

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030116\
 Data File : BF085103.D
 Acq On : 1 Mar 2016 20:57
 Operator : SJ/IZ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

UMANGI
 3/2/2016 1:04:17 PM

Quant Time: Mar 02 13:20:53 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 00:39:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	191249	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	779417	20.00	ng	0.01
38) Acenaphthene-d10	10.03	164	373053	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	697833	20.00	ng	0.00
75) Chrysene-d12	14.16	240	486940	20.00	ng	0.00
86) Perylene-d12	15.62	264	394651	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1829984	167.59	ng	0.01
7) Phenol-d6	6.63	99	2267095	164.45	ng	0.01
23) Nitrobenzene-d5	7.56	82	2061364	158.10	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	629437	159.27	ng	0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	13.11	244	3376816	189.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	436050	83.23	ng	100
3) Pyridine	3.46	79	1210484	87.91	ng	99
4) n-Nitrosodimethylamine	3.43	42	510466	79.37	ng	95
6) Aniline	6.66	93	1589962	81.99	ng	96
8) 2-Chlorophenol	6.78	128	949194	74.86	ng	93
9) Benzaldehyde	6.54	77	464657	58.60	ng	98
10) Phenol	6.64	94	1345666m	91.03	ng	
11) bis(2-Chloroethyl)ether	6.73	93	916887	72.49	ng	95
12) 1,3-Dichlorobenzene	6.94	146	1005728m	73.12	ng	
13) 1,4-Dichlorobenzene	7.02	146	1100849	80.28	ng	93
14) 1,2-Dichlorobenzene	7.16	146	845586	65.60	ng	96
15) Benzyl Alcohol	7.13	79	873540	85.63	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.27	45	1539454	81.36	ng	100
17) 2-Methylphenol	7.24	107	831491	80.78	ng	98
18) Hexachloroethane	7.51	117	387902	77.85	ng	98
19) n-Nitroso-di-n-propylamine	7.42	70	739879	77.23	ng	93
20) 3+4-Methylphenols	7.40	107	1003155	79.42	ng	# 81
22) Acetophenone	7.40	105	1357182	69.85	ng	# 88
24) Nitrobenzene	7.59	77	1223228	92.65	ng	# 84
25) Isophorone	7.83	82	2153931	79.83	ng	97
26) 2-Nitrophenol	7.90	139	562932	113.52	ng	# 85
27) 2,4-Dimethylphenol	7.93	122	986137	77.24	ng	93
28) bis(2-Chloroethoxy)methane	8.03	93	1240168	78.27	ng	97
29) 2,4-Dichlorophenol	8.14	162	843051	77.43	ng	93
30) 1,2,4-Trichlorobenzene	8.22	180	840660	68.45	ng	98
31) Naphthalene	8.31	128	2776417	74.37	ng	99
32) Benzoic acid	8.07	122	714204	87.93	ng	98
33) 4-Chloroaniline	8.35	127	1198865	74.51	ng	# 87
34) Hexachlorobutadiene	8.42	225	530236	71.39	ng	99
35) Caprolactam	8.74	113	268442	81.79	ng	99
36) 4-Chloro-3-methylphenol	8.83	107	965458	82.95	ng	85
37) 2-Methylnaphthalene	8.99	142	1586902	65.26	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	866525	69.52	ng	98
40) Hexachlorocyclopentadiene	9.15	237	535071	78.97	ng	97

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030116\
 Data File : BF085103.D
 Acq On : 1 Mar 2016 20:57
 Operator : SJ/IZ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

UMANGI
 3/2/2016 1:04:17 PM

Quant Time: Mar 02 13:20:53 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 00:39:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	594519	74.60	ng	99
43) 2,4,5-Trichlorophenol	9.30	196	543266	69.55	ng	95
45) 1,1'-Biphenyl	9.46	154	2218614	69.72	ng	95
46) 2-Chloronaphthalene	9.48	162	1621939	69.24	ng	97
47) 2-Nitroaniline	9.58	65	605882	101.29	ng	# 80
48) Acenaphthylene	9.90	152	2610410	69.23	ng	100
49) Dimethylphthalate	9.76	163	1995085	73.42	ng	99
50) 2,6-Dinitrotoluene	9.82	165	452688	78.81	ng	89
51) Acenaphthene	10.08	154	1706483	73.26	ng	95
52) 3-Nitroaniline	9.99	138	474921	70.34	ng	90
53) 2,4-Dinitrophenol	10.09	184	230048	149.18	ng	# 1
54) Dibenzofuran	10.24	168	2020903	65.20	ng	99
55) 4-Nitrophenol	10.14	139	381107	71.28	ng	# 60
56) 2,4-Dinitrotoluene	10.23	165	678433	96.04	ng	# 69
57) Fluorene	10.58	166	1584015	62.16	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.35	232	413605	65.05	ng	100
59) Diethylphthalate	10.46	149	1823585	64.74	ng	97
60) 4-Chlorophenyl-phenylether	10.57	204	857972	65.75	ng	98
61) 4-Nitroaniline	10.60	138	527510	82.60	ng	85
62) Azobenzene	10.73	77	2061134	75.97	ng	98
65) n-Nitrosodiphenylamine	10.70	169	1451197	66.11	ng	99
66) 4-Bromophenyl-phenylether	11.06	248	543300	67.62	ng	93
67) Hexachlorobenzene	11.13	284	594572	69.79	ng	95
68) Atrazine	11.22	200	462637	72.71	ng	96
69) Pentachlorophenol	11.32	266	402650	78.35	ng	97
70) Phenanthrene	11.54	178	2524522	72.25	ng	100
71) Anthracene	11.60	178	2498657	70.44	ng	99
72) Carbazole	11.75	167	2121447	66.01	ng	99
73) Di-n-butylphthalate	12.08	149	2938733	79.23	ng	98
74) Fluoranthene	12.73	202	2387606	63.08	ng	97
77) Pyrene	12.96	202	2434419	81.64	ng	100
79) Butylbenzylphthalate	13.58	149	1202370	100.48	ng	90
80) Benzo(a)anthracene	14.15	228	2029976	74.24	ng	98
81) 3,3'-Dichlorobenzidine	14.10	252	664759	66.95	ng	99
82) Chrysene	14.18	228	1793110m	71.38	ng	
83) Bis(2-ethylhexyl)phthalate	14.13	149	1275721	80.08	ng	99
84) Di-n-octyl phthalate	14.74	149	1873471	73.80	ng	99
85) Indeno(1,2,3-cd)pyrene	17.12	276	2071854	85.18	ng	99
87) Benzo(b)fluoranthene	15.20	252	1654652	66.09	ng	# 98
88) Benzo(k)fluoranthene	15.23	252	1629365m	81.56	ng	
89) Benzo(a)pyrene	15.57	252	1584062	74.71	ng	98
90) Dibenzo(a,h)anthracene	17.14	278	1713937	92.46	ng	98
91) Benzo(g,h,i)perylene	17.58	276	1769796	96.59	ng	97

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

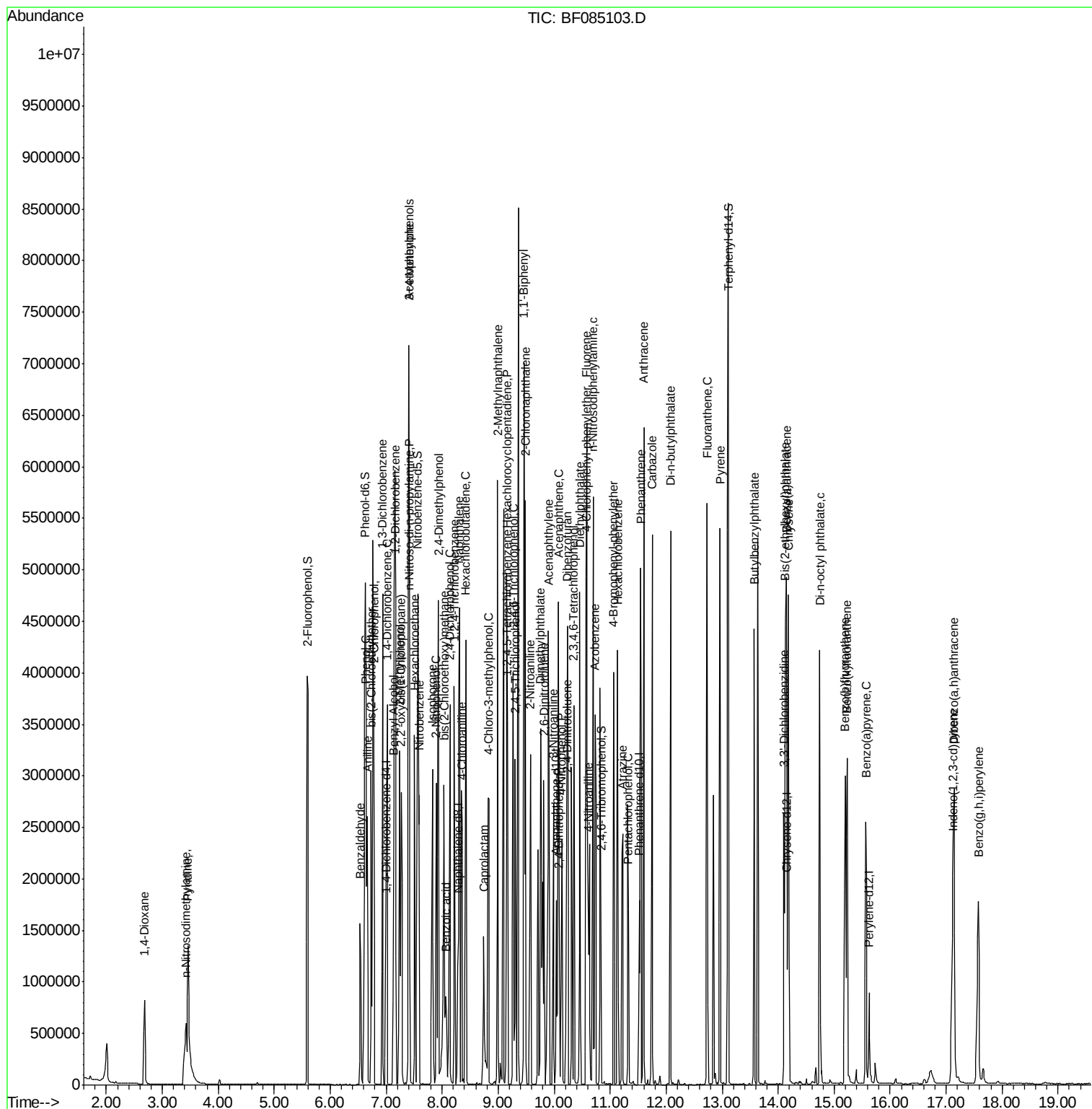
```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030116\  
Data File : BF085103.D  
Acq On    : 1 Mar 2016 20:57  
Operator  : SJ/IZ  
Sample    : SSTDICC080  
Misc      :  
ALS Vial  : 8 Sample Multiplier: 1
```

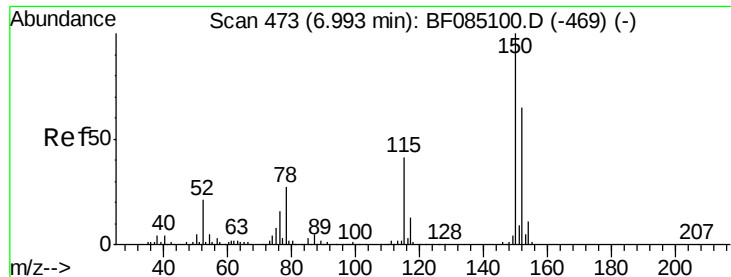
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

