

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
 Data File : BF087543.D
 Acq On : 30 May 2016 10:46
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

umangi
 5/31/2016 7:40:36 PM

Quant Time: May 31 13:17:45 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 31 00:45:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	137657	20.00	ng	0.00
21) Naphthalene-d8	9.51	136	548820	20.00	ng	0.00
38) Acenaphthene-d10	12.33	164	253266	20.00	ng	0.00
63) Phenanthrene-d10	14.74	188	447236	20.00	ng	0.00
75) Chrysene-d12	18.45	240	312248	20.00	ng	0.00
86) Perylene-d12	20.15	264	265320	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	619741	79.11	ng	0.00
7) Phenol-d6	7.04	99	818628	77.33	ng	0.00
23) Nitrobenzene-d5	8.40	82	898095	82.47	ng	-0.01
41) 2,4,6-Tribromophenol	13.63	330	183412	75.36	ng	0.00
44) 2-Fluorobiphenyl	11.28	172	1386038	77.15	ng	-0.01
78) Terphenyl-d14	17.09	244	1227904	83.60	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.76	88	142238	34.41	ng	# 74
3) Pyridine	2.34	79	322374m	35.67	ng	
4) n-Nitrosodimethylamine	2.32	42	291243	41.83	ng	# 39
6) Aniline	6.98	93	533452	38.96	ng	93
8) 2-Chlorophenol	7.15	128	385011	39.41	ng	87
9) Benzaldehyde	6.81	77	230366	39.42	ng	98
10) Phenol	7.05	94	465762	40.29	ng	74
11) bis(2-Chloroethyl)ether	7.12	93	366582	39.18	ng	88
12) 1,3-Dichlorobenzene	7.37	146	400292	37.56	ng	# 94
13) 1,4-Dichlorobenzene	7.50	146	427990m	39.12	ng	
14) 1,2-Dichlorobenzene	7.74	146	397987	39.33	ng	99
15) Benzyl Alcohol	7.78	79	329827	42.74	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	7.96	45	775206	36.82	ng	87
17) 2-Methylphenol	8.00	107	295772	37.78	ng	# 90
18) Hexachloroethane	8.24	117	161103	39.48	ng	94
19) n-Nitroso-di-n-propylamine	8.20	70	311911	39.51	ng	# 74
20) 3+4-Methylphenols	8.26	107	371315	39.23	ng	# 58
22) Acetophenone	8.17	105	533591	40.70	ng	# 95
24) Nitrobenzene	8.43	77	472365	41.09	ng	98
25) Isophorone	8.82	82	779186	39.90	ng	99
26) 2-Nitrophenol	8.94	139	186774	39.75	ng	# 71
27) 2,4-Dimethylphenol	9.07	122	330023	40.46	ng	# 84
28) bis(2-Chloroethoxy)methane	9.20	93	419710	38.15	ng	98
29) 2,4-Dichlorophenol	9.36	162	303956	41.35	ng	98
30) 1,2,4-Trichlorobenzene	9.44	180	332746	39.54	ng	99
31) Naphthalene	9.54	128	1109382	40.34	ng	100
32) Benzoic acid	9.44	122	103167	27.41	ng	# 77
33) 4-Chloroaniline	9.69	127	439481	43.39	ng	# 87
34) Hexachlorobutadiene	9.75	225	199557	39.01	ng	99
35) Caprolactam	10.35	113	86892	40.50	ng	# 62
36) 4-Chloro-3-methylphenol	10.56	107	355905	42.82	ng	# 85
37) 2-Methylnaphthalene	10.66	142	685818	39.92	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	10.94	216	314221	38.76	ng	99
40) Hexachlorocyclopentadiene	10.90	237	38892	19.74	ng	96

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
 Data File : BF087543.D
 Acq On : 30 May 2016 10:46
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

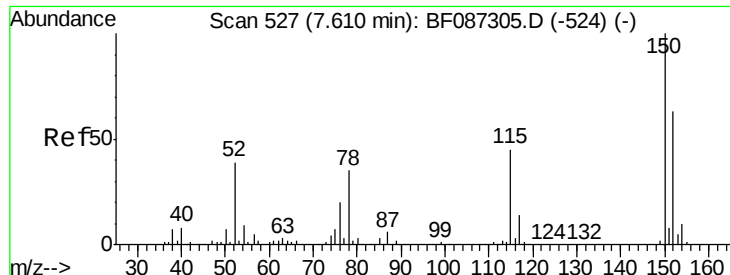
Manual Integrations
 APPROVED

umangi
 5/31/2016 7:40:36 PM

Quant Time: May 31 13:17:45 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 31 00:45:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.18	196	185948	39.74	nq	95
43) 2,4,5-Trichlorophenol	11.28	196	167681	35.19	nq #	80
45) 1,1'-Biphenyl	11.44	154	850116	39.87	nq	99
46) 2-Chloronaphthalene	11.45	162	628239	38.51	nq #	92
47) 2-Nitroaniline	11.68	65	257566	43.82	nq #	66
48) Acenaphthylene	12.10	152	999802	38.71	nq	99
49) Dimethylphthalate	11.99	163	782247	38.56	nq	100
50) 2,6-Dinitrotoluene	12.09	165	161831	39.59	nq #	73
51) Acenaphthene	12.39	154	627068	39.50	nq	98
52) 3-Nitroaniline	12.37	138	176230	42.00	nq #	75
53) 2,4-Dinitrophenol	12.65	184	27499	18.61	nq #	77
54) Dibenzofuran	12.67	168	840493	39.11	nq	92
55) 4-Nitrophenol	12.81	139	52665	26.31	nq #	50
56) 2,4-Dinitrotoluene	12.77	165	221668	40.57	nq	93
57) Fluorene	13.23	166	729105	39.12	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.93	232	126393	34.48	nq	97
59) Diethylphthalate	13.13	149	768038	38.94	nq	99
60) 4-Chlorophenyl-phenylether	13.26	204	344478	37.90	nq	89
61) 4-Nitroaniline	13.37	138	156160	39.88	nq #	57
62) Azobenzene	13.51	77	738498	36.09	nq	83
64) 4,6-Dinitro-2-methylphenol	13.43	198	85345	30.01	nq #	51
65) n-Nitrosodiphenylamine	13.47	169	599068	41.42	nq	99
66) 4-Bromophenyl-phenylether	14.03	248	195483	39.95	nq	92
67) Hexachlorobenzene	14.11	284	213839	41.79	nq #	77
68) Atrazine	14.39	200	130101	28.22	nq	92
69) Pentachlorophenol	14.50	266	37160	27.74	nq	97
70) Phenanthrene	14.78	178	1004443	40.55	nq	100
71) Anthracene	14.87	178	1056297	42.21	nq	98
72) Carbazole	15.17	167	878885	41.18	nq	99
73) Di-n-butylphthalate	15.73	149	1150522	41.68	nq #	98
74) Fluoranthene	16.55	202	971506	39.11	nq	94
76) Benzidine	16.79	184	288077	35.86	nq	98
77) Pyrene	16.85	202	1003141	44.63	nq	99
79) Butylbenzylphthalate	17.75	149	416247	41.76	nq #	67
80) Benzo(a)anthracene	18.43	228	725425	40.84	nq	99
81) 3,3'-Dichlorobenzidine	18.41	252	393504	40.10	nq	98
82) Chrysene	18.48	228	683324	38.77	nq	99
83) Bis(2-ethylhexyl)phthalate	18.49	149	571976	39.33	nq	95
84) Di-n-octyl phthalate	19.26	149	855542	38.57	nq #	83
85) Indeno(1,2,3-cd)pyrene	21.36	276	645287	45.67	nq	93
87) Benzo(b)fluoranthene	19.71	252	583991m	34.55	nq	
88) Benzo(k)fluoranthene	19.75	252	699563m	48.09	nq	
89) Benzo(a)pyrene	20.08	252	566665	38.77	nq	98
90) Dibenzo(a,h)anthracene	21.35	278	526846	42.26	nq	95
91) Benzo(g,h,i)perylene	21.74	276	446727	36.32	nq #	92

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



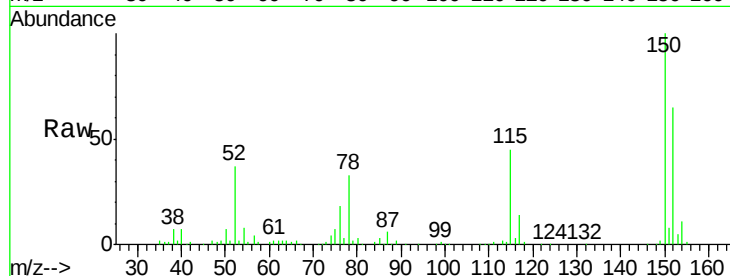
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.47 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: BF087543.D
 Acq: 30 May 2016 10:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	125.8	188.6
115	68.9	51.5	77.3

Manual Integrations
 APPROVED

umangi
 5/31/2016 7:40:36 PM



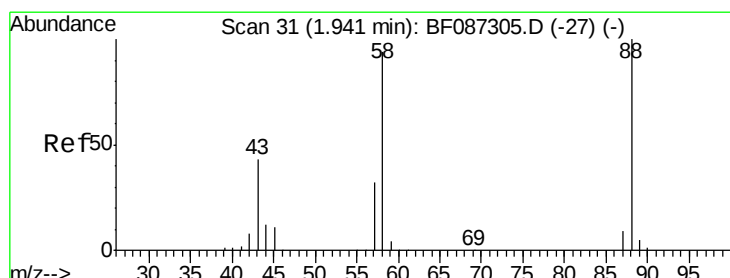
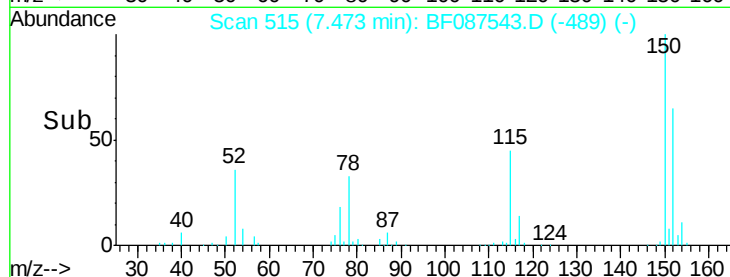
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

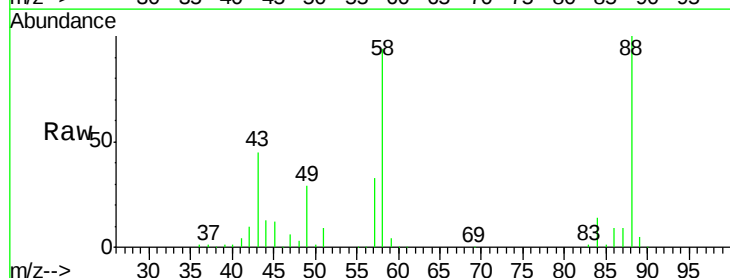
Ion 115.00 (114.70 to 115.70): E

Time-->



#2
 1,4-Dioxane
 Concen: 34.41 ng
 RT: 1.76 min Scan# 15
 Delta R.T. 0.00 min
 Lab File: BF087543.D
 Acq: 30 May 2016 10:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.3	59.6	89.4#
43	46.9	21.8	32.6#



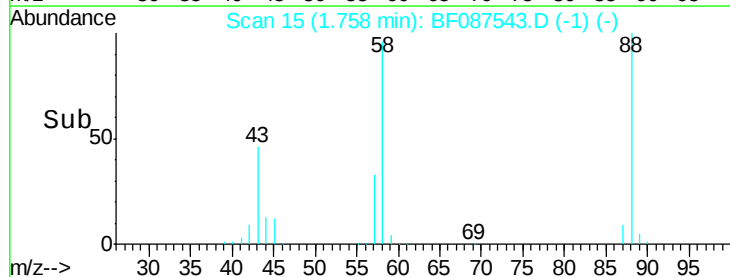
Abundance

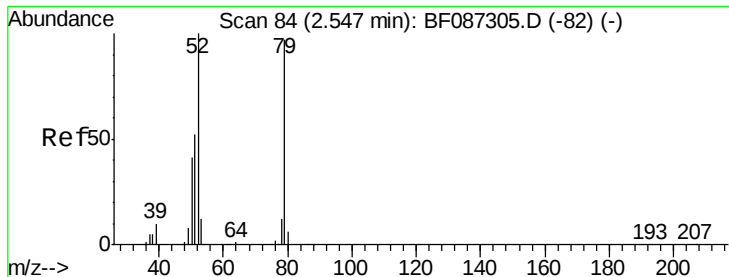
Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

Time-->





#3

Pvridine

Concen: 35.67 ng/ml

RT: 2.34 min Scan# 66

Delta R.T. 0.00 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

Instrument :

BNA_F

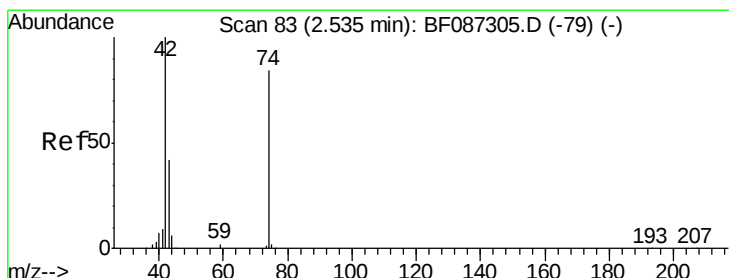
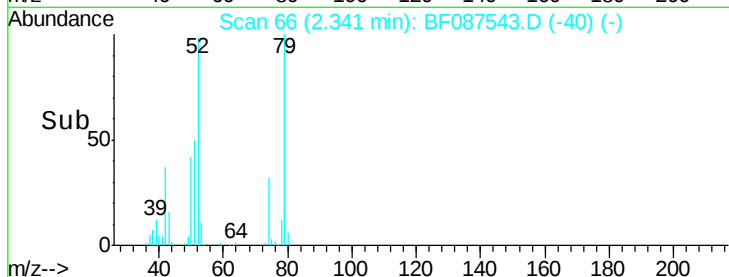
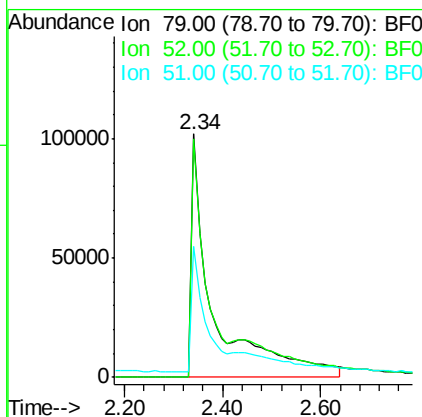
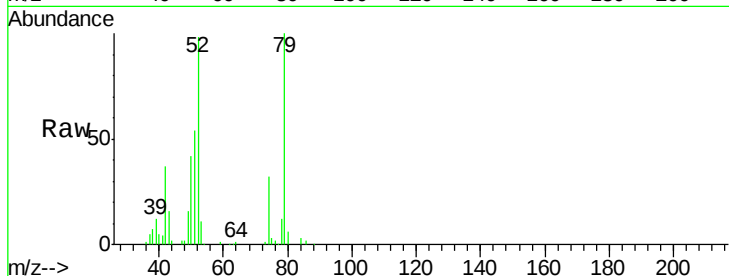
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	322374
Ion Ratio	Lower	Upper	
79	100		
52	98.1	55.9	83.9#
51	53.8	28.1	42.1#

Manual Integrations
APPROVED

umangi
5/31/2016 7:40:36 PM



#4

n-Nitrosodimethylamine

Concen: 41.83 ng/ml

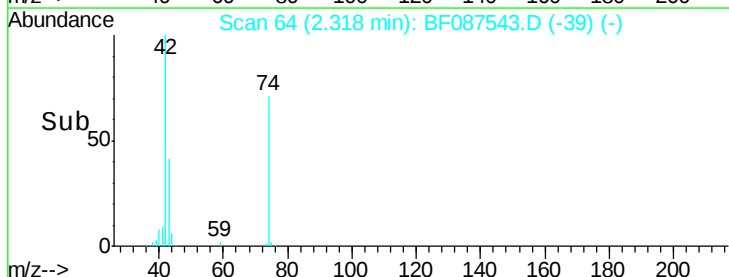
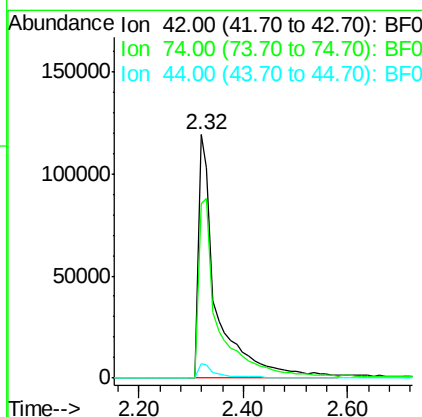
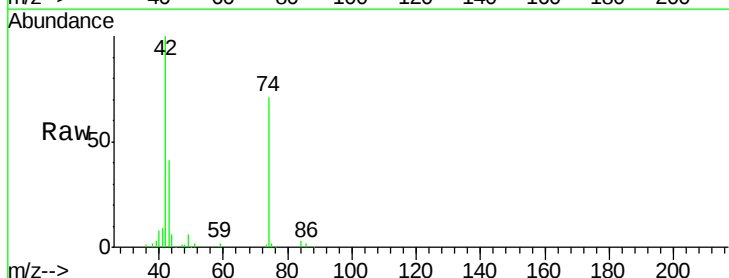
RT: 2.32 min Scan# 64

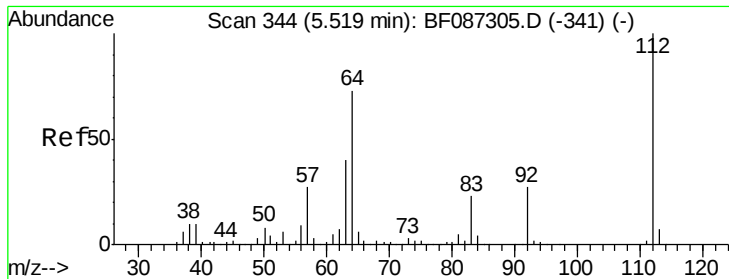
Delta R.T. -0.01 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

Tgt Ion:	42	Resp:	291243
Ion Ratio	Lower	Upper	
42	100		
74	71.5	123.4	185.0#
44	6.0	5.8	8.6





#5

2-Fluorophenol

Concen: 79.11 ng

RT: 5.37 min Scan# 331

Delta R.T. 0.00 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

Instrument :

BNA_F

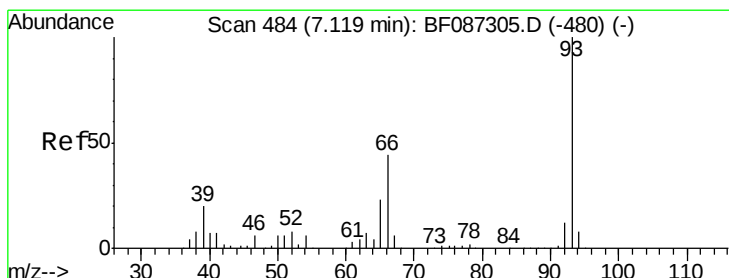
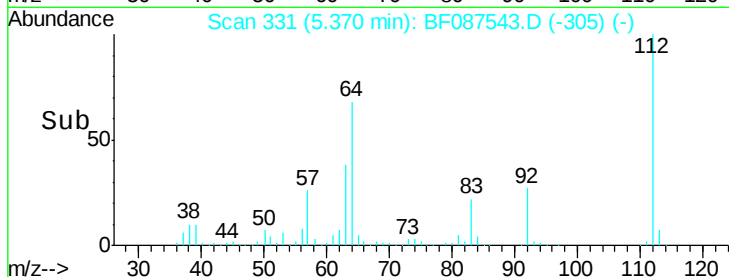
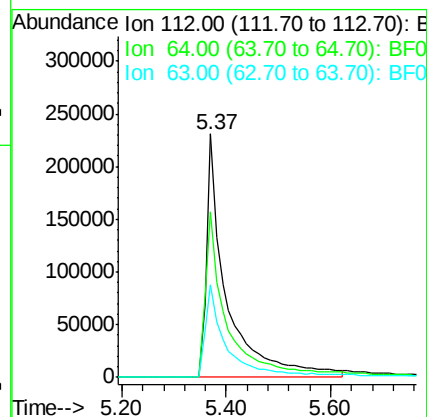
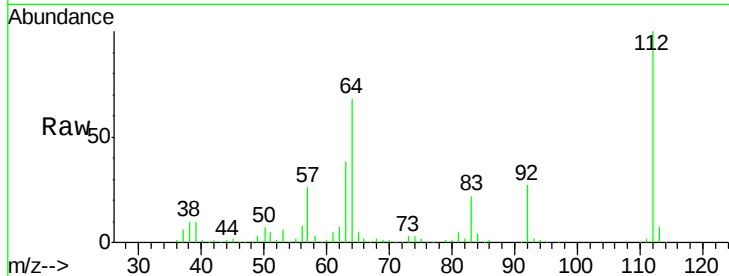
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	619741
Ion Ratio	Lower	Upper	
112	100		
64	68.0	52.1	78.1
63	38.2	25.7	38.5

Manual Integrations
APPROVED

umangi
5/31/2016 7:40:36 PM



#6

Aniline

Concen: 38.96 ng

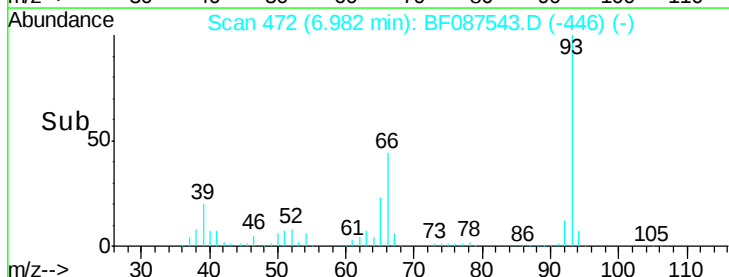
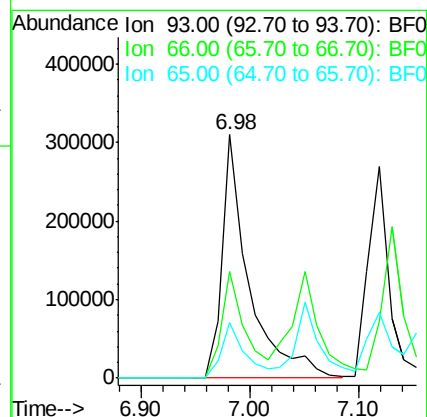
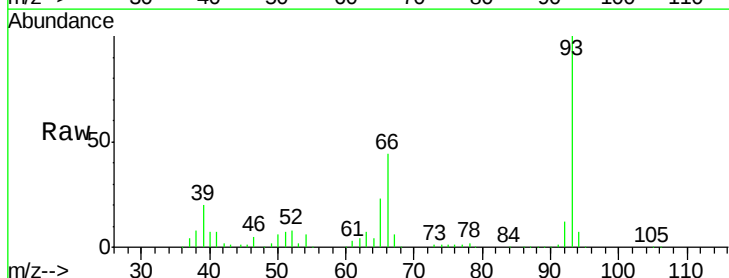
RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

Tgt Ion:	93	Resp:	533452
Ion Ratio	Lower	Upper	
93	100		
66	43.9	39.0	58.6
65	22.9	20.6	31.0





#7

Phenol-d6

Concen: 77.33 ng

RT: 7.04 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 818628

Ion Ratio Lower Upper

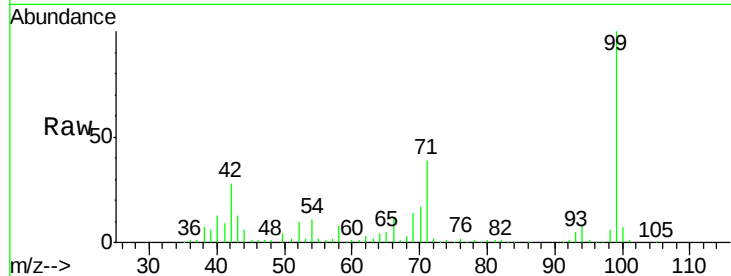
99 100

42 27.5 13.6 20.4#

71 39.2 24.6 36.8#

Manual Integrations
APPROVED

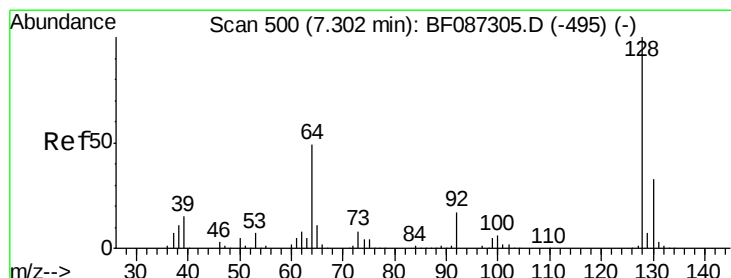
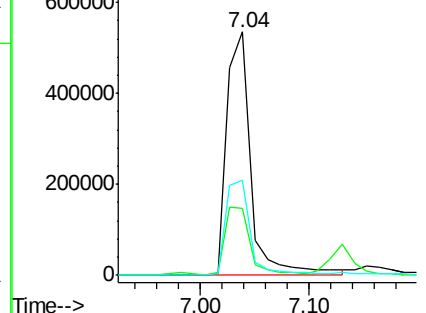
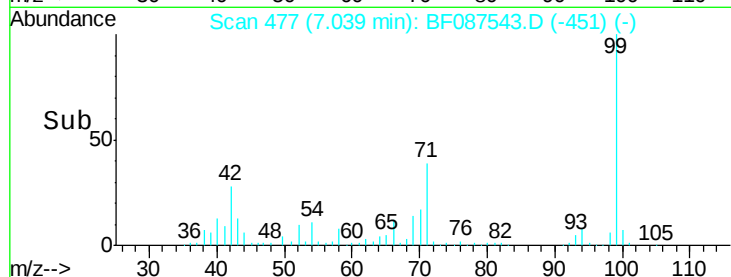
umangi
5/31/2016 7:40:36 PM



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.41 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

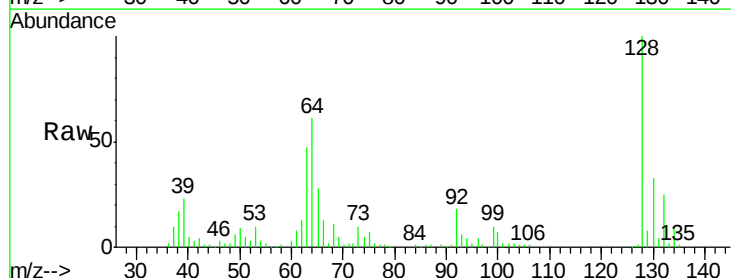
Tgt Ion: 128 Resp: 385011

Ion Ratio Lower Upper

128 100

130 32.8 12.5 52.5

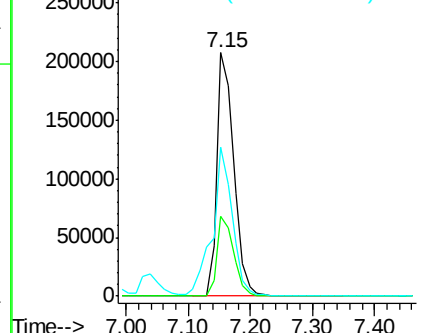
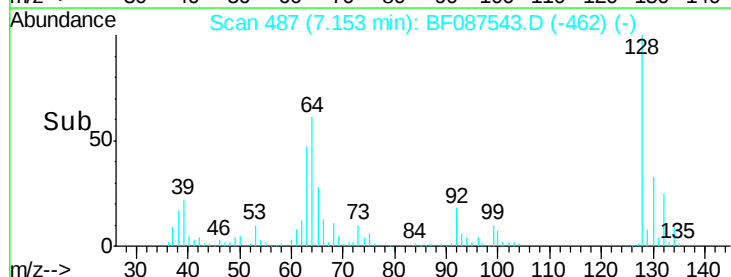
64 61.3 27.3 67.3

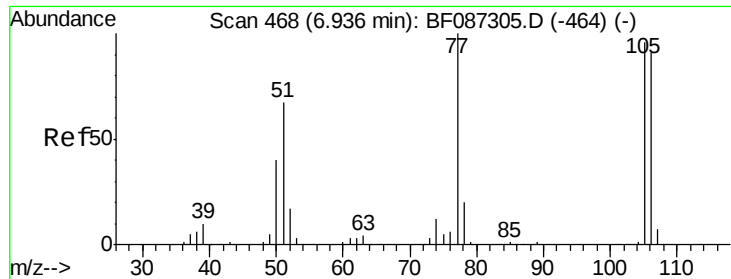


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.42 ng

RT: 6.81 min Scan# 457

Delta R.T. 0.01 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 230366

Ion Ratio Lower Upper

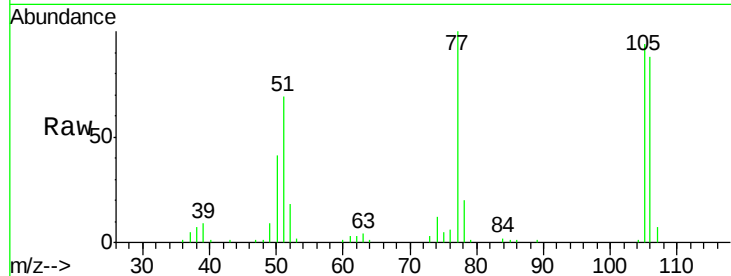
77 100

105 94.0 72.7 112.7

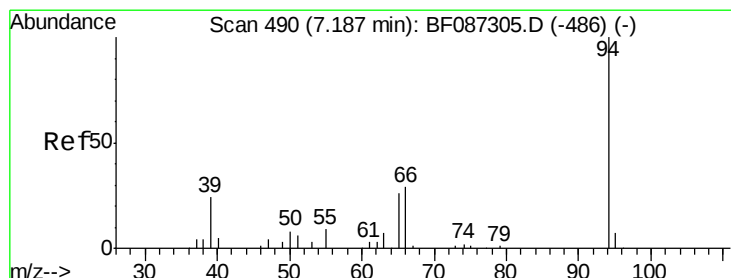
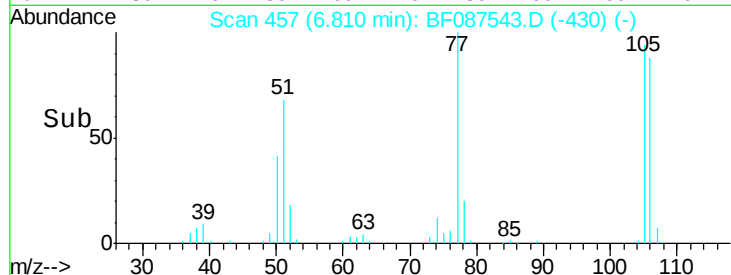
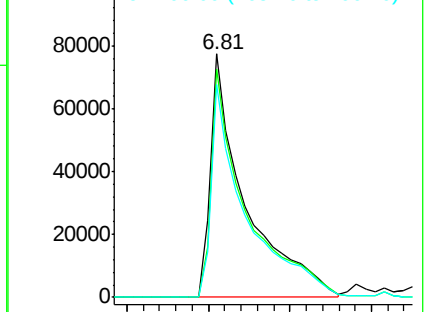
106 87.6 70.8 110.8

