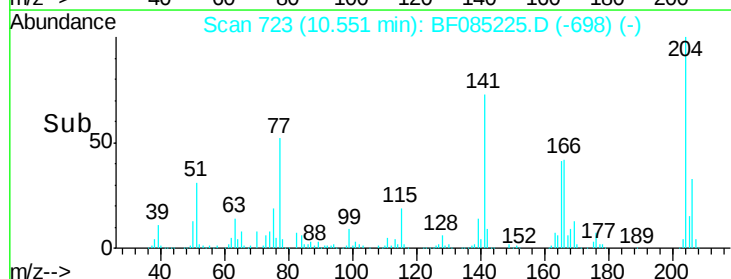
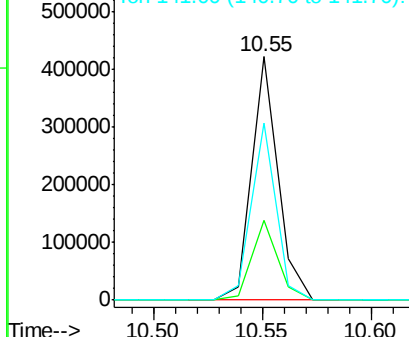
Lab File: BF085225.D

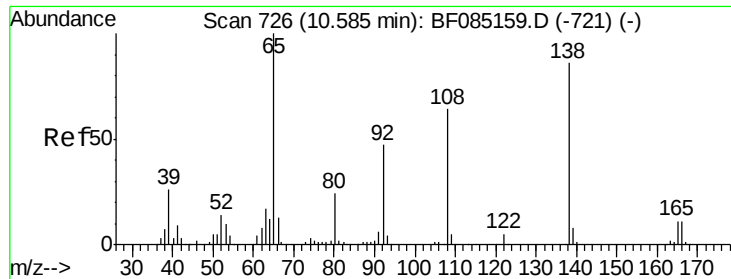
Acq: 5 Mar 2016 1:44

Tgt Ion:	204	Resp:	353906
Ion Ratio	Lower	Upper	
204	100		
206	32.6	26.5	39.7
141	72.8	55.4	83.2



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





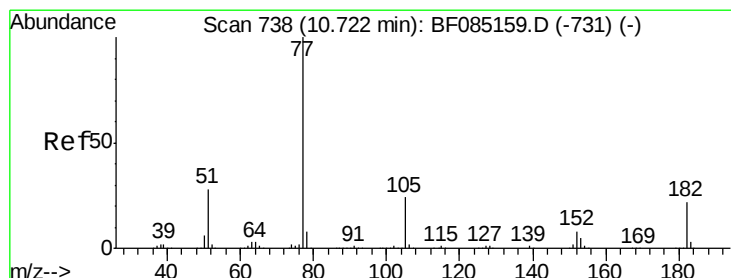
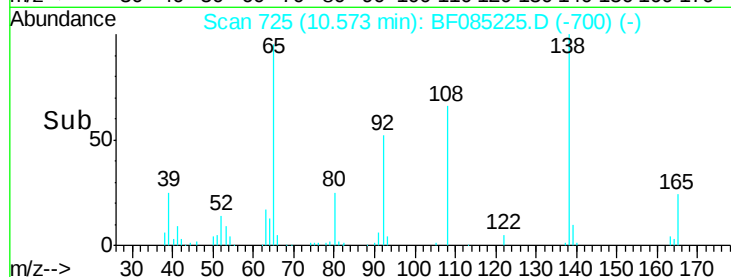
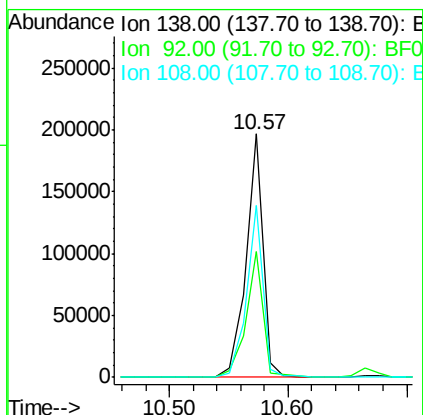
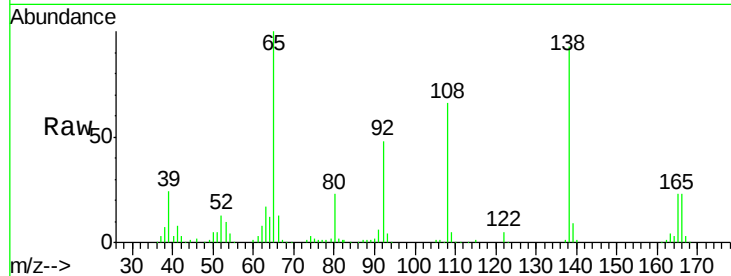
#61
4-Nitroaniline
Concen: 37.05 ng
RT: 10.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF085225.D
Acq: 5 Mar 2016 1:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
138	100	196438		
92	51.5	34.2	74.2	
108	70.5	53.9	93.9	

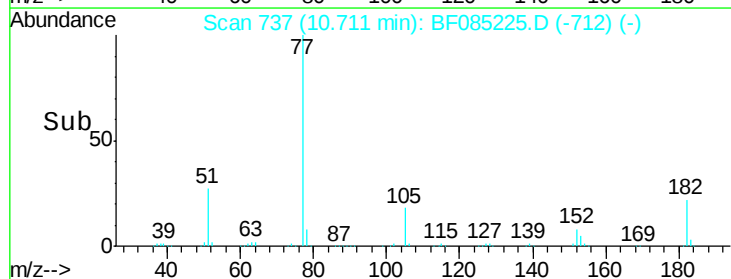
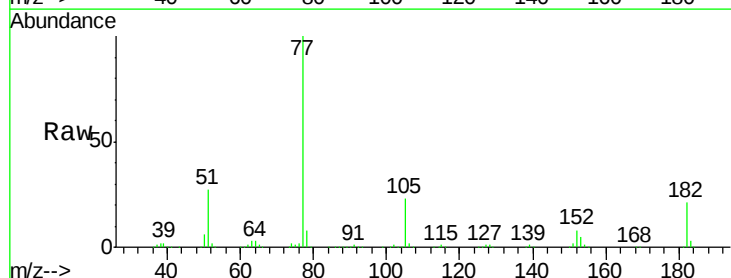
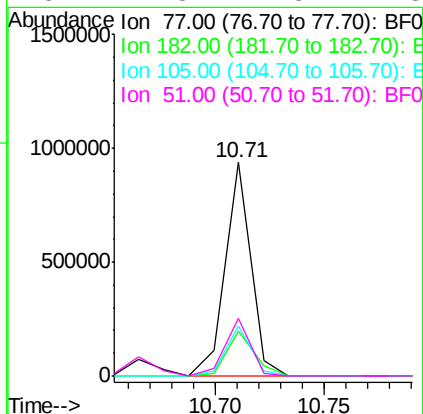
Manual Integrations
APPROVED

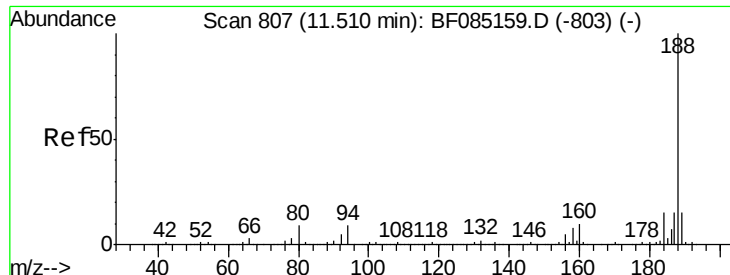
UMANGI
3/7/2016 3:30:51 PM



#62
Azobenzene
Concen: 36.32 ng
RT: 10.71 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF085225.D
Acq: 5 Mar 2016 1:44

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	769198		
182	20.9	2.1	42.1	
105	23.2	3.8	43.8	
51	27.3	7.8	47.8	





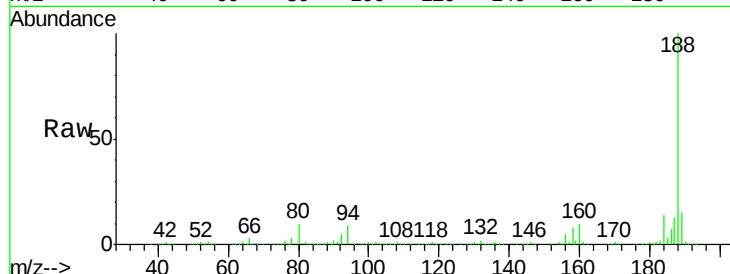
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085225.D
Acq: 5 Mar 2016 1:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

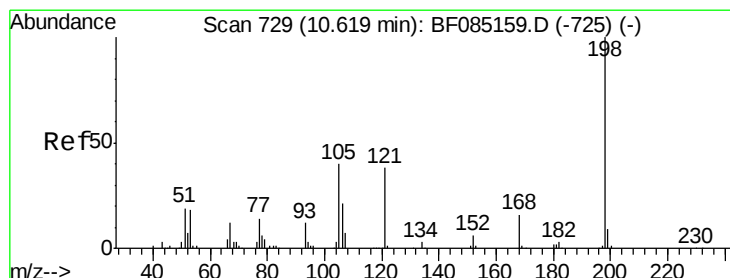
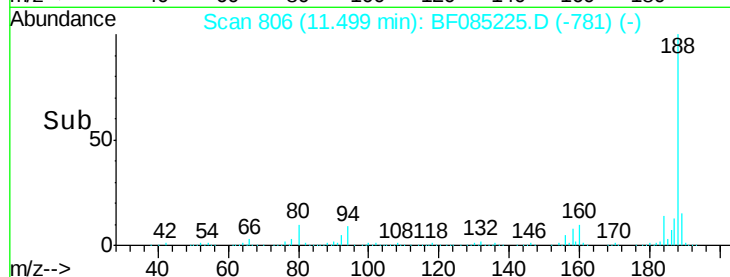
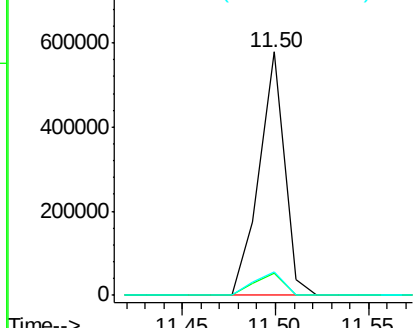
Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.3	7.0	10.6
80	9.8	7.4	11.0