UMANGI
3/2/2016 1:04:17 PM

Quant Time: Mar 02 13:20:53 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 00:39:55 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF085103.D

Acq: 1 Mar 2016 20:57

Instrument :

BNA_F

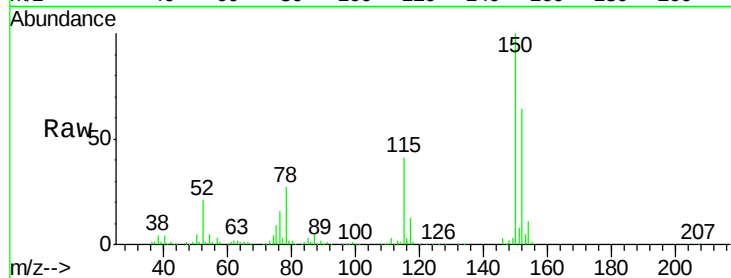
ClientSampleId :

SSTDIC080

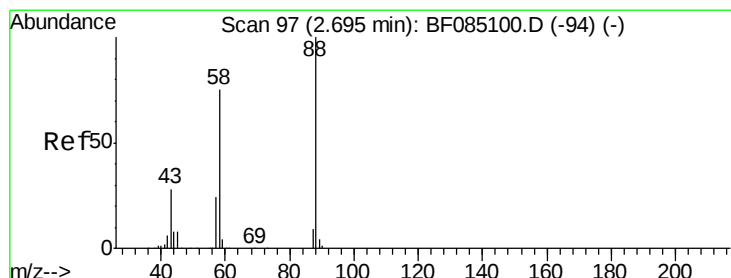
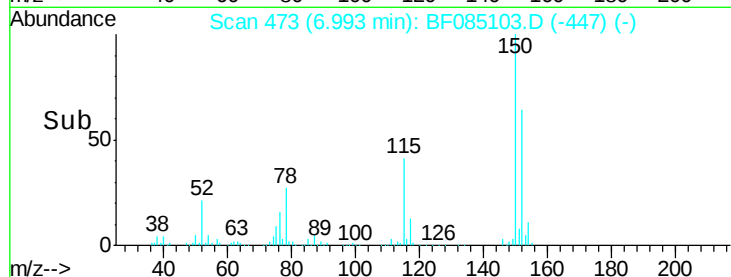
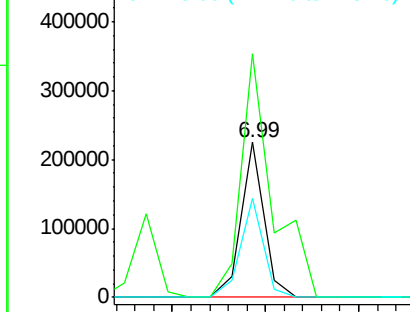
Tgt Ion:	152	Resp:	191249
Ion Ratio	Lower	Upper	
152	100		
150	157.3	123.4	185.0
115	64.3	50.0	75.0

Manual Integrations
APPROVED

UMANGI
3/2/2016 1:04:17 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



#2

1,4-Dioxane

Concen: 83.23 ng

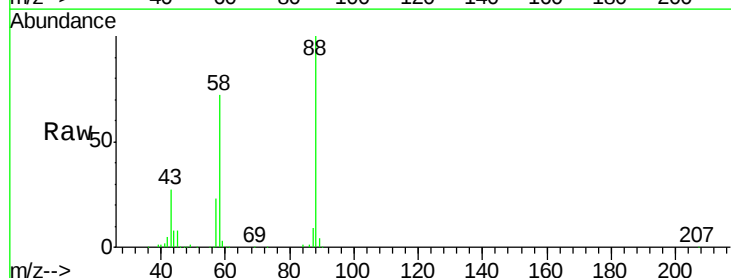
RT: 2.68 min Scan# 96

Delta R.T. -0.01 min

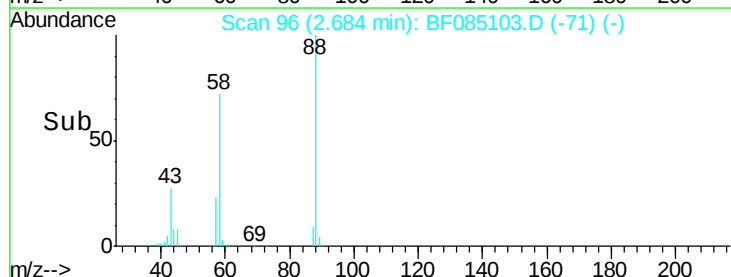
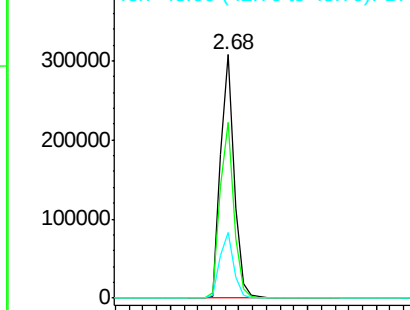
Lab File: BF085103.D

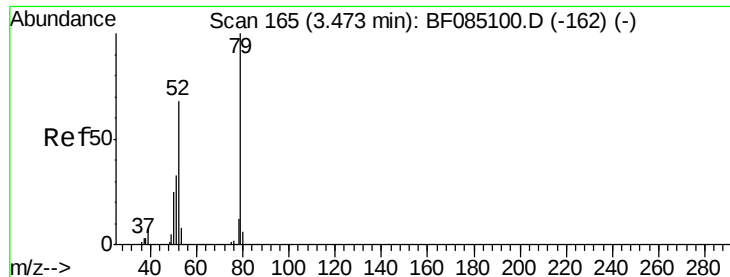
Acq: 1 Mar 2016 20:57

Tgt Ion:	88	Resp:	436050
Ion Ratio	Lower	Upper	
88	100		
58	72.7	58.4	87.6
43	27.6	22.2	33.4



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





#3

Pyridine

Concen: 87.91 ng

RT: 3.46 min Scan# 164

Delta R.T. -0.01 min

Lab File: BF085103.D

Acq: 1 Mar 2016 20:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 1210484

Ion Ratio Lower Upper

79 100

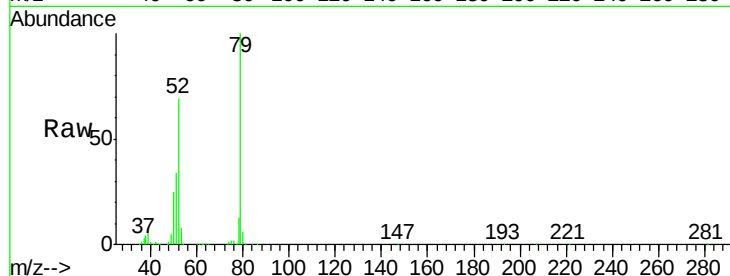
52 68.8 54.1 81.1

51 34.0 26.6 40.0

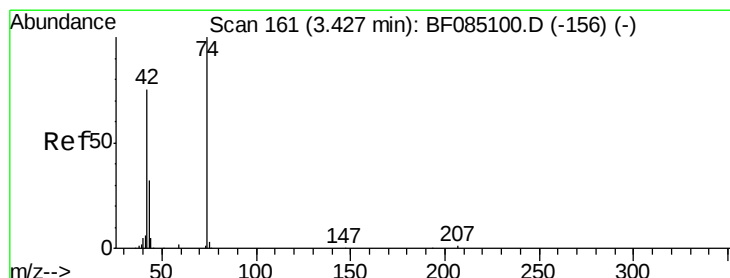
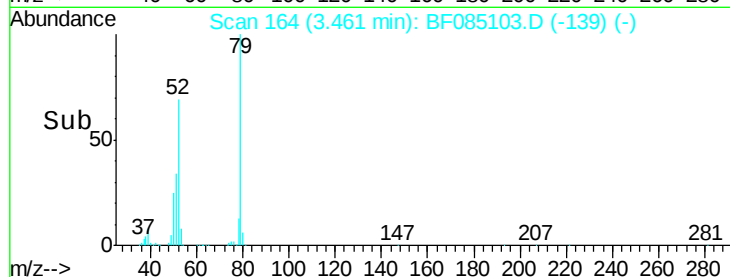
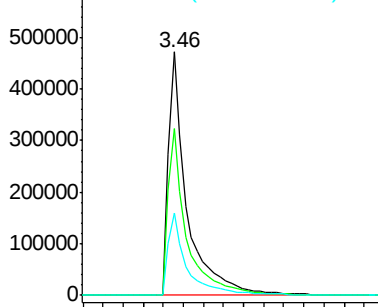
Manual Integrations
APPROVED

UMANGI

3/2/2016 1:04:17 PM



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 79.37 ng

RT: 3.43 min Scan# 161

Delta R.T. 0.00 min

Lab File: BF085103.D

Acq: 1 Mar 2016 20:57

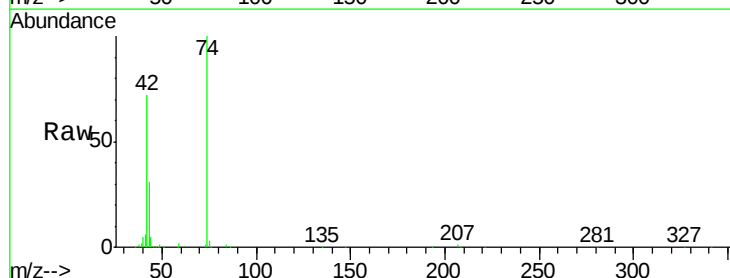
Tgt Ion: 42 Resp: 510466

Ion Ratio Lower Upper

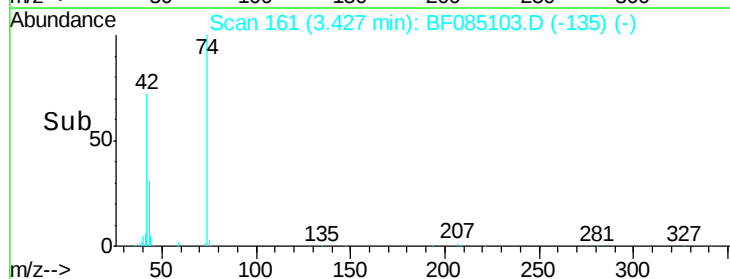
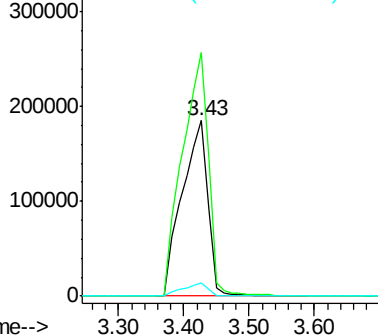
42 100