Manual Integrations
APPROVED

umangi
5/31/2016 7:40:36 PM



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B



#10

Phenol

Concen: 40.29 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

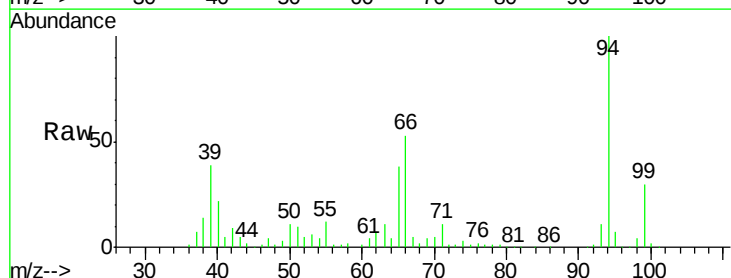
Tgt Ion: 94 Resp: 465762

Ion Ratio Lower Upper

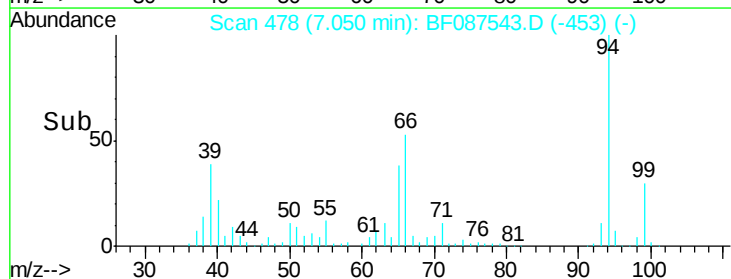
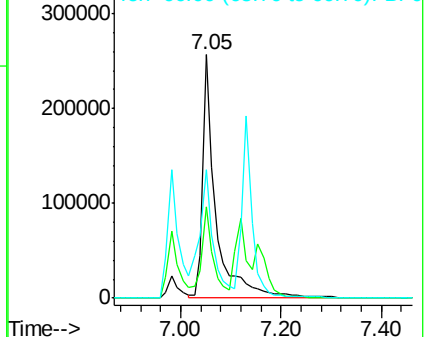
94 100

65 37.7 7.2 47.2

66 53.0 14.9 54.9



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





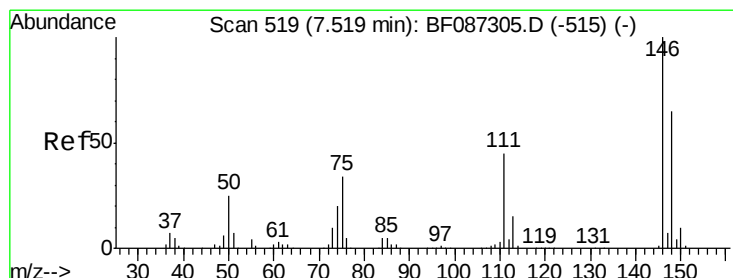
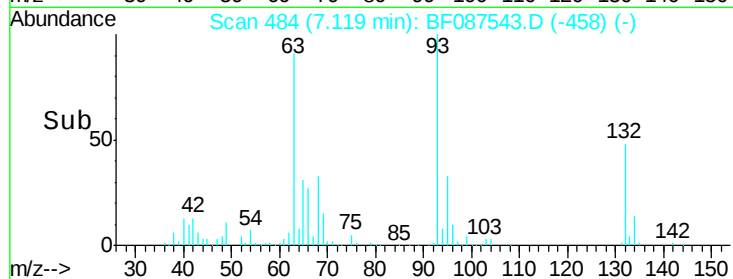
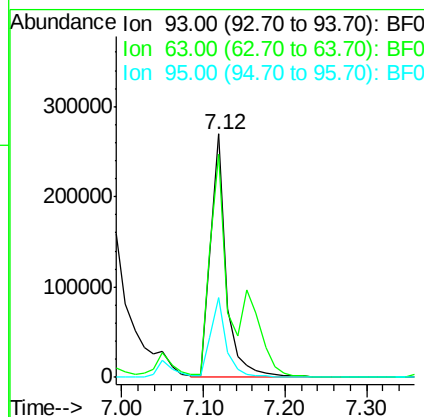
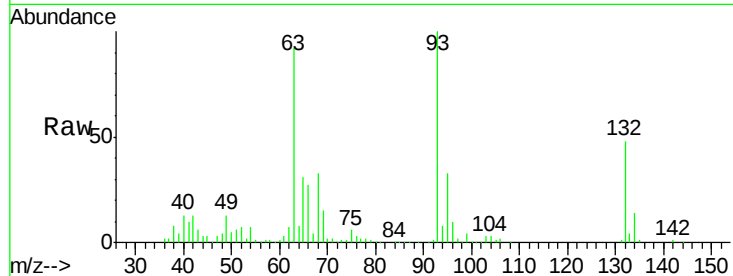
#11
bis(2-Chloroethyl)ether
Concen: 39.18 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF087543.D
Acq: 30 May 2016 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
93	100	366582		
63	91.9	58.0	98.0	
95	32.6	11.9	51.9	

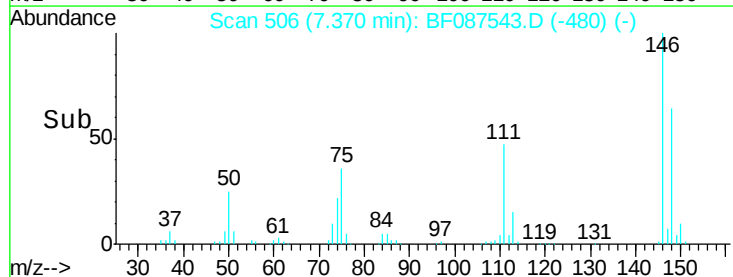
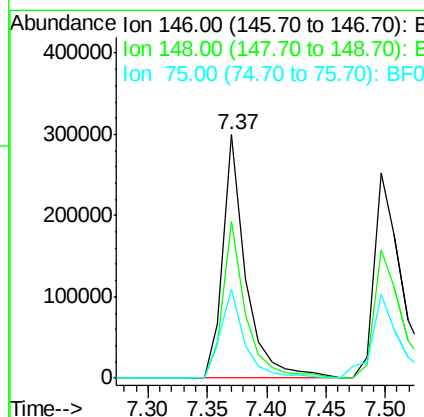
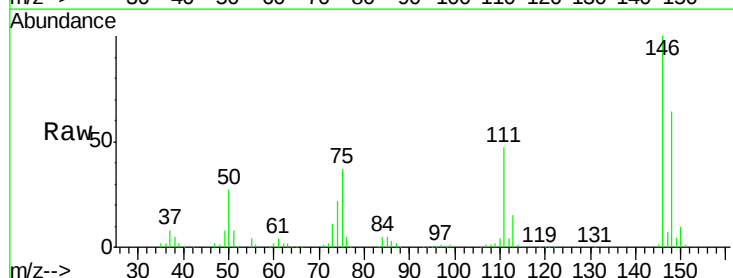
Manual Integrations
APPROVED

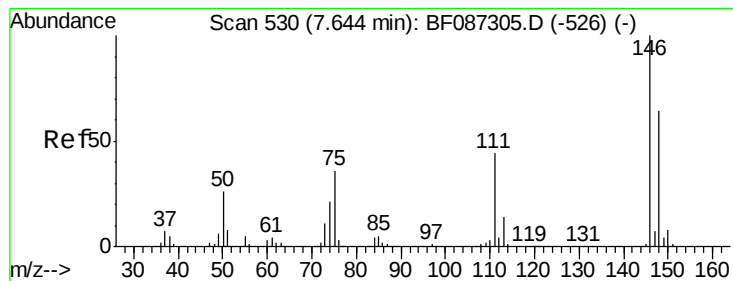
umangi
5/31/2016 7:40:36 PM



#12
1,3-Dichlorobenzene
Concen: 37.56 ng
RT: 7.37 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF087543.D
Acq: 30 May 2016 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	400292		
148	64.2	52.4	78.6	
75	36.7	22.8	34.2	





#13

1,4-Dichlorobenzene

Concen: 39.12 ng/ml

RT: 7.50 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

Instrument :

BNA_F

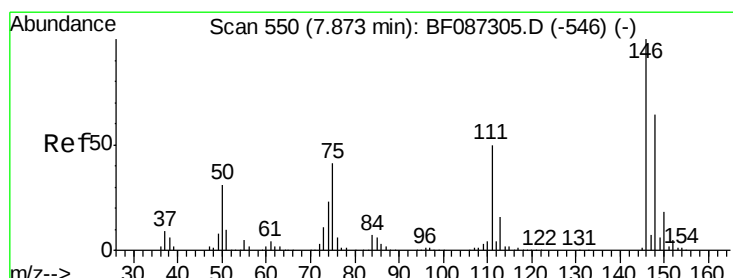
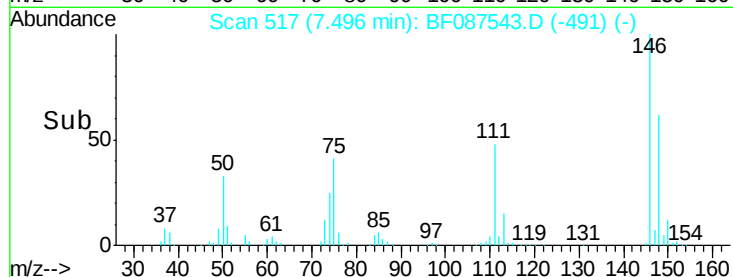
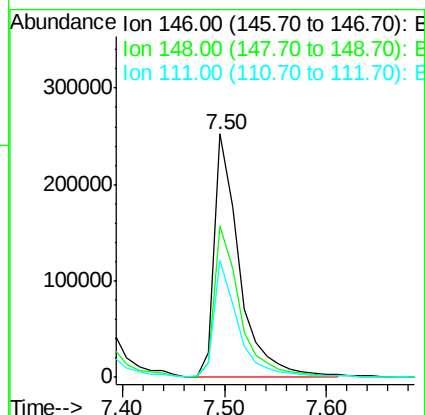
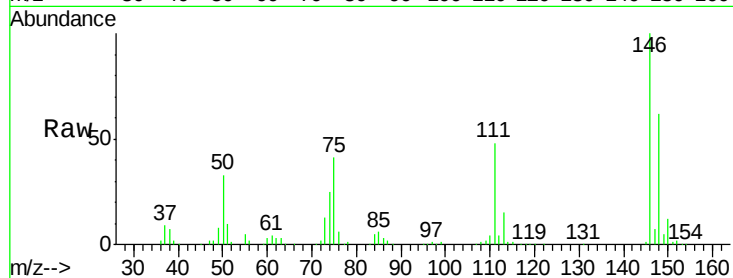
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	427990
Ion Ratio	Lower	Upper	
146	100		
148	62.3	52.2	78.4
111	47.8	30.7	46.1

Manual Integrations
APPROVED

umangi
5/31/2016 7:40:36 PM



#14

1,2-Dichlorobenzene

Concen: 39.33 ng/ml

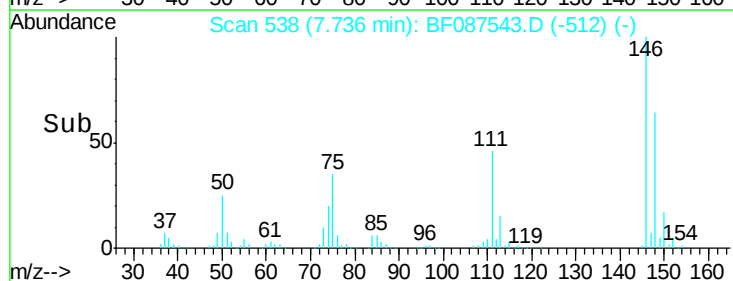
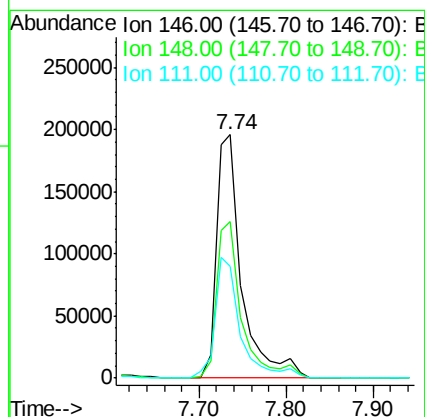
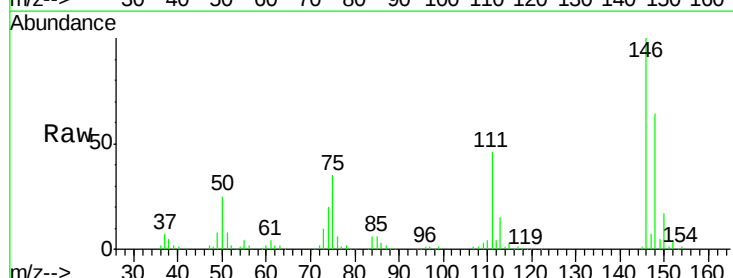
RT: 7.74 min Scan# 538

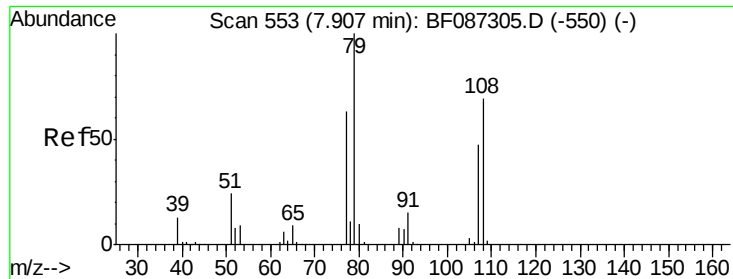
Delta R.T. 0.00 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

Tgt Ion:	146	Resp:	397987
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.0	76.6
111	45.8	36.2	54.4





#15

Benzyl Alcohol

Concen: 42.74 ng

RT: 7.78 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 329827

Ion Ratio Lower Upper

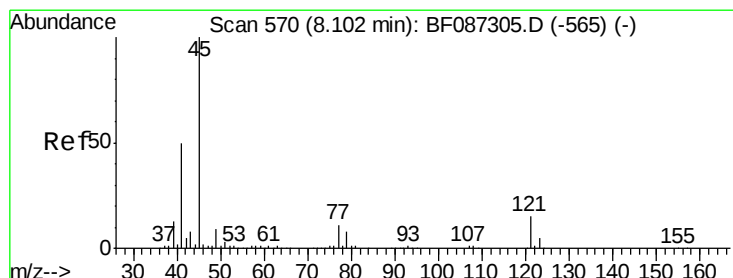
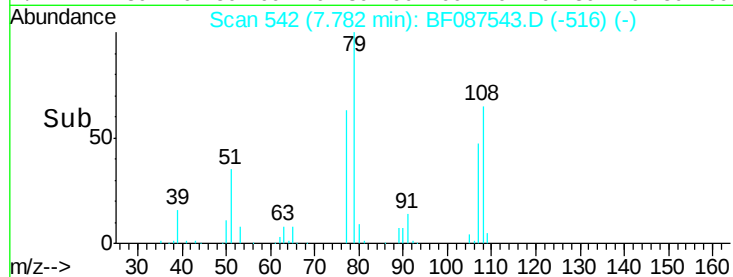
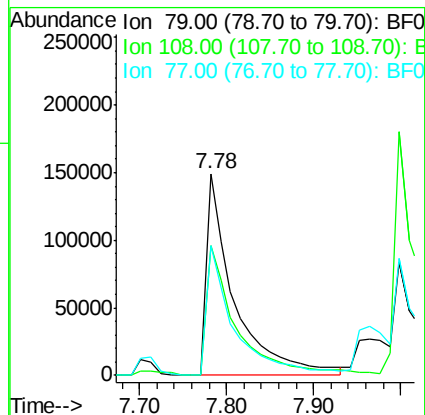
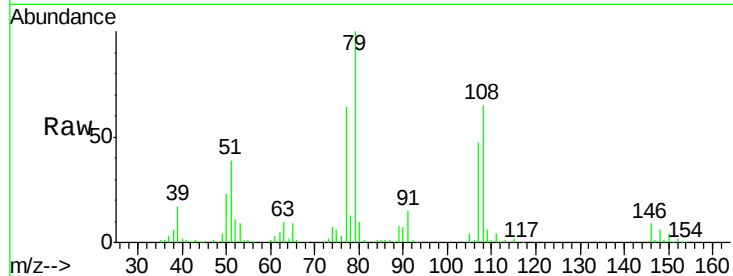
79 100

108 64.5 68.4 102.6#

77 64.0 50.6 76.0

Manual Integrations
APPROVED

umangi
5/31/2016 7:40:36 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.82 ng

RT: 7.96 min Scan# 558

Delta R.T. 0.00 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

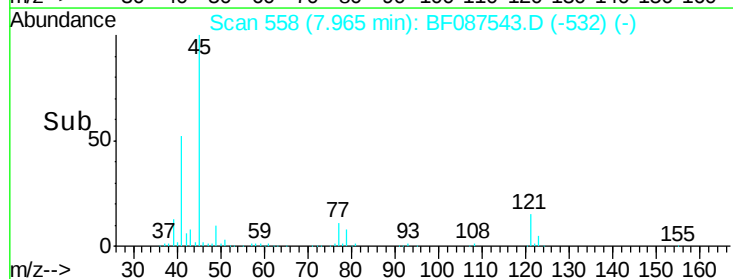
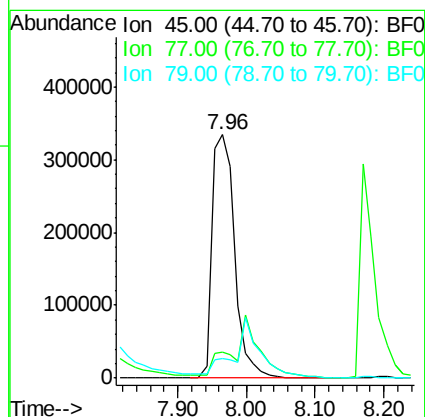
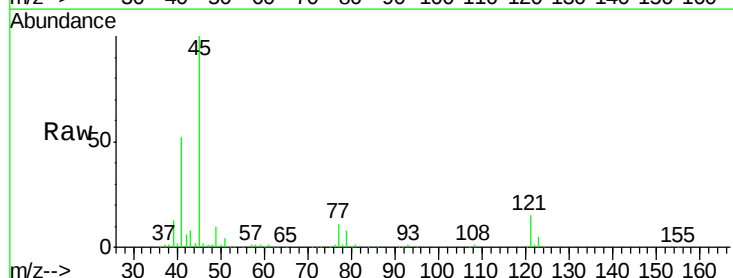
Tgt Ion: 45 Resp: 775206

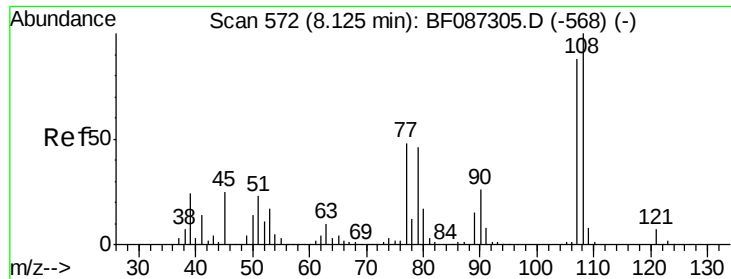
Ion Ratio Lower Upper

45 100

77 10.9 0.0 36.4

79 8.1 0.0 33.4





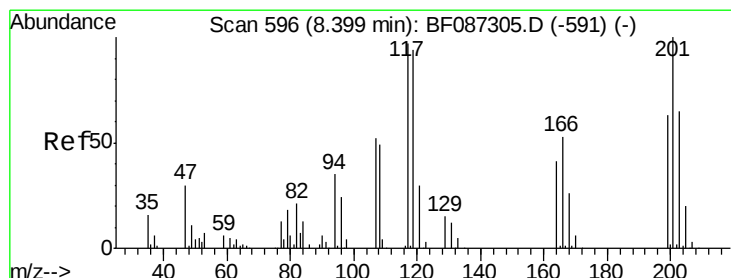
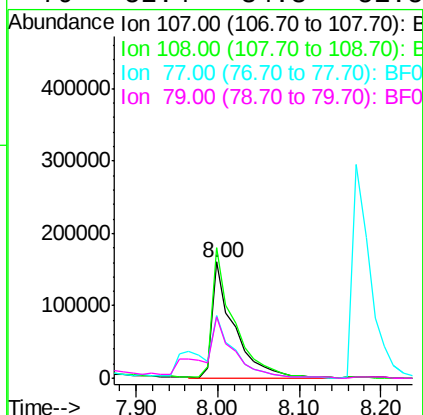
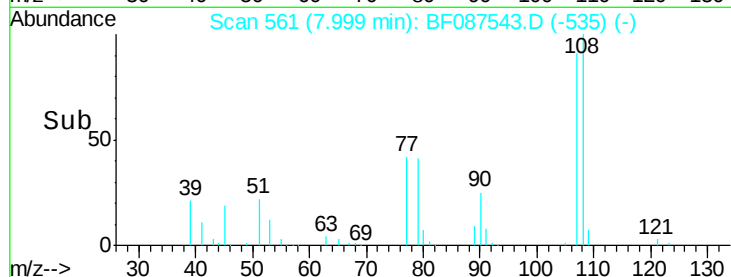
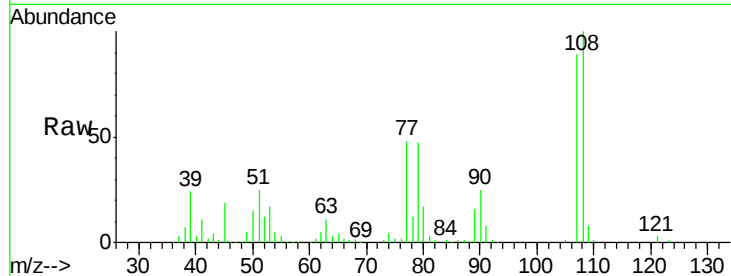
#17
2-Methylphenol
Concen: 37.78 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF087543.D
Acq: 30 May 2016 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	112.3	93.7	140.5
77	54.2	33.4	50.0
79	52.4	34.3	51.5

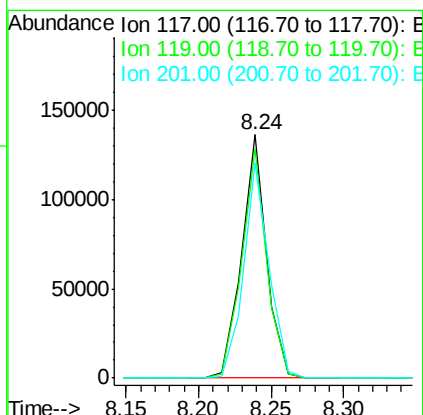
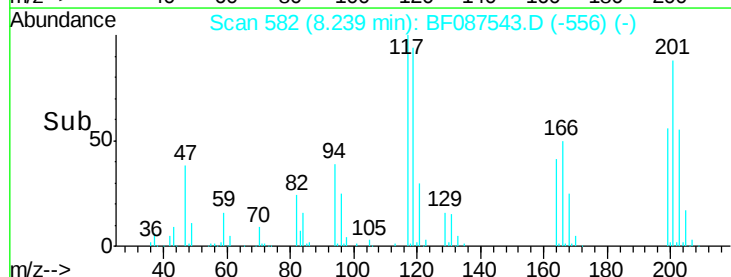
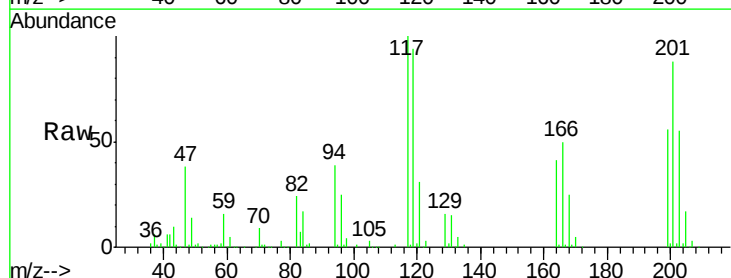
Manual Integrations
APPROVED

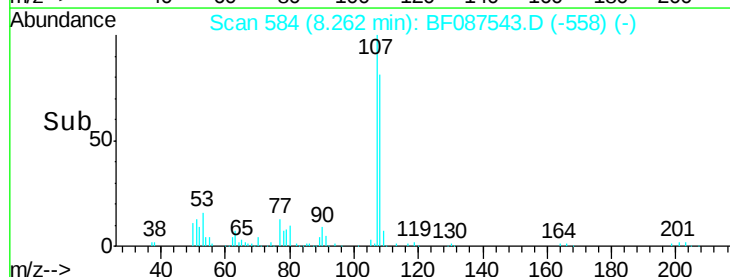
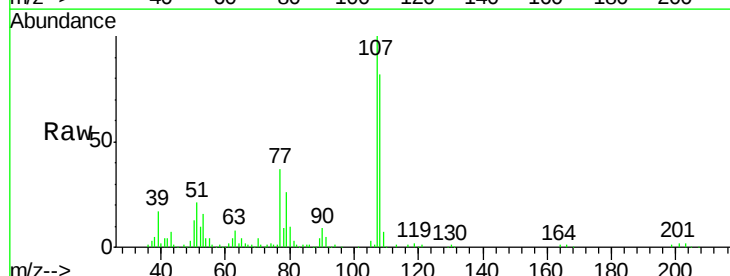
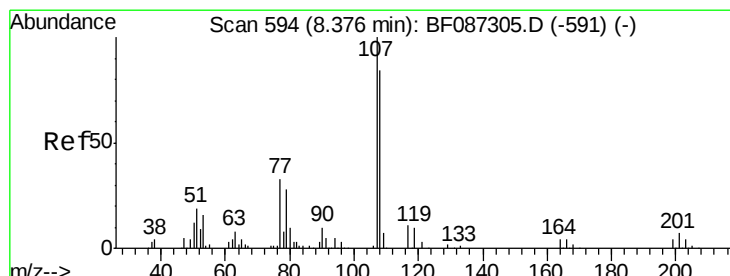
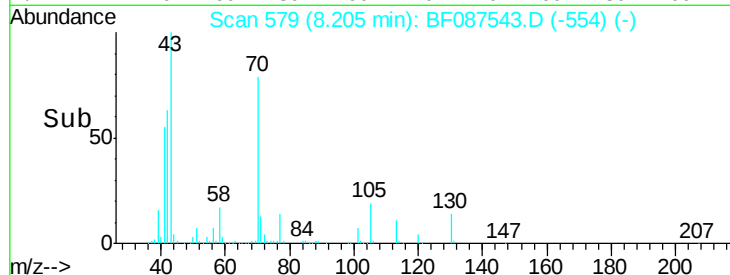
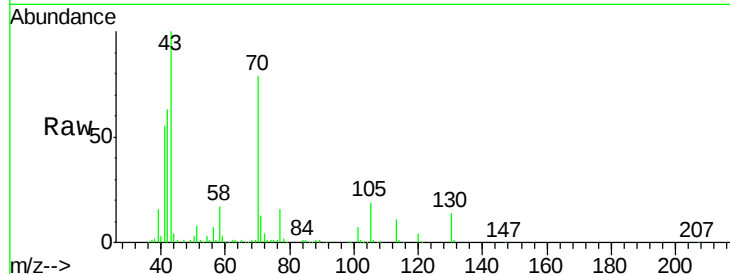
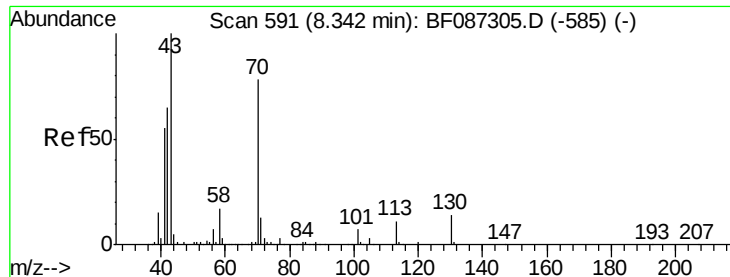
umangi
5/31/2016 7:40:36 PM



#18
Hexachloroethane
Concen: 39.48 ng
RT: 8.24 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF087543.D
Acq: 30 May 2016 10:46

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	94.3	76.5	114.7
201	88.4	63.0	94.6





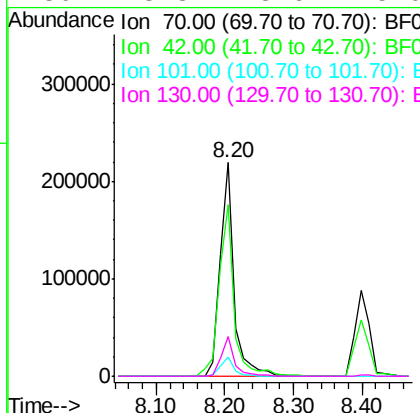
#19
n-Nitroso-di-n-propylamine
Concen: 39.51 ng
RT: 8.20 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF087543.D
Acq: 30 May 2016 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	80.4	43.1	64.7#		
101	8.8	8.1	12.1		
130	18.3	18.6	28.0#		

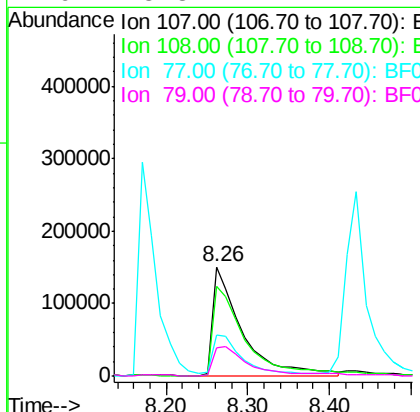
Manual Integrations
APPROVED

umangi
5/31/2016 7:40:36 PM



#20
3+4-Methylphenols
Concen: 39.23 ng
RT: 8.26 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF087543.D
Acq: 30 May 2016 10:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	81.5	68.5	108.5		
77	37.2	101.6	141.6#		
79	25.8	7.4	47.4		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.51 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

Instrument :

BNA_F

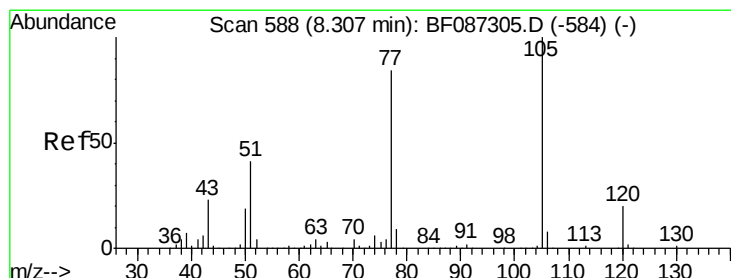
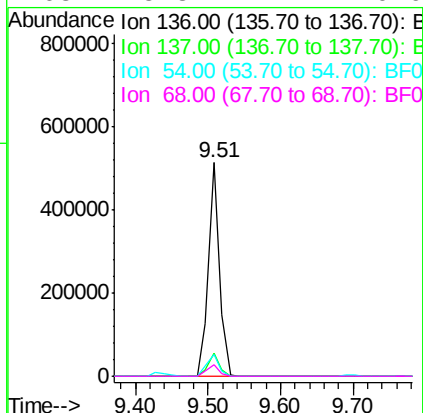
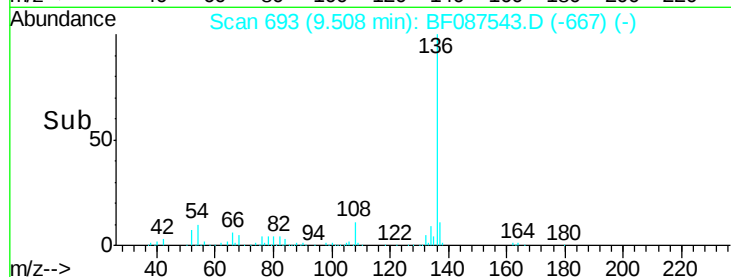
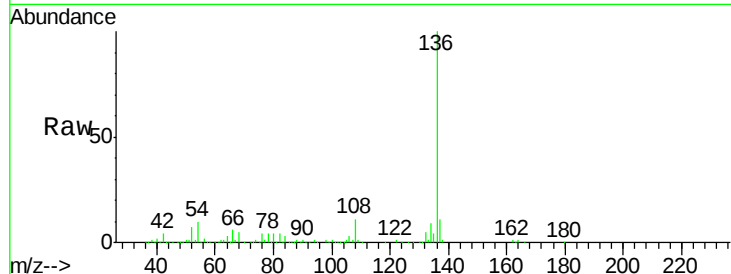
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	548820		
137	10.8	8.8	13.2	
54	10.5	5.0	7.4	
68	5.3	4.4	6.6	