Manual Integrations
APPROVED

UMANGI
3/7/2016 3:30:51 PM

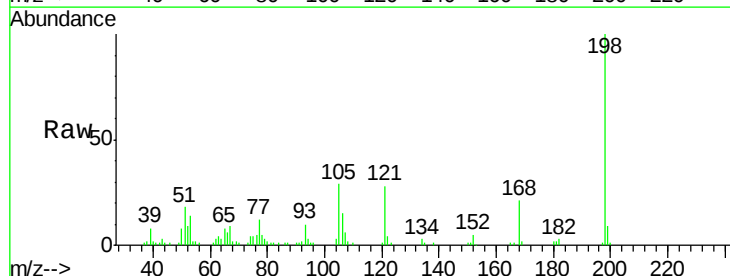


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

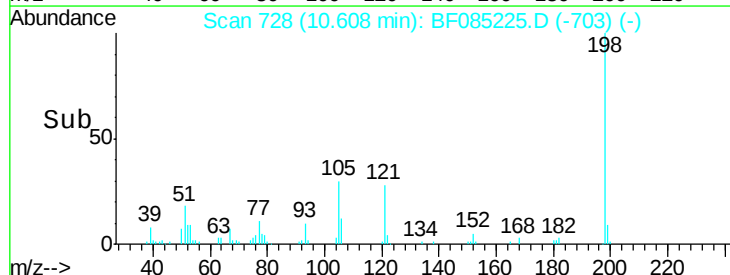
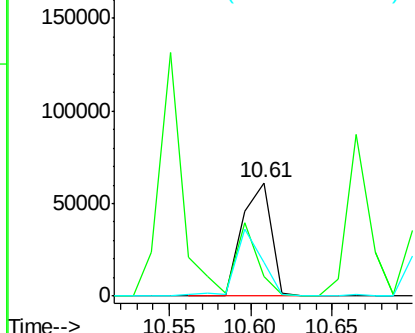


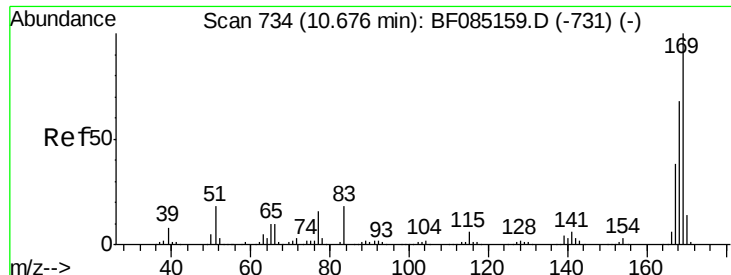
#64
4,6-Dinitro-2-methylphenol
Concen: 23.10 ng
RT: 10.61 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF085225.D
Acq: 5 Mar 2016 1:44

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	17.7	9.5	49.5
105	29.5	20.5	60.5



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





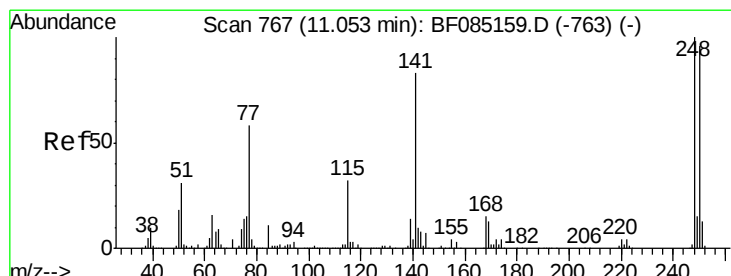
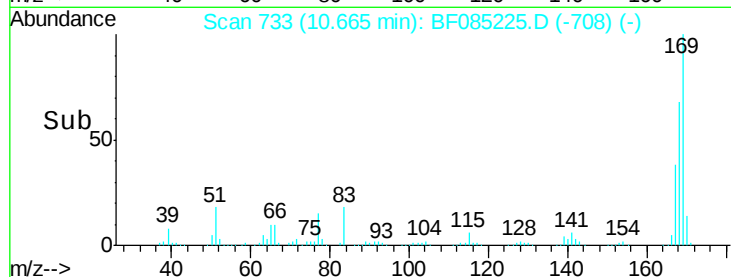
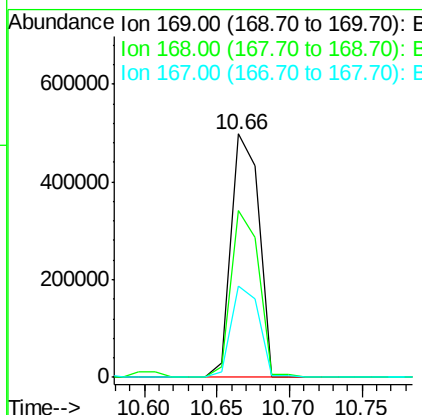
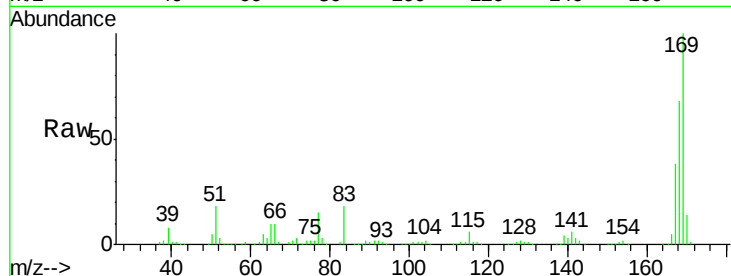
#65
 n-Nitrosodiphenylamine
 Concen: 39.11 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF085225.D
 Acq: 5 Mar 2016 1:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
169	100	661646		
168	68.5	54.8	82.2	
167	37.6	30.3	45.5	

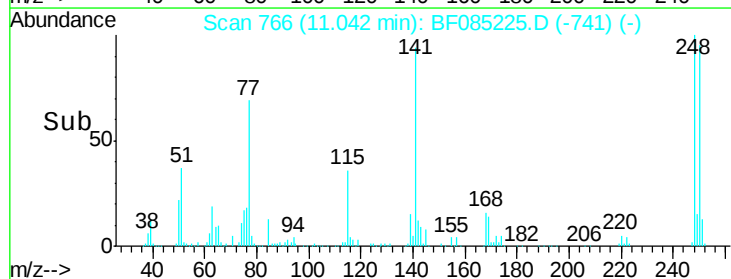
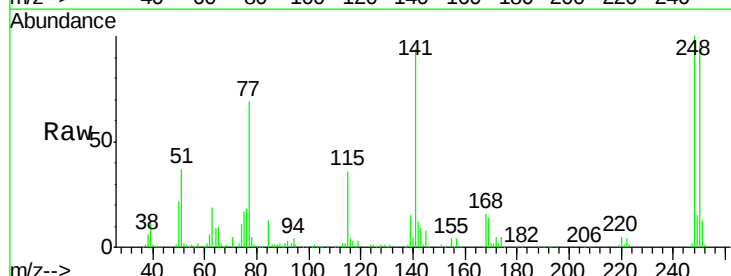
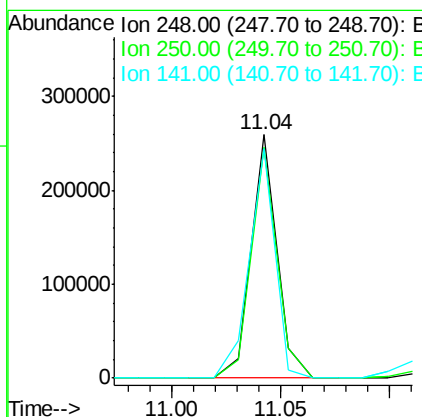
Manual Integrations
 APPROVED

UMANGI
 3/7/2016 3:30:51 PM



#66
 4-Bromophenyl-phenylether
 Concen: 40.44 ng
 RT: 11.04 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BF085225.D
 Acq: 5 Mar 2016 1:44

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	213577		
250	95.0	77.1	115.7	
141	94.1	66.2	99.2	





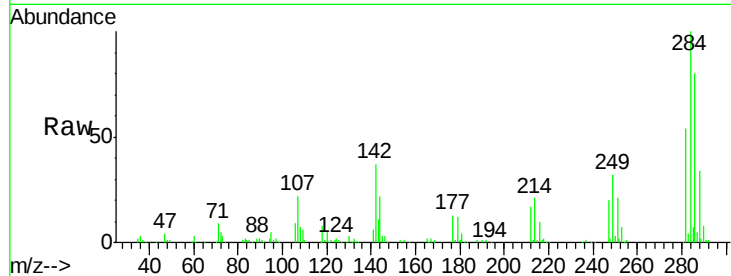
#67
Hexachlorobenzene
Concen: 40.23 ng
RT: 11.11 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF085225.D
Acq: 5 Mar 2016 1:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

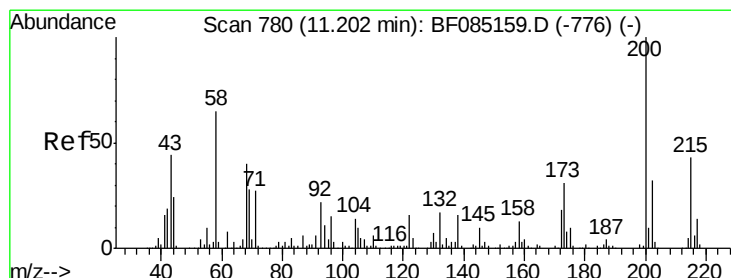
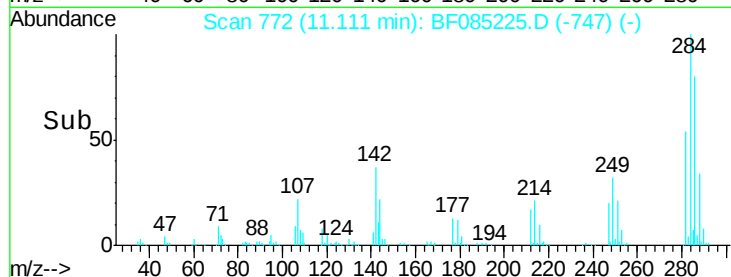
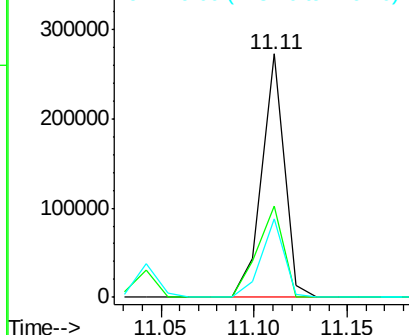
Tot Ion	Ratio	Resp	Lower	Upper
284	100	226630		
142	37.5	24.9	37.3#	
249	32.4	25.0	37.4	