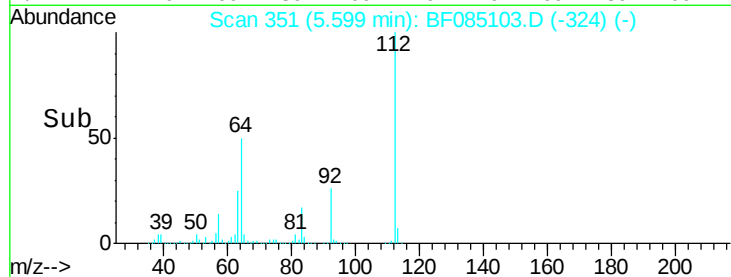
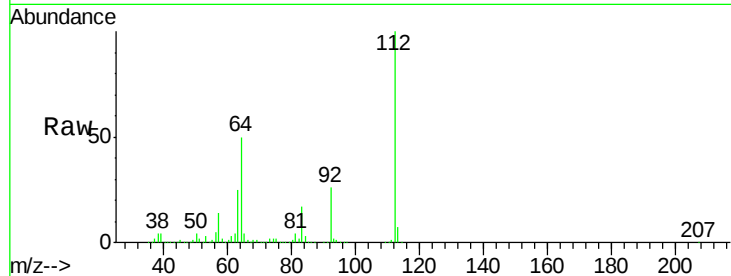
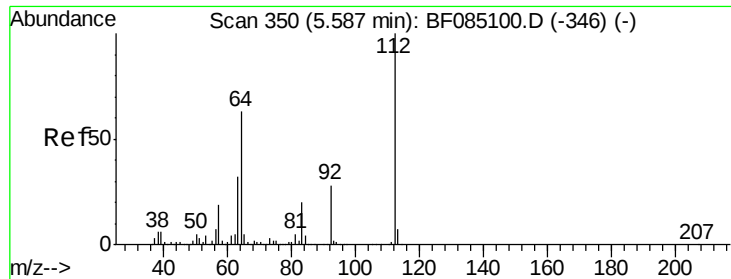
74 138.9 106.6 160.0

44 7.2 5.4 8.2



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 167.59 ng

RT: 5.60 min Scan# 351

Delta R.T. 0.01 min

Lab File: BF085103.D

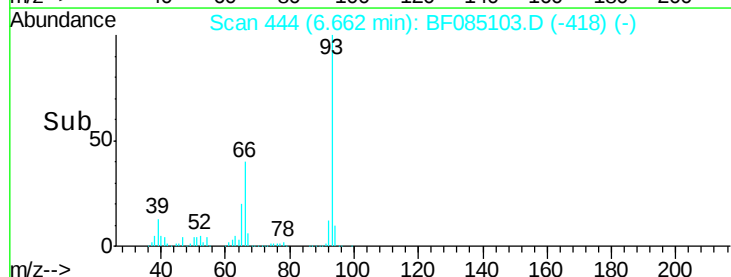
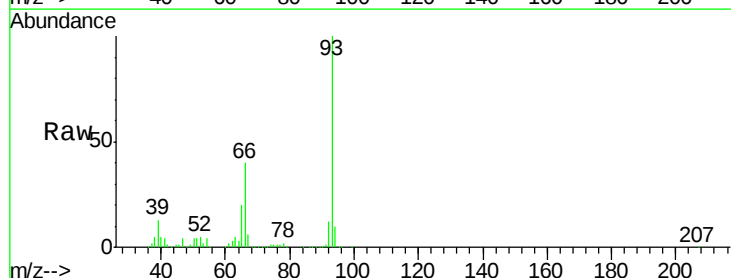
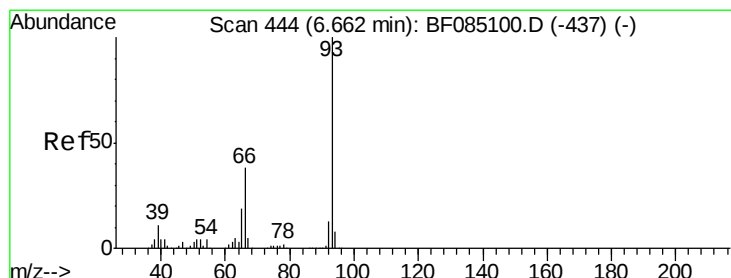
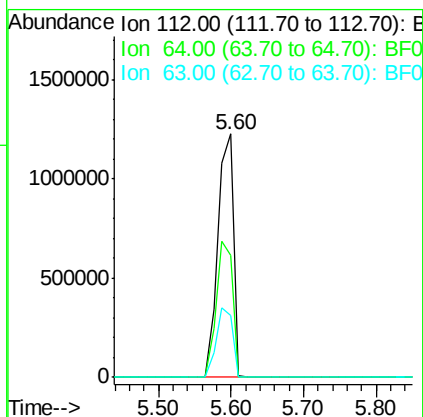
Acq: 1 Mar 2016 20:57

Tgt Ion:	112	Resp:	1829984
Ion	Ratio	Lower	Upper
112	100		
64	50.2	50.6	76.0#
63	25.3	25.5	38.3#

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Manual Integrations
APPROVED

UMANGI
3/2/2016 1:04:17 PM



#6

Aniline

Concen: 81.99 ng

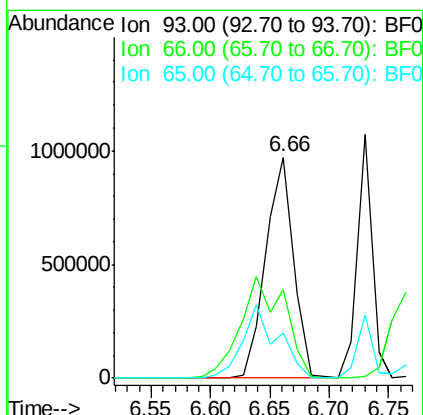
RT: 6.66 min Scan# 444

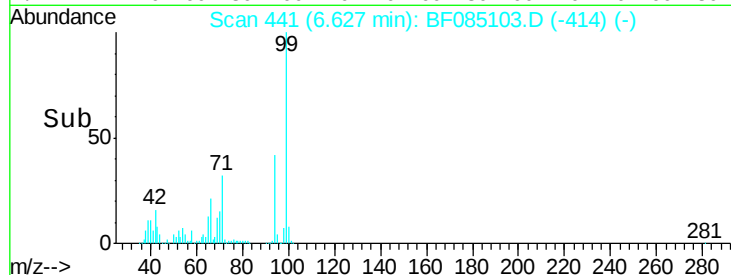
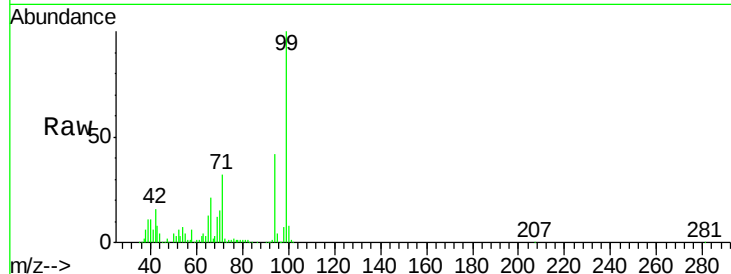
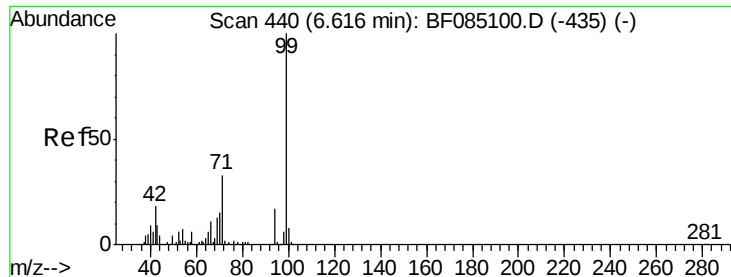
Delta R.T. 0.00 min

Lab File: BF085103.D

Acq: 1 Mar 2016 20:57

Tgt Ion:	93	Resp:	1589962
Ion	Ratio	Lower	Upper
93	100		
66	40.0	30.1	45.1
65	20.4	15.0	22.6





#7

Phenol-d6

Concen: 164.45 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.01 min

Lab File: BF085103.D

Acq: 1 Mar 2016 20:57

Tgt Ion: 99 Resp: 2267095

Ion Ratio Lower Upper

99 100

42 15.9 14.1 21.1

71 31.5 26.8 40.2

Instrument :

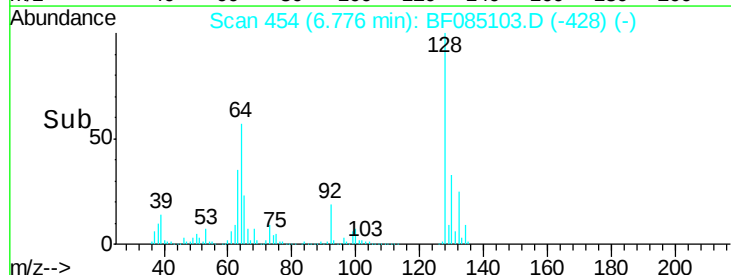
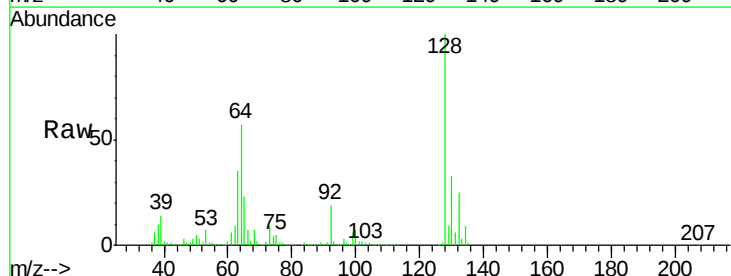
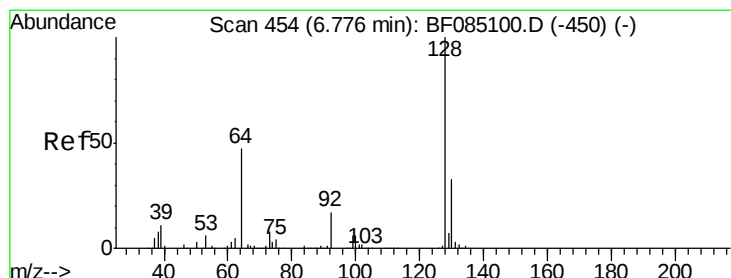
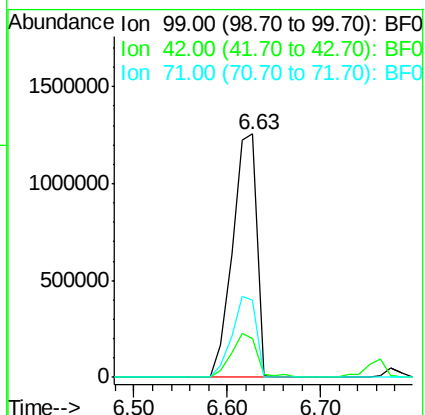
BNA_F

ClientSampleId :