Manual Integrations
APPROVED

umangi
5/31/2016 7:40:36 PM



#22

Acetophenone

Concen: 40.70 ng

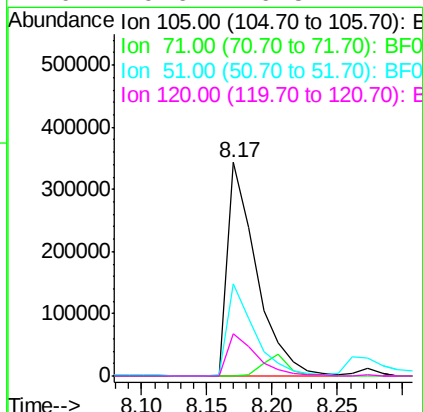
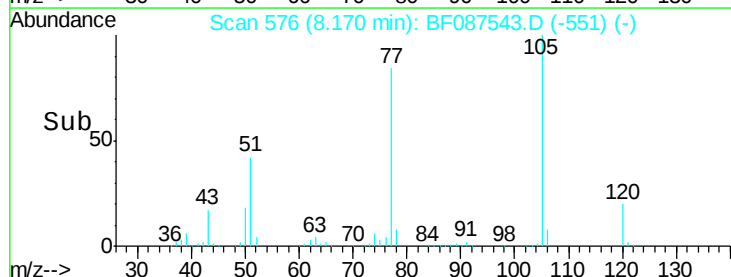
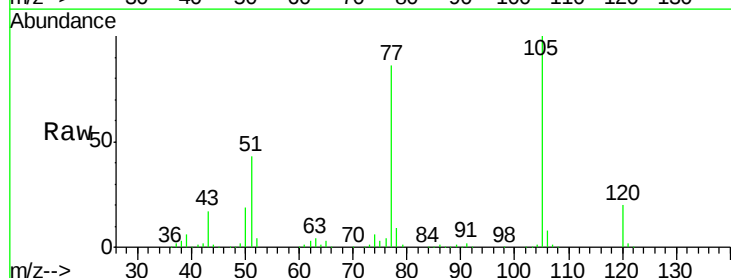
RT: 8.17 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	533591		
71	0.0	4.8	7.2	
51	43.4	32.6	49.0	
120	19.6	16.5	24.7	





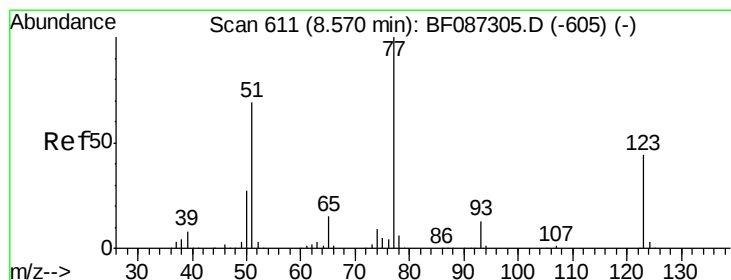
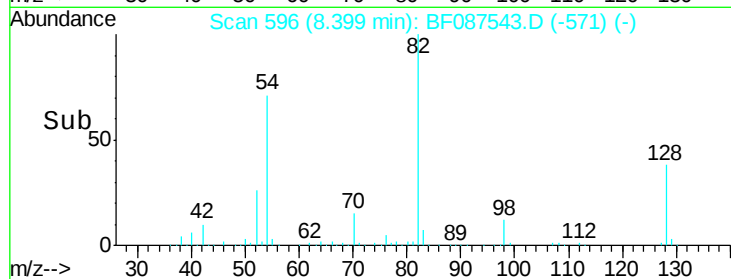
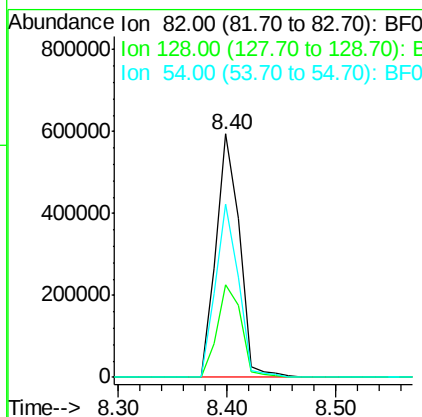
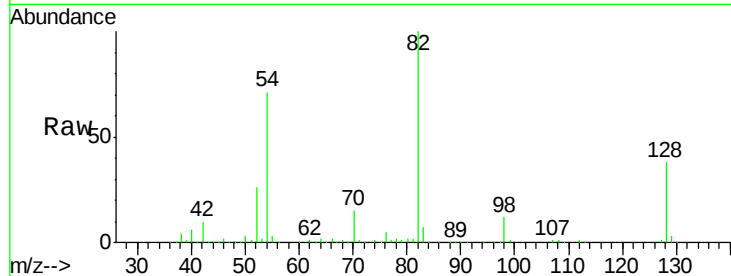
#23
 Nitrobenzene-d5
 Concen: 82.47 ng
 RT: 8.40 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF087543.D
 Acq: 30 May 2016 10:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	38.3	40.6	61.0#	
54	71.0	38.1	57.1#	

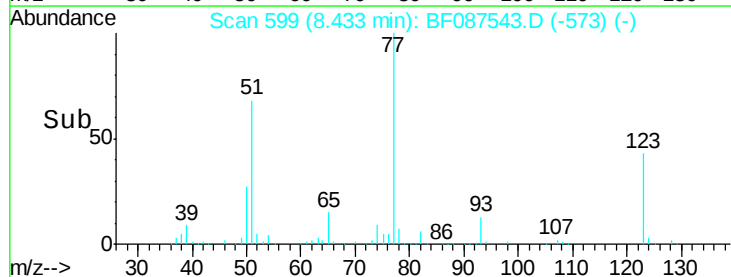
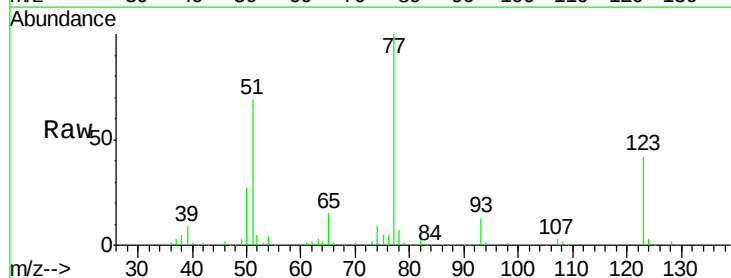
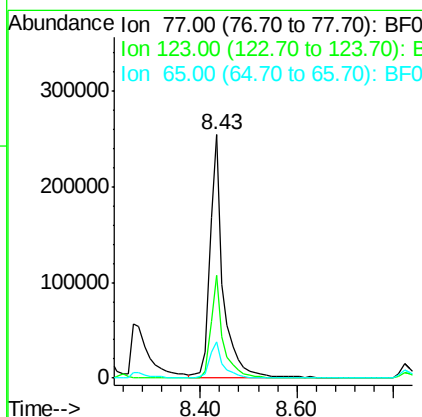
Manual Integrations
 APPROVED

umangi
 5/31/2016 7:40:36 PM



#24
 Nitrobenzene
 Concen: 41.09 ng
 RT: 8.43 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF087543.D
 Acq: 30 May 2016 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	42.5	33.0	49.4	
65	15.0	10.8	16.2	





#25

Isophorone

Concen: 39.90 ng

RT: 8.82 min Scan# 633

Delta R.T. -0.01 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

Instrument :

BNA_F

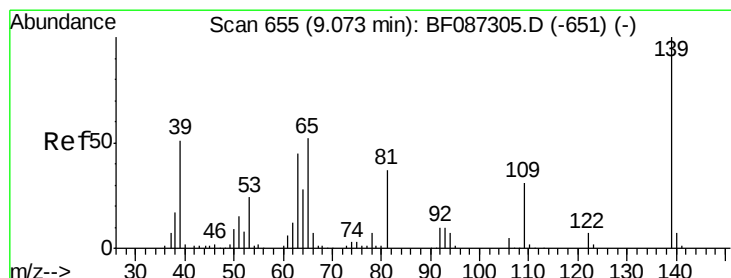
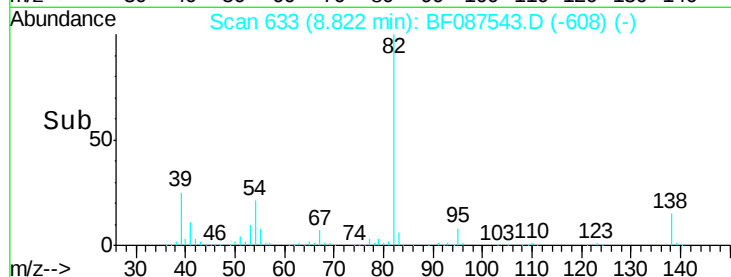
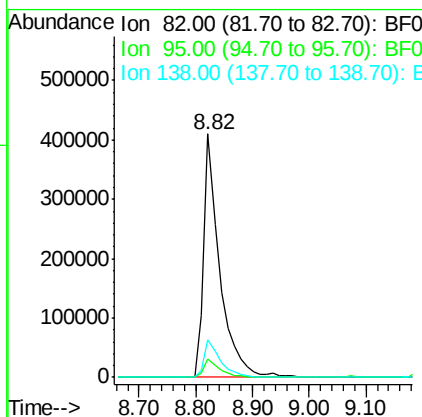
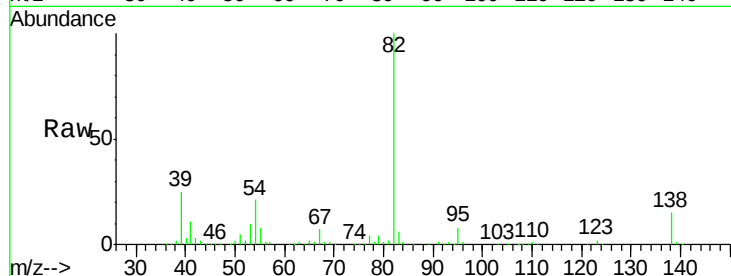
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	779186
Ion Ratio	Lower	Upper	
82	100		
95	7.6	5.1	7.7
138	15.3	12.4	18.6

Manual Integrations
APPROVED

umangi
5/31/2016 7:40:36 PM



#26

2-Nitrophenol

Concen: 39.75 ng

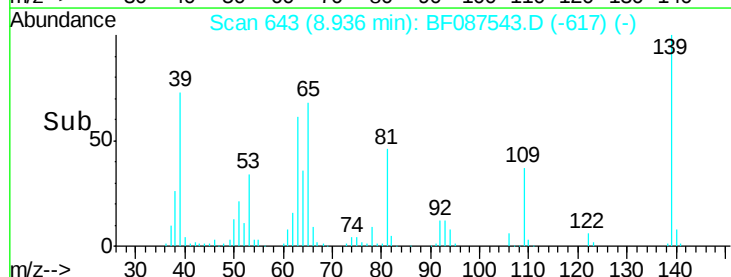
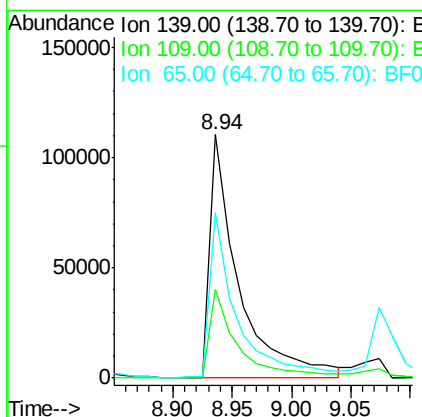
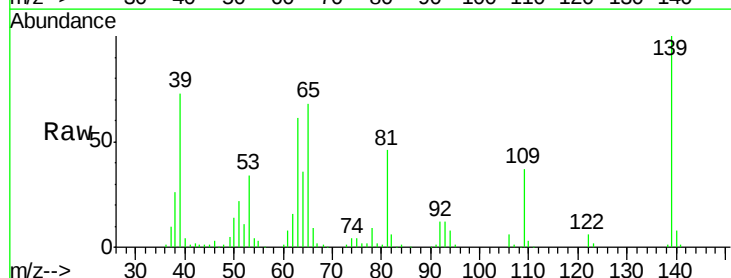
RT: 8.94 min Scan# 643

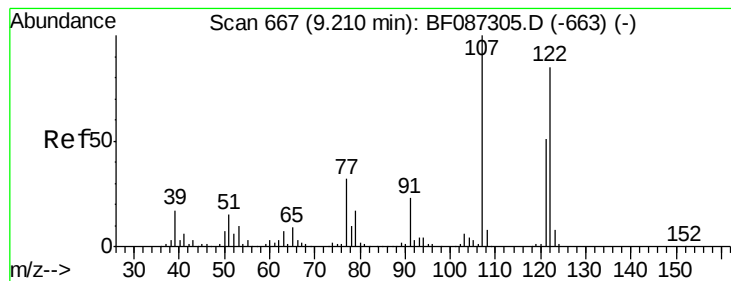
Delta R.T. 0.00 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

Tgt Ion:	139	Resp:	186774
Ion Ratio	Lower	Upper	
139	100		
109	36.7	19.5	29.3#
65	68.1	37.5	56.3#





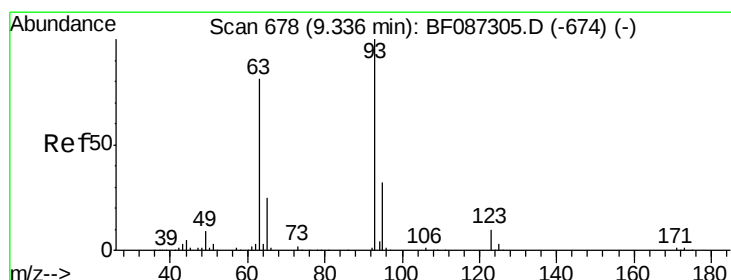
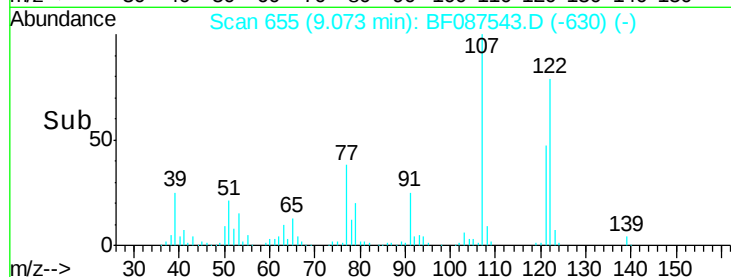
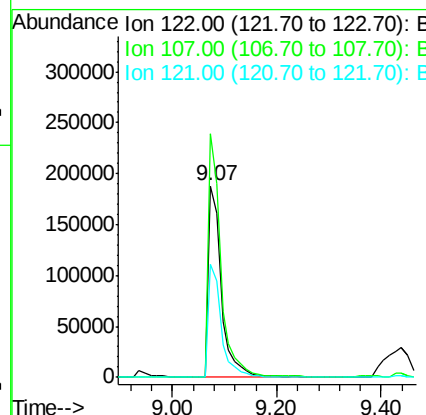
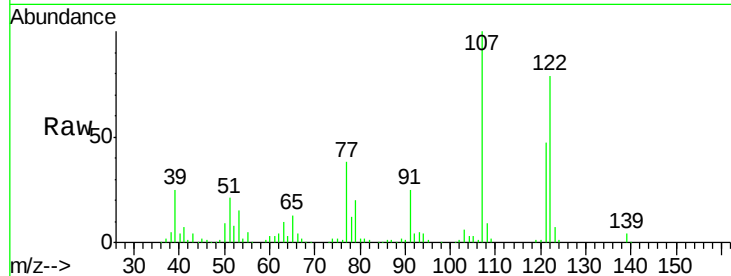
#27
 2,4-Dimethylphenol
 Concen: 40.46 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.01 min
 Lab File: BF087543.D
 Acq: 30 May 2016 10:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	127.0	82.0	123.0#	
121	59.1	46.1	69.1	

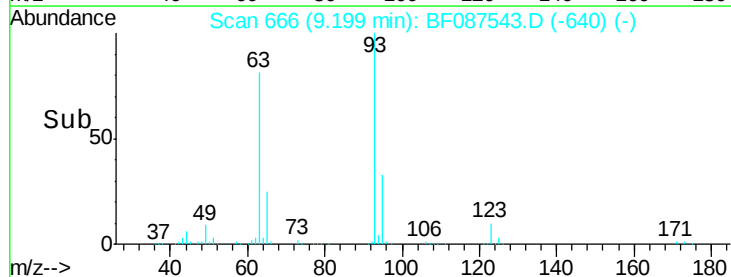
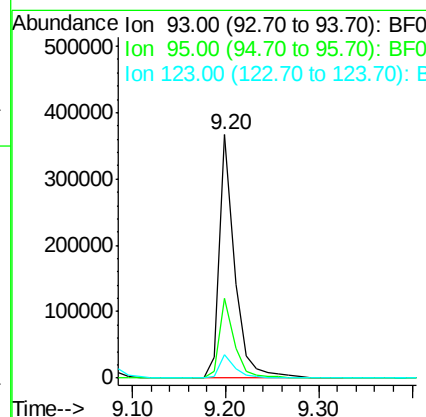
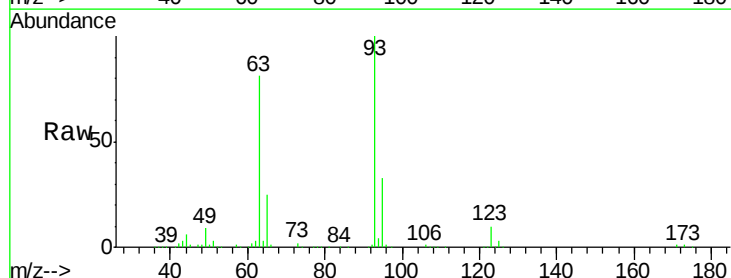
Manual Integrations
 APPROVED

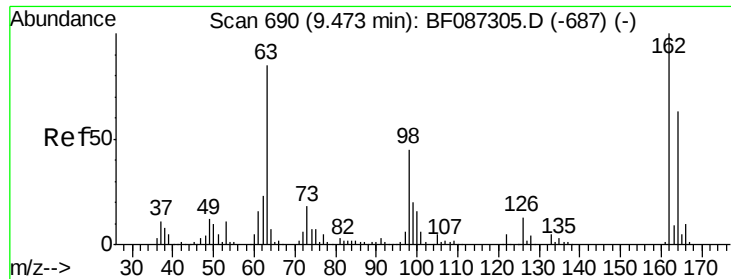
umangi
 5/31/2016 7:40:36 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.15 ng
 RT: 9.20 min Scan# 666
 Delta R.T. 0.00 min
 Lab File: BF087543.D
 Acq: 30 May 2016 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.9	26.0	39.0	
123	9.8	9.5	14.3	





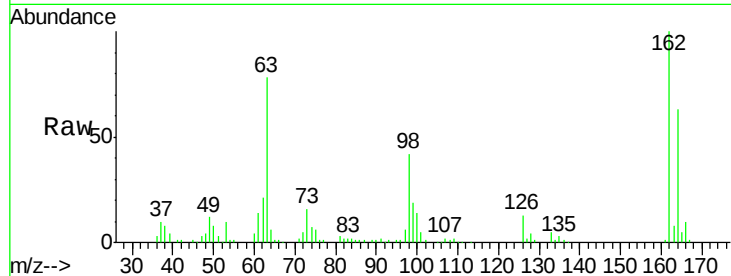
#29
2,4-Dichlorophenol
Concen: 41.35 ng
RT: 9.36 min Scan# 680
Delta R.T. 0.01 min
Lab File: BF087543.D
Acq: 30 May 2016 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

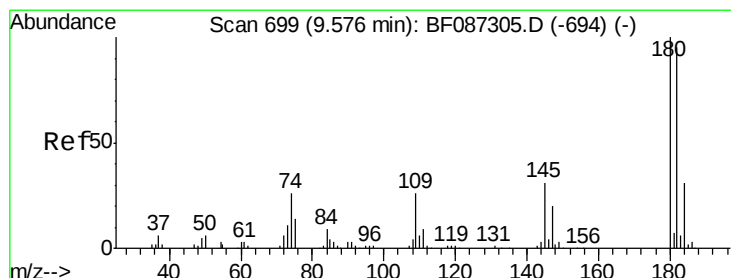
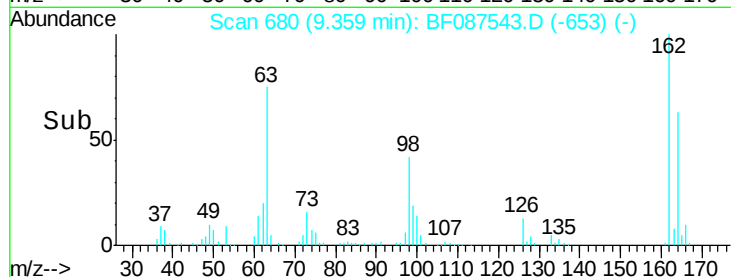
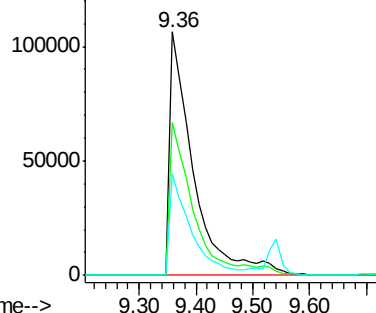
Tot Ion:	162	Resp:	303956
Ion Ratio	Lower	Upper	
162	100		
164	62.8	42.2	82.2
98	41.5	19.0	59.0

Manual Integrations
APPROVED

umangi
5/31/2016 7:40:36 PM

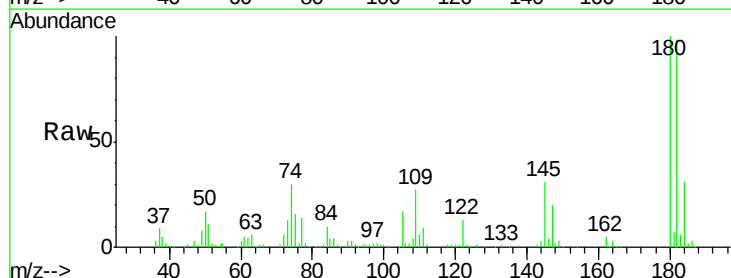


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

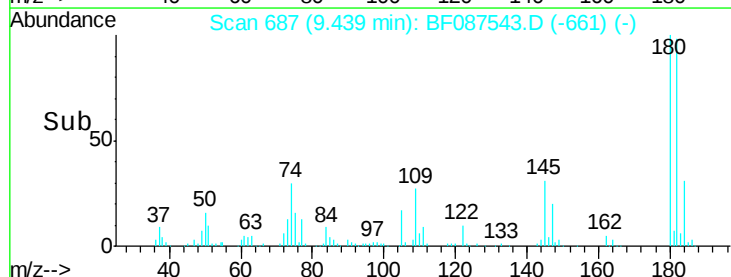
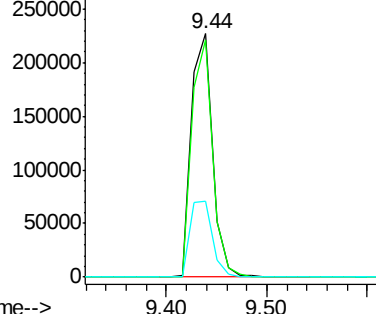


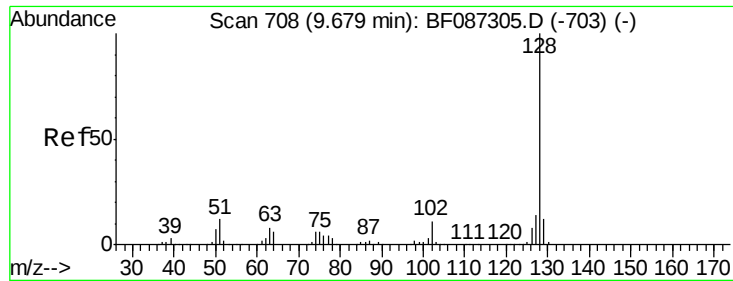
#30
1,2,4-Trichlorobenzene
Concen: 39.54 ng
RT: 9.44 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF087543.D
Acq: 30 May 2016 10:46

Tgt Ion:	180	Resp:	332746
Ion Ratio	Lower	Upper	
180	100		
182	97.7	78.0	117.0
145	31.3	24.2	36.2



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





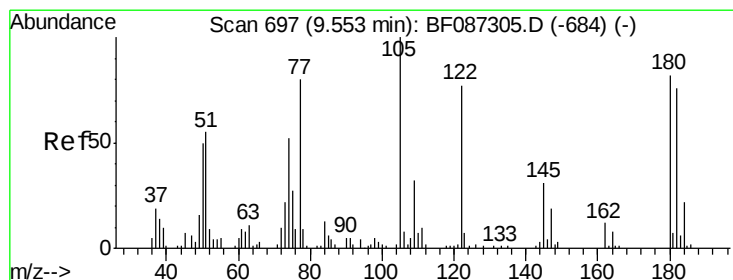
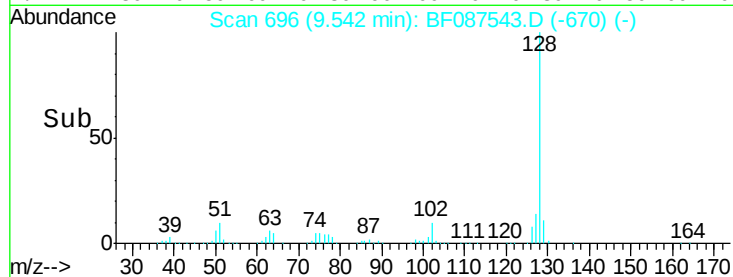
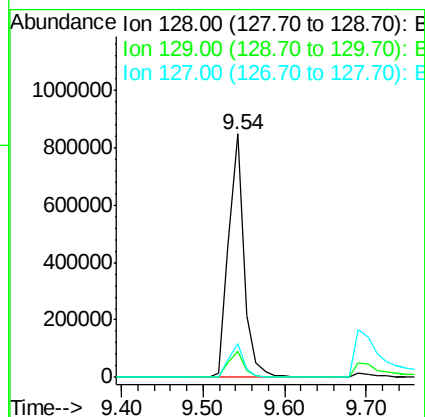
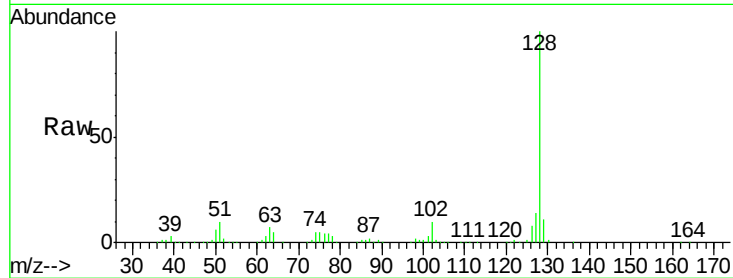
#31
Naphthalene
Concen: 40.34 ng
RT: 9.54 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF087543.D
Acq: 30 May 2016 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1109382
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.6 10.8 16.2

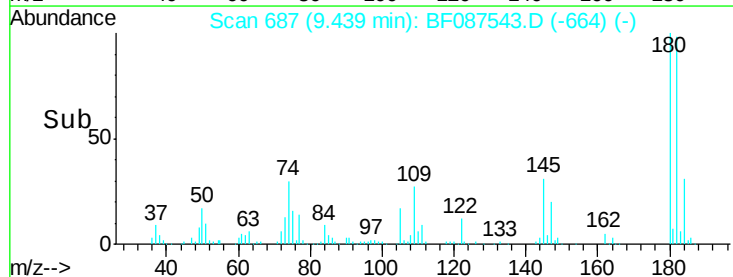
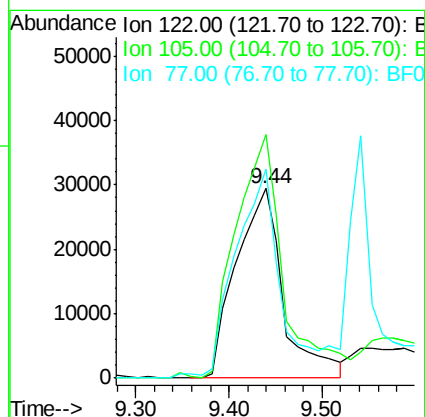
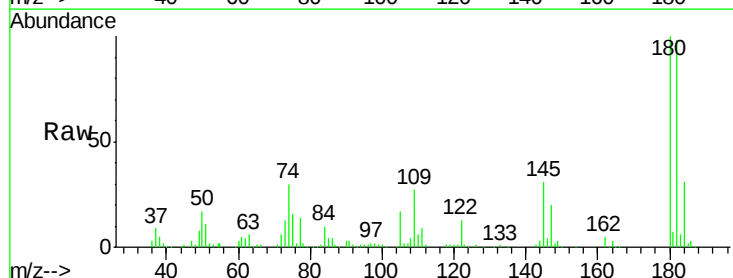
Manual Integrations
APPROVED

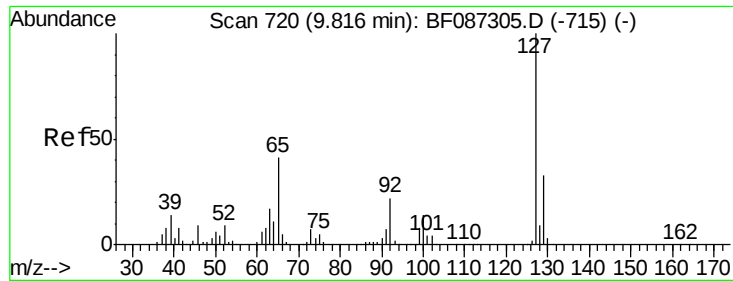
umangi
5/31/2016 7:40:36 PM



#32
Benzoic acid
Concen: 27.41 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.03 min
Lab File: BF087543.D
Acq: 30 May 2016 10:46

Tgt Ion:122 Resp: 103167
Ion Ratio Lower Upper
122 100
105 128.4 92.6 132.6
77 110.4 60.0 100.0#





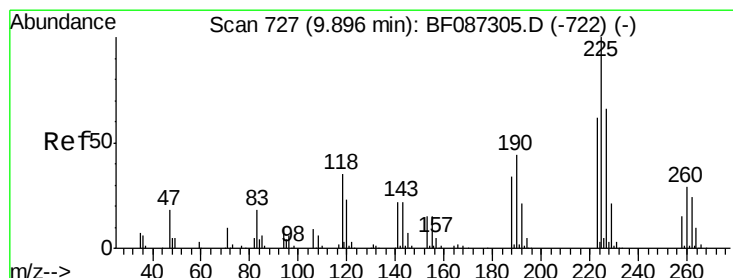
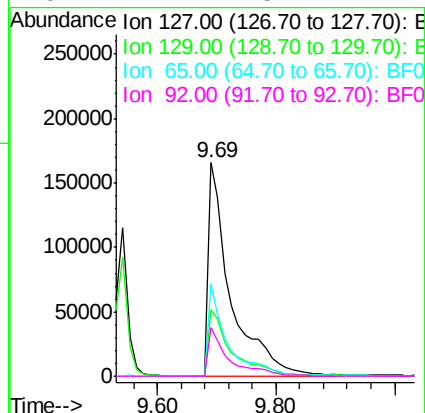
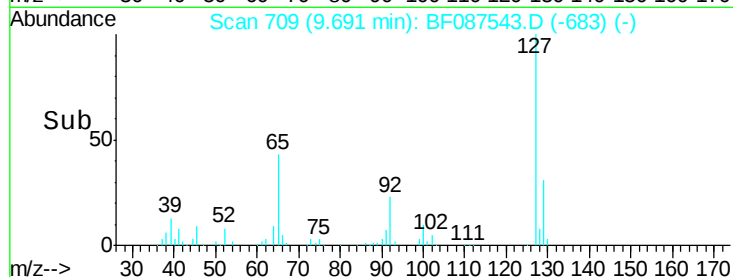
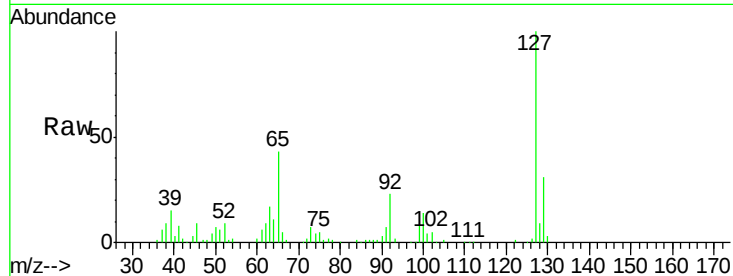
#33
 4-Chloroaniline
 Concen: 43.39 ng
 RT: 9.69 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: BF087543.D
 Acq: 30 May 2016 10:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.4	26.2	39.4		
65	43.3	23.0	34.4#		
92	22.7	15.1	22.7#		