Manual Integrations
APPROVED

UMANGI
3/7/2016 3:30:51 PM

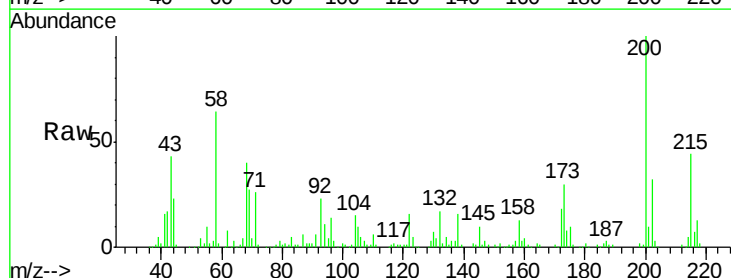


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

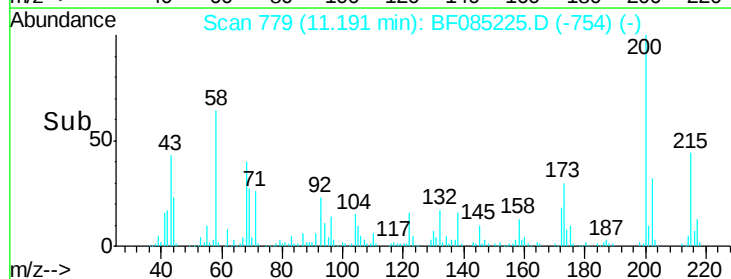
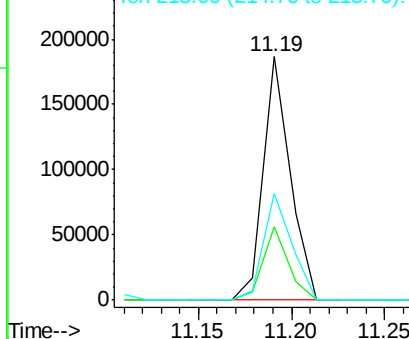


#68
Atrazine
Concen: 39.31 ng
RT: 11.19 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF085225.D
Acq: 5 Mar 2016 1:44

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	184909		
173	30.2	10.5	50.5	
215	43.8	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





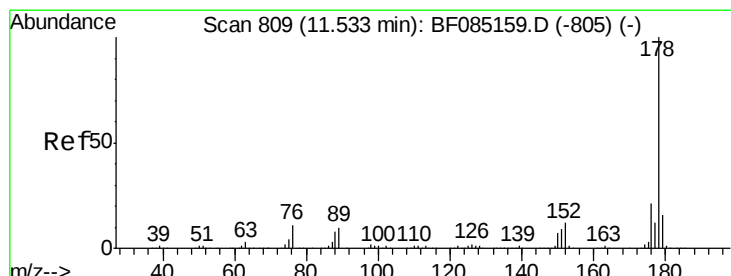
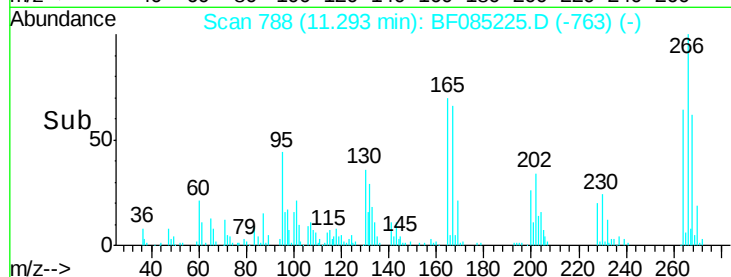
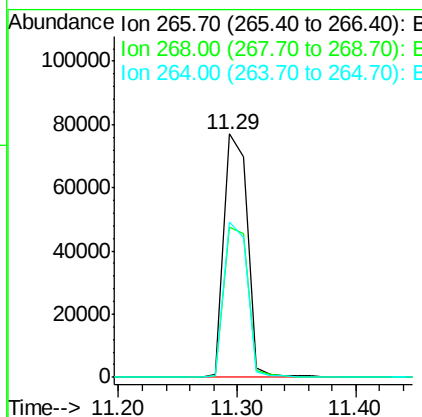
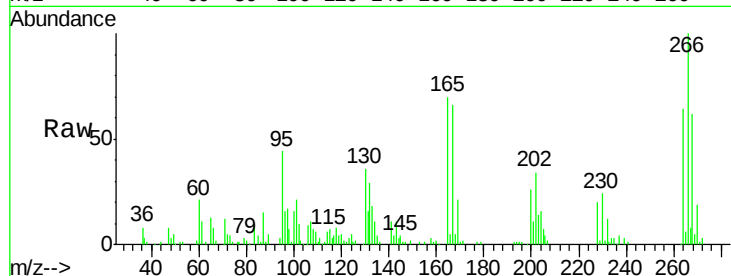
#69
 Pentachlorophenol
 Concen: 33.73 ng
 RT: 11.29 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF085225.D
 Acq: 5 Mar 2016 1:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.8	50.0	75.0
264	63.6	51.4	77.2

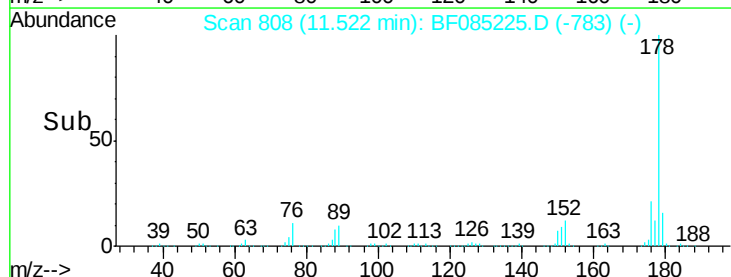
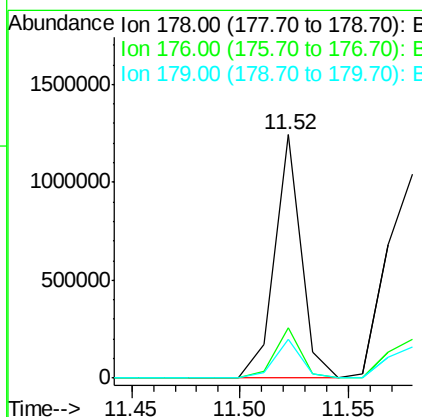
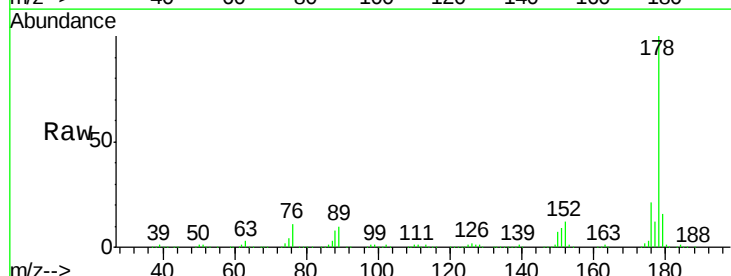
Manual Integrations
 APPROVED

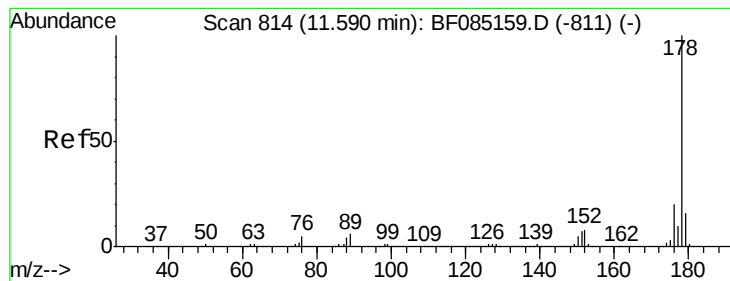
UMANGI
 3/7/2016 3:30:51 PM



#70
 Phenanthrene
 Concen: 37.45 ng
 RT: 11.52 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF085225.D
 Acq: 5 Mar 2016 1:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.8	25.2
179	16.0	13.1	19.7





#71

Anthracene

Concen: 39.85 ng

RT: 11.58 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF085225.D

Acq: 5 Mar 2016 1:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:178 Resp: 1205703

Ion Ratio Lower Upper

178 100

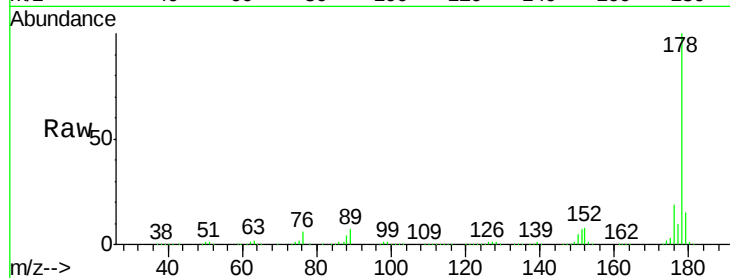
176 19.3 15.9 23.9

179 15.3 12.5 18.7

Manual Integrations
APPROVED

UMANGI

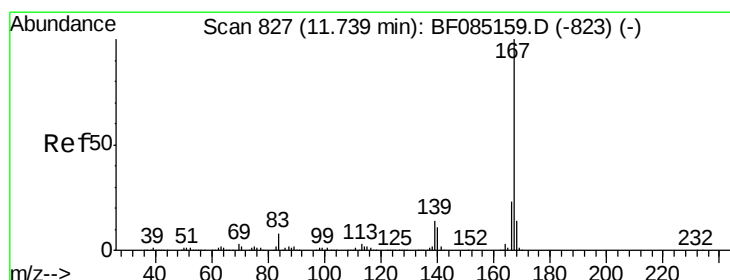
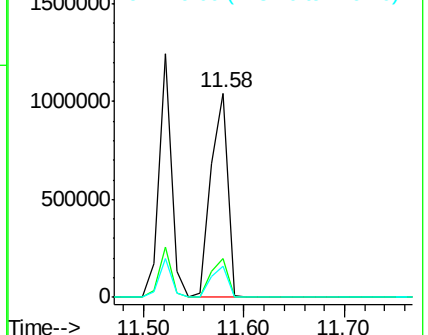
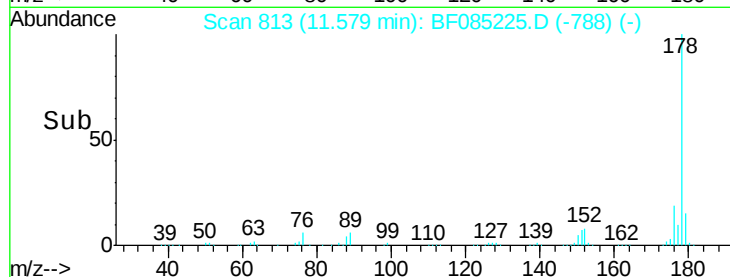
3/7/2016 3:30:51 PM