SSTDICC080

Manual Integrations
APPROVED

UMANGI
3/2/2016 1:04:17 PM



#8

2-Chlorophenol

Concen: 74.86 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF085103.D

Acq: 1 Mar 2016 20:57

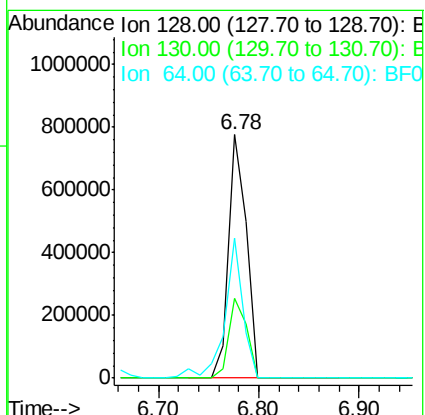
Tgt Ion: 128 Resp: 949194

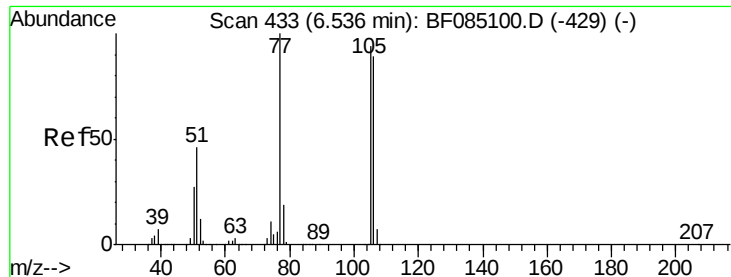
Ion Ratio Lower Upper

128 100

130 32.8 13.1 53.1

64 57.5 29.6 69.6





#9

Benzaldehyde

Concen: 58.60 ng

RT: 6.54 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF085103.D

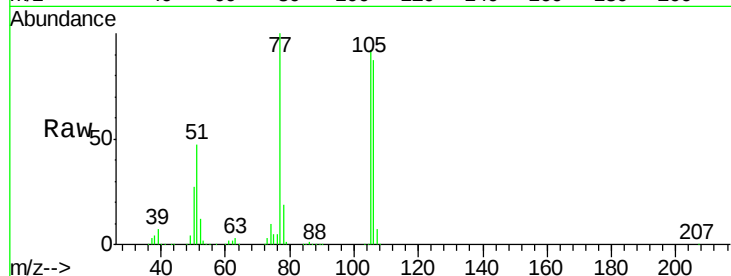
Acq: 1 Mar 2016 20:57

Instrument :

BNA_F

ClientSampleId :

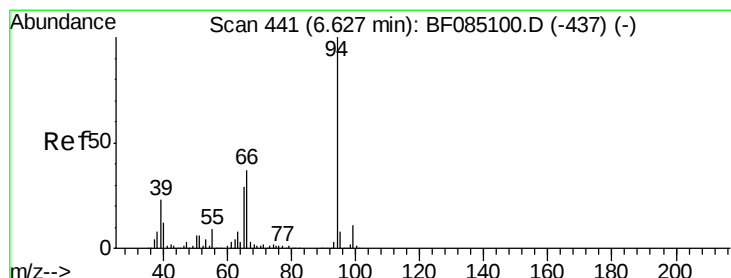
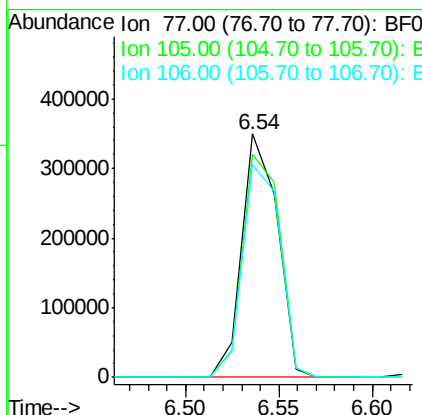
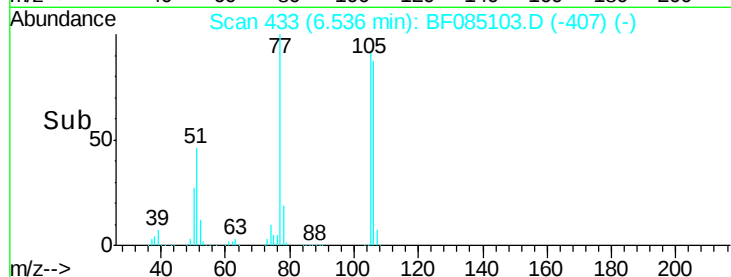
SSTDIC080



Tgt Ion:	77	Resp:	464657
Ion Ratio	Lower	Upper	
77	100		
105	91.6	73.7	113.7
106	87.4	69.2	109.2

Manual Integrations
APPROVED

UMANGI
3/2/2016 1:04:17 PM



#10

Phenol

Concen: 91.03 ng m

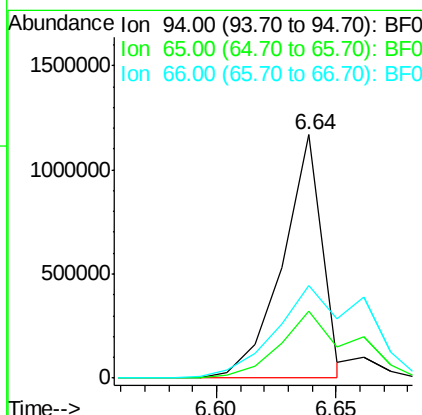
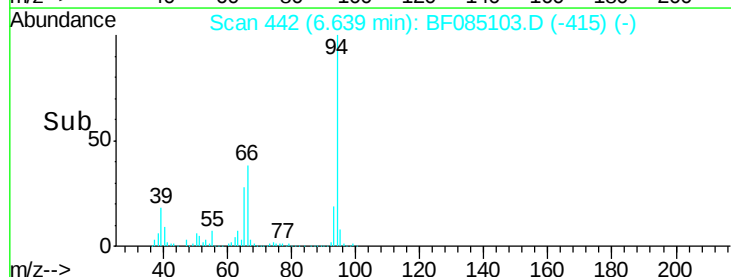
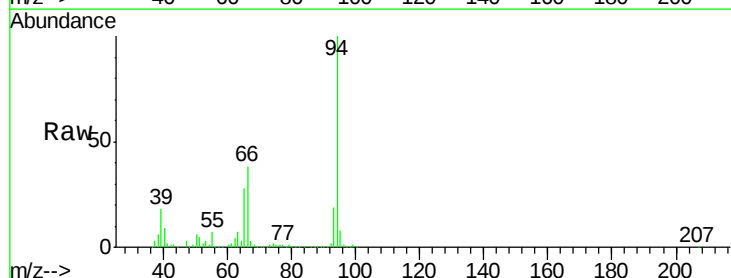
RT: 6.64 min Scan# 442

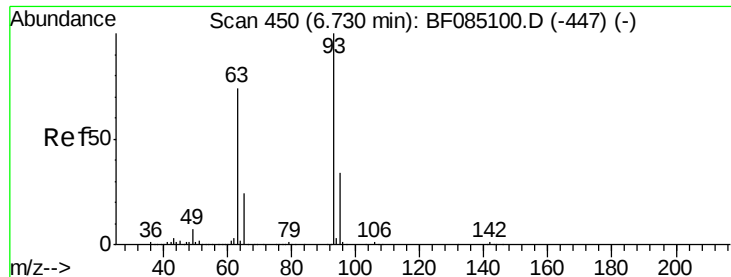
Delta R.T. 0.01 min

Lab File: BF085103.D

Acq: 1 Mar 2016 20:57

Tgt Ion:	94	Resp:	1345666
Ion Ratio	Lower	Upper	
94	100		
65	27.6	9.1	49.1
66	38.2	17.5	57.5





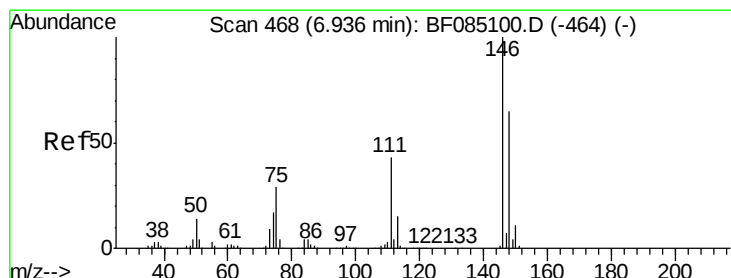
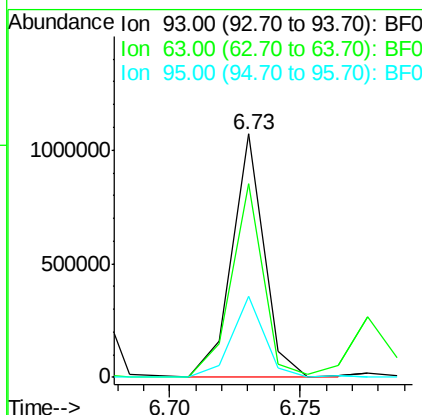
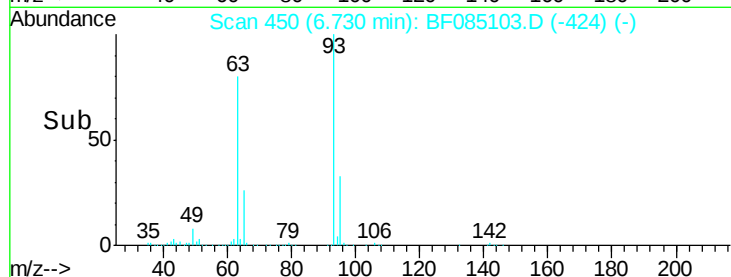
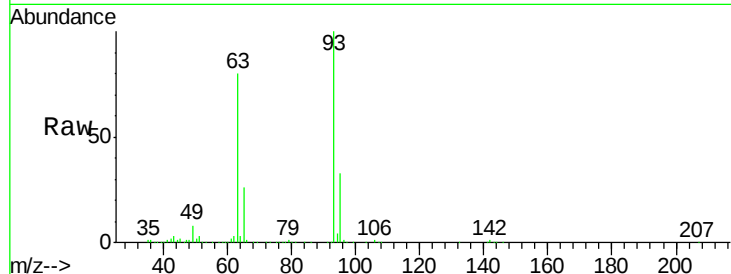
#11
bis(2-Chloroethyl)ether
Concen: 72.49 ng
RT: 6.73 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF085103.D
Acq: 1 Mar 2016 20:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	79.6	53.9	93.9
95	33.0	13.8	53.8

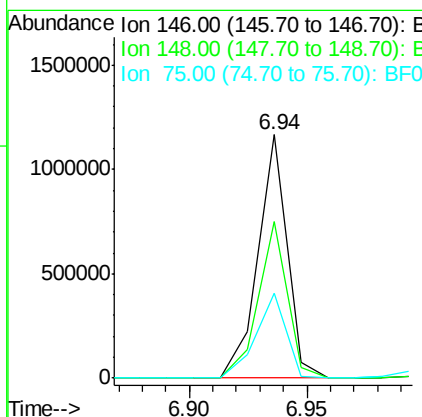
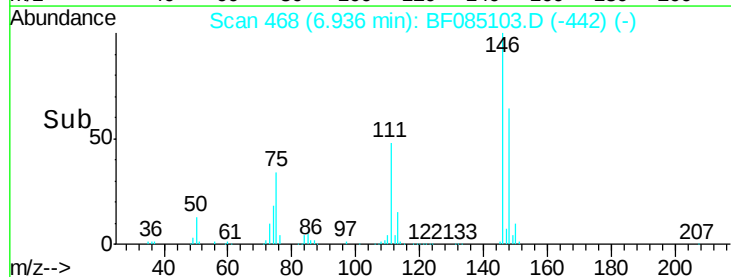
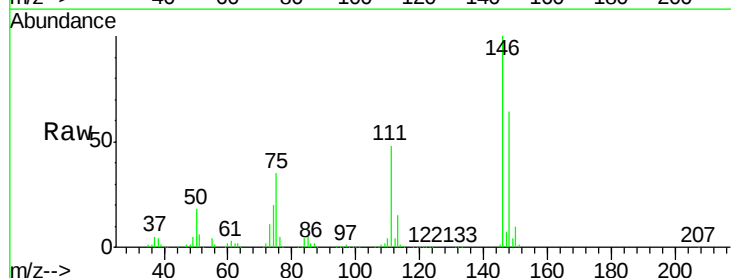
Manual Integrations
APPROVED