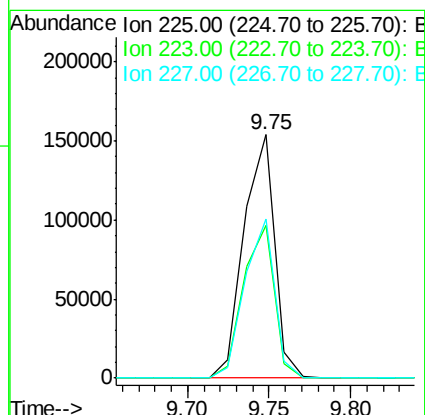
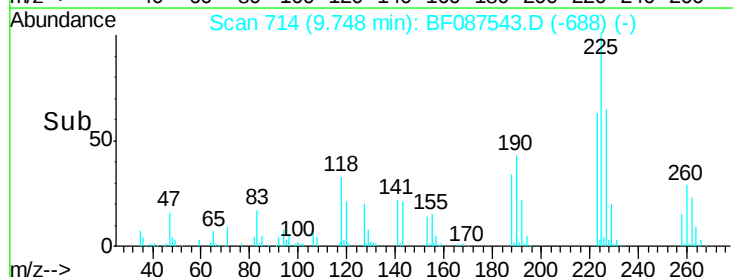
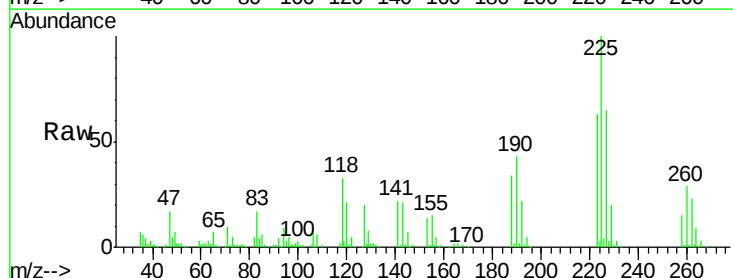
Manual Integrations
 APPROVED

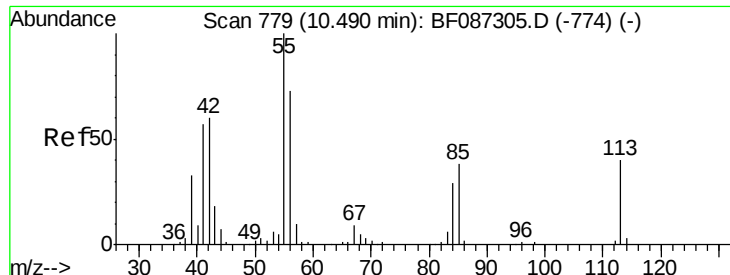
umangi
 5/31/2016 7:40:36 PM



#34
 Hexachlorobutadiene
 Concen: 39.01 ng
 RT: 9.75 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: BF087543.D
 Acq: 30 May 2016 10:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	51.5	77.3		
227	65.1	52.2	78.2		





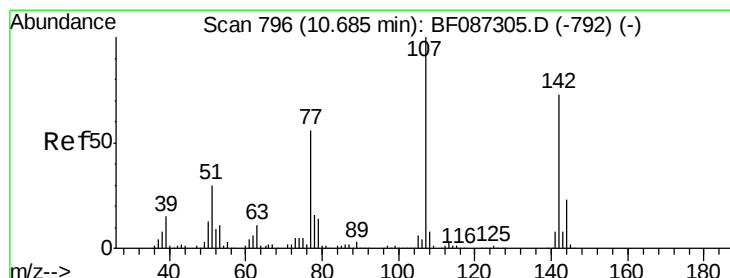
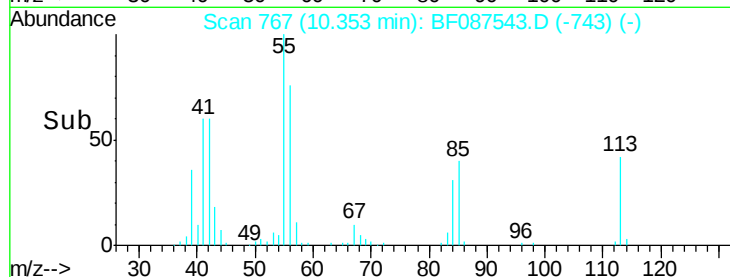
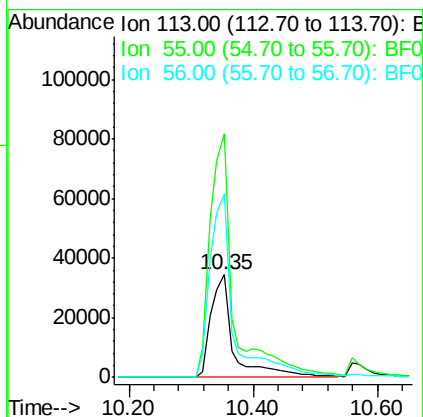
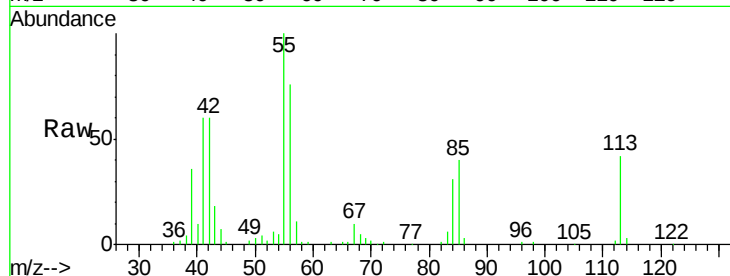
#35
Caprolactam
Concen: 40.50 ng
RT: 10.35 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF087543.D
Acq: 30 May 2016 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	237.8	162.0	202.0#
56	179.7	115.3	155.3#

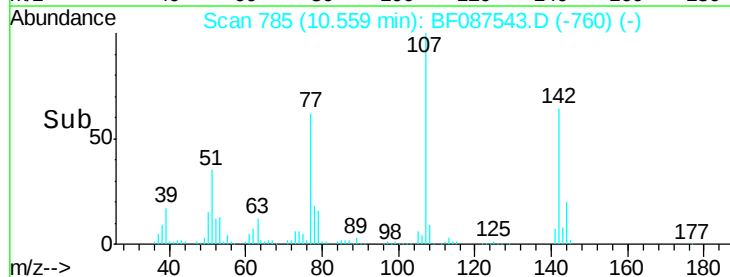
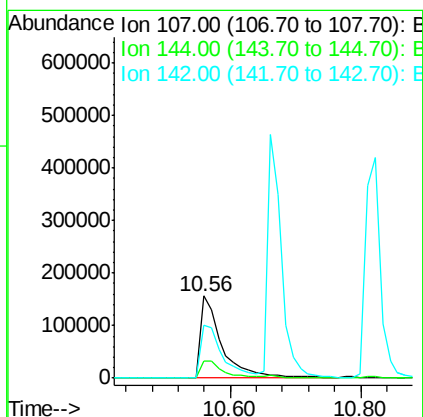
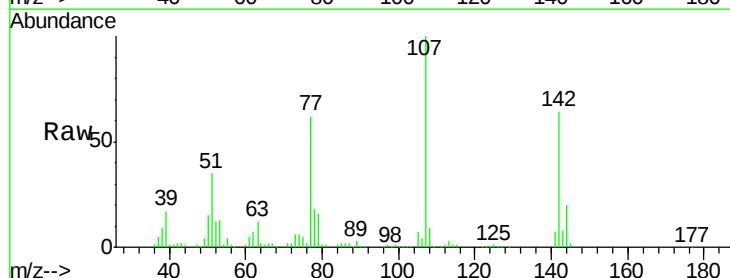
Manual Integrations
APPROVED

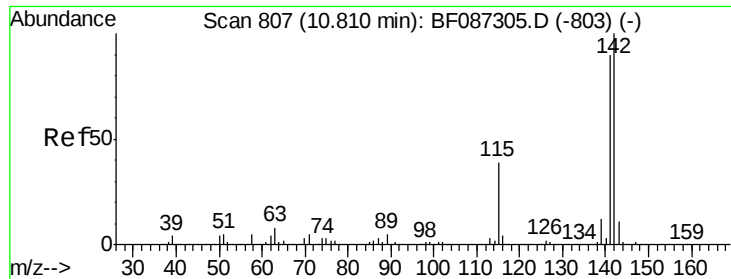
umangi
5/31/2016 7:40:36 PM



#36
4-Chloro-3-methylphenol
Concen: 42.82 ng
RT: 10.56 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF087543.D
Acq: 30 May 2016 10:46

Tgt Ion	Ratio	Lower	Upper
107	100		
144	20.2	20.7	31.1#
142	64.3	63.2	94.8





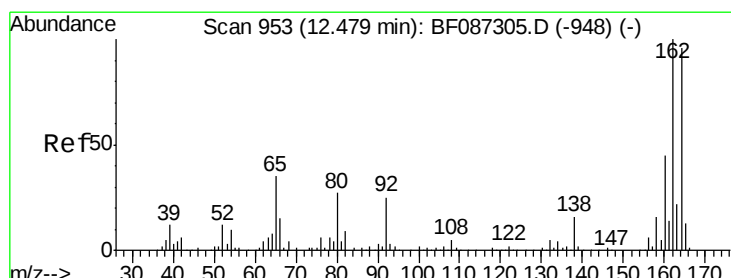
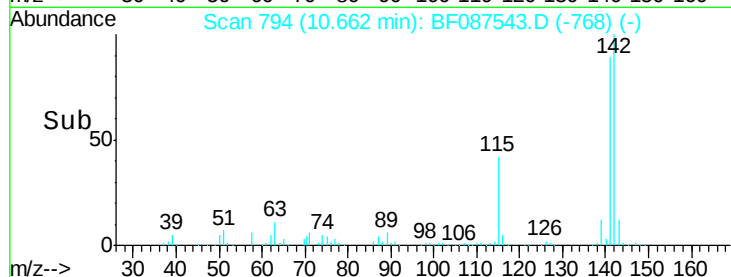
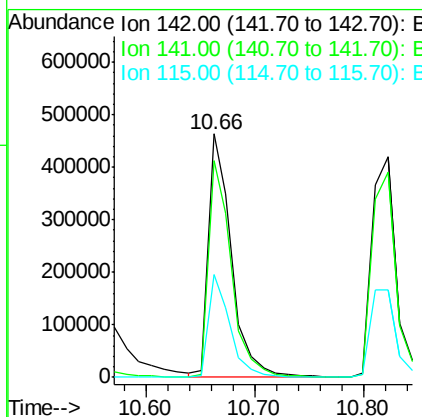
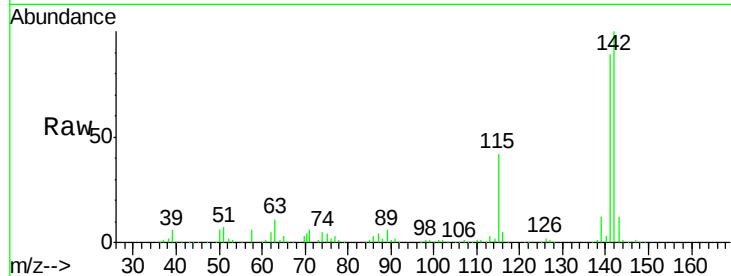
#37
2-Methylnaphthalene
Concen: 39.92 ng
RT: 10.66 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF087543.D
Acq: 30 May 2016 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.0	106.6
115	42.3	26.6	39.8#

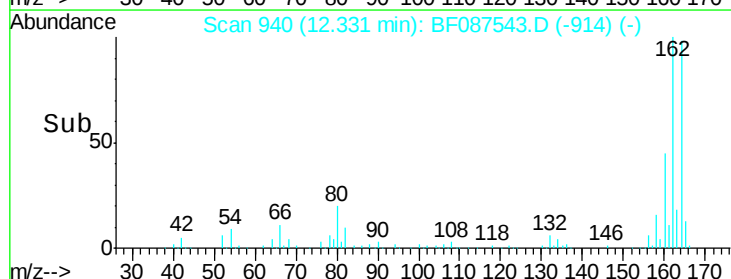
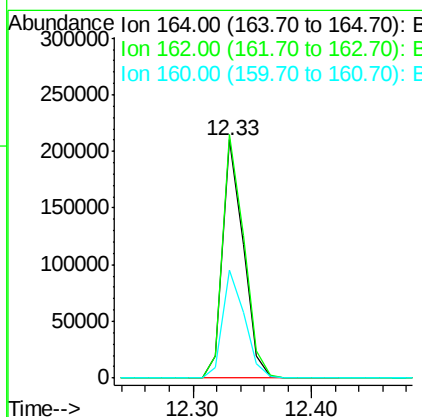
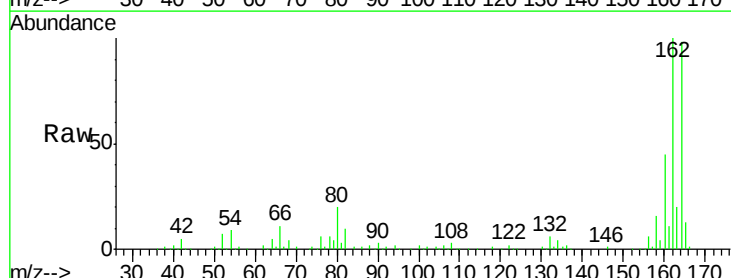
Manual Integrations
APPROVED

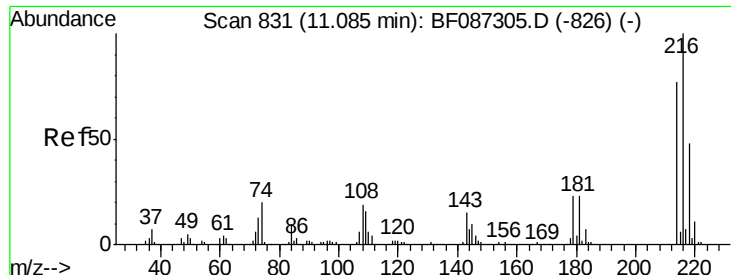
umangi
5/31/2016 7:40:36 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.33 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF087543.D
Acq: 30 May 2016 10:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.8	124.2
160	45.6	36.9	55.3





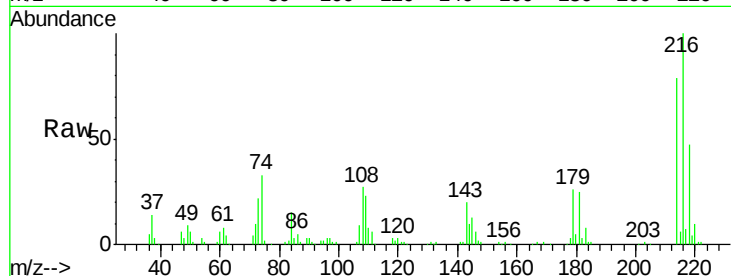
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.76 ng
 RT: 10.94 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF087543.D
 Acq: 30 May 2016 10:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

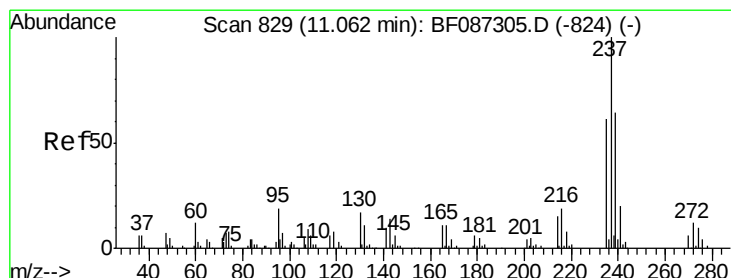
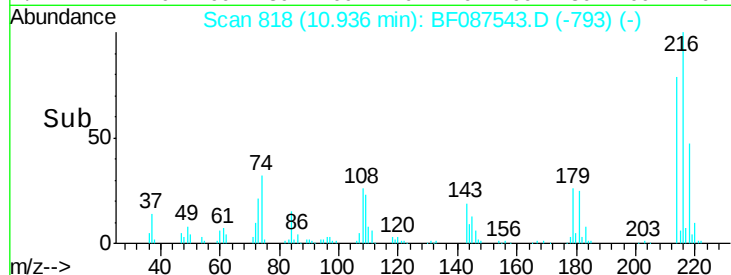
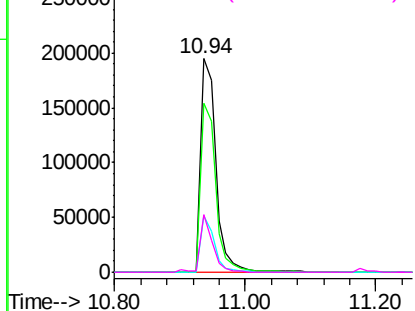
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		314221		
214	78.1	62.6	93.8		
179	23.7	18.2	27.4		
108	22.2	17.5	26.3		

Manual Integrations
 APPROVED

umangi
 5/31/2016 7:40:36 PM

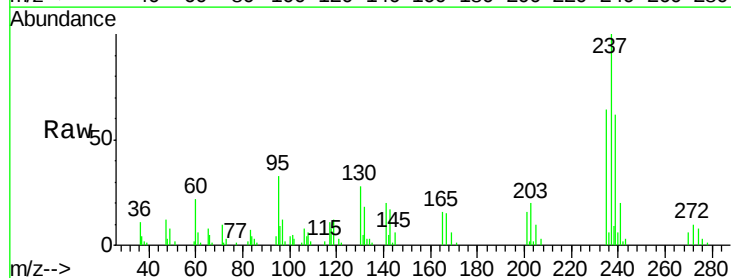


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

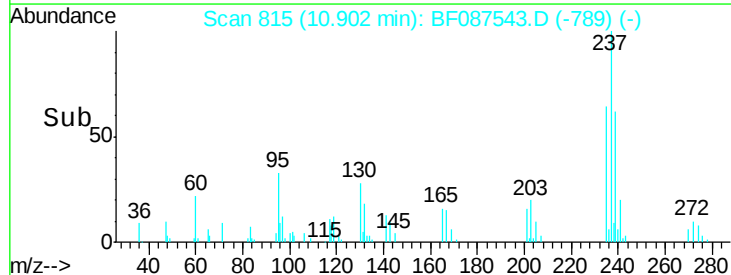
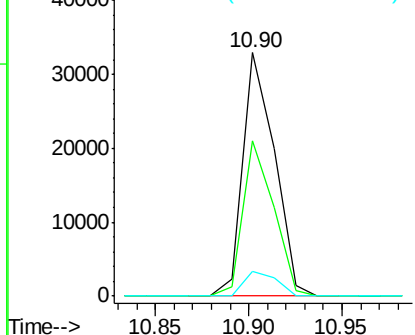


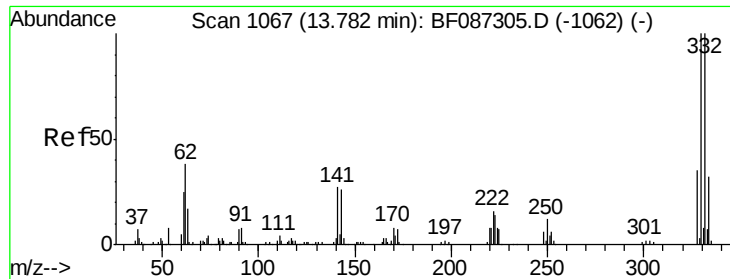
#40
 Hexachlorocyclopentadiene
 Concen: 19.74 ng
 RT: 10.90 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF087543.D
 Acq: 30 May 2016 10:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		38892		
235	64.0	47.2	87.2		
272	10.0	0.0	31.1		



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





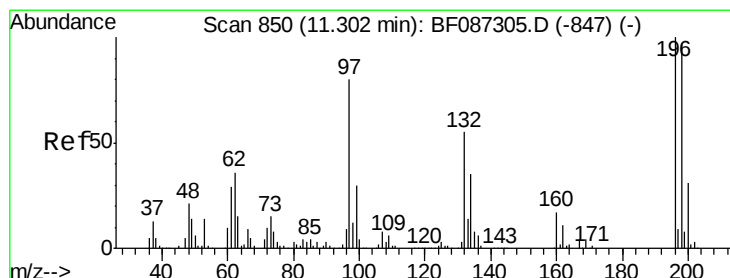
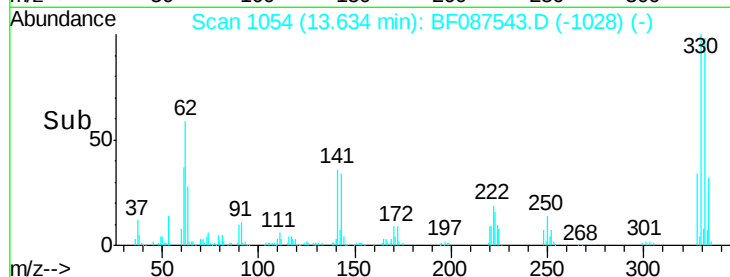
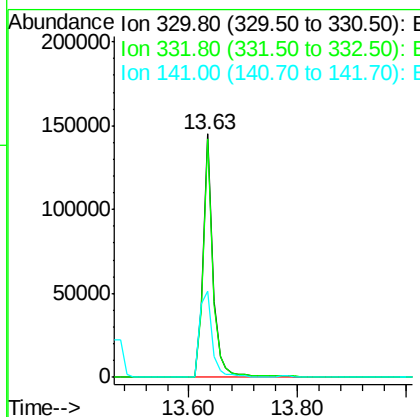
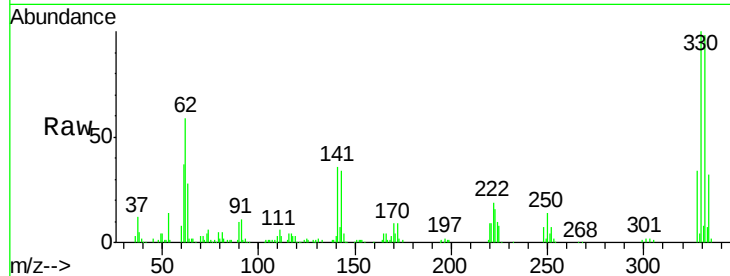
#41
 2,4,6-Tribromophenol
 Concen: 75.36 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF087543.D
 Acq: 30 May 2016 10:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	183412		
332	96.8	79.0	118.4	
141	44.7	31.2	46.8	

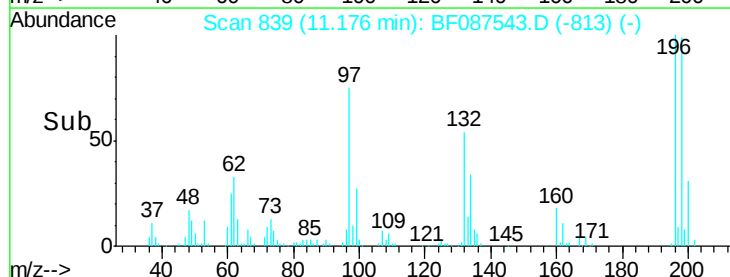
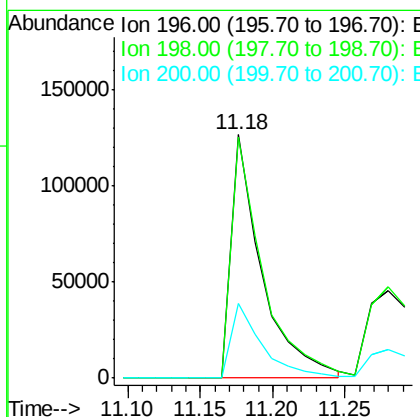
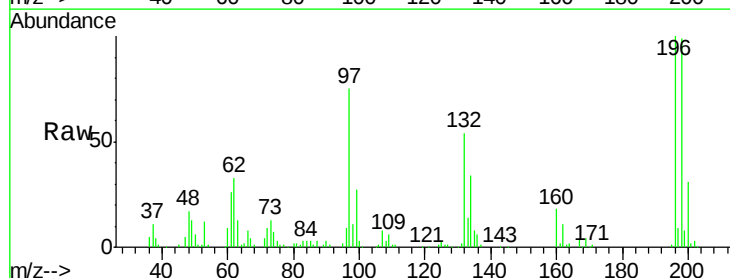
Manual Integrations
 APPROVED

umangi
 5/31/2016 7:40:36 PM



#42
 2,4,6-Trichlorophenol
 Concen: 39.74 ng
 RT: 11.18 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF087543.D
 Acq: 30 May 2016 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	185948		
198	99.1	74.7	112.1	
200	30.6	23.8	35.6	





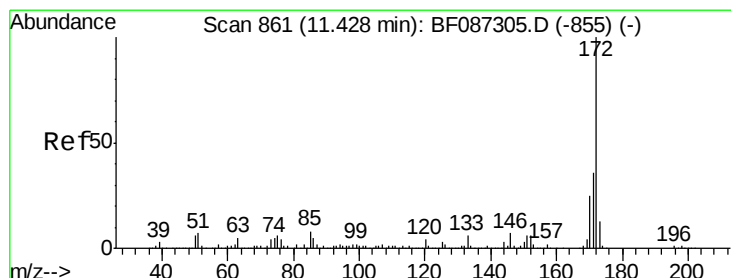
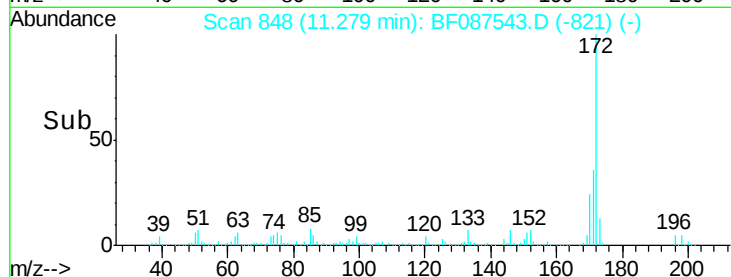
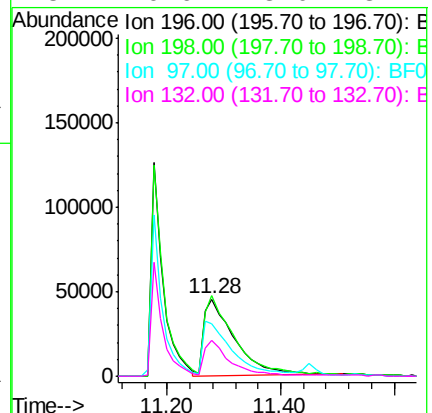
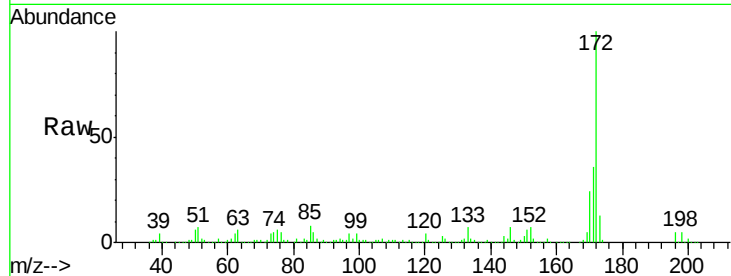
#43
 2,4,5-Trichlorophenol
 Concen: 35.19 ng
 RT: 11.28 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: BF087543.D
 Acq: 30 May 2016 10:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	167681
Ion Ratio	Lower	Upper	
196	100		
198	103.9	77.5	116.3
97	68.3	34.8	52.2#
132	46.6	23.0	34.4#

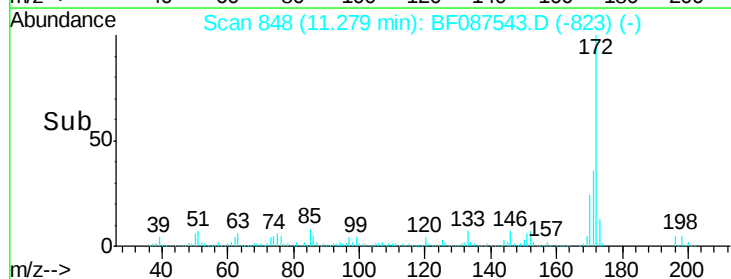
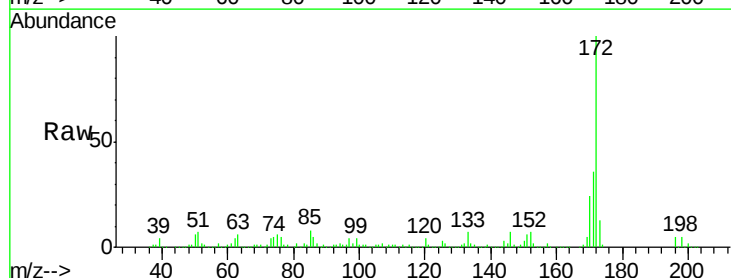
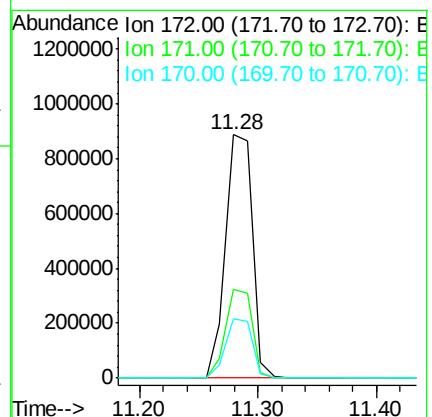
Manual Integrations
 APPROVED

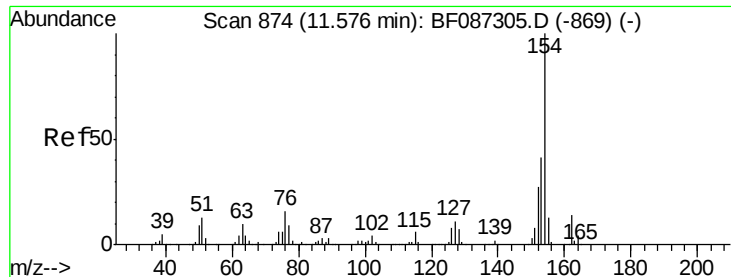
umangi
 5/31/2016 7:40:36 PM



#44
 2-Fluorobiphenyl
 Concen: 77.15 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF087543.D
 Acq: 30 May 2016 10:46

Tgt Ion:	172	Resp:	1386038
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.0	43.6
170	24.3	19.8	29.8





#45

1,1'-Biphenyl

Concen: 39.87 ng

RT: 11.44 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

Instrument :