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: 38.62 ng

RT: 11.73 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF085225.D

Acq: 5 Mar 2016 1:44

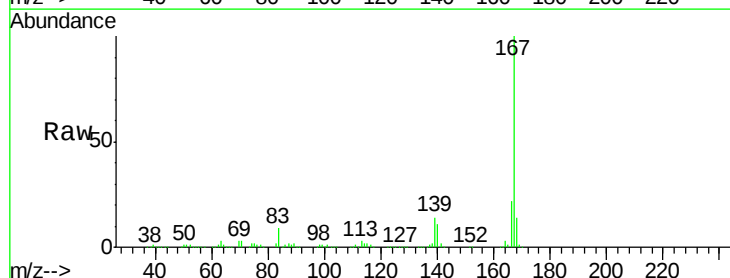
Tgt Ion:167 Resp: 1024587

Ion Ratio Lower Upper

167 100

166 22.1 18.2 27.2

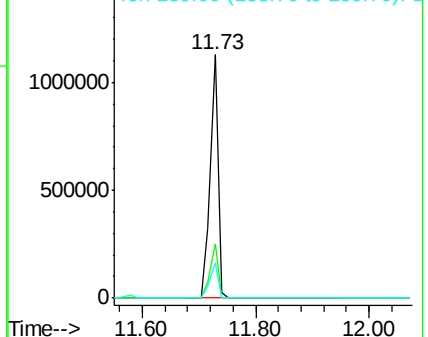
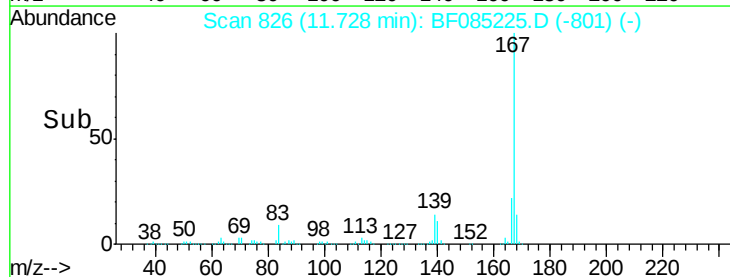
139 14.3 11.4 17.0

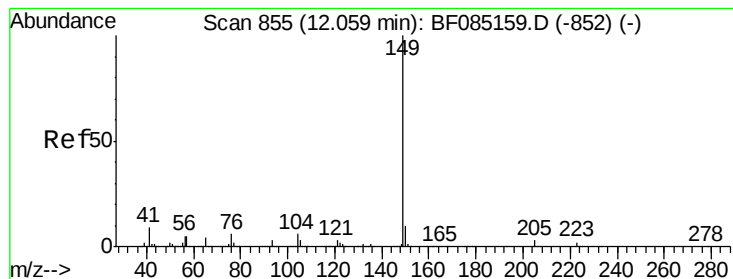


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





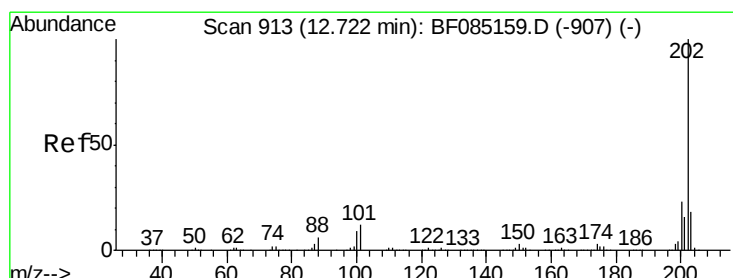
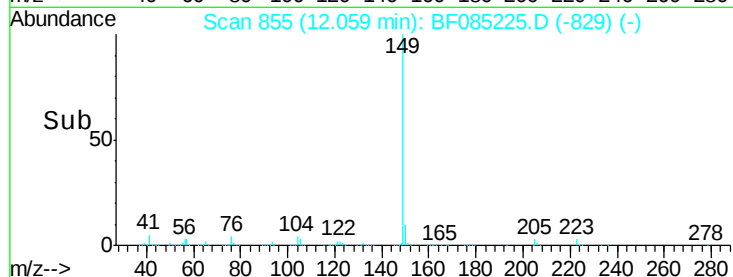
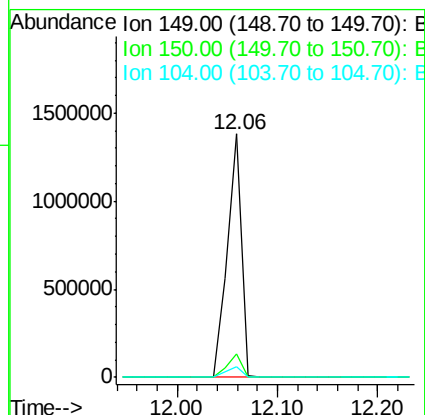
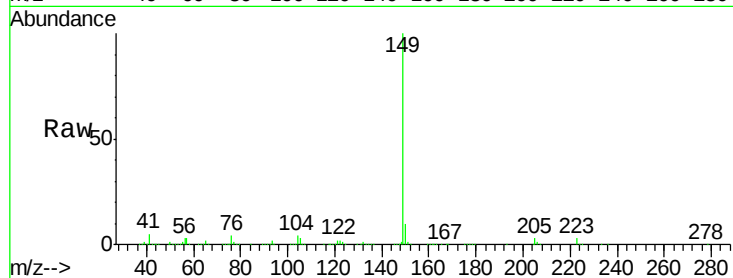
#73
Di-n-butylphthalate
Concen: 40.10 ng
RT: 12.06 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF085225.D
Acq: 5 Mar 2016 1:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:149 Resp: 1344974
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 4.3 4.7 7.1#

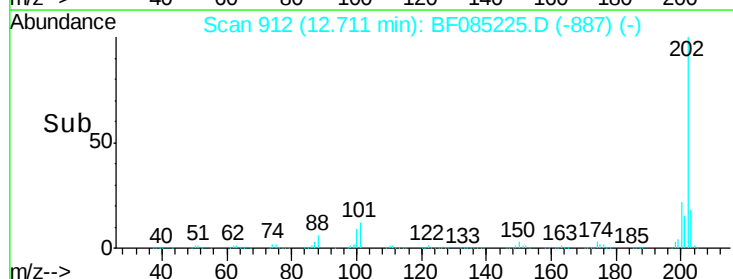
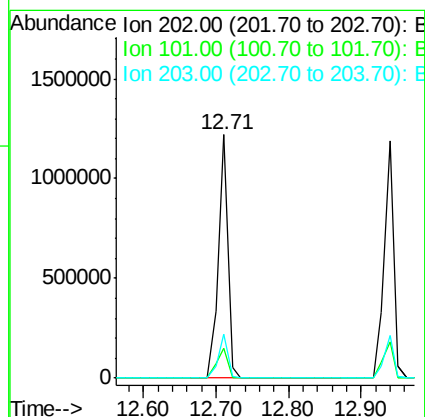
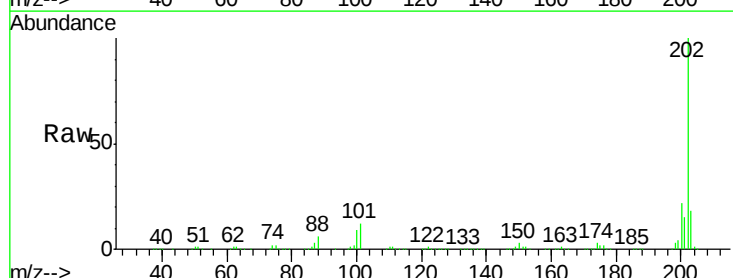
Manual Integrations
APPROVED

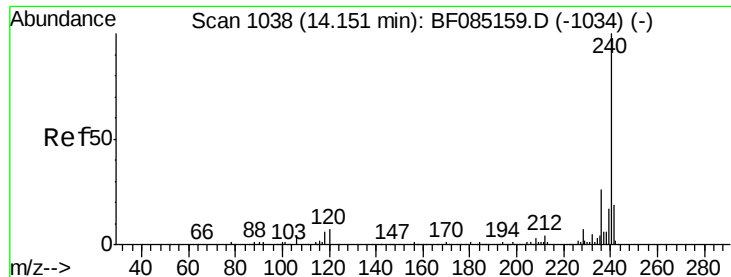
UMANGI
3/7/2016 3:30:51 PM



#74
Fluoranthene
Concen: 38.89 ng
RT: 12.71 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF085225.D
Acq: 5 Mar 2016 1:44

Tgt Ion:202 Resp: 1112511
Ion Ratio Lower Upper
202 100
101 12.4 0.0 31.8
203 18.0 0.0 38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.14 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF085225.D

Acq: 5 Mar 2016 1:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:240 Resp: 327386

Ion Ratio Lower Upper

240 100

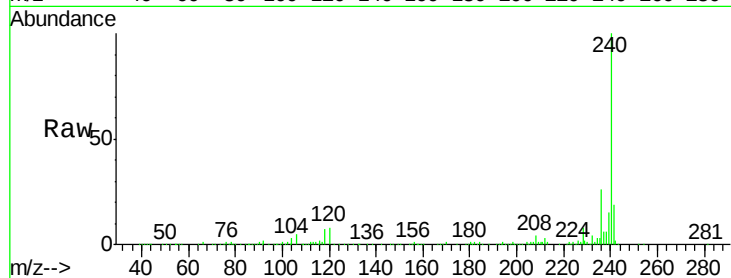
120 7.9 5.3 7.9

236 25.9 20.7 31.1

Manual Integrations
APPROVED

UMANGI

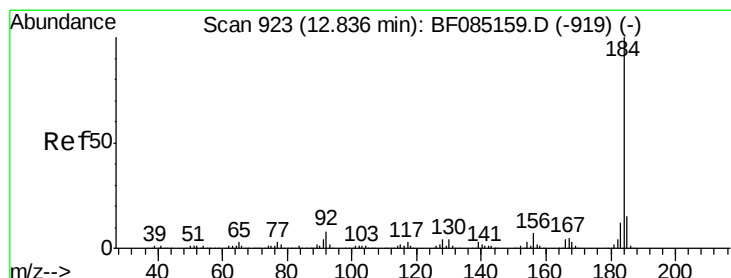
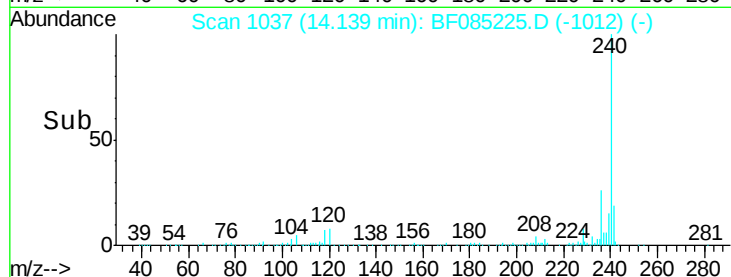
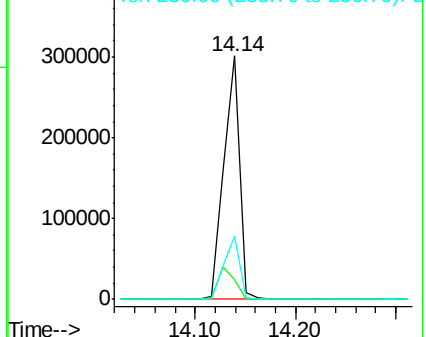
3/7/2016 3:30:51 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 51.95 ng