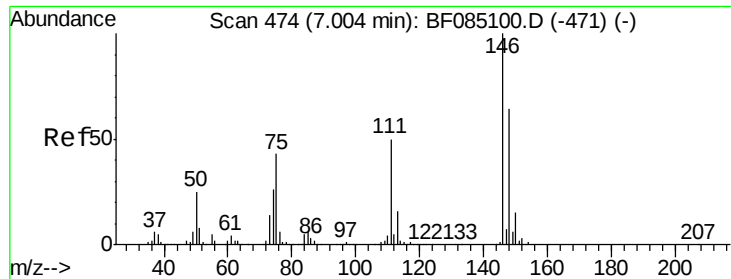
UMANGI
3/2/2016 1:04:17 PM



#12
1,3-Dichlorobenzene
Concen: 73.12 ng m
RT: 6.94 min Scan# 468
Delta R.T. 0.00 min
Lab File: BF085103.D
Acq: 1 Mar 2016 20:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.9	77.9
75	35.1	23.3	34.9





#13

1,4-Dichlorobenzene

Concen: 80.28 ng

RT: 7.02 min Scan# 475

Delta R.T. 0.01 min

Lab File: BF085103.D

Acq: 1 Mar 2016 20:57

Instrument :

BNA_F

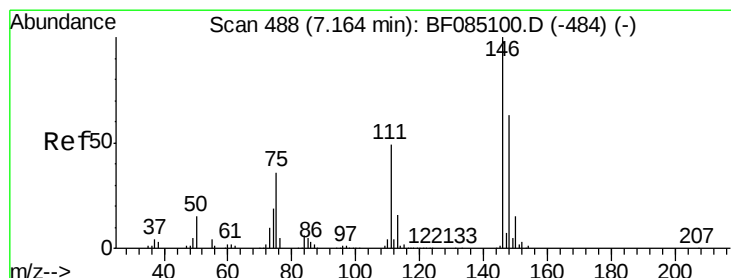
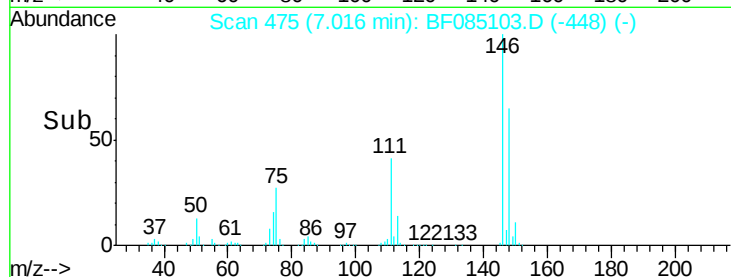
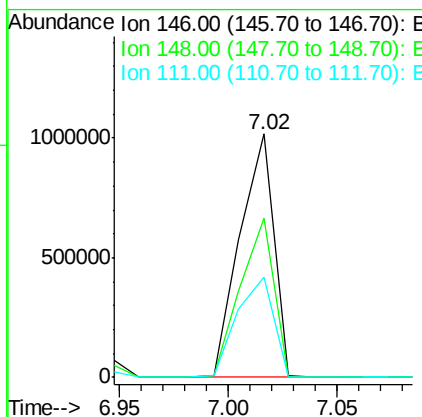
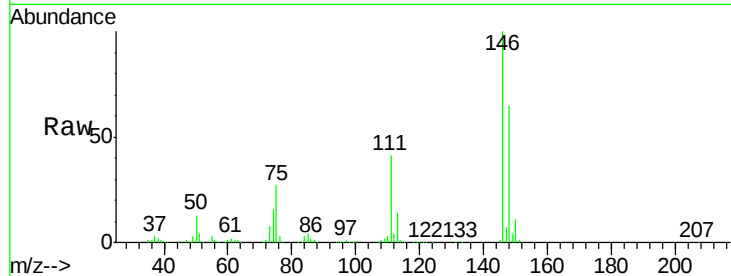
ClientSampleId :

SSTDICC080

Tgt Ion:	146	Resp:	1100849
Ion Ratio	Lower	Upper	
146	100		
148	65.5	51.1	76.7
111	41.0	40.0	60.0

Manual Integrations
APPROVED

UMANGI
3/2/2016 1:04:17 PM



#14

1,2-Dichlorobenzene

Concen: 65.60 ng

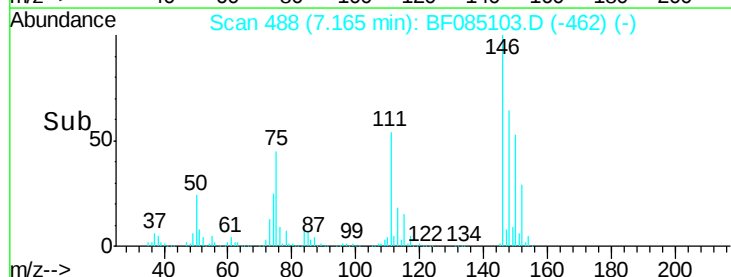
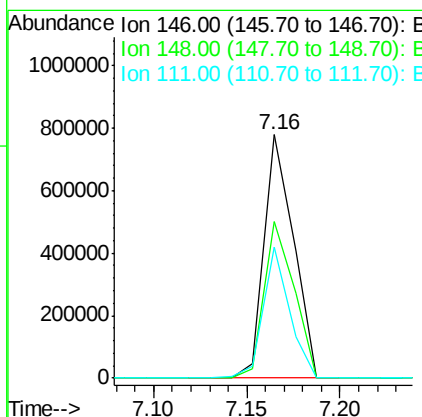
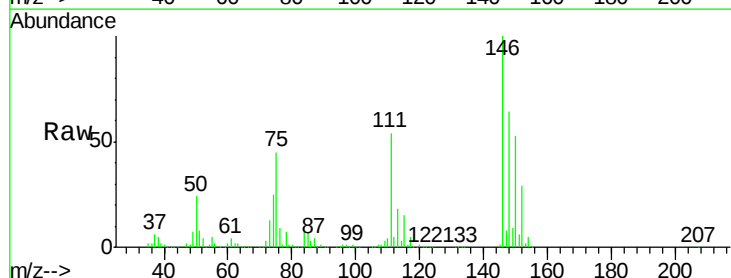
RT: 7.16 min Scan# 488

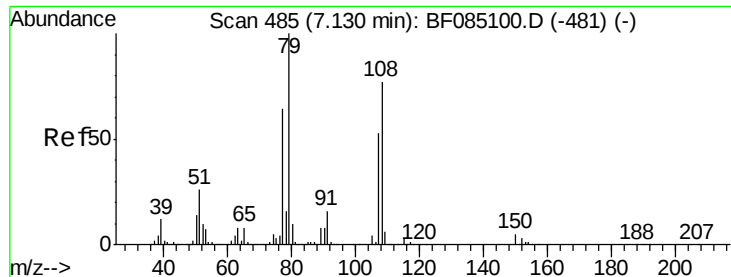
Delta R.T. 0.00 min

Lab File: BF085103.D

Acq: 1 Mar 2016 20:57

Tgt Ion:	146	Resp:	845586
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.5	75.7
111	53.7	38.9	58.3





#15

Benzyl Alcohol

Concen: 85.63 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF085103.D

Acq: 1 Mar 2016 20:57

Instrument :

BNA_F

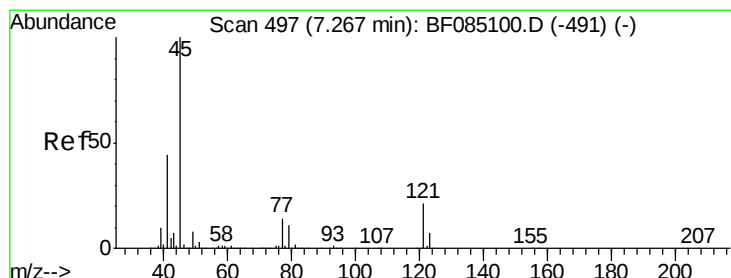
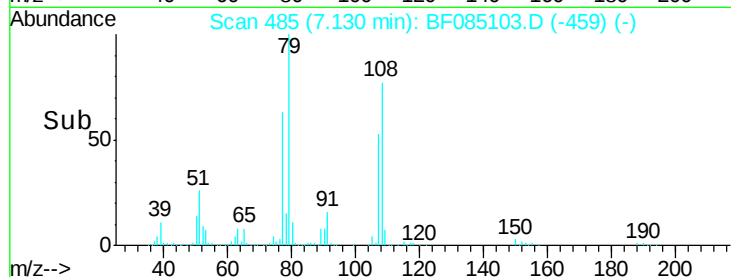
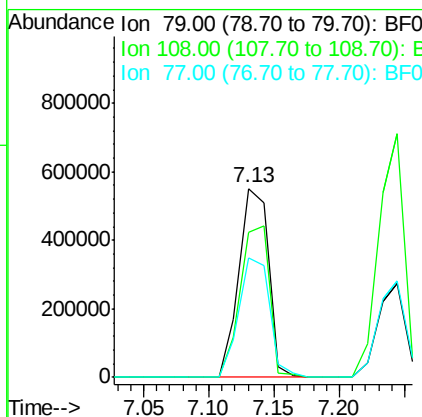
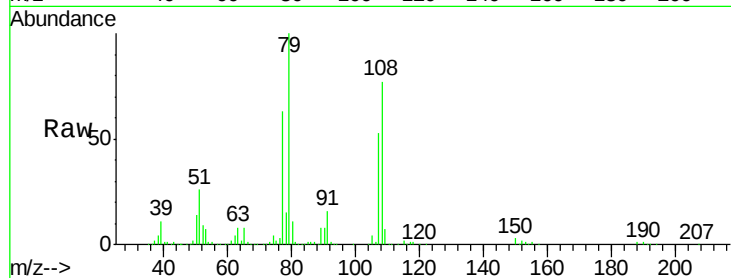
ClientSampleId :

SSTDICC080

Tgt Ion:	79	Resp:	873540
Ion Ratio	Lower	Upper	
79	100		
108	77.0	61.8	92.6
77	63.4	51.2	76.8

Manual Integrations
APPROVED

UMANGI
3/2/2016 1:04:17 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 81.36 ng

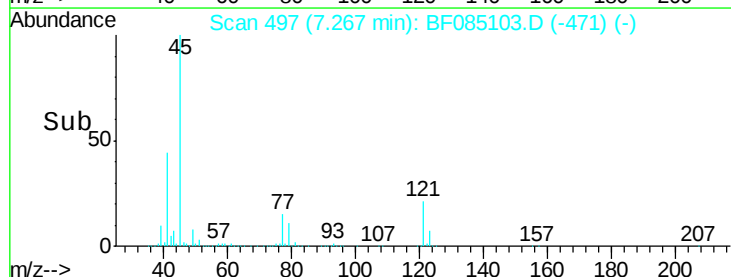
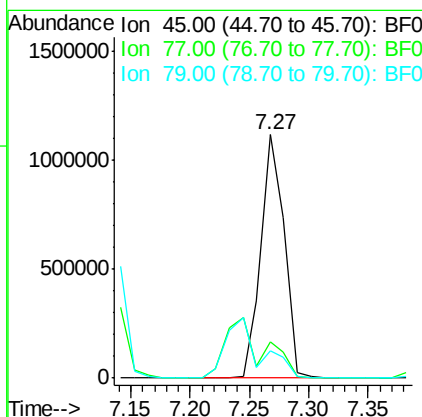
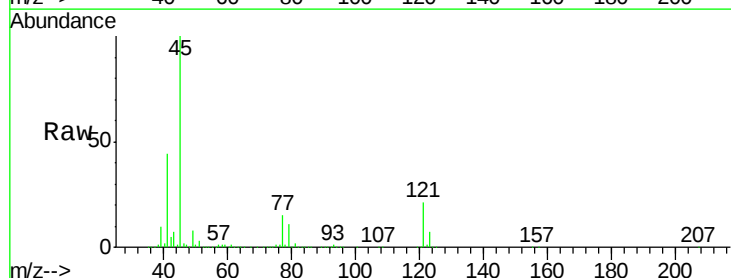
RT: 7.27 min Scan# 497