BNA_F

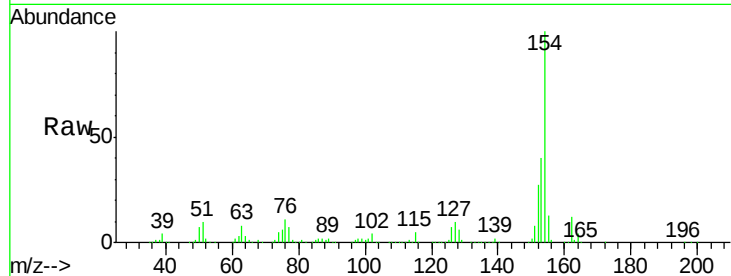
ClientSampleId :

SSTDCCC040

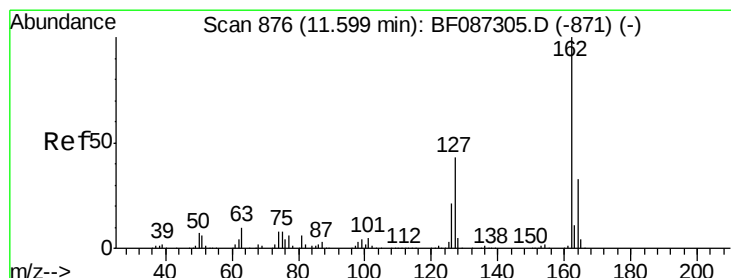
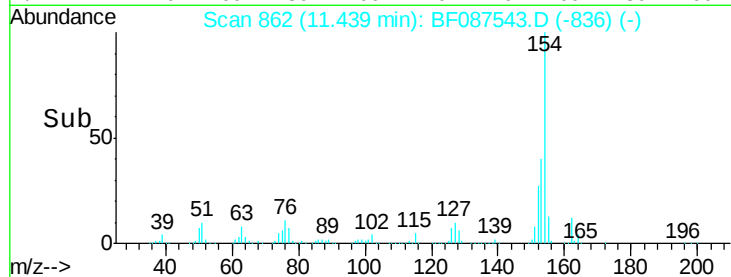
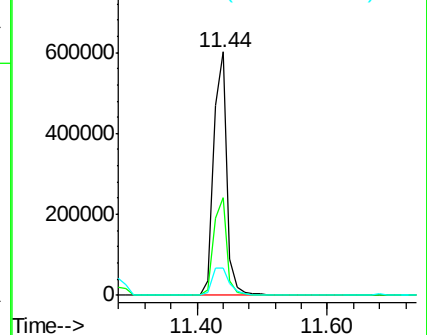
Tot Ion:	154	Resp:	850116
Ion Ratio		Lower	Upper
154	100		
153	40.4	20.3	60.3
76	11.4	0.0	30.2

Manual Integrations
APPROVED

umangi
5/31/2016 7:40:36 PM



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



#46

2-Chloronaphthalene

Concen: 38.51 ng

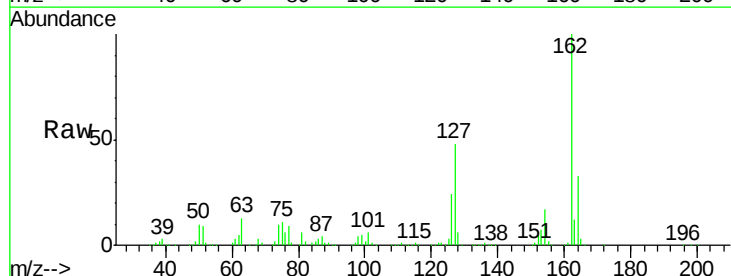
RT: 11.45 min Scan# 863

Delta R.T. 0.00 min

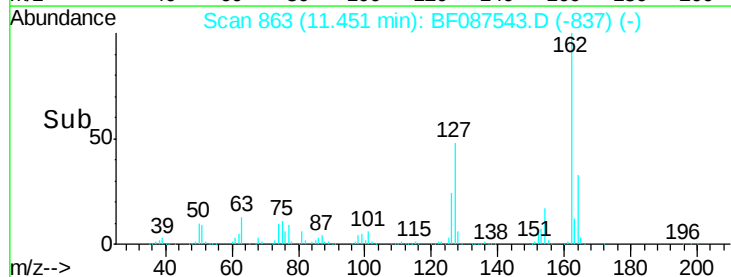
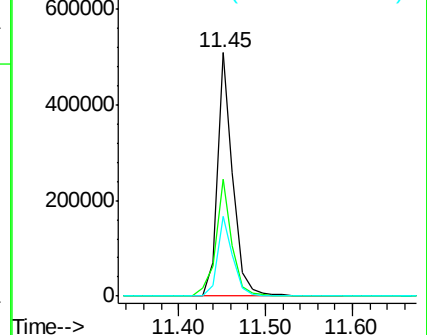
Lab File: BF087543.D

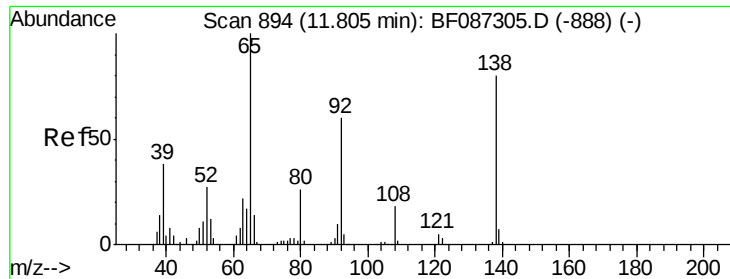
Acq: 30 May 2016 10:46

Tgt Ion:	162	Resp:	628239
Ion Ratio		Lower	Upper
162	100		
127	47.8	31.8	47.6#
164	32.6	27.0	40.6



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





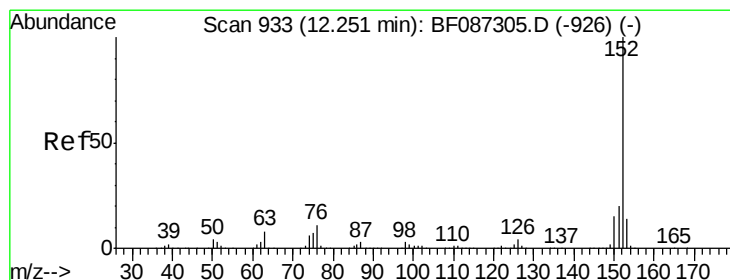
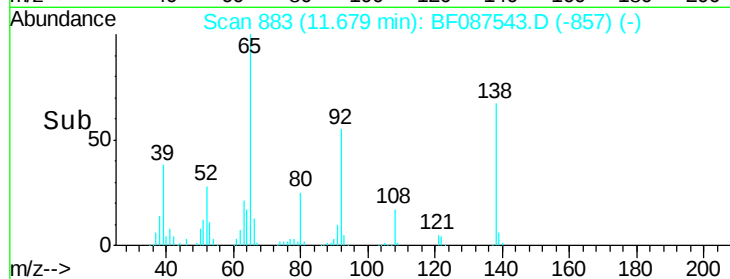
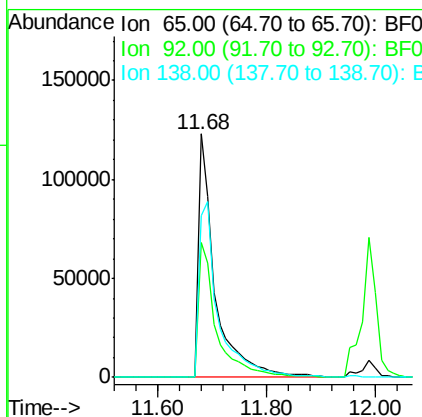
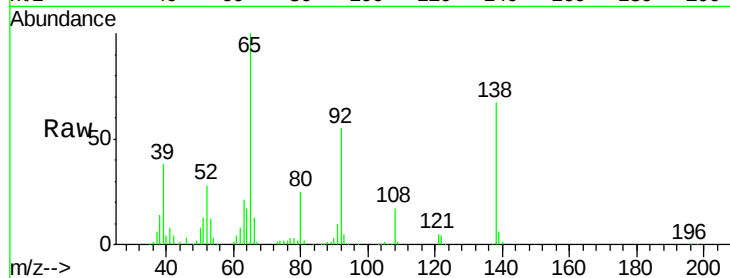
#47
2-Nitroaniline
Concen: 43.82 ng
RT: 11.68 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF087543.D
Acq: 30 May 2016 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	55.2	57.4	86.2#
138	66.6	90.1	135.1#

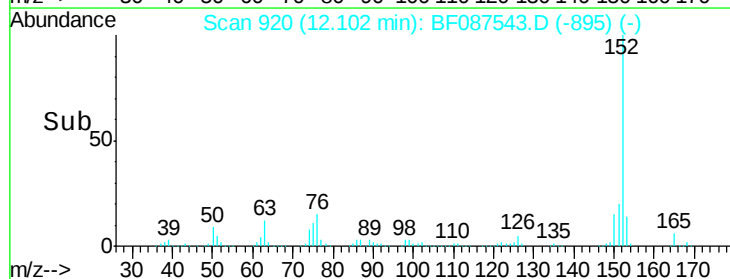
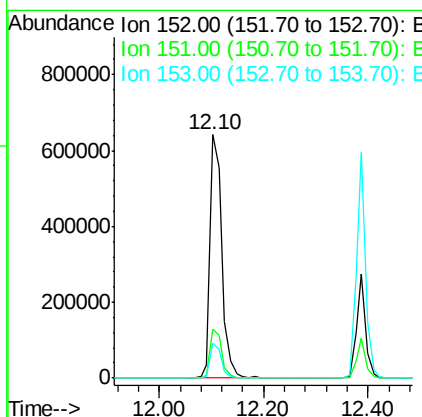
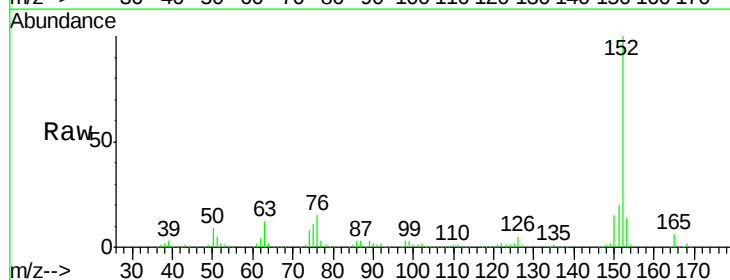
Manual Integrations
APPROVED

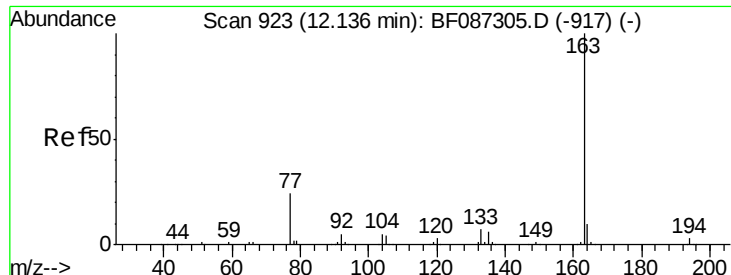
umangi
5/31/2016 7:40:36 PM



#48
Acenaphthylene
Concen: 38.71 ng
RT: 12.10 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF087543.D
Acq: 30 May 2016 10:46

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	14.2	10.9	16.3





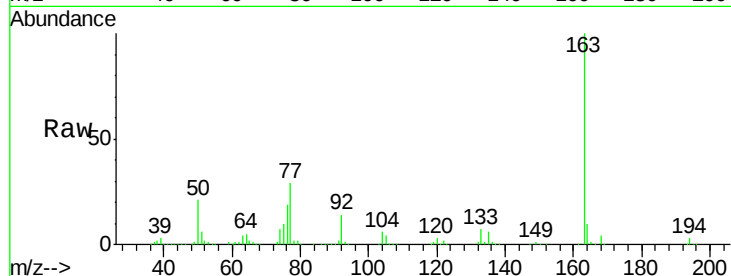
#49
Dimethylphthalate
Concen: 38.56 ng
RT: 11.99 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF087543.D
Acq: 30 May 2016 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

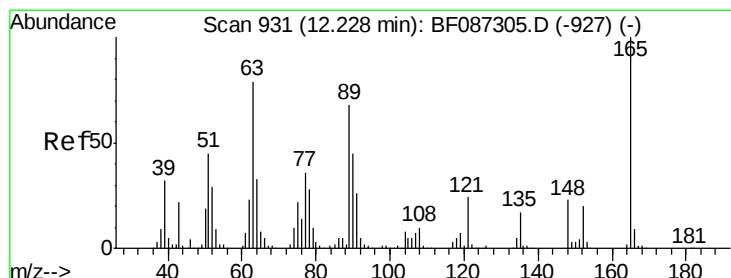
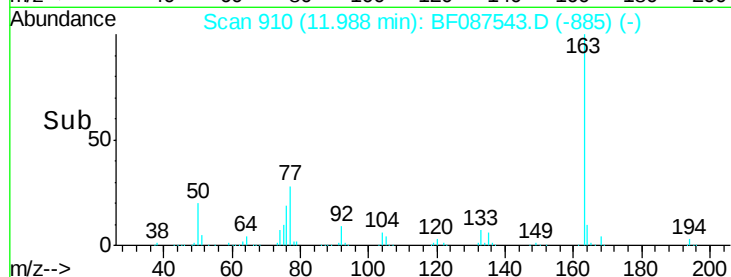
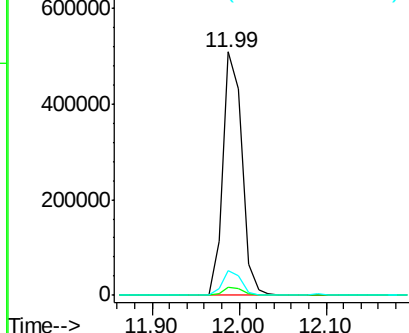
Tot Ion	Ratio	Resp	Lower	Upper
163	100	782247		
194	3.1	2.6	4.0	
164	10.4	8.2	12.4	

Manual Integrations
APPROVED

umangi
5/31/2016 7:40:36 PM

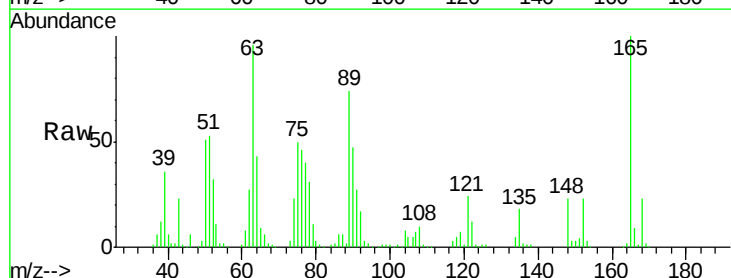


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

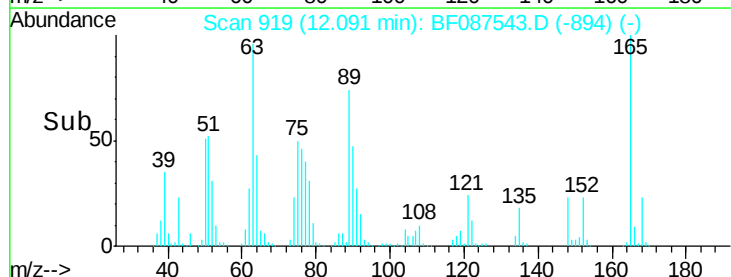
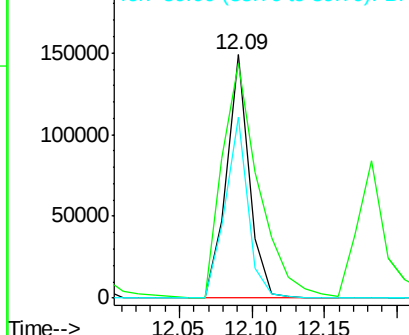


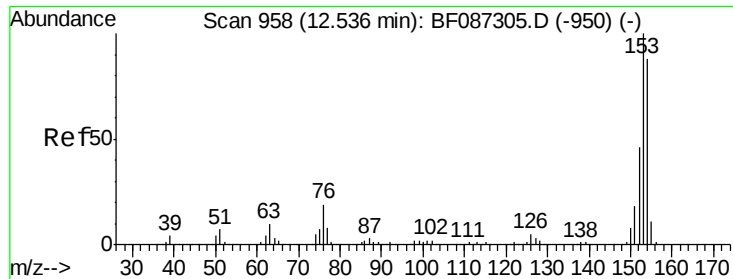
#50
2,6-Dinitrotoluene
Concen: 39.59 ng
RT: 12.09 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF087543.D
Acq: 30 May 2016 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	161831		
63	96.2	51.8	77.8#	
89	74.1	50.7	76.1	



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





#51

Acenaphthene

Concen: 39.50 ng

RT: 12.39 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

Instrument :

BNA_F

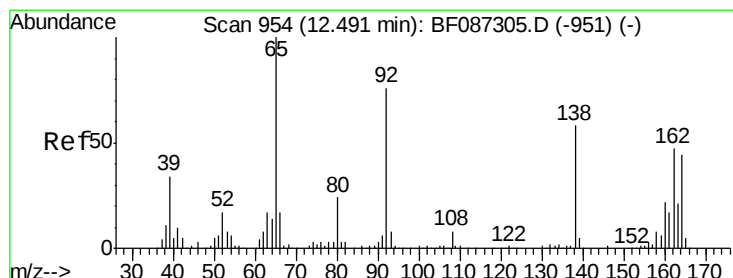
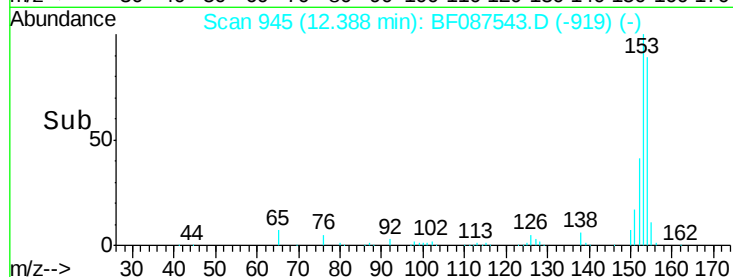
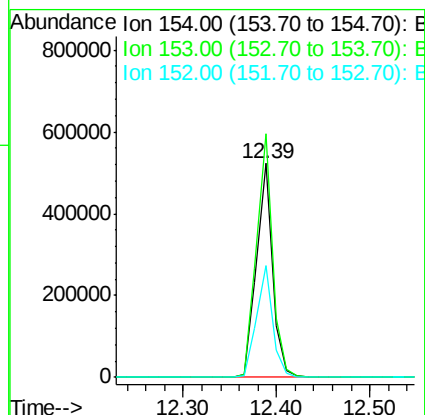
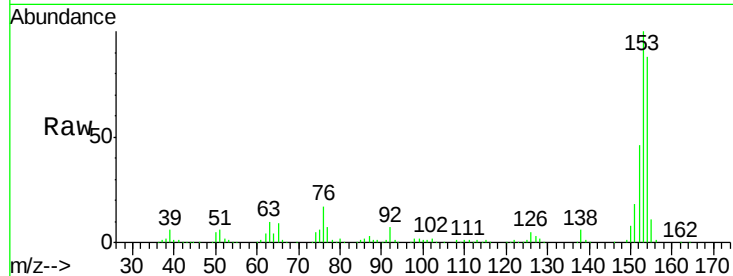
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	627068
Ion Ratio	Lower	Upper	
154	100		
153	113.8	89.8	134.6
152	52.5	43.4	65.0

Manual Integrations
APPROVED

umangi
5/31/2016 7:40:36 PM



#52

3-Nitroaniline

Concen: 42.00 ng

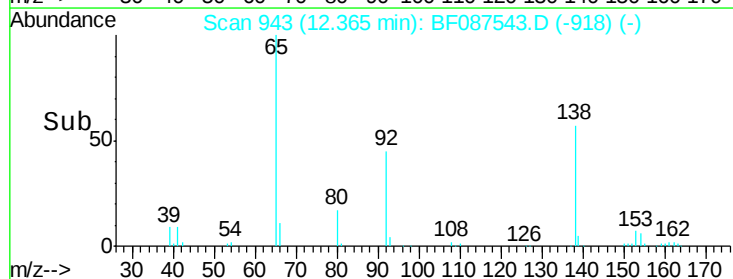
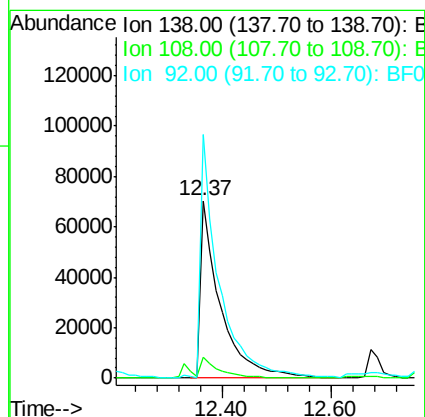
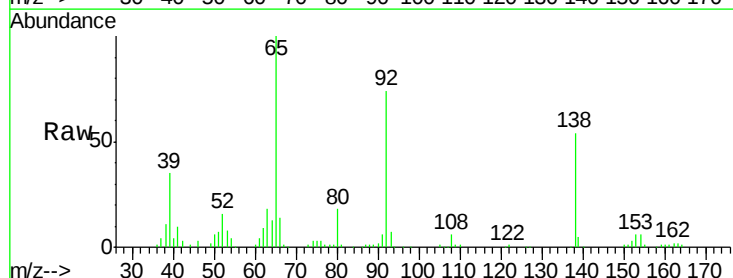
RT: 12.37 min Scan# 943

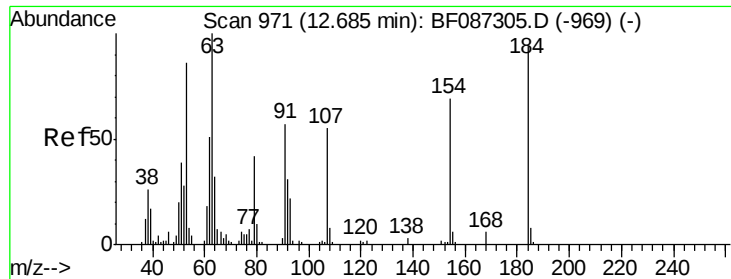
Delta R.T. -0.01 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

Tgt Ion:	138	Resp:	176230
Ion Ratio	Lower	Upper	
138	100		
108	11.8	7.8	11.6#
92	137.5	87.8	131.8#





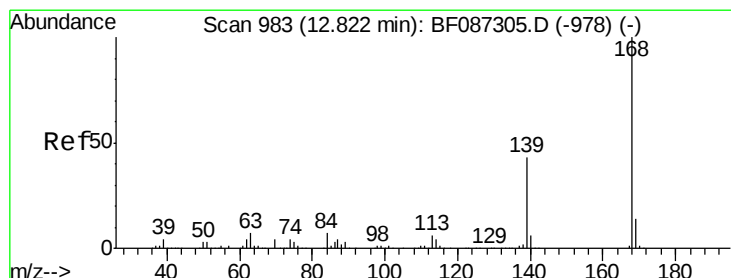
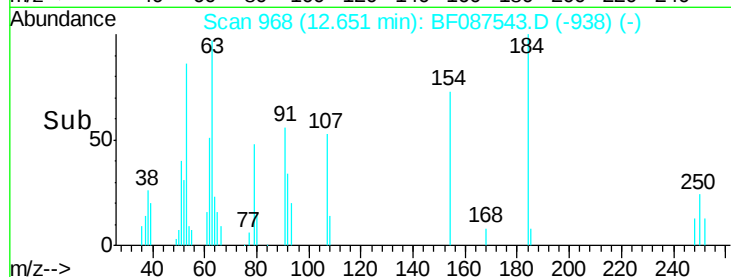
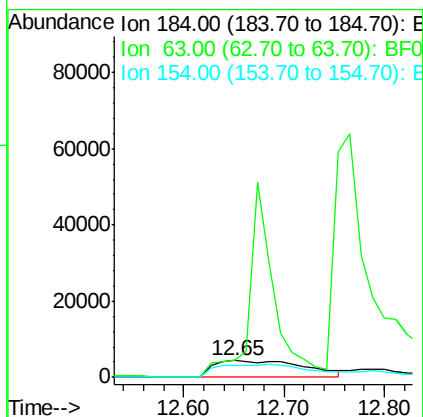
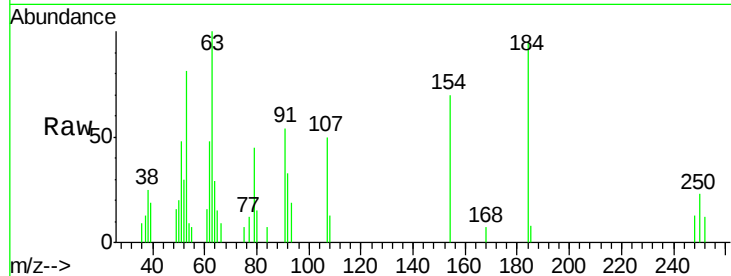
#53
2,4-Dinitrophenol
Concen: 18.61 ng
RT: 12.65 min Scan# 968
Delta R.T. 0.05 min
Lab File: BF087543.D
Acq: 30 May 2016 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	105.2	55.8	83.8#
154	73.3	62.4	93.6

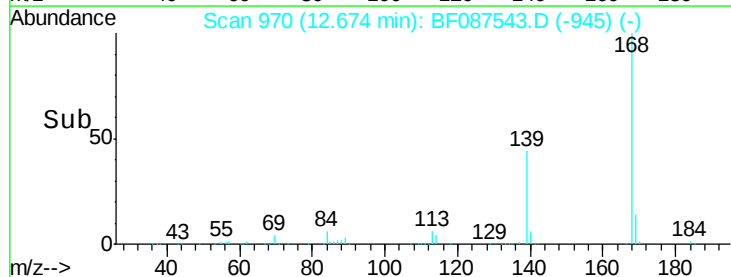
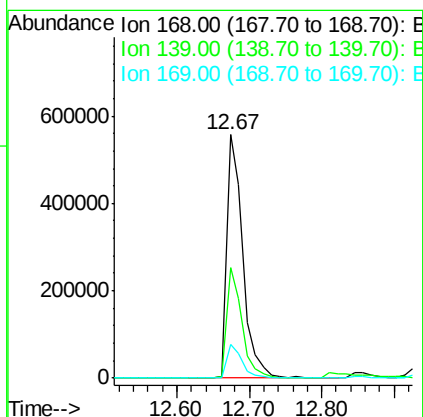
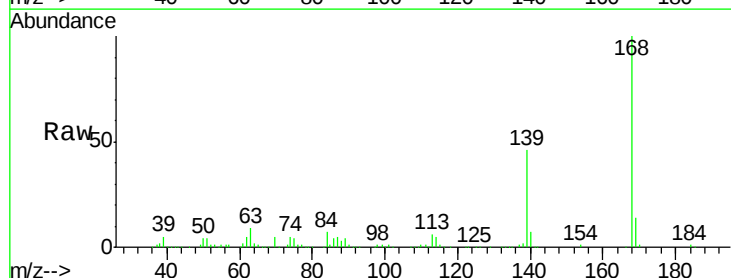
Manual Integrations
APPROVED

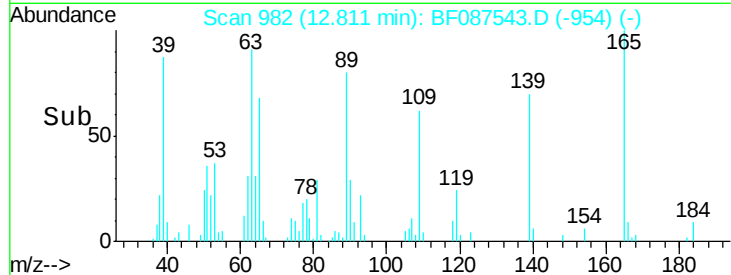
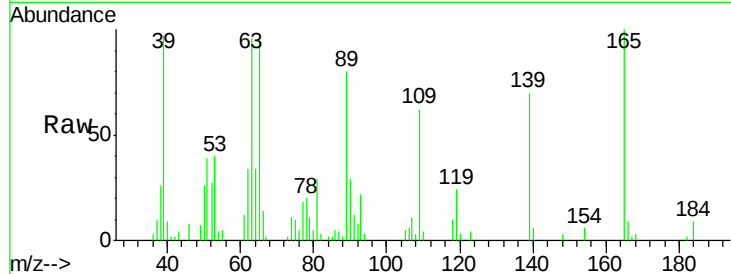
umangi
5/31/2016 7:40:36 PM



#54
Dibenzofuran
Concen: 39.11 ng
RT: 12.67 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF087543.D
Acq: 30 May 2016 10:46

Tgt Ion	Ratio	Lower	Upper
168	100		
139	45.6	31.4	47.0
169	14.0	10.7	16.1





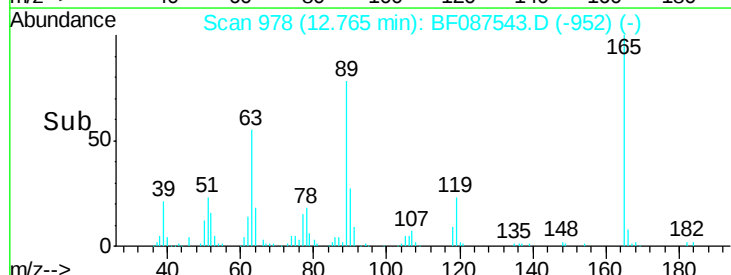
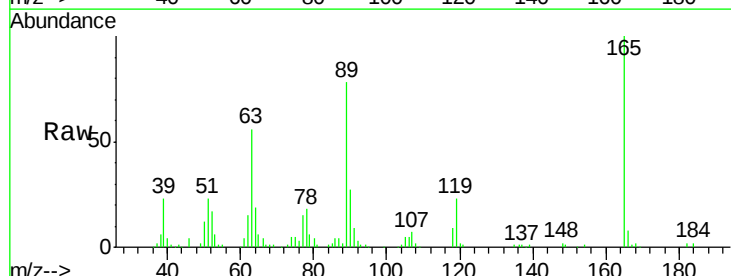
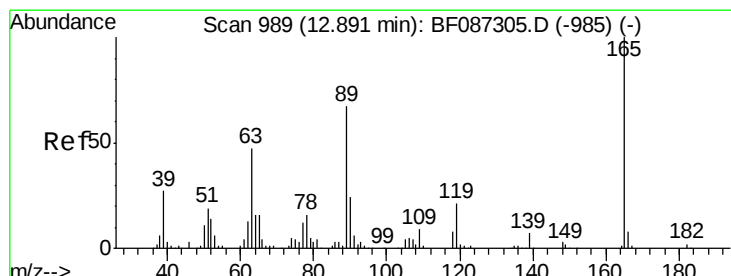
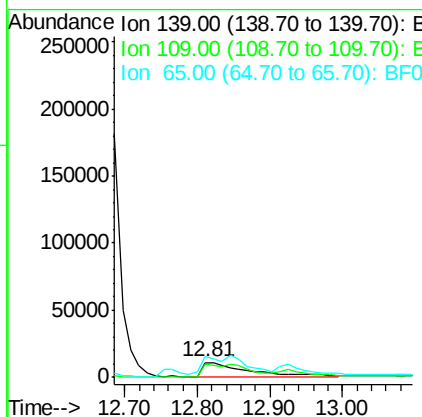
#55
4-Nitrophenol
Concen: 26.31 ng
RT: 12.81 min Scan# 982
Delta R.T. 0.02 min
Lab File: BF087543.D
Acq: 30 May 2016 10:46

Tot Ion	Ratio	Resp	Lower	Upper
139	100	52665		
109	87.5	36.9	76.9#	
65	134.7	64.0	104.0#	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