RT: 12.83 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF085225.D

Acq: 5 Mar 2016 1:44

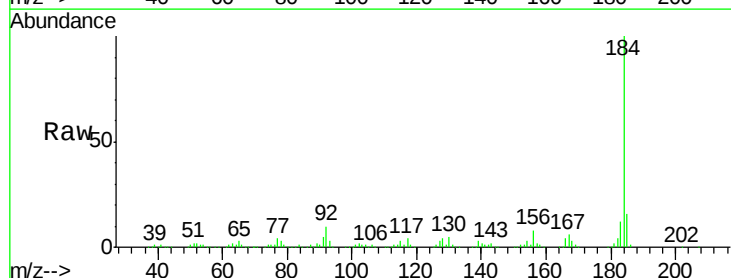
Tgt Ion:184 Resp: 506227

Ion Ratio Lower Upper

184 100

185 15.6 12.4 18.6

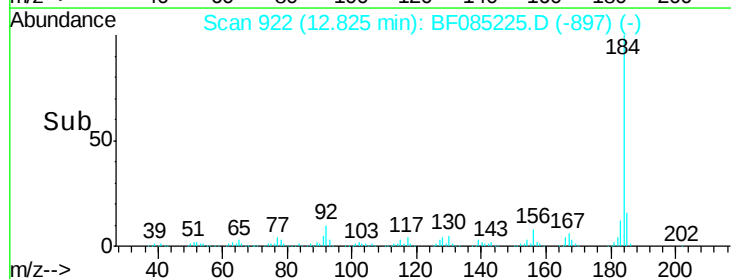
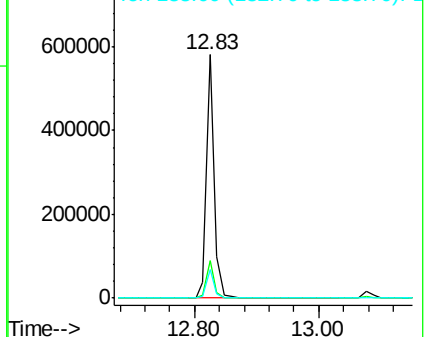
183 11.7 9.4 14.2

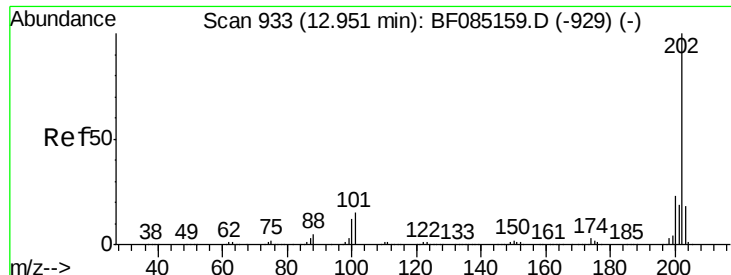


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





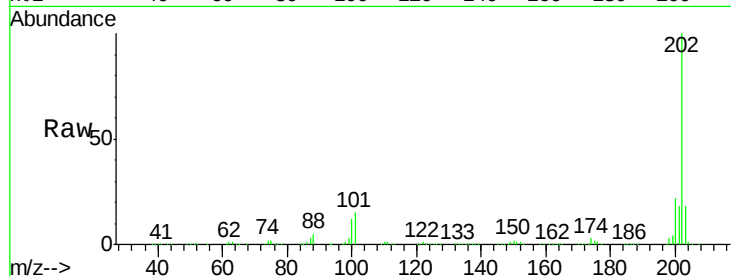
#77
Pvrene
Concen: 44.17 ng
RT: 12.94 min Scan# 932
Delta R.T. -0.01 min
Lab File: BF085225.D
Acq: 5 Mar 2016 1:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

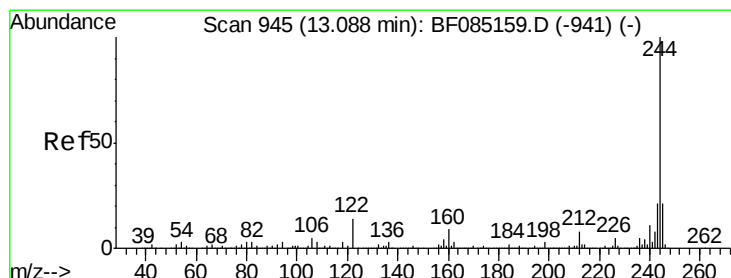
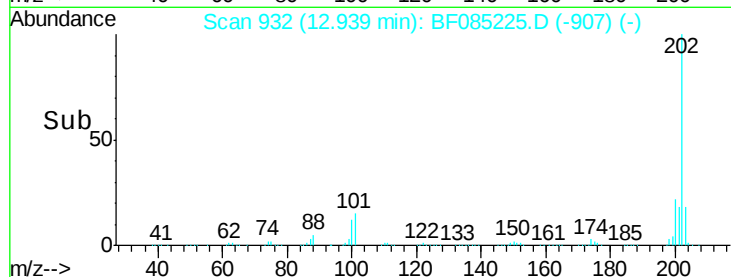
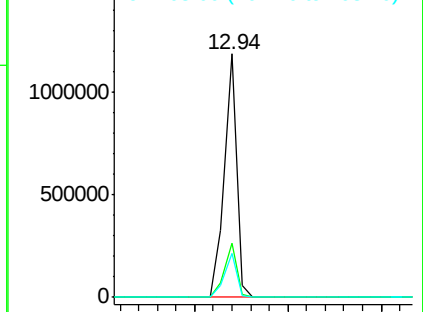
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	18.2	27.4
203	18.0	14.7	22.1

Manual Integrations
APPROVED

UMANGI
3/7/2016 3:30:51 PM

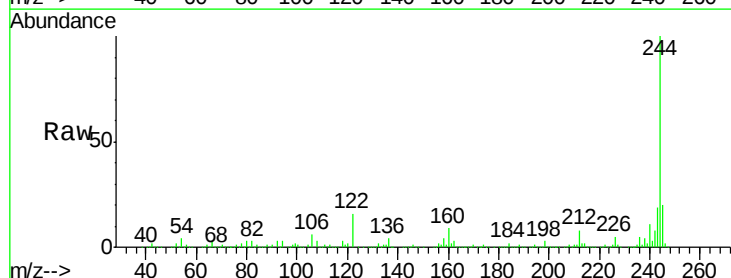


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

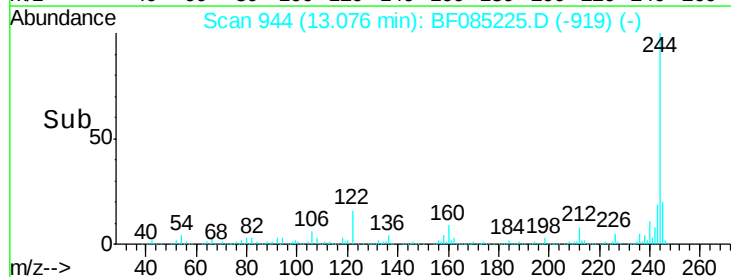
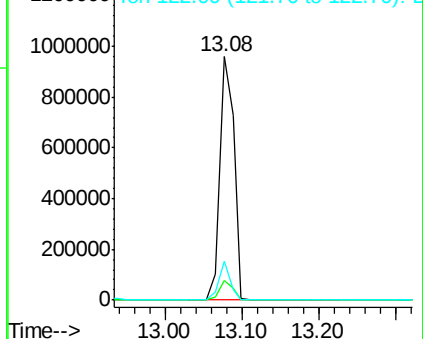


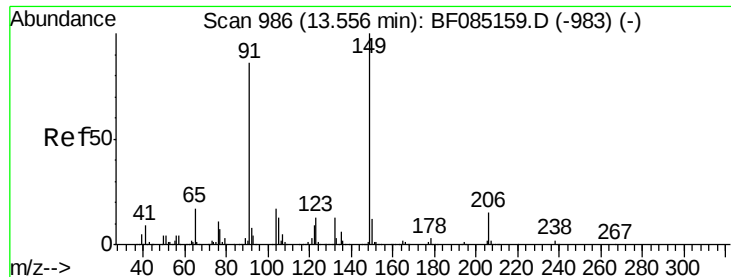
#78
Terphenyl-d14
Concen: 87.80 ng
RT: 13.08 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF085225.D
Acq: 5 Mar 2016 1:44

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.4	9.6
122	15.8	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





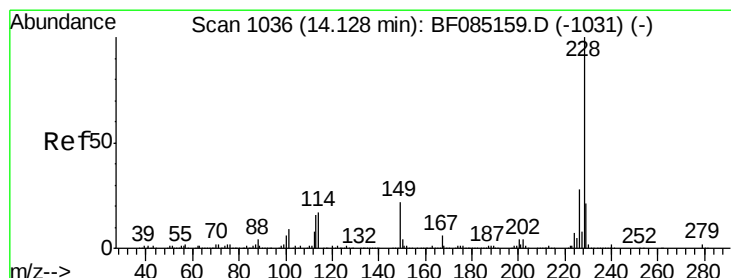
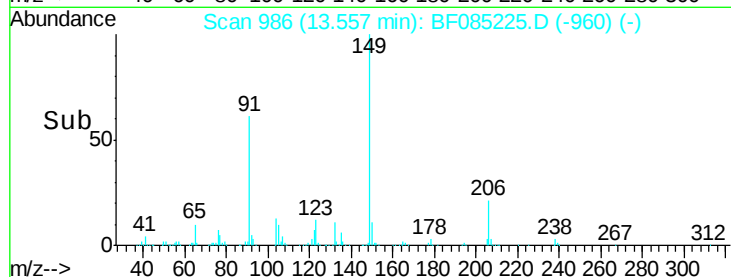
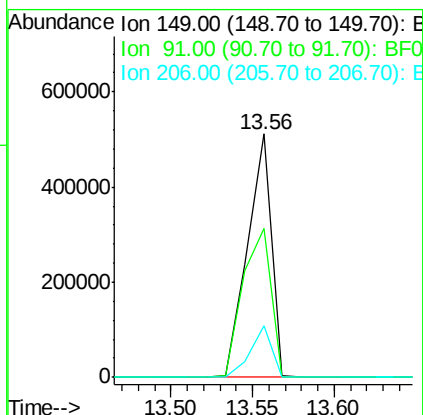
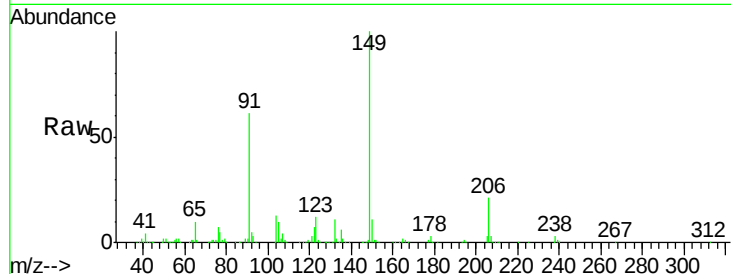
#79
Butylbenzylphthalate
Concen: 46.53 ng
RT: 13.56 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF085225.D
Acq: 5 Mar 2016 1:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
91	60.9	69.0	103.4#
206	21.0	12.3	18.5#