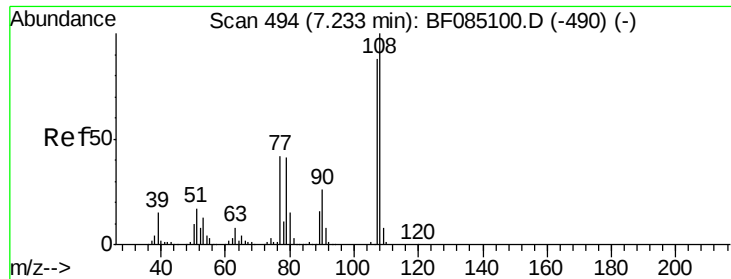
Delta R.T. 0.00 min

Lab File: BF085103.D

Acq: 1 Mar 2016 20:57

Tgt Ion:	45	Resp:	1539454
Ion Ratio	Lower	Upper	
45	100		
77	14.6	0.0	34.4
79	11.0	0.0	31.1





#17

2-Methylphenol

Concen: 80.78 ng

RT: 7.24 min Scan# 495

Delta R.T. 0.01 min

Lab File: BF085103.D

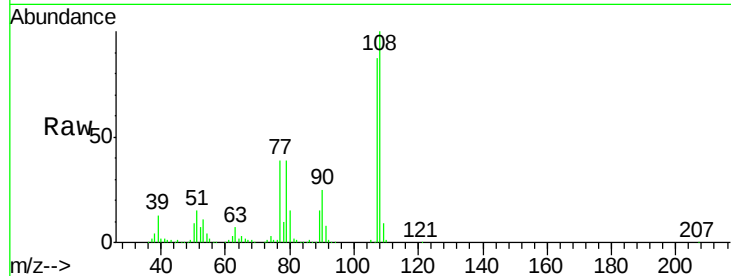
Acq: 1 Mar 2016 20:57

Instrument :

BNA_F

ClientSampleId :

SSTDIC080



Tgt Ion:107 Resp: 831491

Ion Ratio Lower Upper

107 100

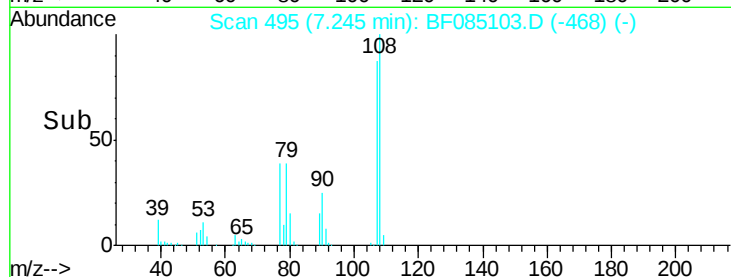
108 115.1 91.4 137.2

77 45.3 38.7 58.1

79 44.6 37.8 56.6

Manual Integrations
APPROVED

UMANGI
3/2/2016 1:04:17 PM

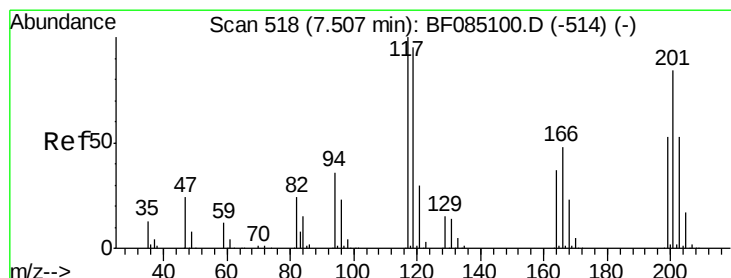
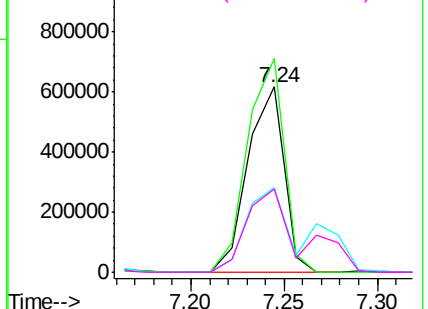


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 77.85 ng

RT: 7.51 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF085103.D

Acq: 1 Mar 2016 20:57

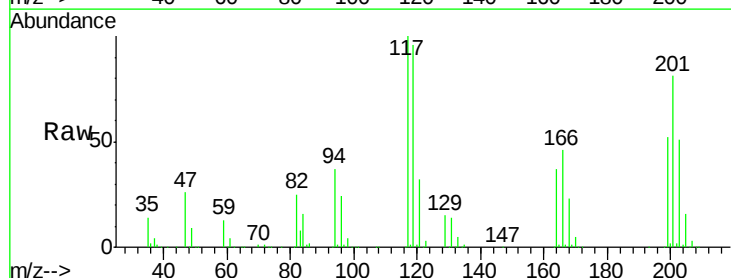
Tgt Ion:117 Resp: 387902

Ion Ratio Lower Upper

117 100

119 96.3 76.2 114.4

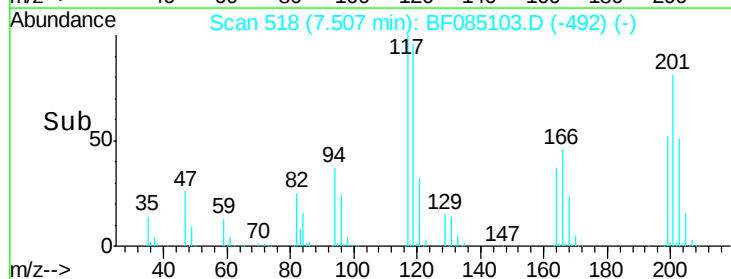
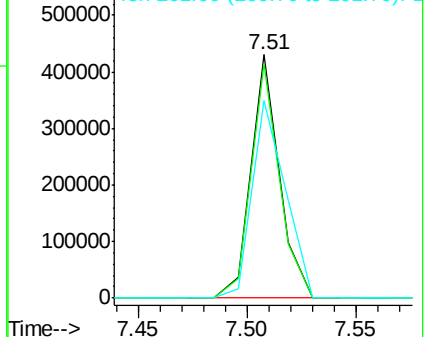
201 81.2 66.8 100.2

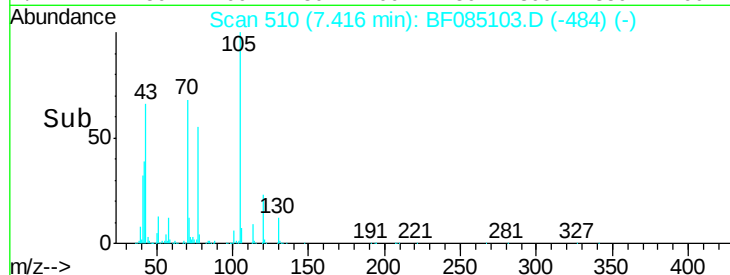
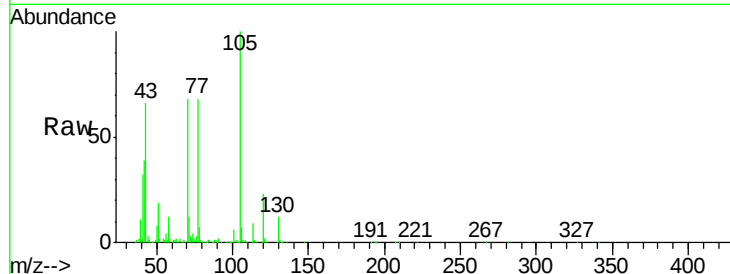
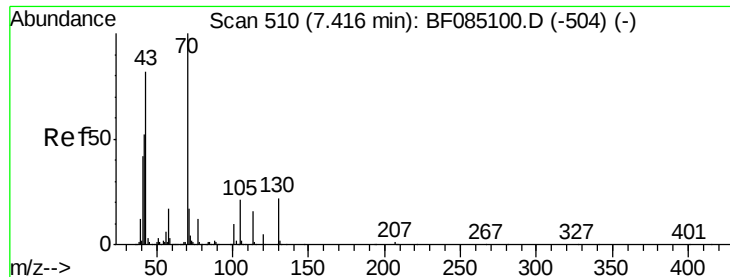


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





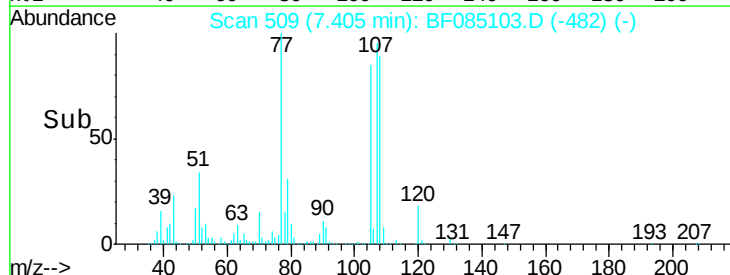
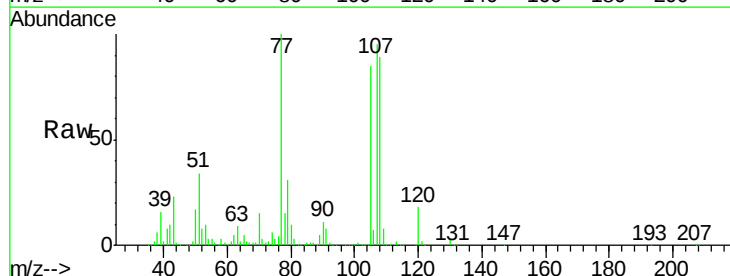
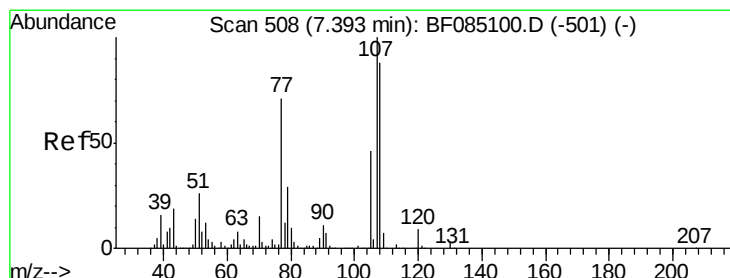
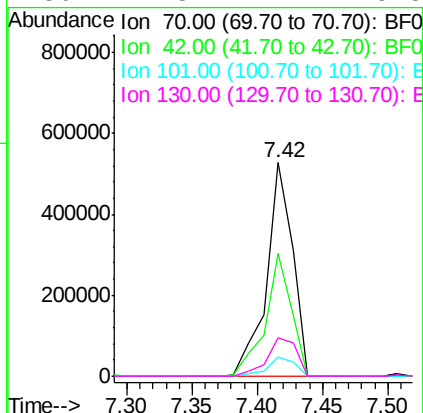
#19
n-Nitroso-di-n-propylamine
Concen: 77.23 ng
RT: 7.42 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF085103.D
Acq: 1 Mar 2016 20:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Manual Integrations
APPROVED