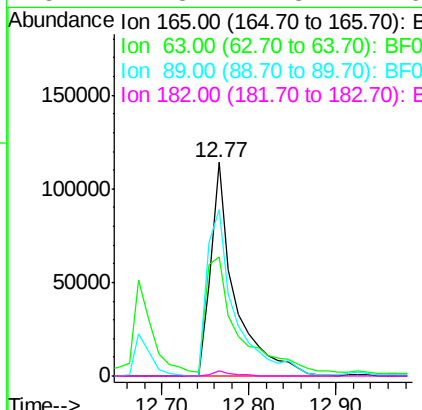
Manual Integrations
APPROVED

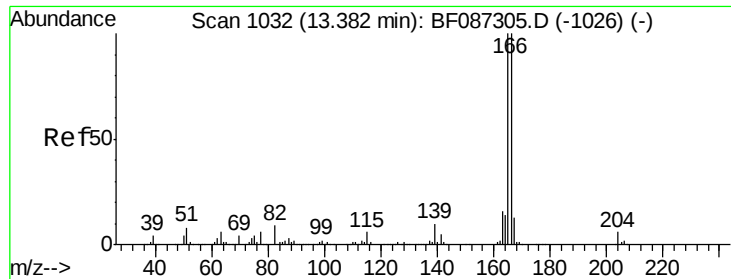
umangi
5/31/2016 7:40:36 PM



#56
2,4-Dinitrotoluene
Concen: 40.57 ng
RT: 12.77 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF087543.D
Acq: 30 May 2016 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	221668		
63	56.0	44.3	66.5	
89	77.6	70.0	105.0	
182	2.3	1.8	2.6	





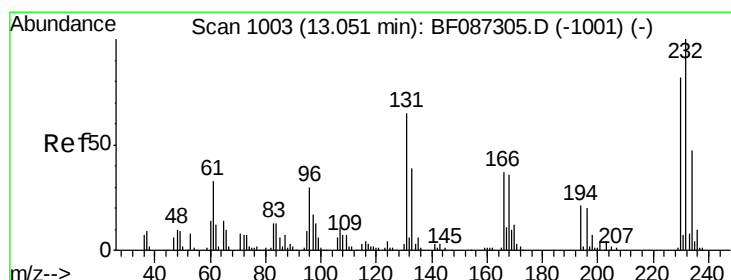
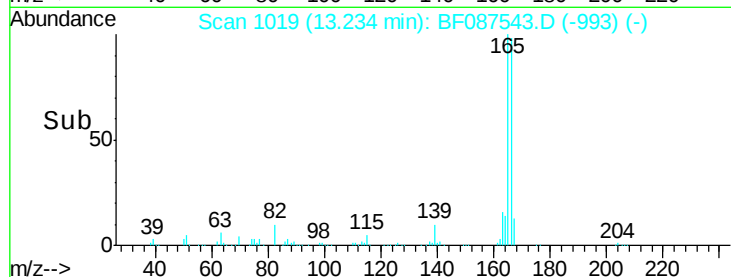
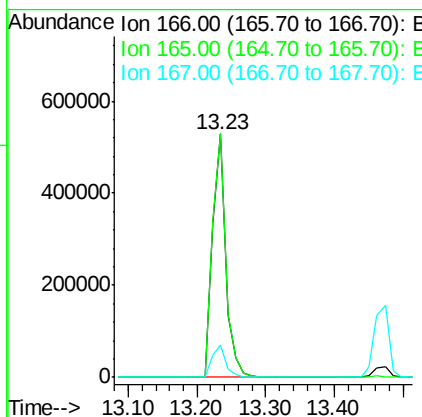
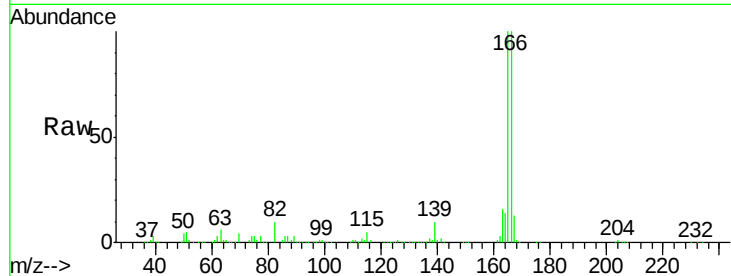
#57
 Fluorene
 Concen: 39.12 ng
 RT: 13.23 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF087543.D
 Acq: 30 May 2016 10:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
166	100	729105		
165	99.9	79.0	118.6	
167	13.3	10.6	15.8	

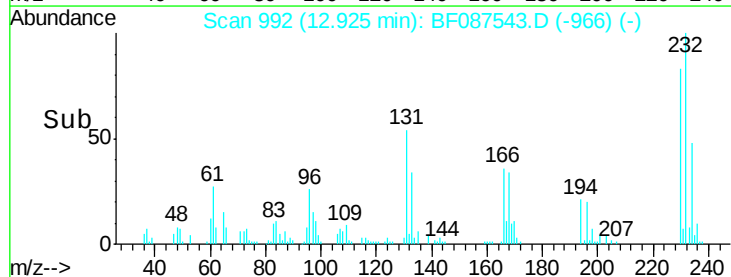
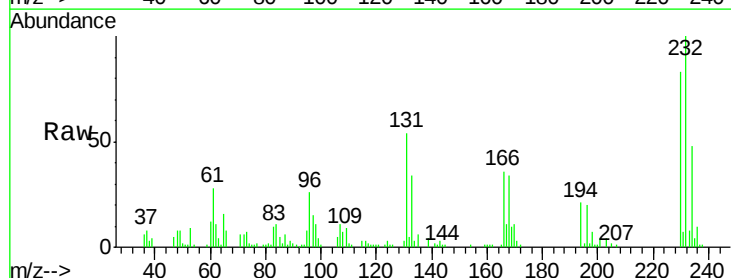
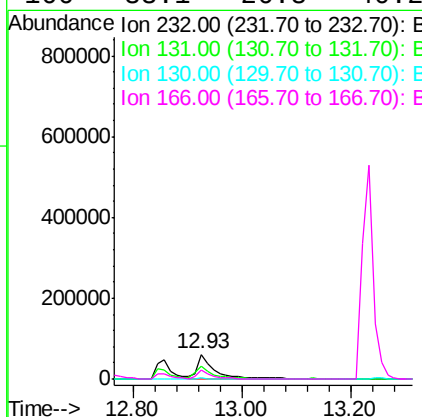
Manual Integrations
 APPROVED

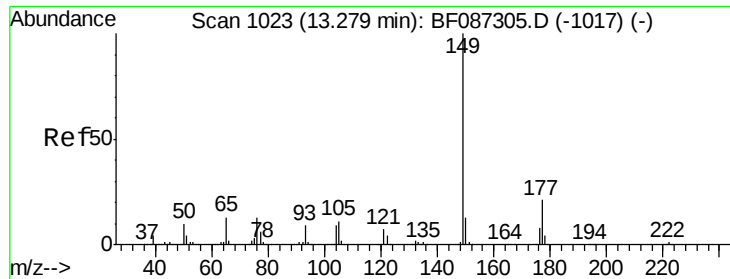
umangi
 5/31/2016 7:40:36 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.48 ng
 RT: 12.93 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: BF087543.D
 Acq: 30 May 2016 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	126393		
131	56.2	41.9	62.9	
130	2.8	2.2	3.4	
166	33.1	26.8	40.2	





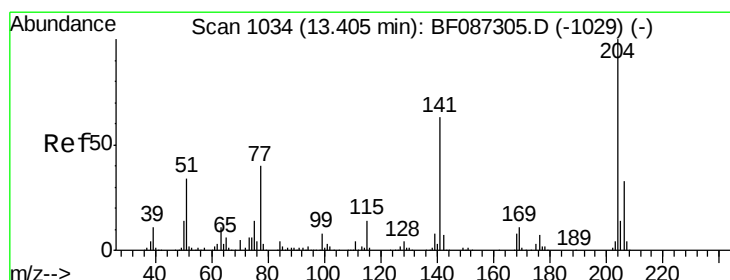
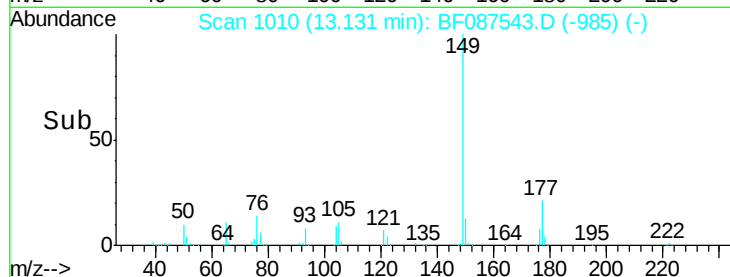
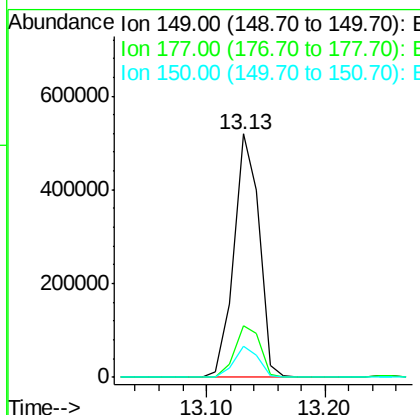
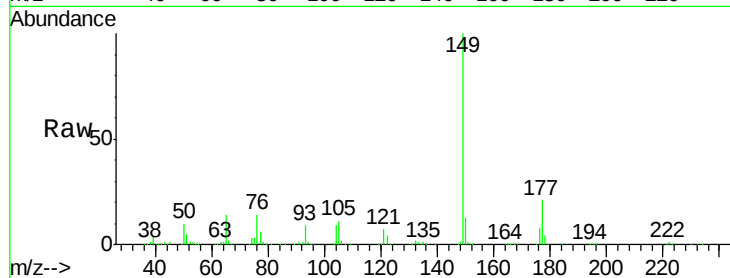
#59
Diethylphthalate
Concen: 38.94 ng
RT: 13.13 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF087543.D
Acq: 30 May 2016 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	768038		
177	21.0	16.6	24.8	
150	12.8	10.0	15.0	

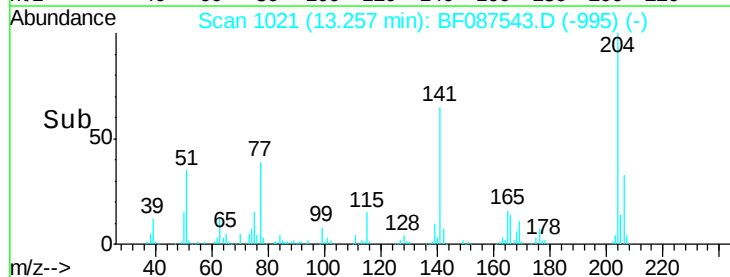
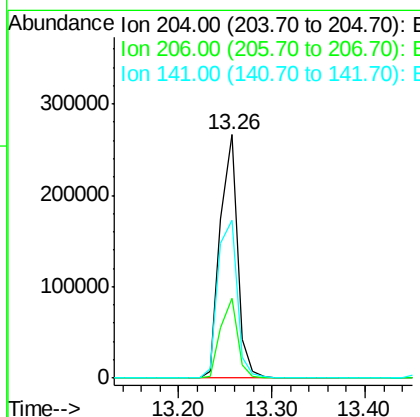
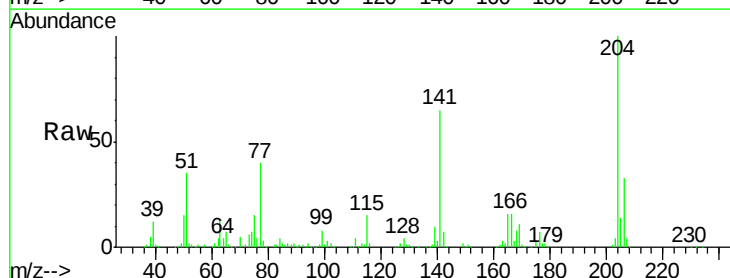
Manual Integrations
APPROVED

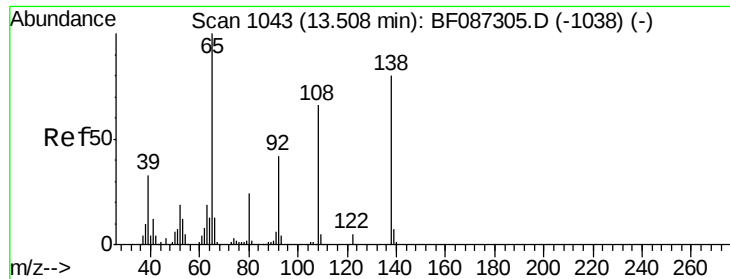
umangi
5/31/2016 7:40:36 PM



#60
4-Chlorophenyl-phenylether
Concen: 37.90 ng
RT: 13.26 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF087543.D
Acq: 30 May 2016 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	344478		
206	32.9	25.4	38.0	
141	64.7	61.6	92.4	





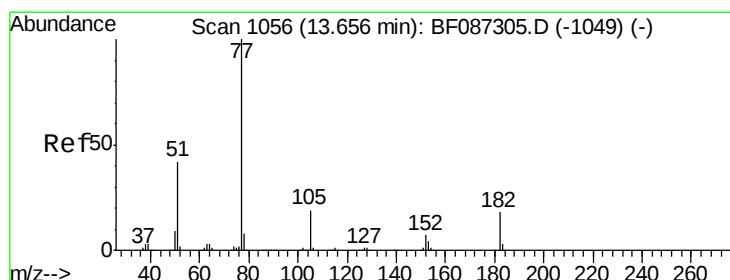
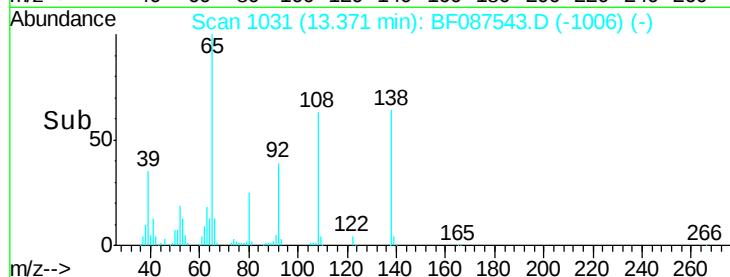
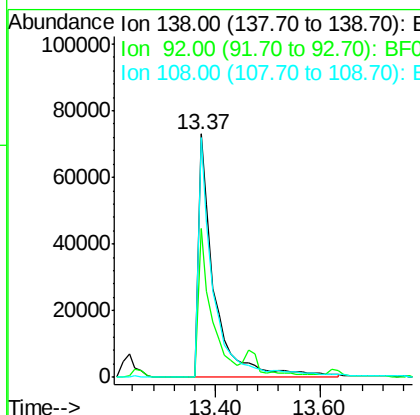
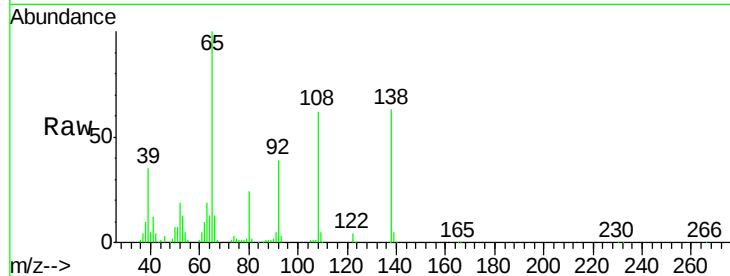
#61
4-Nitroaniline
Concen: 39.88 ng
RT: 13.37 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF087543.D
Acq: 30 May 2016 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	61.4	24.7	64.7
108	98.7	37.4	77.4

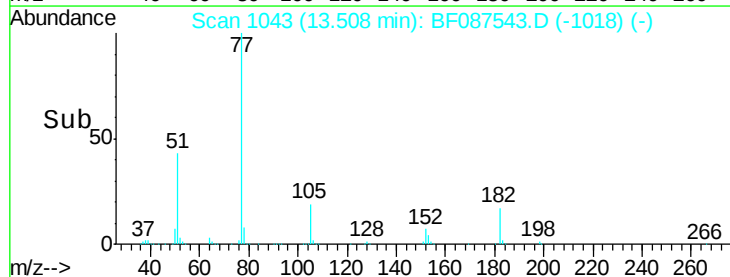
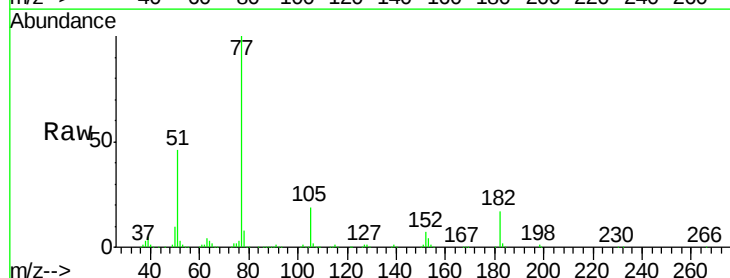
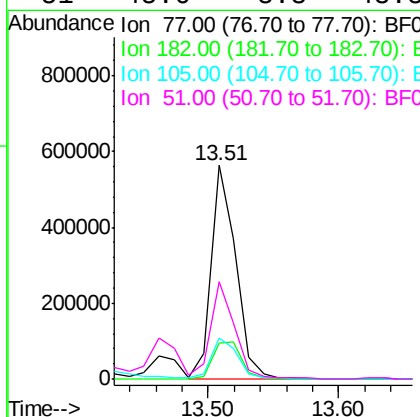
Manual Integrations
APPROVED

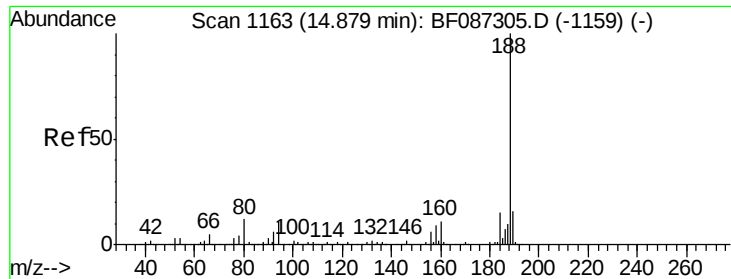
umangi
5/31/2016 7:40:36 PM



#62
Azobenzene
Concen: 36.09 ng
RT: 13.51 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF087543.D
Acq: 30 May 2016 10:46

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.1	0.0	38.8
105	18.9	3.2	43.2
51	45.6	8.8	48.8





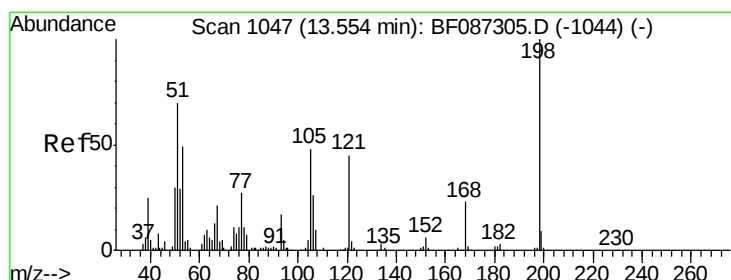
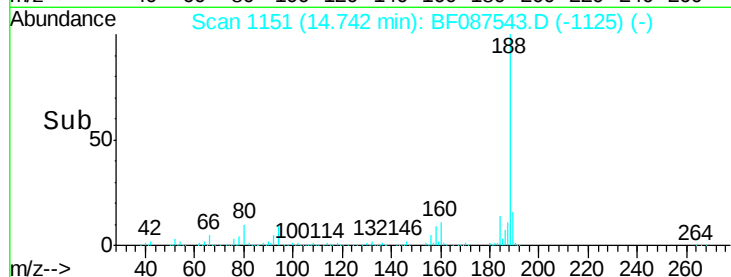
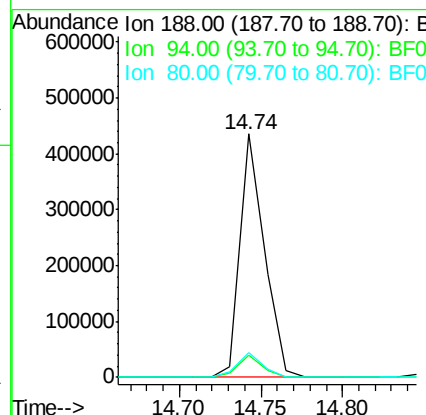
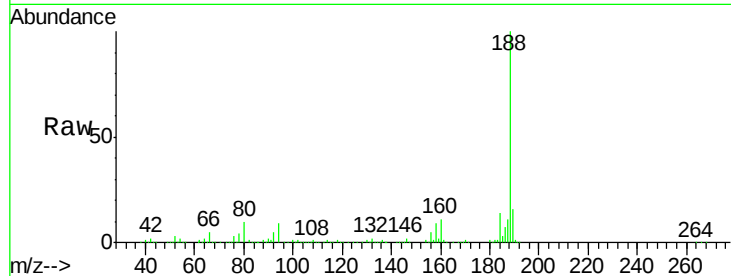
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF087543.D
Acq: 30 May 2016 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	447236		
94	9.2	6.8	10.2	
80	10.3	7.1	10.7	

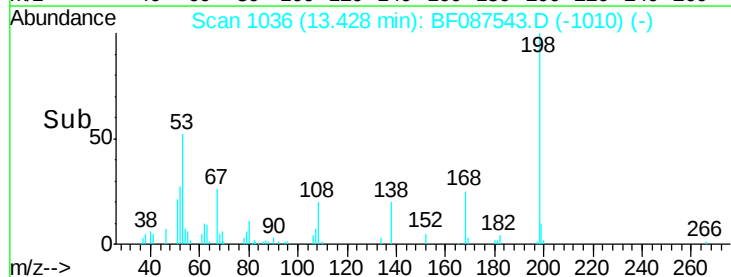
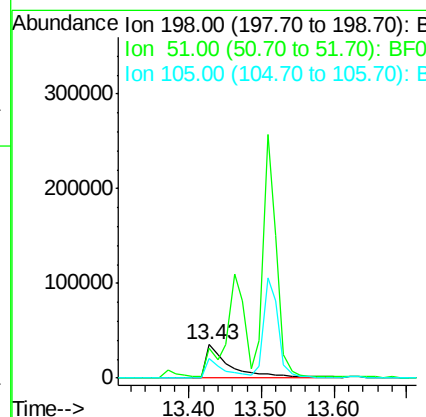
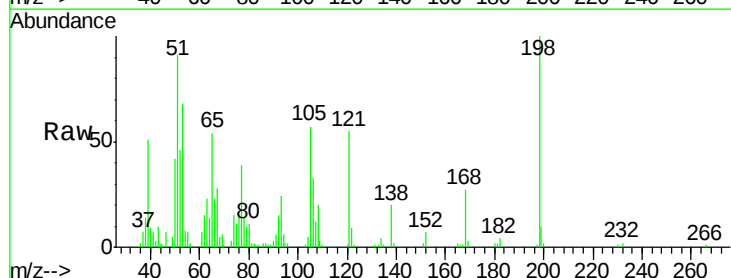
Manual Integrations
APPROVED

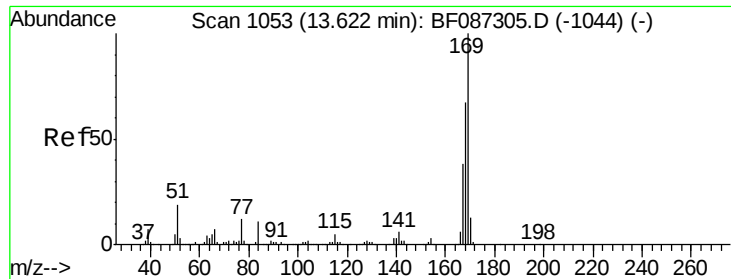
umangi
5/31/2016 7:40:36 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 30.01 ng
RT: 13.43 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF087543.D
Acq: 30 May 2016 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	85345		
51	90.6	20.5	60.5#	
105	57.3	24.5	64.5	





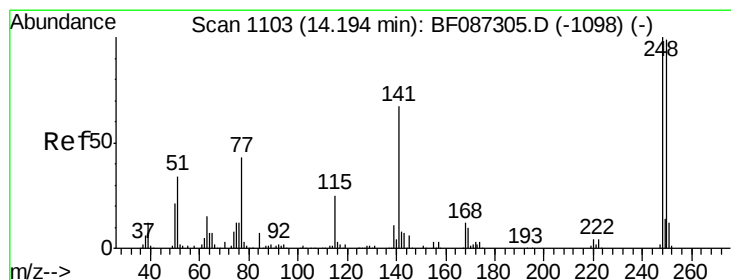
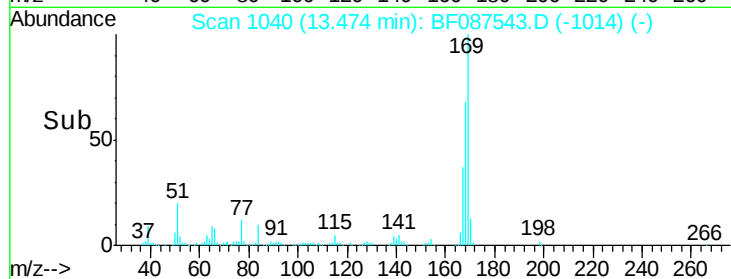
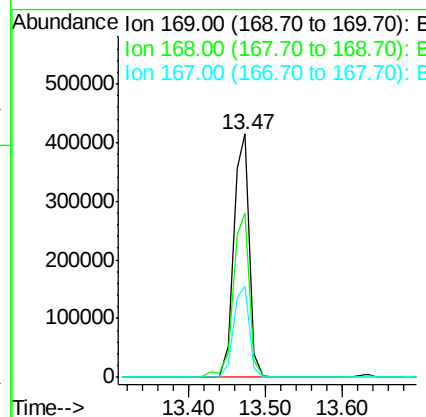
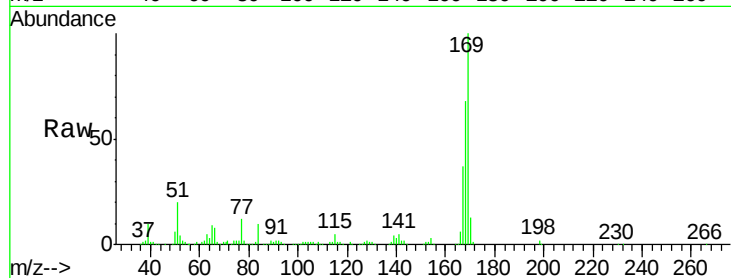
#65
n-Nitrosodiphenylamine
Concen: 41.42 ng
RT: 13.47 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF087543.D
Acq: 30 May 2016 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	599068		
168	67.7	53.8	80.6	
167	37.4	29.5	44.3	

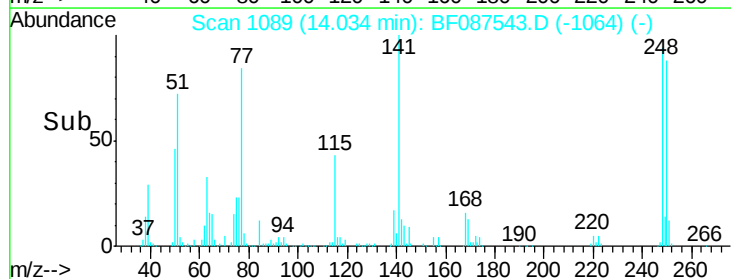
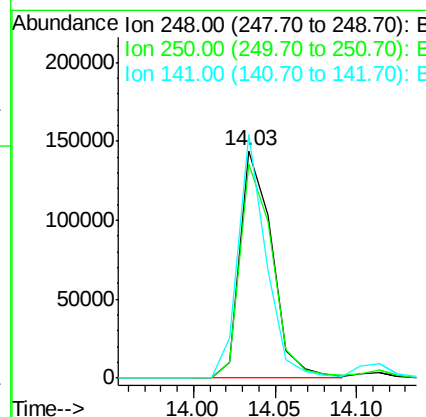
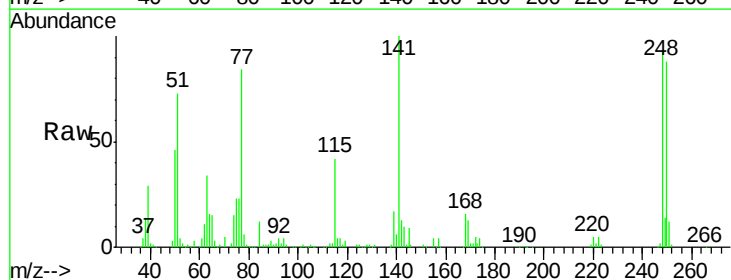
Manual Integrations
APPROVED

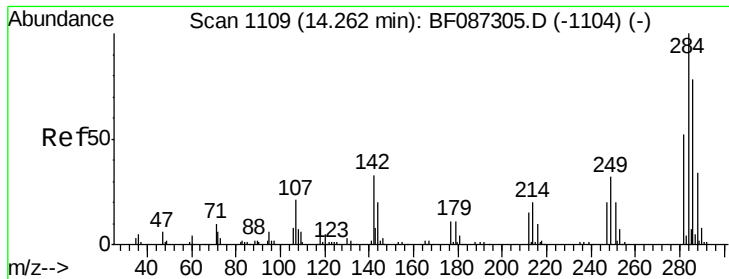
umangi
5/31/2016 7:40:36 PM



#66
4-Bromophenyl-phenylether
Concen: 39.95 ng
RT: 14.03 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BF087543.D
Acq: 30 May 2016 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	195483		
250	94.4	78.6	117.8	
141	107.1	76.0	114.0	





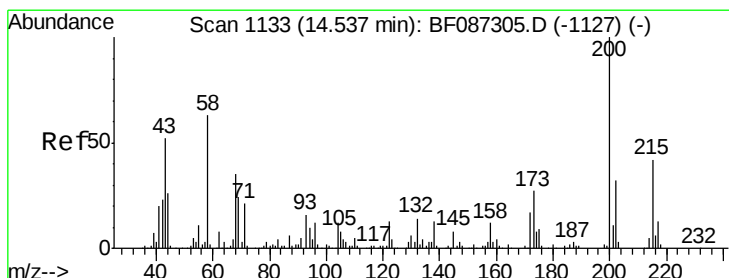
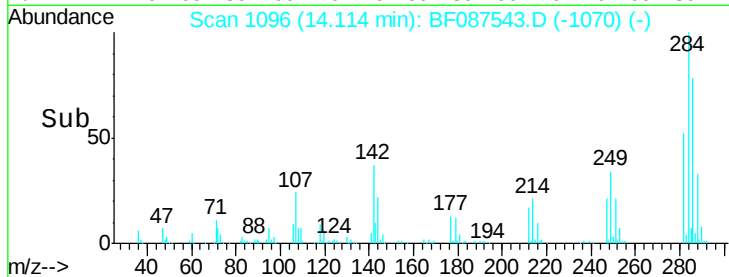
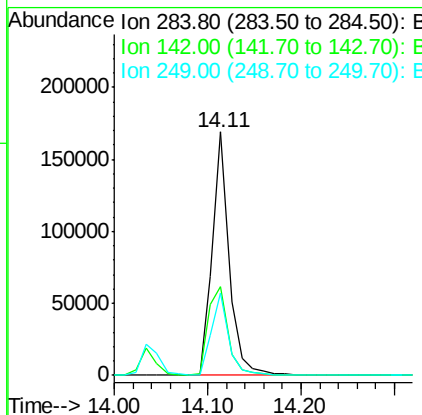
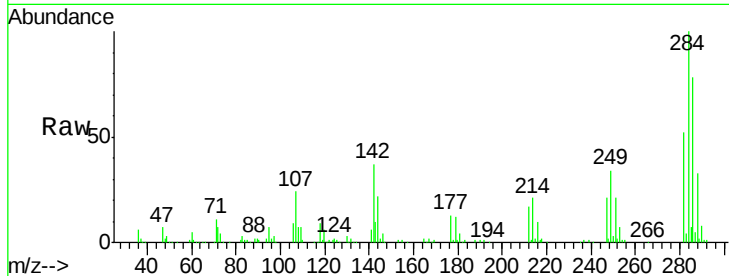
#67
Hexachlorobenzene
Concen: 41.79 ng
RT: 14.11 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BF087543.D
Acq: 30 May 2016 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	213839		
142	36.7	16.7	25.1#	
249	34.0	21.3	31.9#	