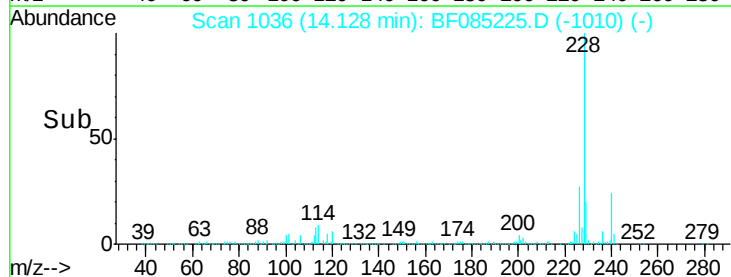
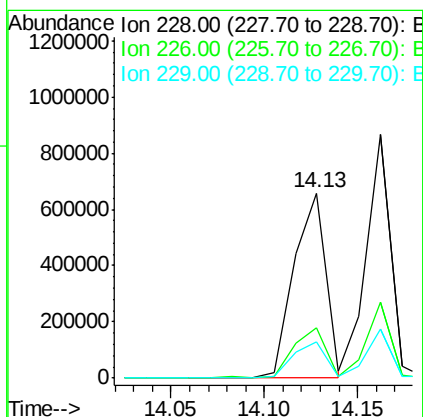
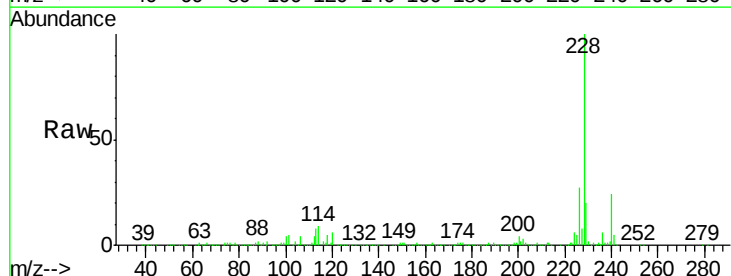
Manual Integrations
APPROVED

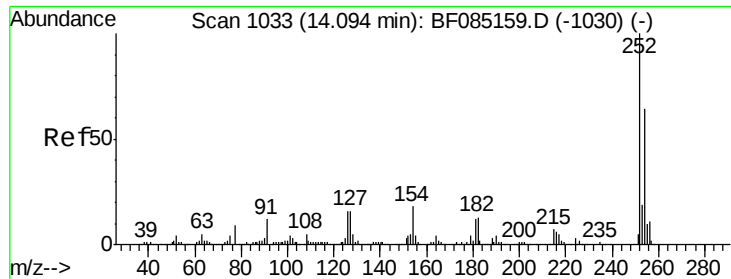
UMANGI
3/7/2016 3:30:51 PM



#80
Benzo(a)anthracene
Concen: 40.20 ng
RT: 14.13 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF085225.D
Acq: 5 Mar 2016 1:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.8	34.2
229	19.7	16.6	24.8





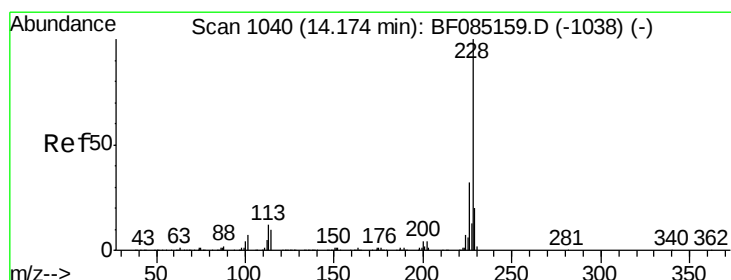
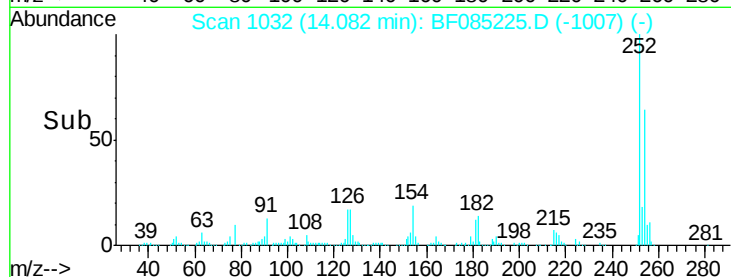
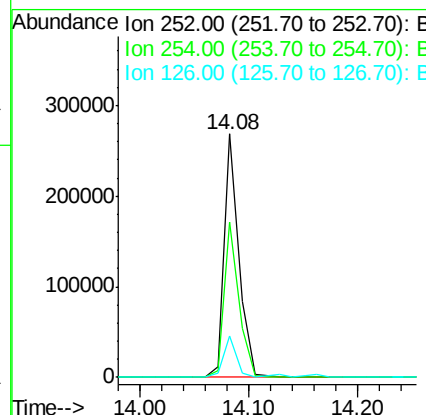
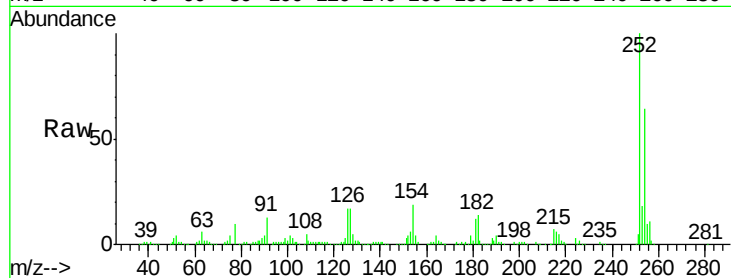
#81
 3,3'-Dichlorobenzidine
 Concen: 41.16 ng
 RT: 14.08 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF085225.D
 Acq: 5 Mar 2016 1:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
252	100	254476		
254	64.0		51.4	77.0
126	17.1		12.9	19.3

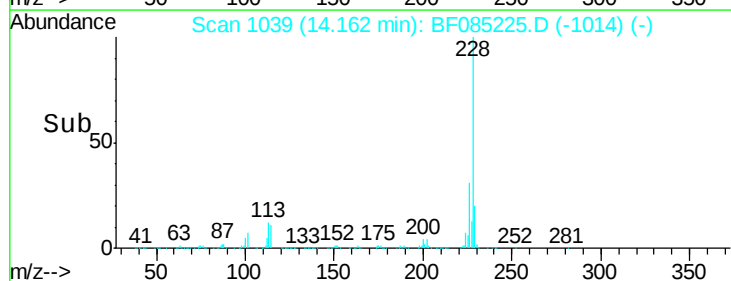
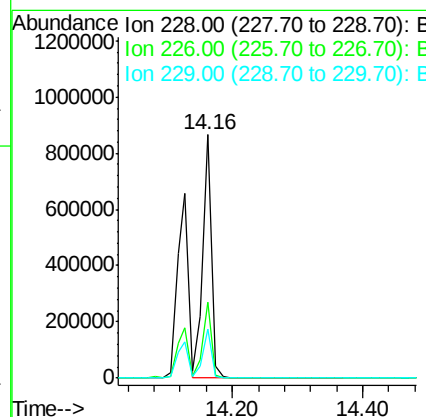
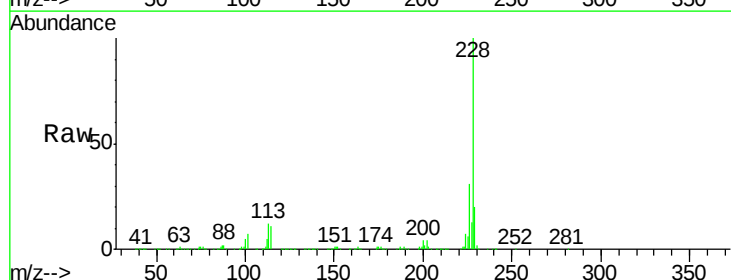
Manual Integrations
 APPROVED

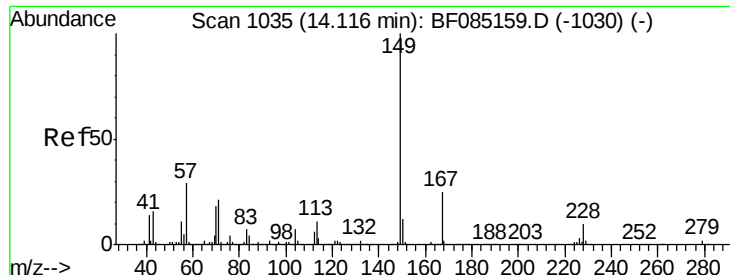
UMANGI
 3/7/2016 3:30:51 PM



#82
 Chrysene
 Concen: 43.51 ng
 RT: 14.16 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF085225.D
 Acq: 5 Mar 2016 1:44

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	787761		
226	31.0		25.2	37.8
229	20.0		16.0	24.0





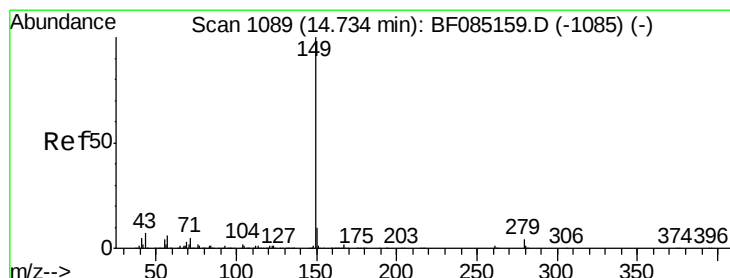
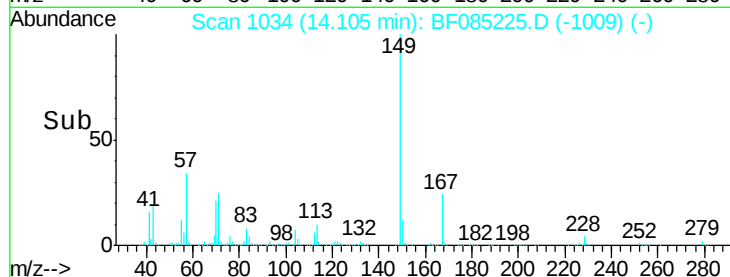
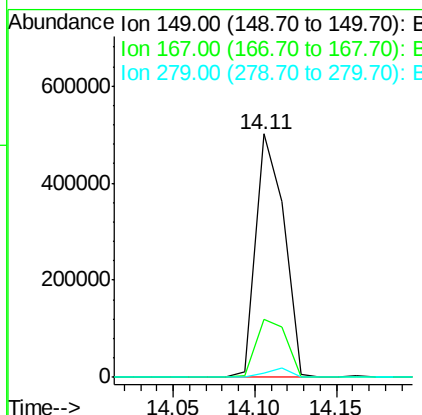
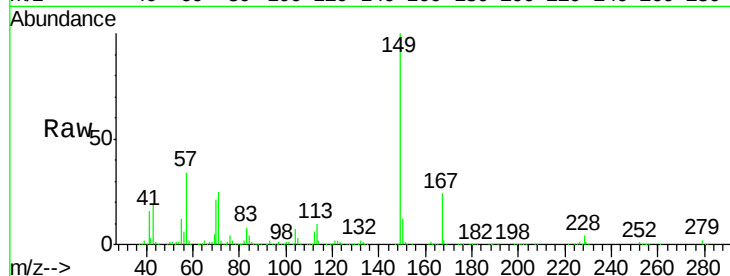
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.11 ng
 RT: 14.11 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF085225.D
 Acq: 5 Mar 2016 1:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
167	24.1	20.3	30.5
279	1.7	1.9	2.9