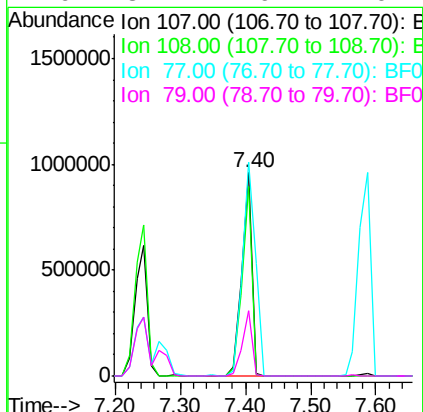
UMANGI
3/2/2016 1:04:17 PM

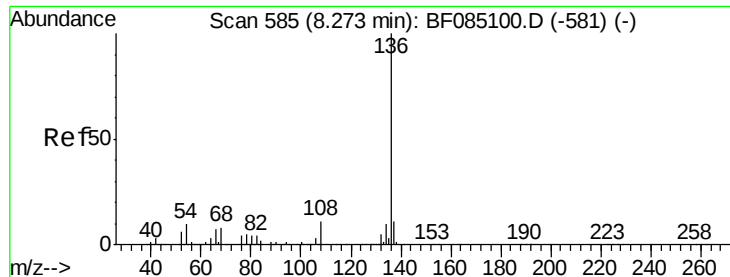
Tgt Ion	Ratio	Lower	Upper
70	100		
42	57.3	41.9	62.9
101	9.0	7.8	11.8
130	17.8	17.2	25.8



#20
3+4-Methylphenols
Concen: 79.42 ng
RT: 7.40 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF085103.D
Acq: 1 Mar 2016 20:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.3	67.8	107.8
77	105.1	50.6	90.6#
79	32.1	9.1	49.1





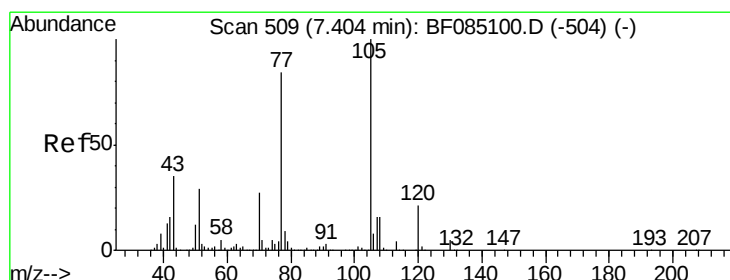
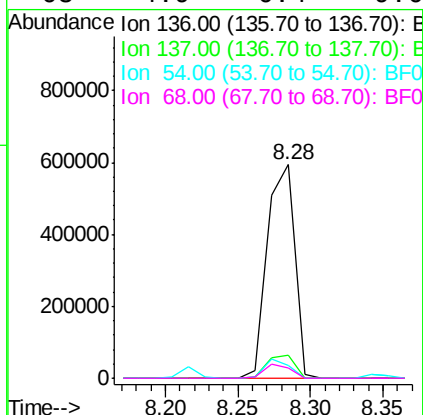
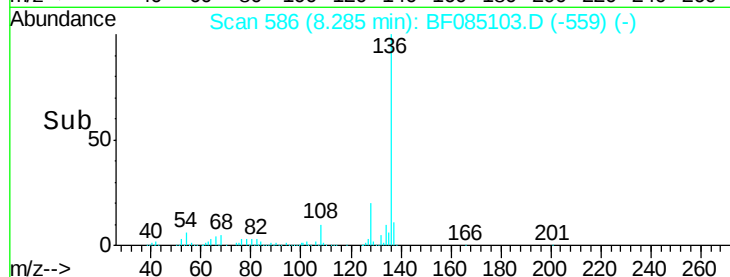
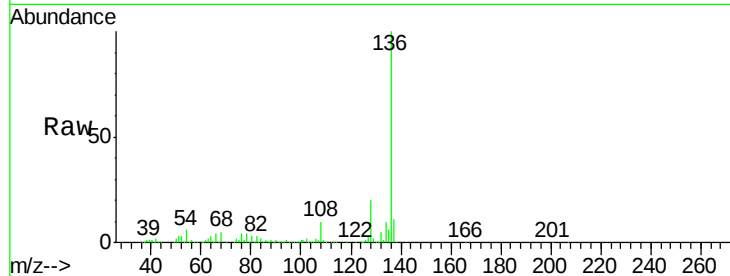
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 586
Delta R.T. 0.01 min
Lab File: BF085103.D
Acq: 1 Mar 2016 20:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	779417		
137	10.6	9.1	13.7	
54	5.8	8.5	12.7	
68	4.9	6.4	9.6	

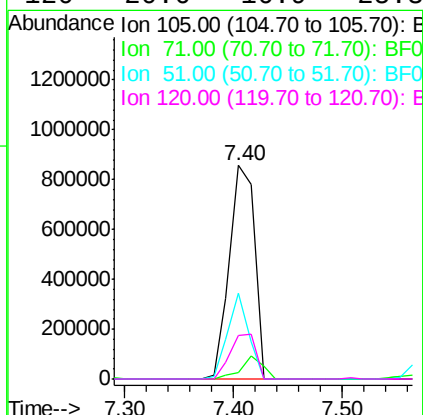
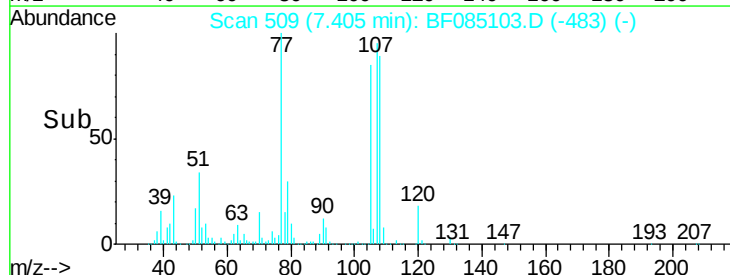
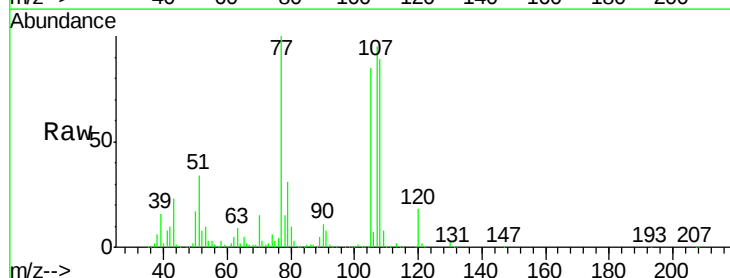
Manual Integrations
APPROVED

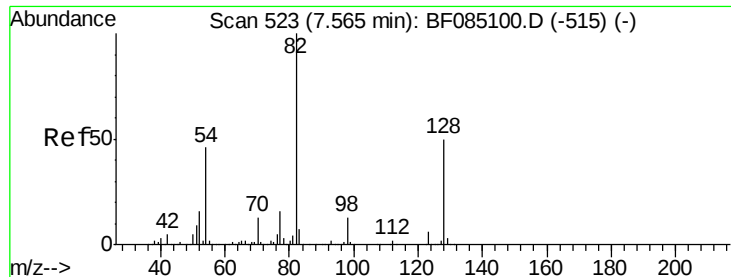
UMANGI
3/2/2016 1:04:17 PM



#22
Acetophenone
Concen: 69.85 ng
RT: 7.40 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF085103.D
Acq: 1 Mar 2016 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1357182		
71	3.1	3.8	5.6	
51	40.0	22.9	34.3	
120	20.6	16.9	25.3	





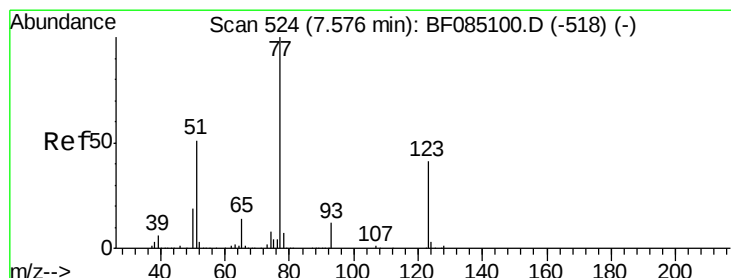
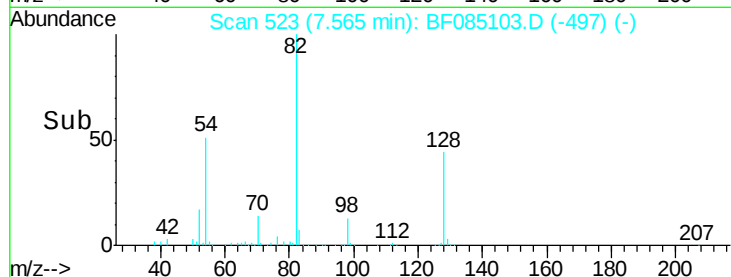
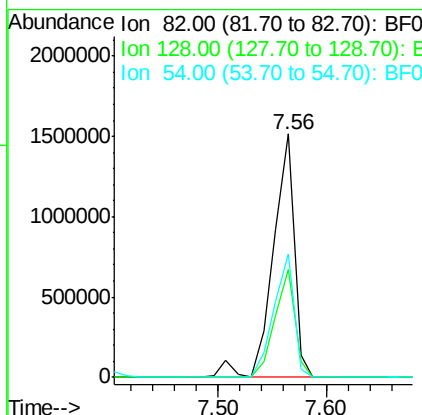
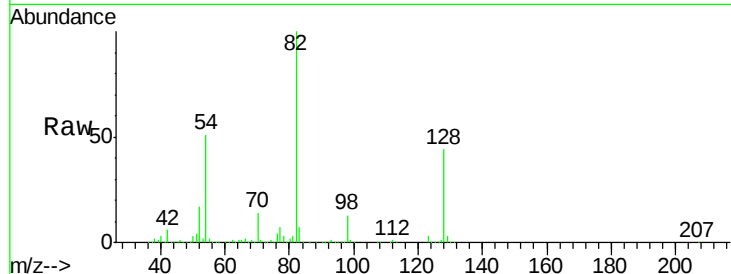
#23
 Nitrobenzene-d5
 Concen: 158.10 ng
 RT: 7.56 min Scan# 523
 Delta R.T. 0.00 min
 Lab File: BF085103.D
 Acq: 1 Mar 2016 20:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion: 82 Resp: 2061364
 Ion Ratio Lower Upper
 82 100
 128 44.1 39.8 59.6
 54 50.6 36.6 54.8

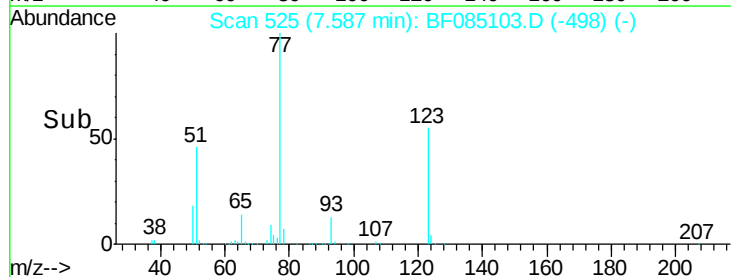
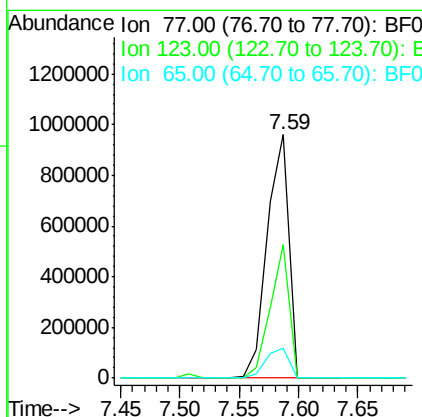
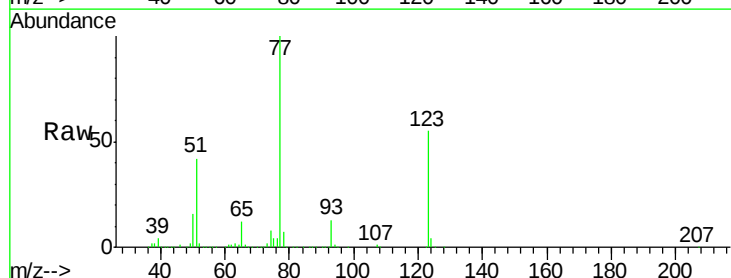
Manual Integrations
 APPROVED