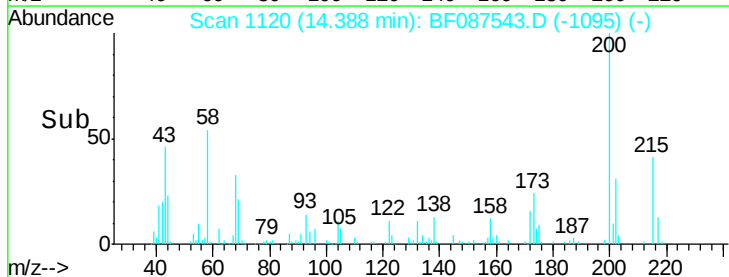
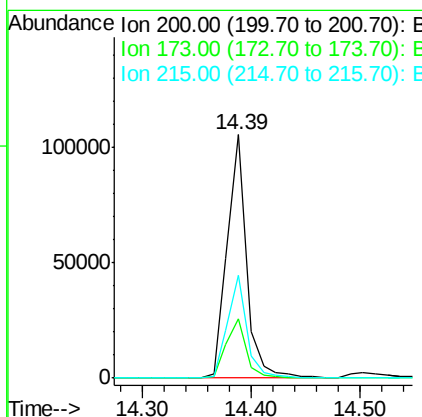
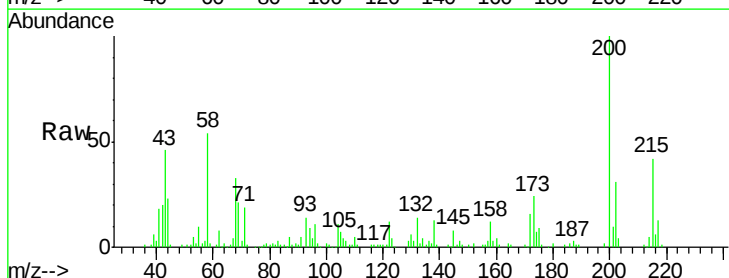
Manual Integrations
APPROVED

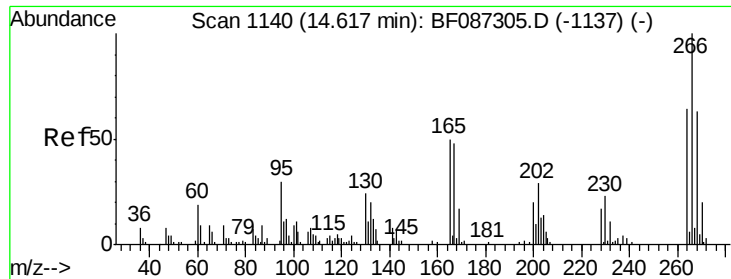
umangi
5/31/2016 7:40:36 PM



#68
Atrazine
Concen: 28.22 ng
RT: 14.39 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF087543.D
Acq: 30 May 2016 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	130101		
173	24.4	8.5	48.5	
215	42.2	27.2	67.2	





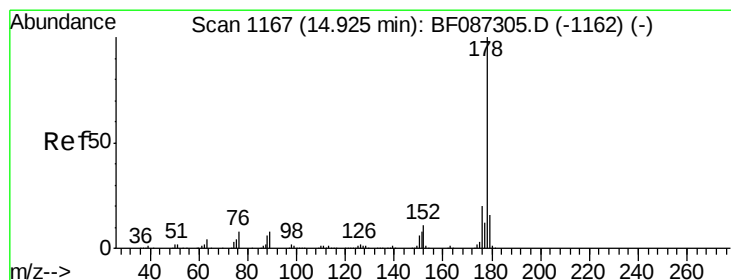
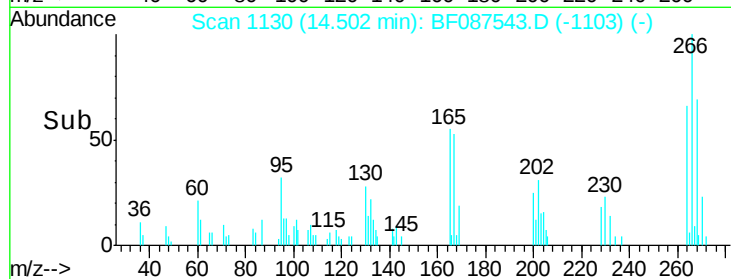
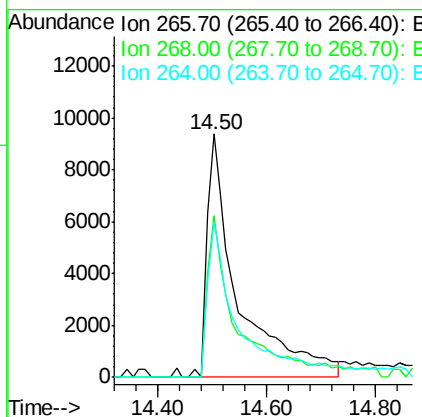
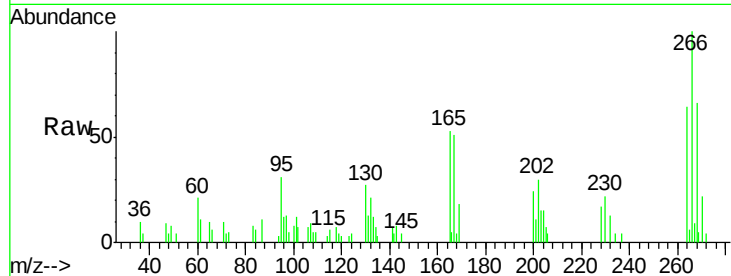
#69
 Pentachlorophenol
 Concen: 27.74 ng
 RT: 14.50 min Scan# 1130
 Delta R.T. 0.01 min
 Lab File: BF087543.D
 Acq: 30 May 2016 10:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.4	51.5	77.3
264	63.6	52.9	79.3

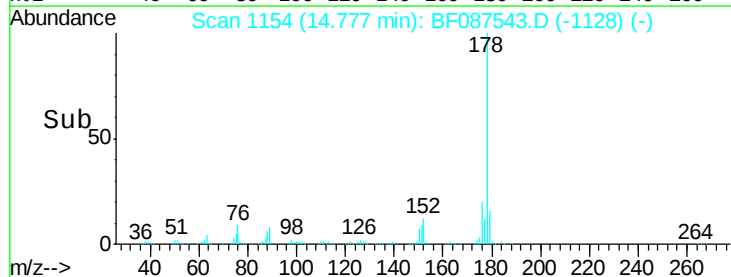
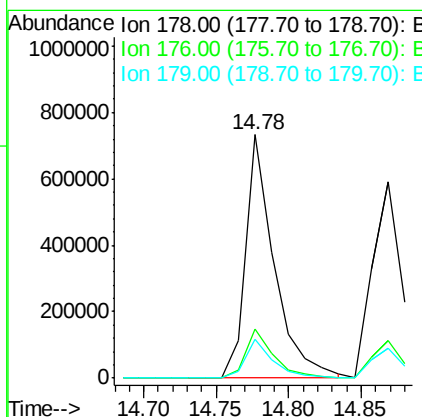
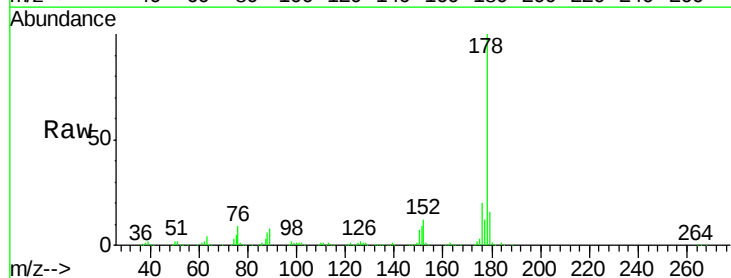
Manual Integrations
 APPROVED

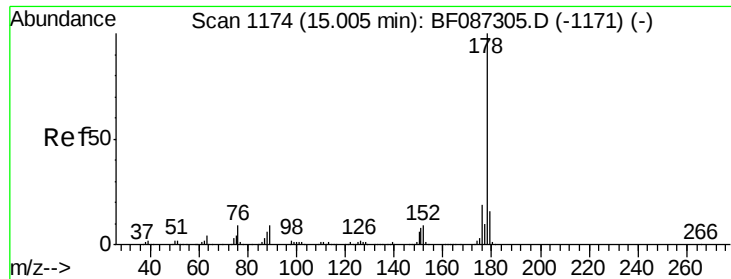
umangi
 5/31/2016 7:40:36 PM



#70
 Phenanthrene
 Concen: 40.55 ng
 RT: 14.78 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF087543.D
 Acq: 30 May 2016 10:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.0	24.0
179	16.0	12.6	18.8





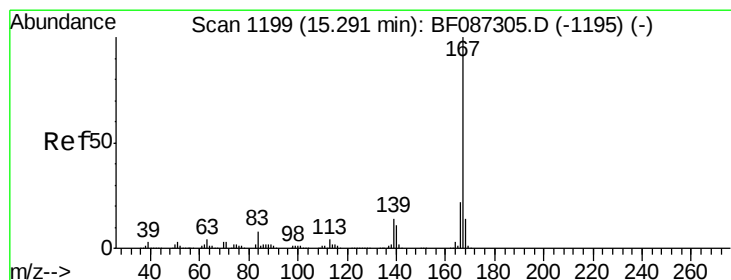
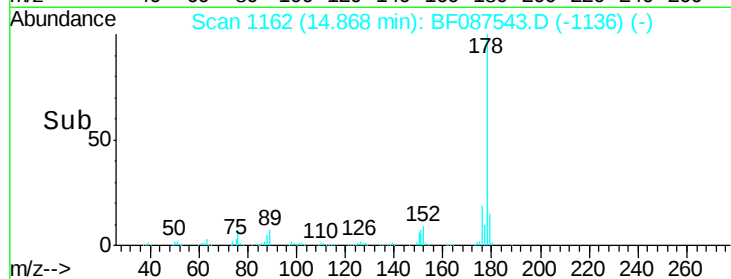
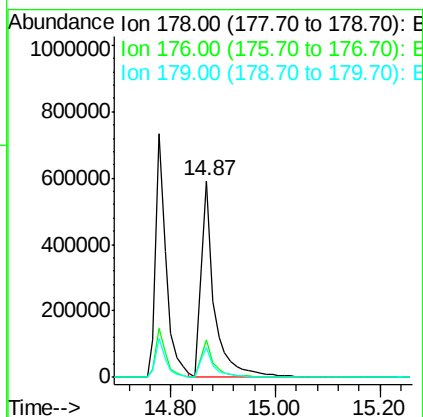
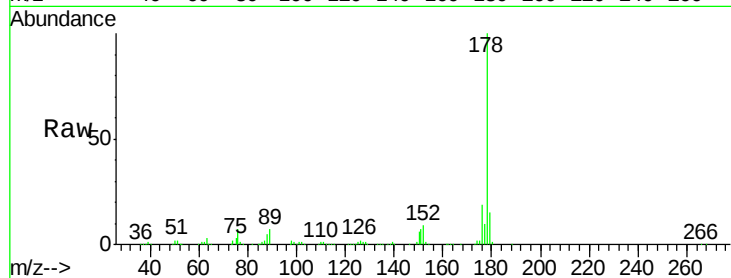
#71
 Anthracene
 Concen: 42.21 ng
 RT: 14.87 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BF087543.D
 Acq: 30 May 2016 10:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1056297
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.6 23.4
 179 15.0 12.7 19.1

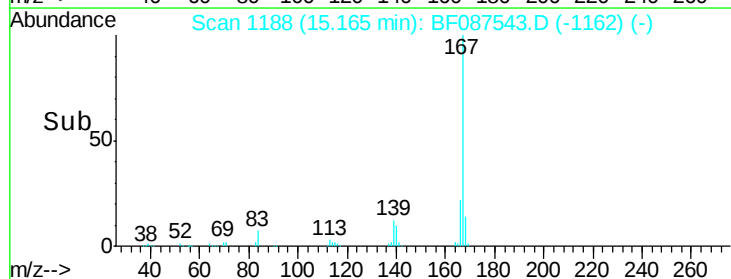
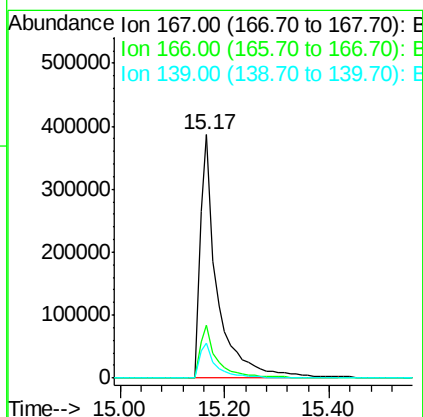
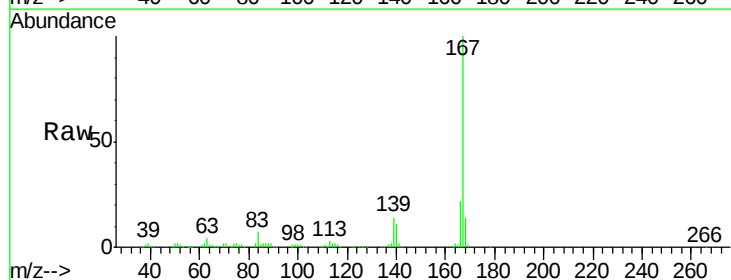
Manual Integrations
 APPROVED

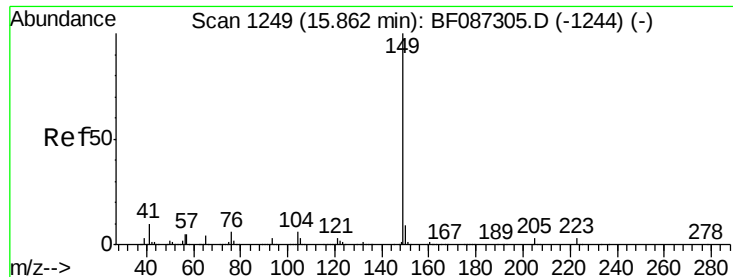
umangi
 5/31/2016 7:40:36 PM



#72
 Carbazole
 Concen: 41.18 ng
 RT: 15.17 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF087543.D
 Acq: 30 May 2016 10:46

Tgt Ion:167 Resp: 878885
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.7 26.5
 139 14.1 10.8 16.2





#73

Di-n-butylphthalate

Concen: 41.68 ng

RT: 15.73 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1150522

Ion Ratio Lower Upper

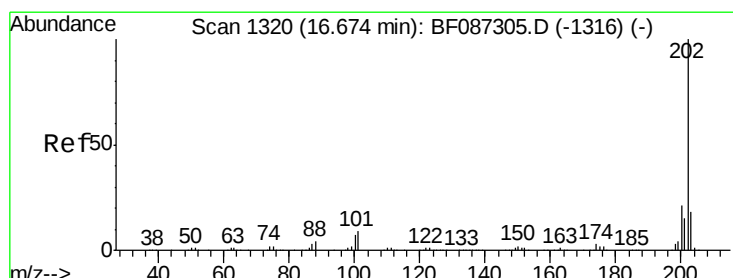
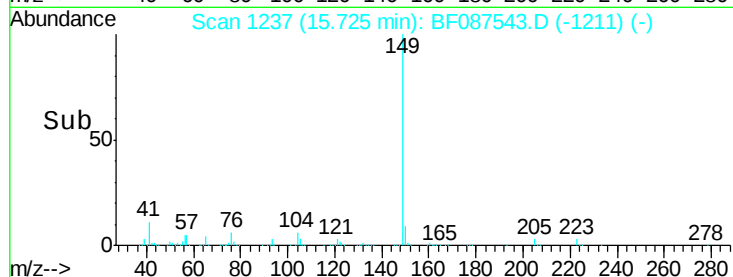
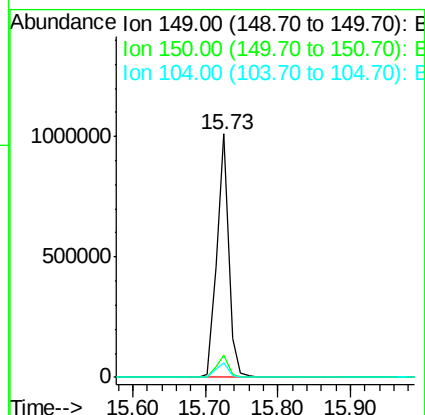
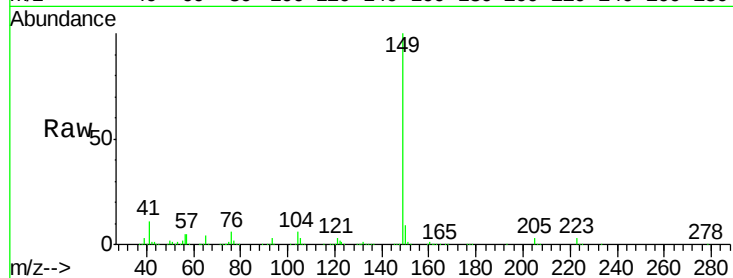
149 100

150 9.1 7.6 11.4

104 5.8 3.8 5.6#

Manual Integrations
APPROVED

umangi
5/31/2016 7:40:36 PM



#74

Fluoranthene

Concen: 39.11 ng

RT: 16.55 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

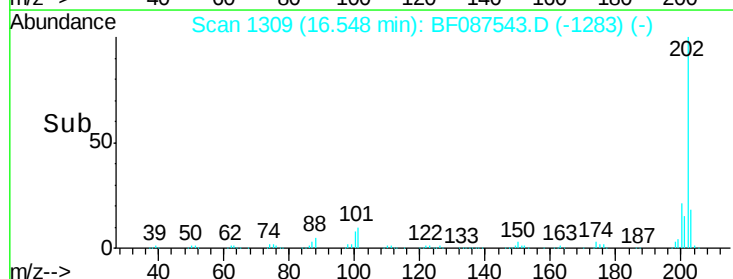
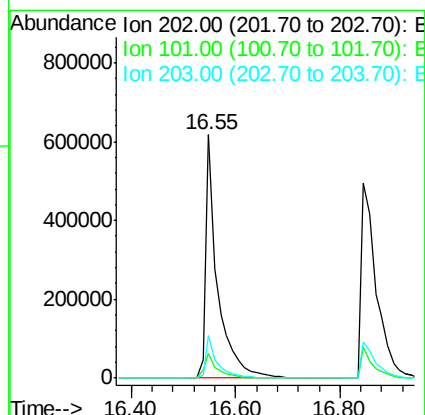
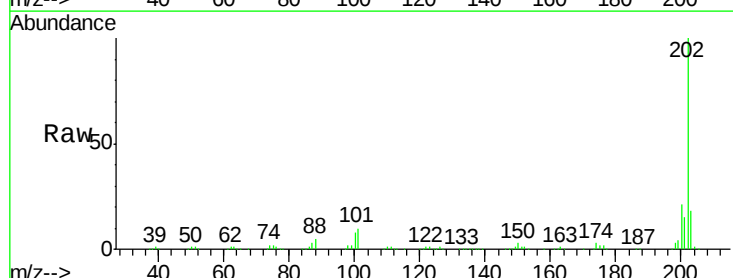
Tgt Ion:202 Resp: 971506

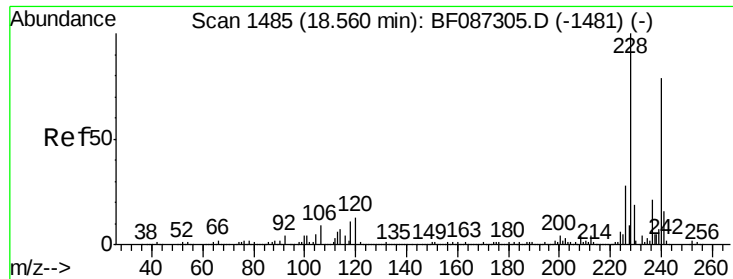
Ion Ratio Lower Upper

202 100

101 10.0 0.0 35.4

203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.45 min Scan# 1475

Delta R.T. 0.00 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

Instrument :

BNA_F

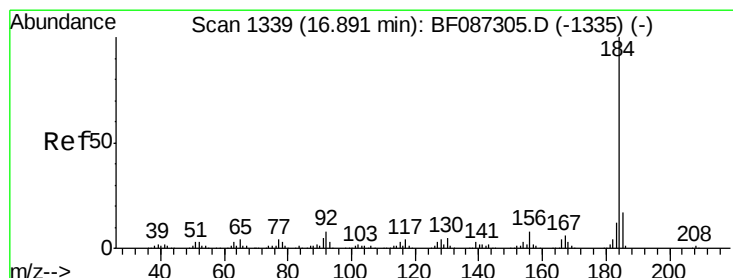
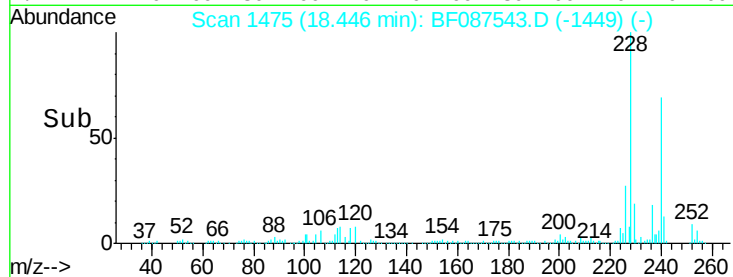
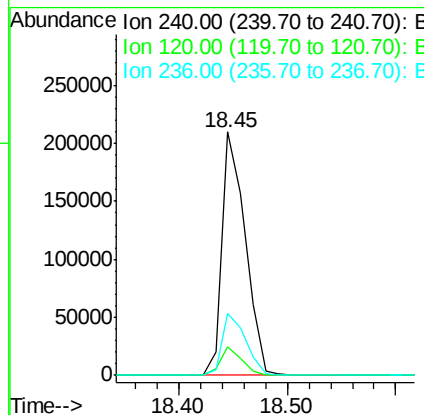
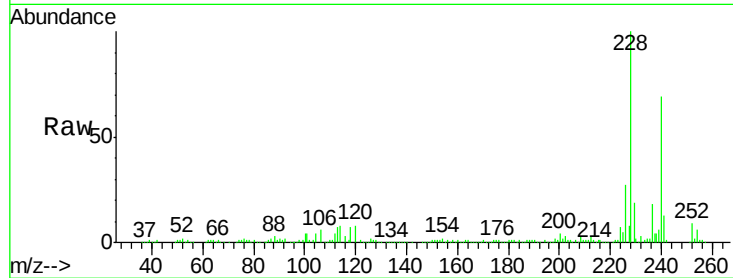
ClientSampleId :

SSTDCCC040

Tot Ion:	240	Resp:	312248
Ion Ratio	Lower	Upper	
240	100		
120	11.6	11.2	16.8
236	25.6	21.2	31.8

Manual Integrations
APPROVED

umangi
5/31/2016 7:40:36 PM



#76

Benzidine

Concen: 35.86 ng

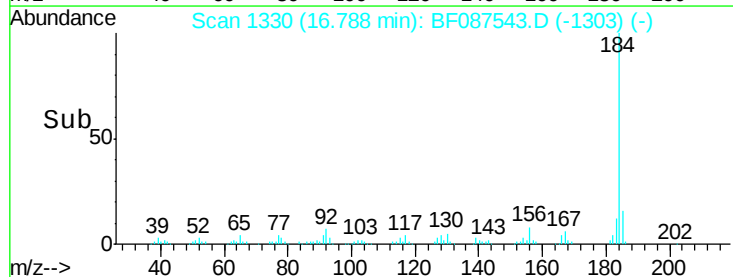
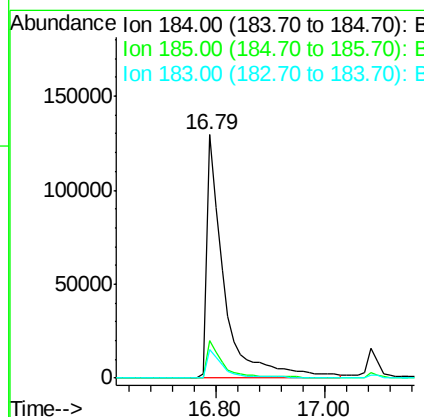
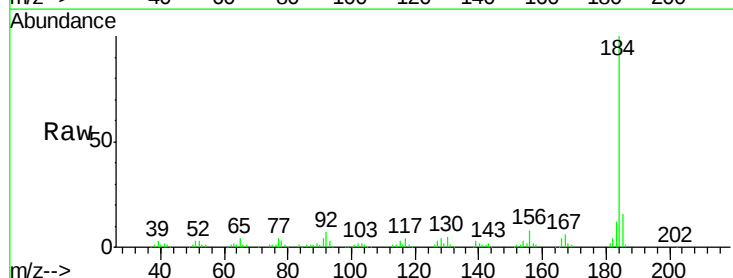
RT: 16.79 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

Tgt Ion:	184	Resp:	288077
Ion Ratio	Lower	Upper	
184	100		
185	15.5	13.6	20.4
183	12.0	9.8	14.6





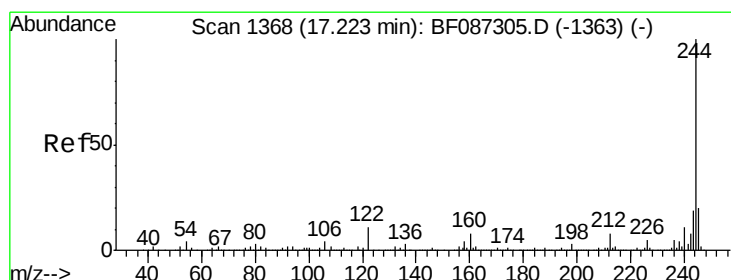
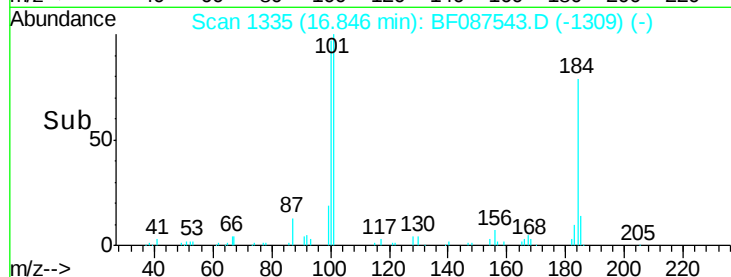
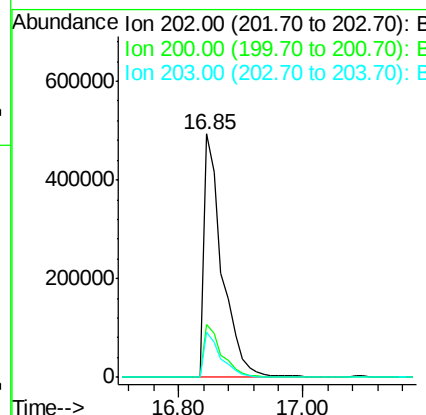
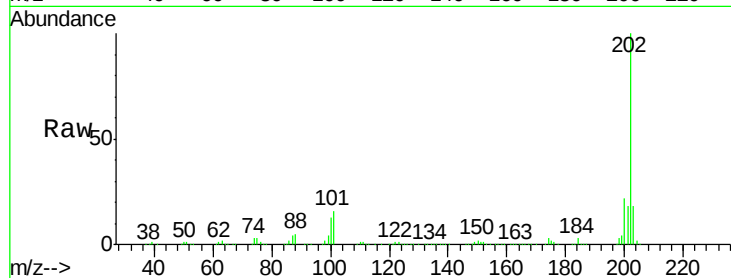
#77
Pvrene
Concen: 44.63 ng
RT: 16.85 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF087543.D
Acq: 30 May 2016 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	18.4	14.2	21.4

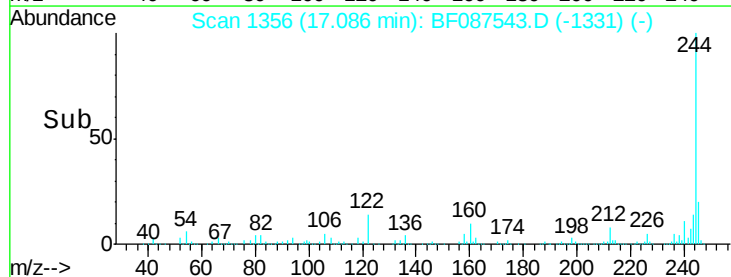
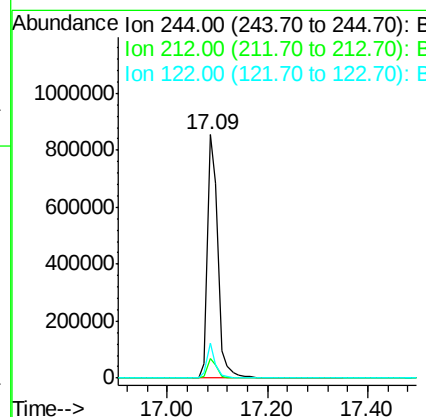
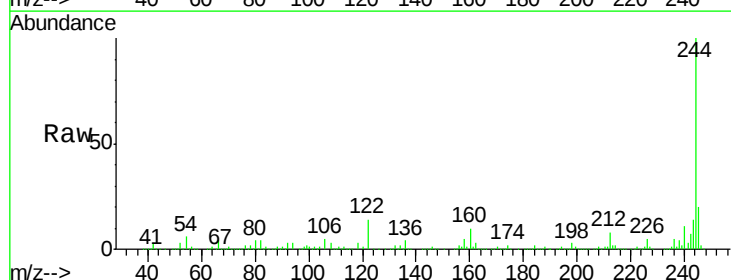
Manual Integrations
APPROVED

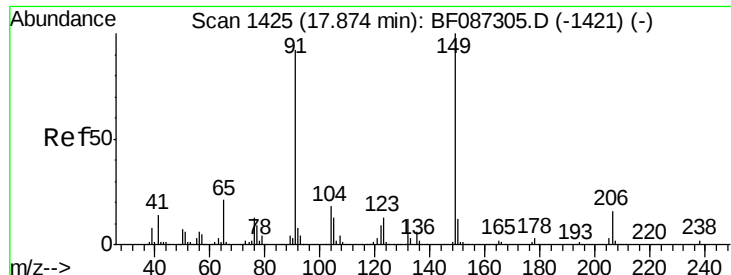
umangi
5/31/2016 7:40:36 PM



#78
Terphenyl-d14
Concen: 83.60 ng
RT: 17.09 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF087543.D
Acq: 30 May 2016 10:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	14.4	12.0	18.0





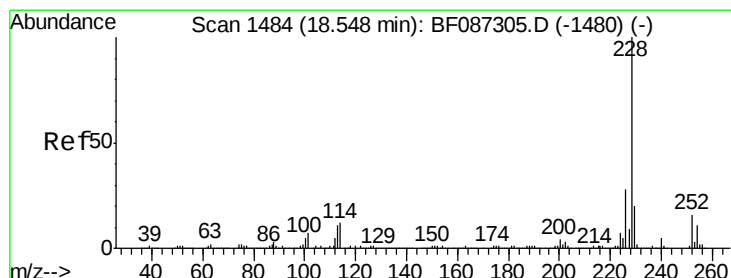
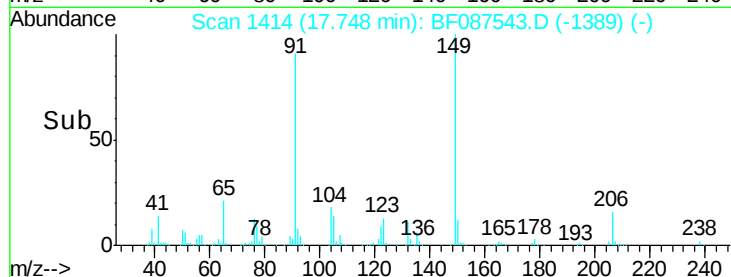
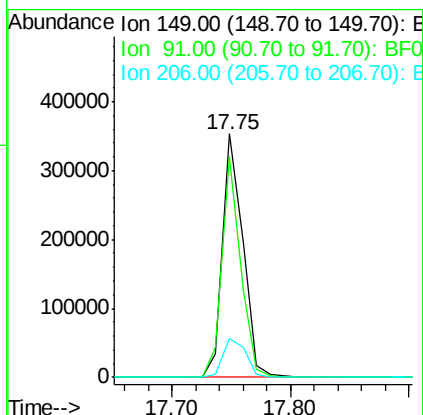
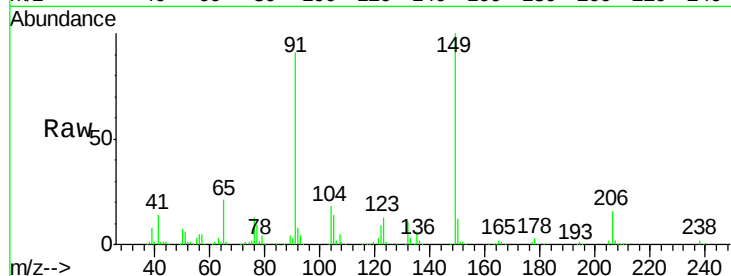
#79
Butylbenzylphthalate
Concen: 41.76 ng
RT: 17.75 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF087543.D
Acq: 30 May 2016 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	90.7	48.0	72.0#
206	15.8	15.8	23.6