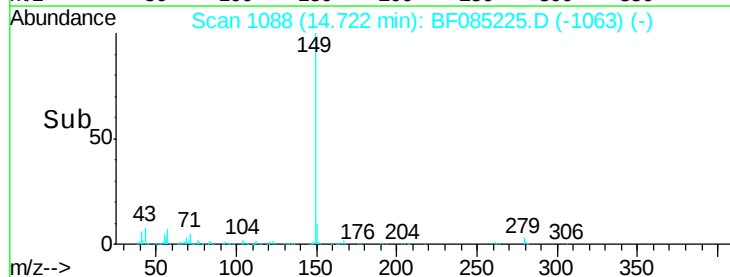
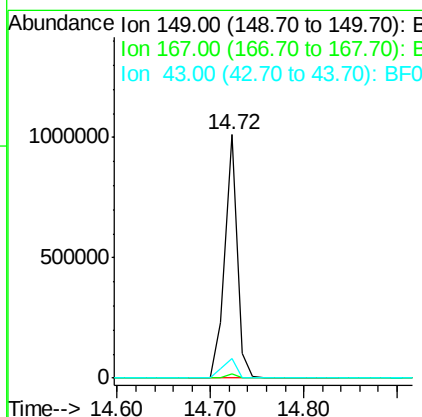
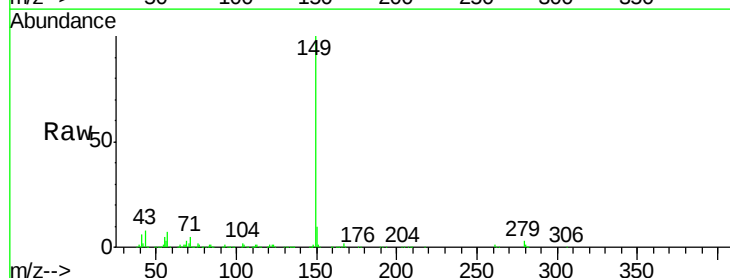
Manual Integrations
 APPROVED

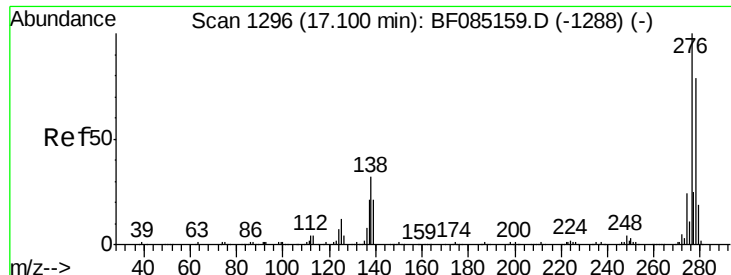
UMANGI
 3/7/2016 3:30:51 PM



#84
 Di-n-octyl phthalate
 Concen: 41.48 ng
 RT: 14.72 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BF085225.D
 Acq: 5 Mar 2016 1:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	9.2	7.8	11.8





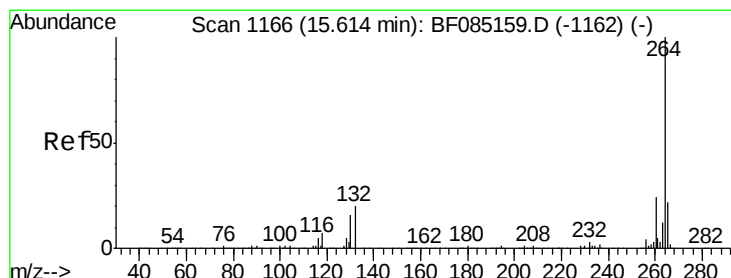
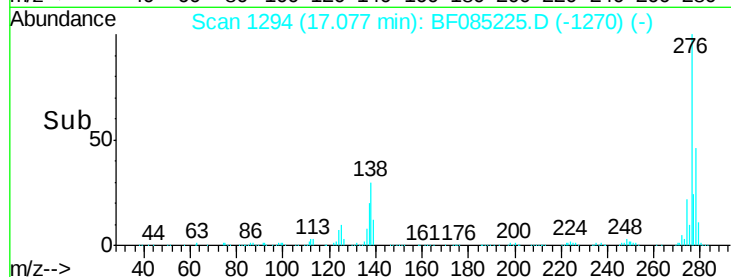
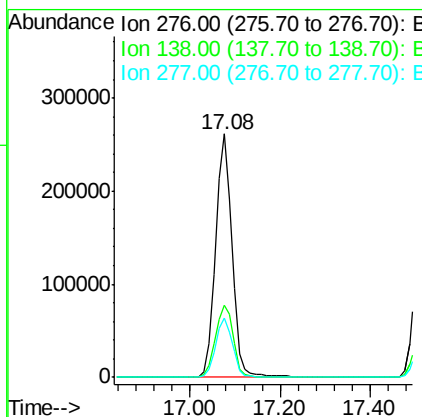
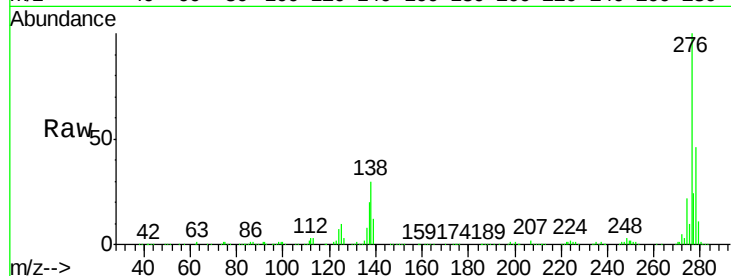
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.43 ng
RT: 17.08 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF085225.D
Acq: 5 Mar 2016 1:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.3	26.4	39.6
277	25.0	20.2	30.2

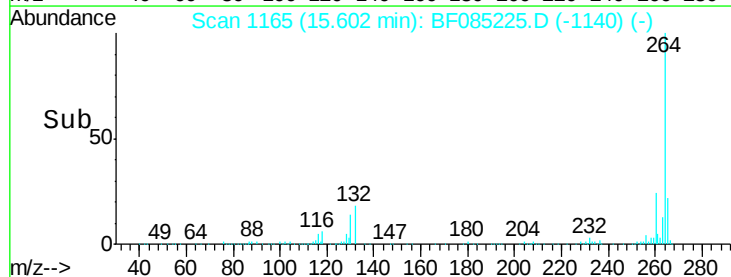
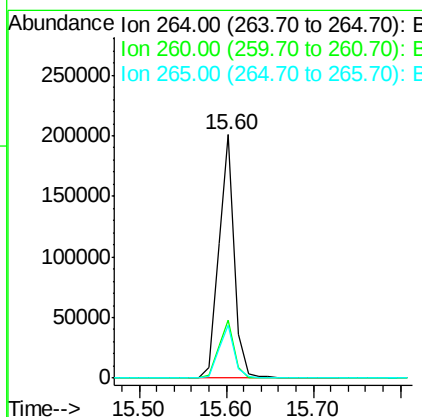
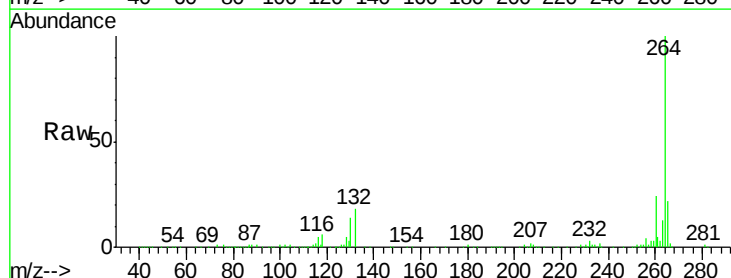
Manual Integrations
APPROVED

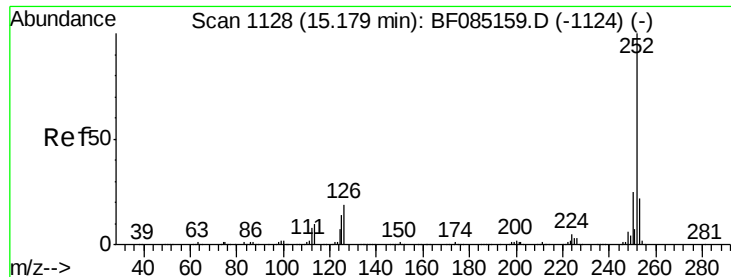
UMANGI
3/7/2016 3:30:51 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF085225.D
Acq: 5 Mar 2016 1:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.7	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 43.74 ng

RT: 15.17 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF085225.D

Acq: 5 Mar 2016 1:44

Instrument :

BNA_F

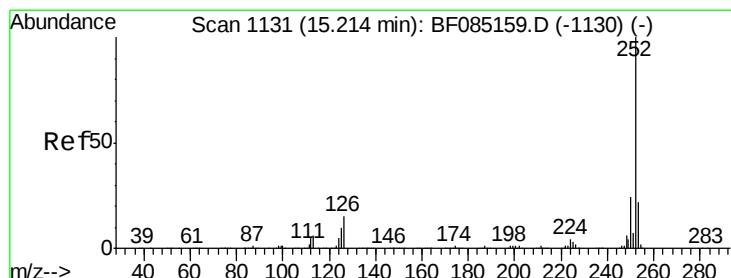
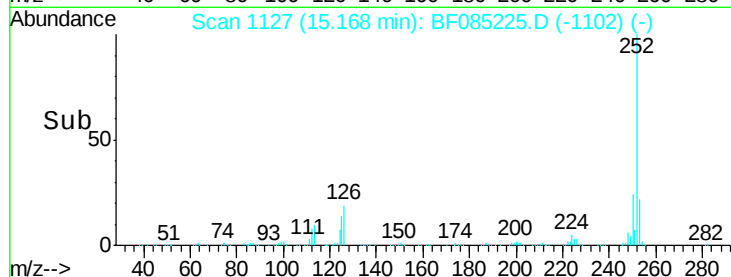
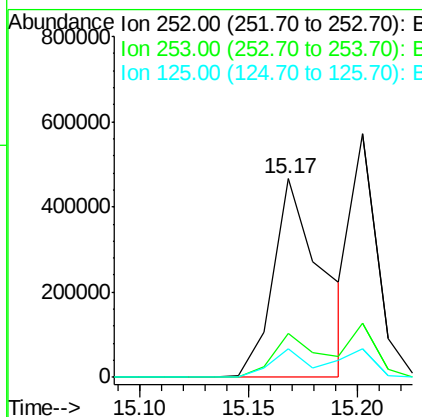
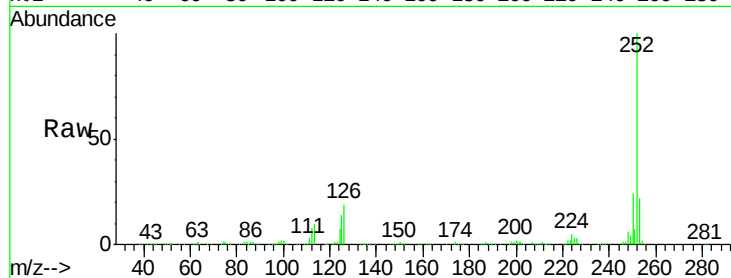
ClientSampleId :

SSTDCCC040EC

Tot Ion:	252	Resp:	733138
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.8	26.6
125	14.2	11.3	16.9

Manual Integrations
APPROVED

UMANGI
3/7/2016 3:30:51 PM



#88

Benzo(k)fluoranthene

Concen: 34.75 ng m

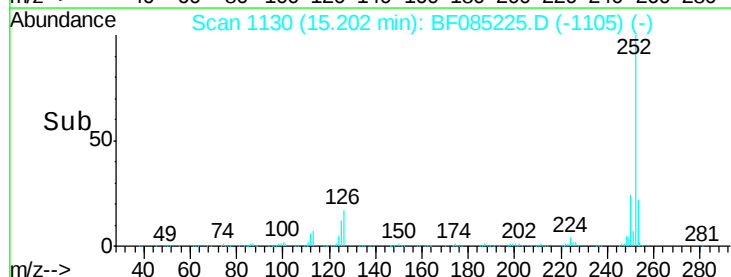
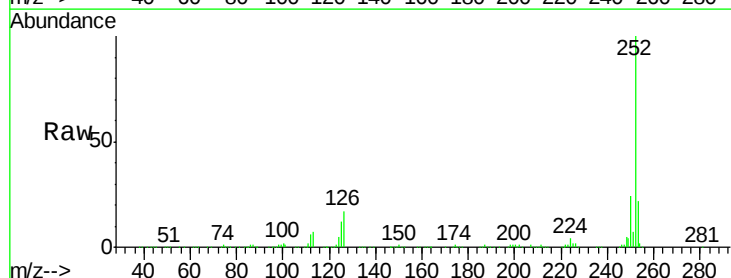
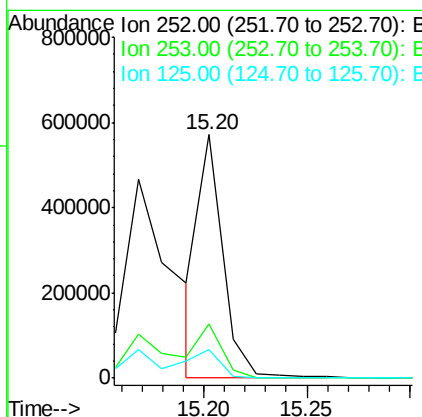
RT: 15.20 min Scan# 1130

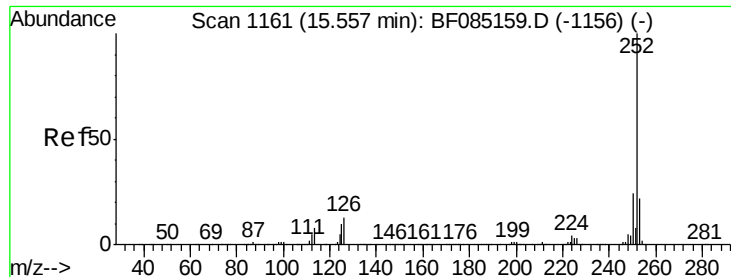
Delta R.T. -0.01 min

Lab File: BF085225.D

Acq: 5 Mar 2016 1:44

Tgt Ion:	252	Resp:	469846
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.6
125	11.7	10.4	15.6





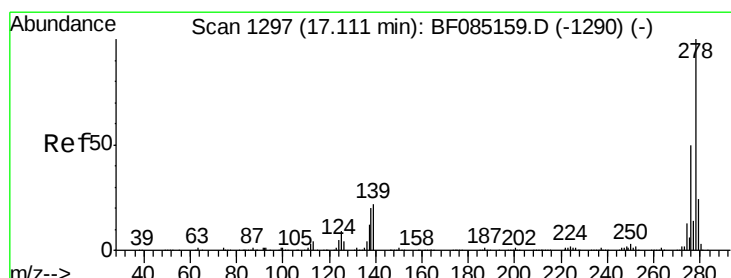
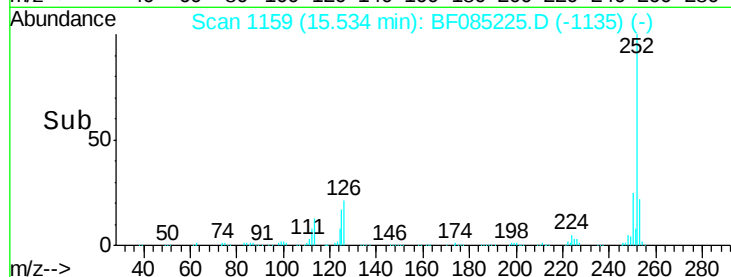
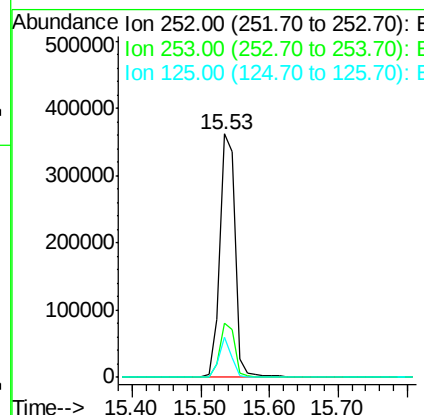
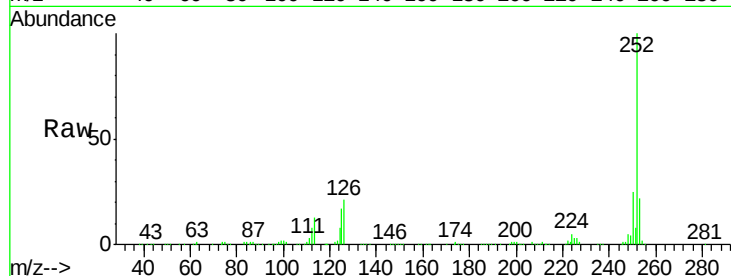
#89
Benzo(a)pyrene
Concen: 41.17 ng
RT: 15.53 min Scan# 1159
Delta R.T. -0.02 min
Lab File: BF085225.D
Acq: 5 Mar 2016 1:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	16.6	8.2	12.4

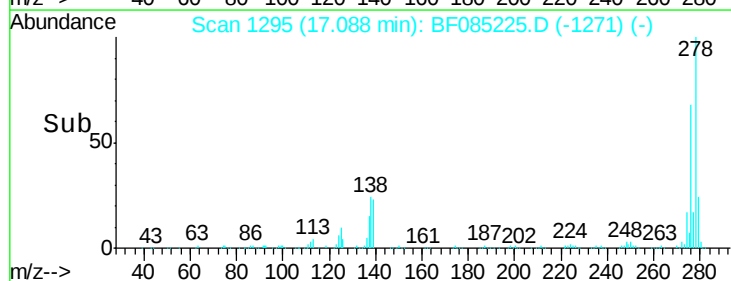
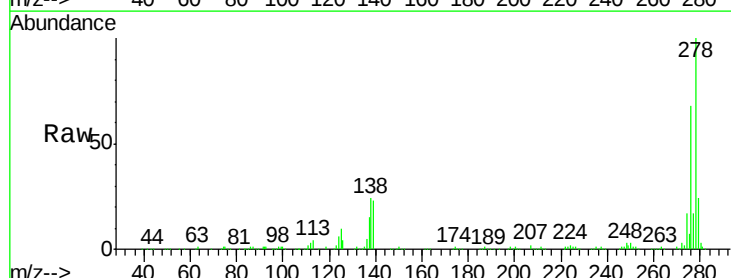
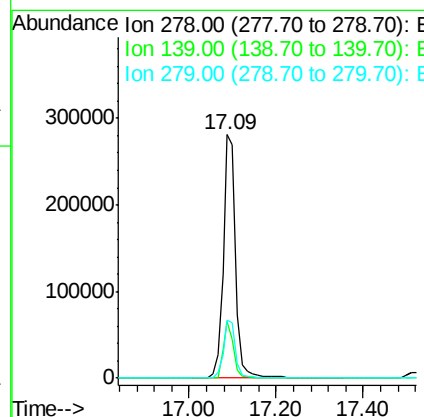
Manual Integrations
APPROVED

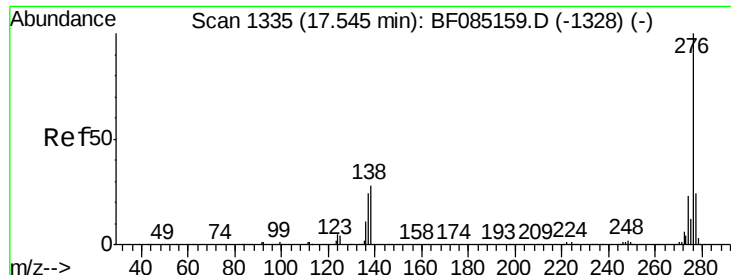
UMANGI
3/7/2016 3:30:51 PM



#90
Dibenzo(a,h)anthracene
Concen: 47.62 ng
RT: 17.09 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF085225.D
Acq: 5 Mar 2016 1:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.3	17.3	25.9
279	23.8	19.2	28.8





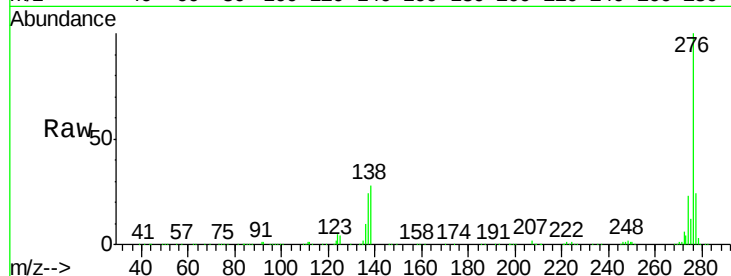
#91
 Benzo(a,h,i)perylene
 Concen: 48.55 ng
 RT: 17.52 min Scan# 1333
 Delta R.T. -0.02 min
 Lab File: BF085225.D
 Acq: 5 Mar 2016 1:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	276	Resp:	578800
Ion Ratio	Lower	Upper	
276	100		
277	23.6	19.0	28.4
138	28.1	22.5	33.7

Manual Integrations
 APPROVED

UMANGI
 3/7/2016 3:30:51 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