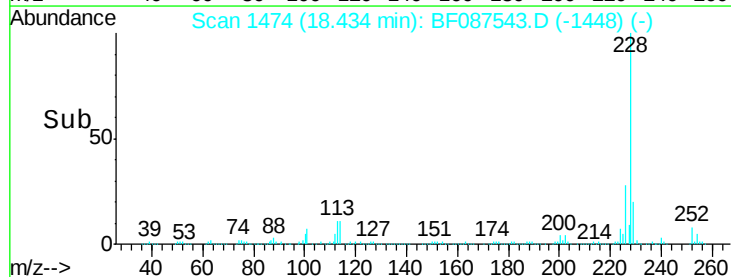
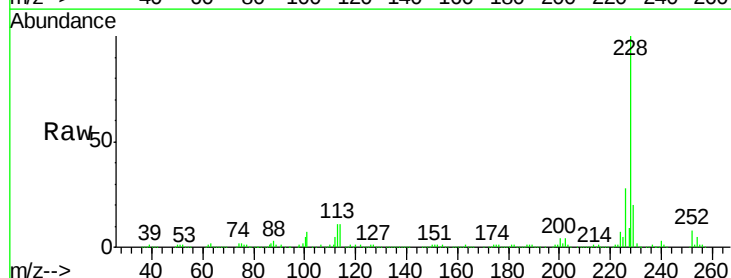
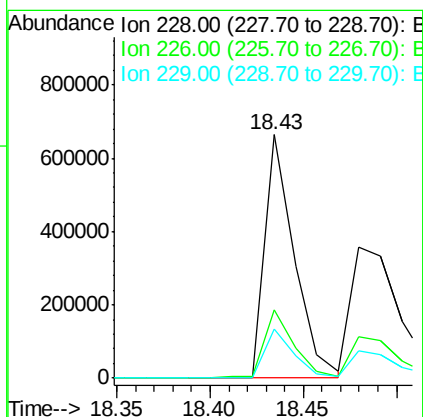
Manual Integrations
APPROVED

umangi
5/31/2016 7:40:36 PM



#80
Benzo(a)anthracene
Concen: 40.84 ng
RT: 18.43 min Scan# 1474
Delta R.T. 0.00 min
Lab File: BF087543.D
Acq: 30 May 2016 10:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.5	33.7
229	20.2	16.6	25.0





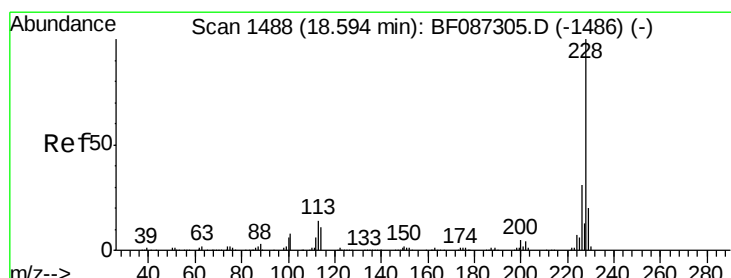
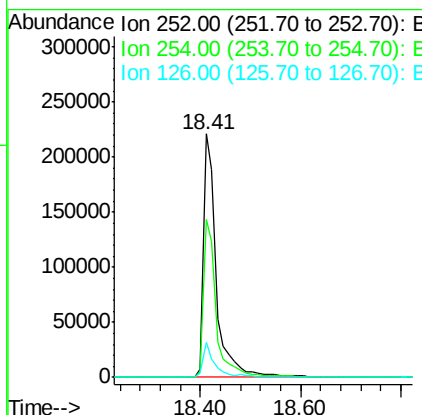
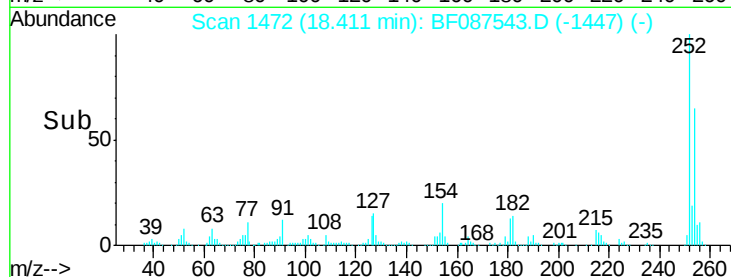
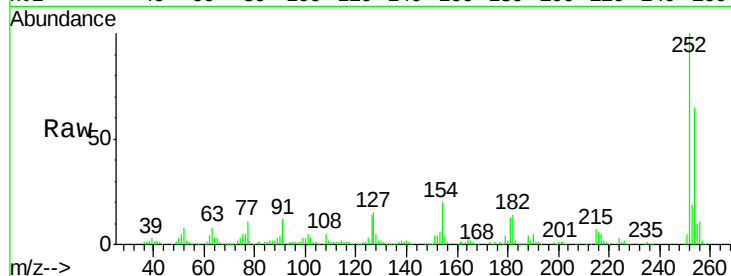
#81
 3,3'-Dichlorobenzidine
 Concen: 40.10 ng
 RT: 18.41 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF087543.D
 Acq: 30 May 2016 10:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	393504		
254	64.6	50.7	76.1	
126	14.4	12.7	19.1	

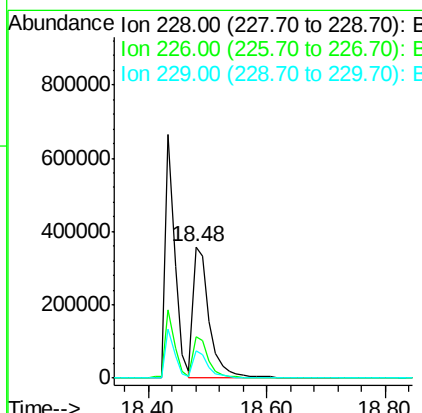
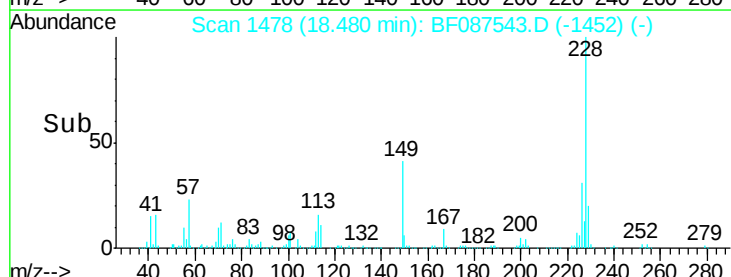
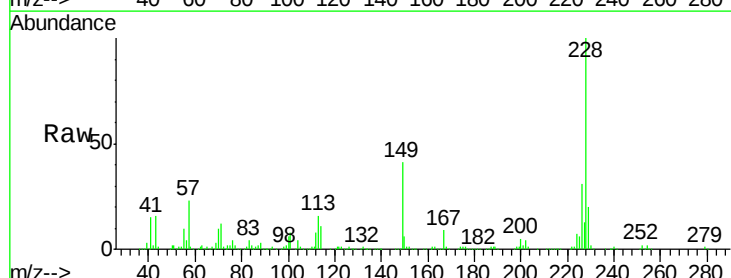
Manual Integrations
 APPROVED

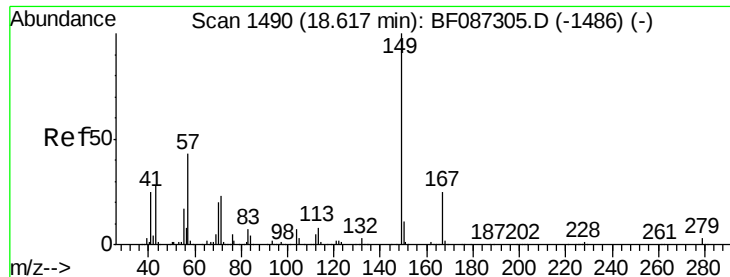
umangi
 5/31/2016 7:40:36 PM



#82
 Chrysene
 Concen: 38.77 ng
 RT: 18.48 min Scan# 1478
 Delta R.T. 0.00 min
 Lab File: BF087543.D
 Acq: 30 May 2016 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	683324		
226	31.2	24.4	36.6	
229	20.3	15.8	23.8	





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.33 ng

RT: 18.49 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

Instrument :

BNA_F

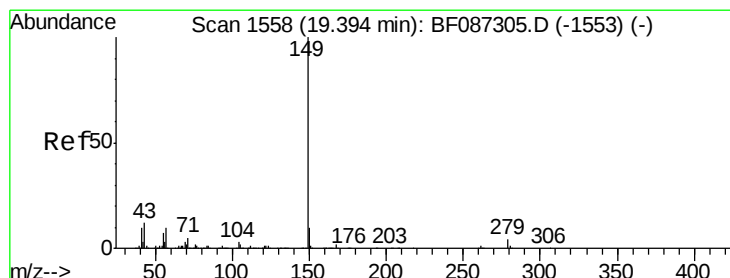
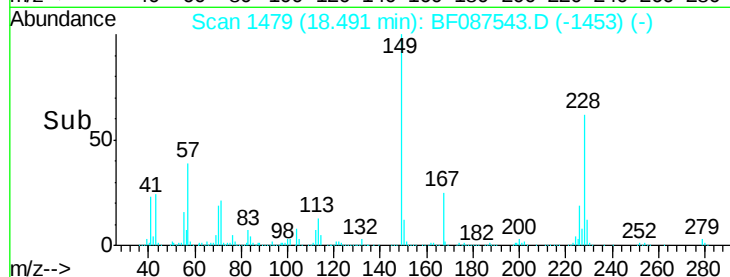
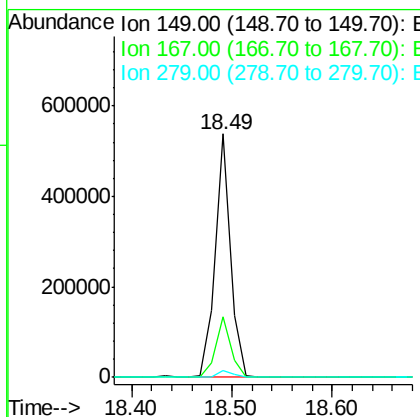
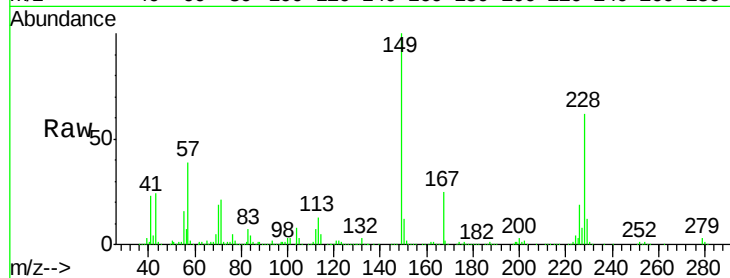
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	571976
Ion Ratio	Lower	Upper	
149	100		
167	24.7	21.8	32.6
279	2.8	2.6	4.0

Manual Integrations
APPROVED

umangi
5/31/2016 7:40:36 PM



#84

Di-n-octyl phthalate

Concen: 38.57 ng

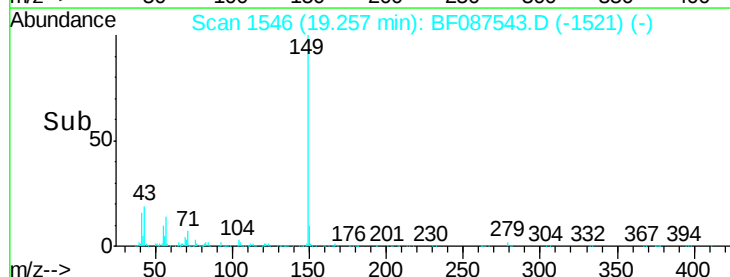
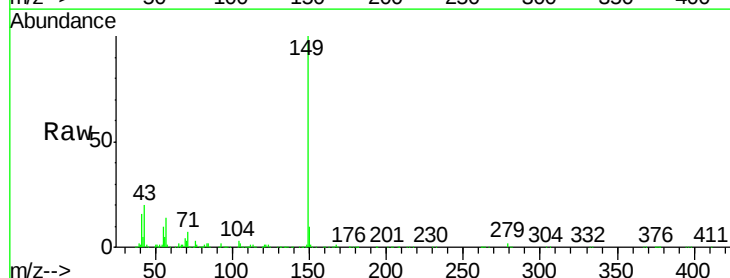
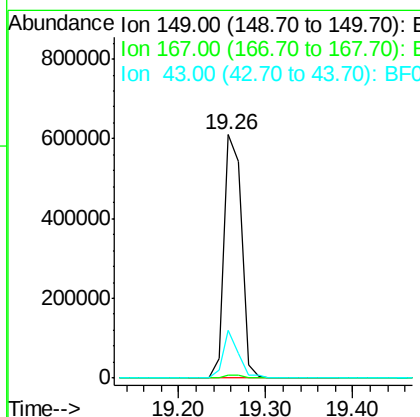
RT: 19.26 min Scan# 1546

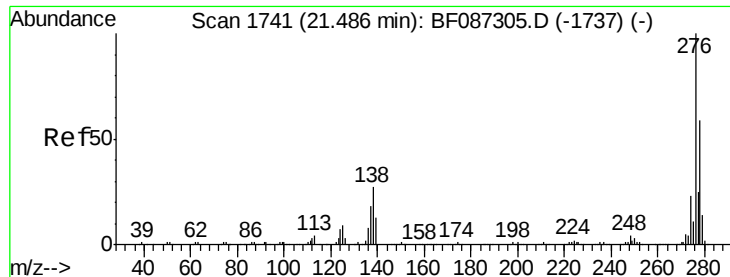
Delta R.T. -0.01 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

Tgt Ion:	149	Resp:	855542
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	17.7	8.2	12.4#





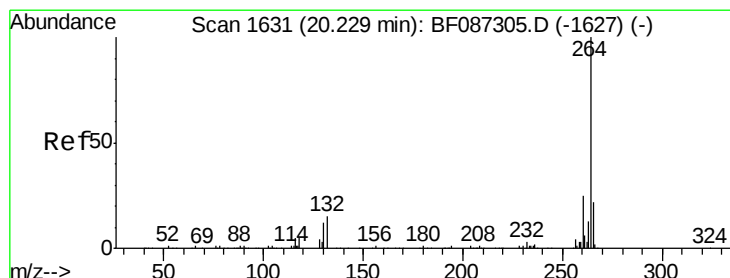
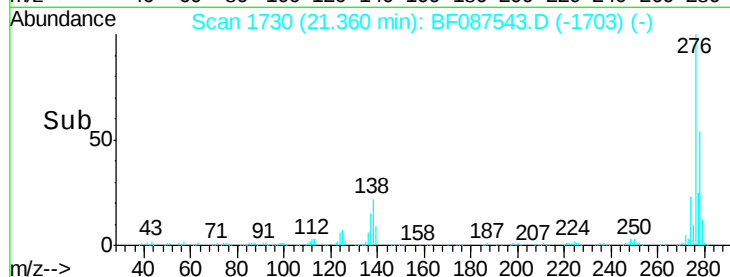
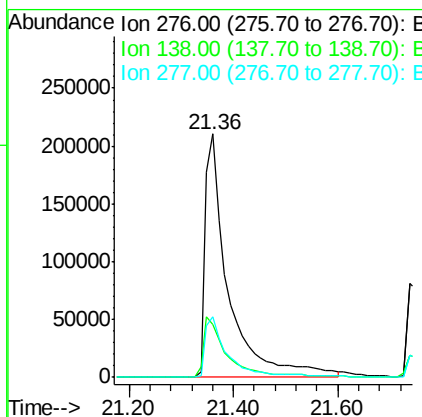
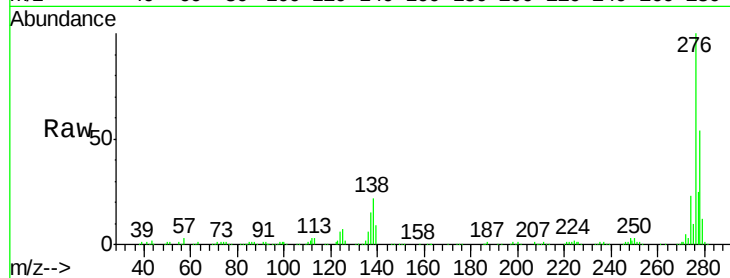
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.67 ng
RT: 21.36 min Scan# 1730
Delta R.T. 0.01 min
Lab File: BF087543.D
Acq: 30 May 2016 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.8	25.6	38.4
277	25.0	20.5	30.7

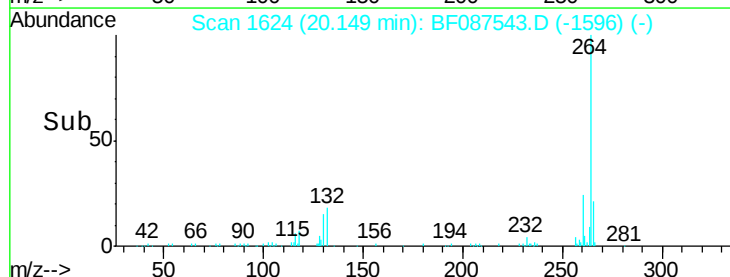
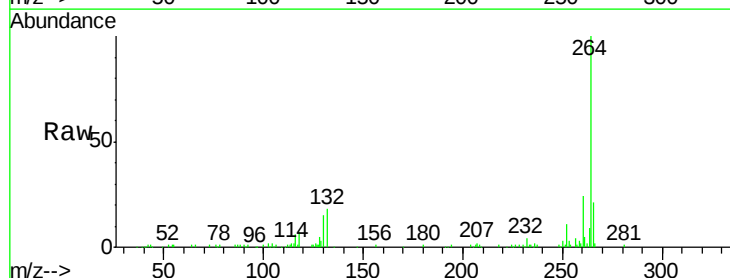
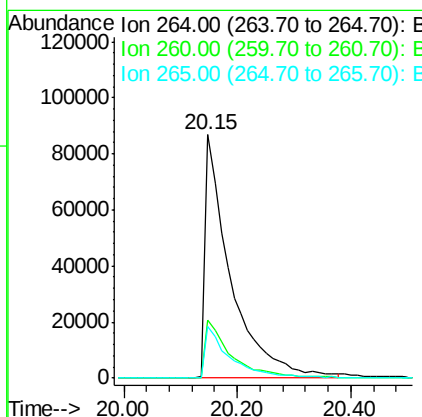
Manual Integrations
APPROVED

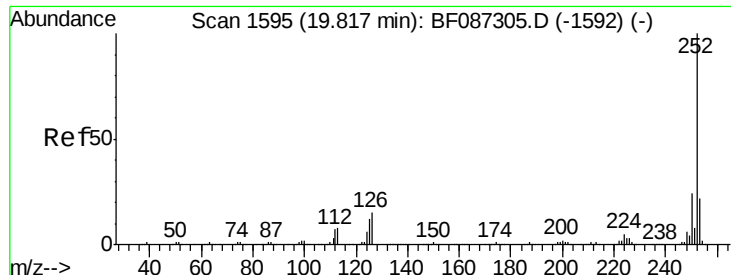
umangi
5/31/2016 7:40:36 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 20.15 min Scan# 1624
Delta R.T. 0.02 min
Lab File: BF087543.D
Acq: 30 May 2016 10:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.3	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 34.55 ng m

RT: 19.71 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

Instrument :

BNA_F

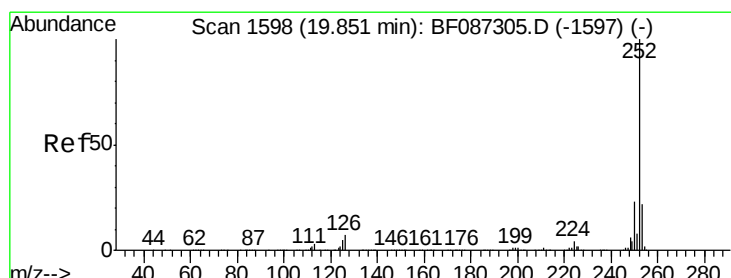
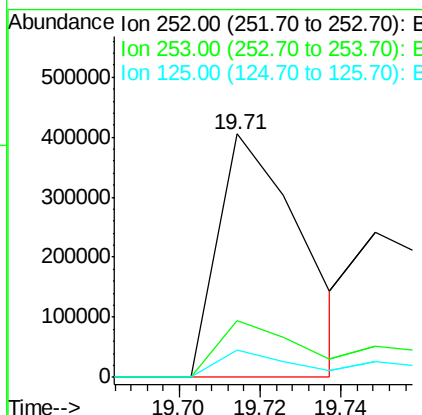
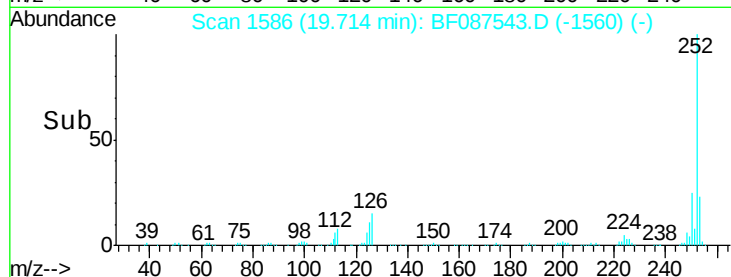
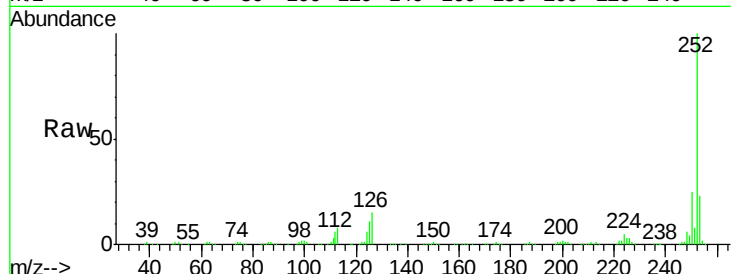
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	583991
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.8	26.6
125	11.1	11.4	17.0

Manual Integrations
APPROVED

umangi
5/31/2016 7:40:36 PM



#88

Benzo(k)fluoranthene

Concen: 48.09 ng m

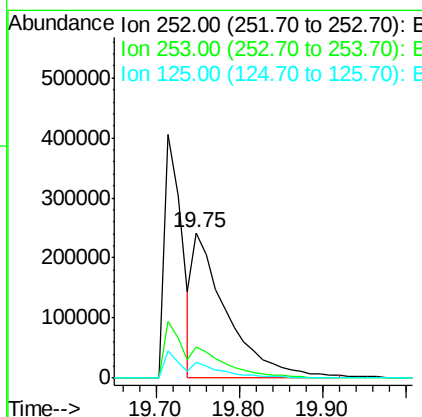
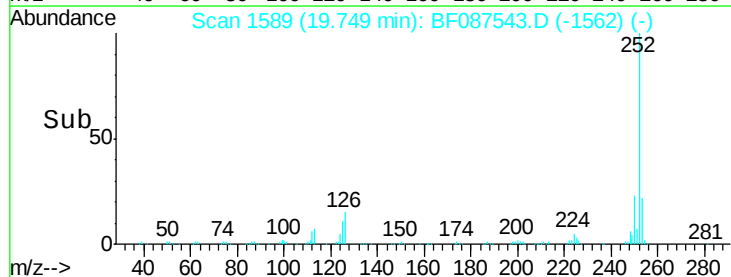
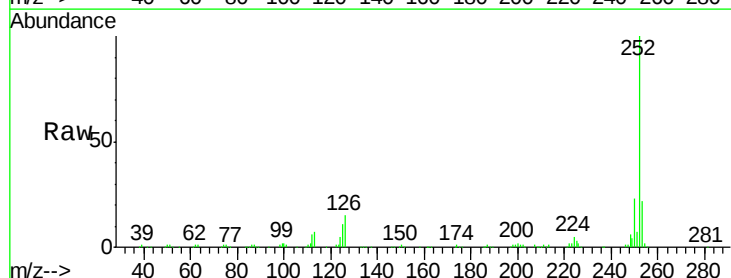
RT: 19.75 min Scan# 1589

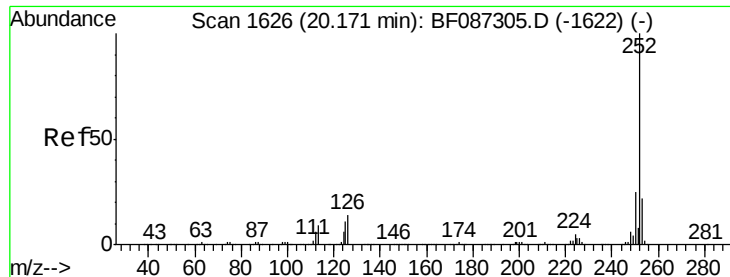
Delta R.T. 0.01 min

Lab File: BF087543.D

Acq: 30 May 2016 10:46

Tgt Ion:	252	Resp:	699563
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.8	26.6
125	10.9	9.1	13.7





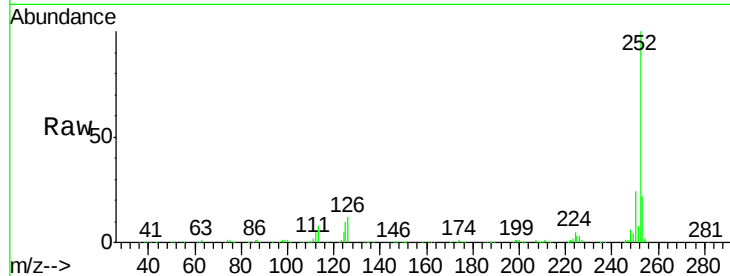
#89
Benzo(a)pyrene
Concen: 38.77 ng
RT: 20.08 min Scan# 1618
Delta R.T. 0.01 min
Lab File: BF087543.D
Acq: 30 May 2016 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

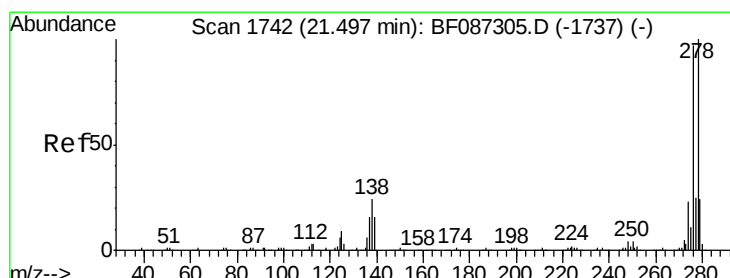
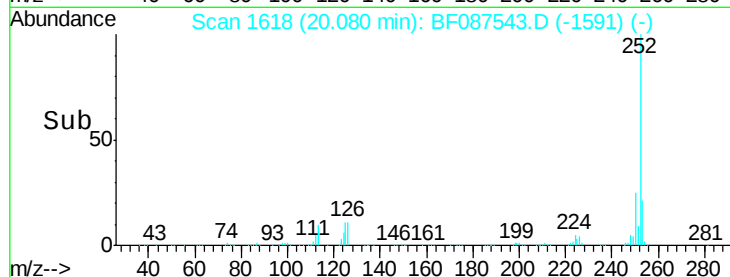
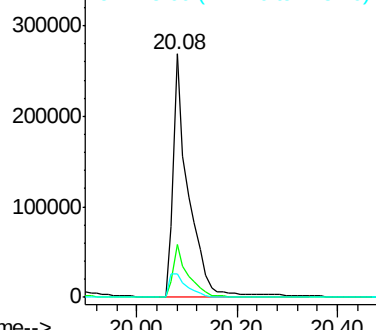
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	9.8	9.0	13.6

Manual Integrations
APPROVED

umangi
5/31/2016 7:40:36 PM



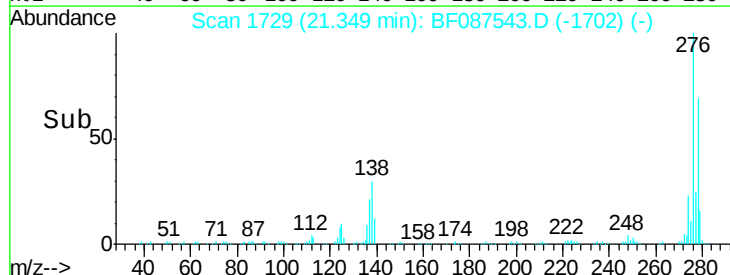
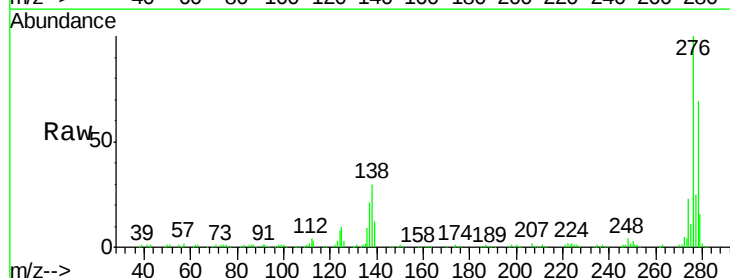
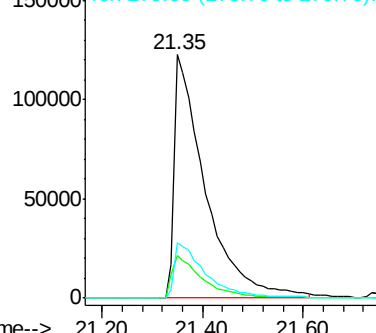
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

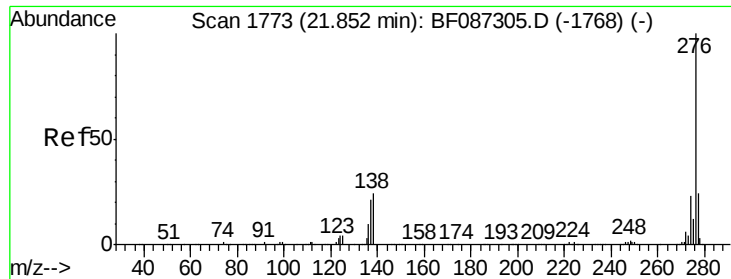


#90
Dibenzo(a,h)anthracene
Concen: 42.26 ng
RT: 21.35 min Scan# 1729
Delta R.T. 0.01 min
Lab File: BF087543.D
Acq: 30 May 2016 10:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.6	16.6	24.8
279	22.6	19.6	29.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 36.32 ng
 RT: 21.74 min Scan# 1763
 Delta R.T. 0.05 min
 Lab File: BF087543.D
 Acq: 30 May 2016 10:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.6	29.4
138	23.3	23.6	35.4

Manual Integrations
 APPROVED

umangi
 5/31/2016 7:40:36 PM