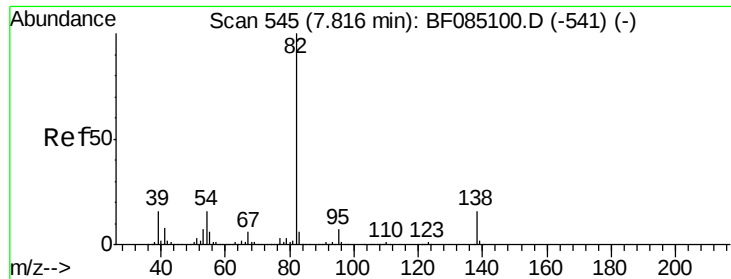
UMANGI
 3/2/2016 1:04:17 PM



#24
 Nitrobenzene
 Concen: 92.65 ng
 RT: 7.59 min Scan# 525
 Delta R.T. 0.01 min
 Lab File: BF085103.D
 Acq: 1 Mar 2016 20:57

Tgt Ion: 77 Resp: 1223228
 Ion Ratio Lower Upper
 77 100
 123 54.8 33.4 50.2#
 65 12.5 10.9 16.3





#25

Isophorone

Concen: 79.83 ng

RT: 7.83 min Scan# 546

Delta R.T. 0.01 min

Lab File: BF085103.D

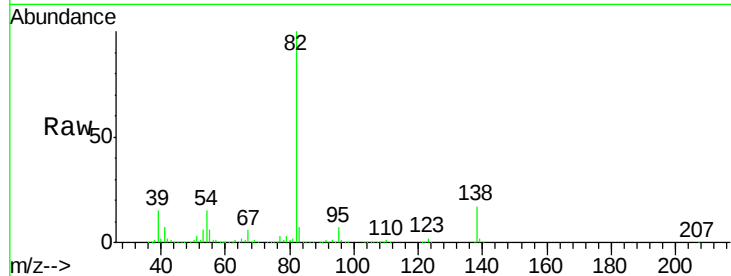
Acq: 1 Mar 2016 20:57

Instrument :

BNA_F

ClientSampleId :

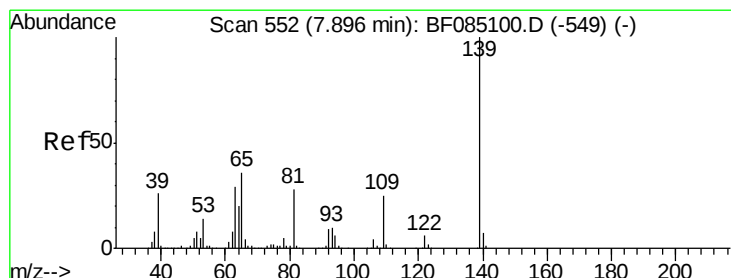
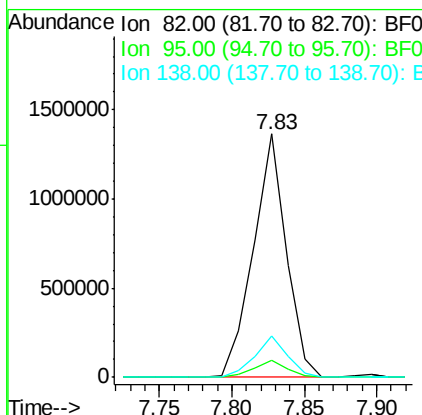
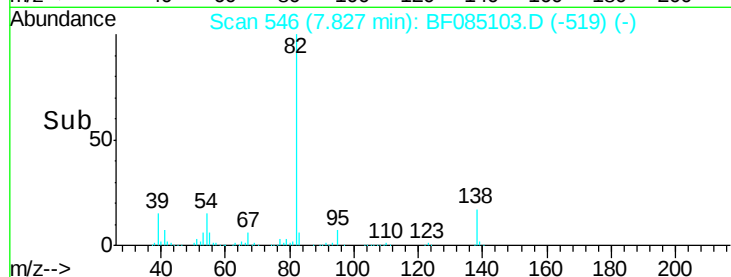
SSTDIC080



Tgt Ion:	82	Resp:	2153931
Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.6	8.4
138	17.2	12.6	18.8

Manual Integrations
APPROVED

UMANGI
3/2/2016 1:04:17 PM



#26

2-Nitrophenol

Concen: 113.52 ng

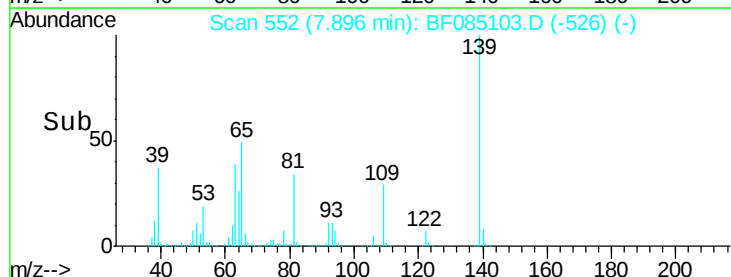
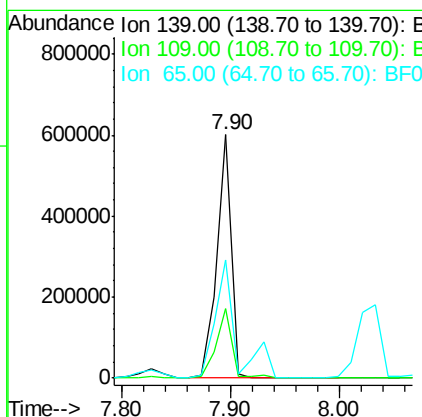
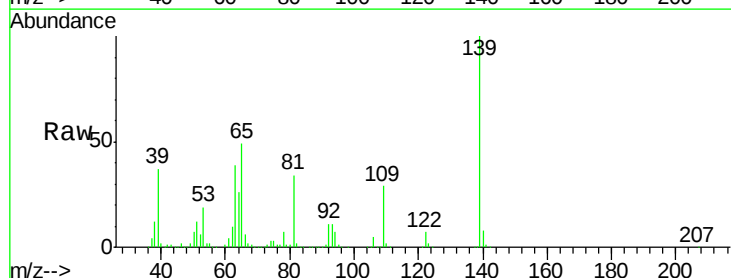
RT: 7.90 min Scan# 552

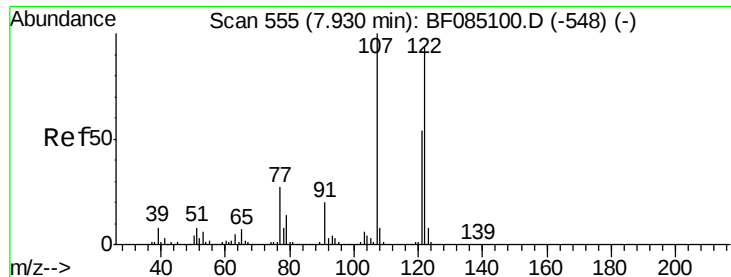
Delta R.T. 0.00 min

Lab File: BF085103.D

Acq: 1 Mar 2016 20:57

Tgt Ion:	139	Resp:	562932
Ion	Ratio	Lower	Upper
139	100		
109	28.6	20.4	30.6
65	48.5	29.2	43.8#





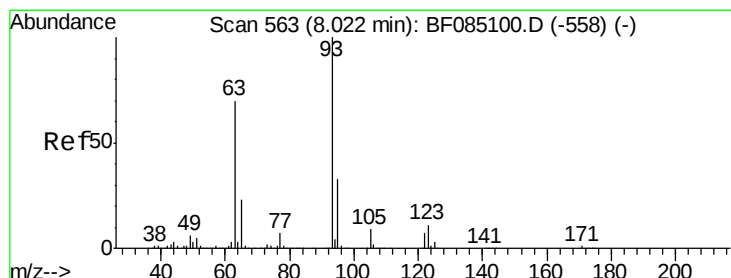
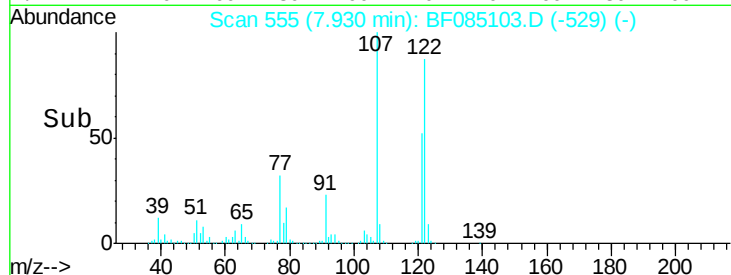
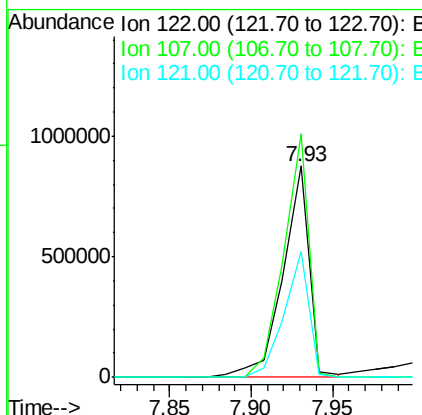
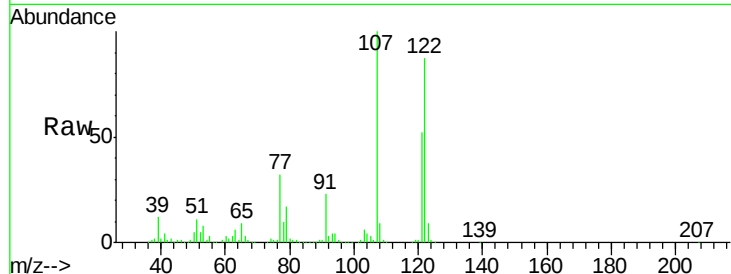
#27
 2,4-Dimethylphenol
 Concen: 77.24 ng
 RT: 7.93 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BF085103.D
 Acq: 1 Mar 2016 20:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	986137		
107	115.3	85.0	127.4	
121	59.8	45.8	68.8	

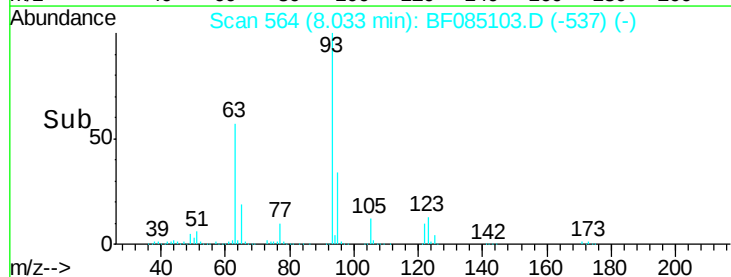
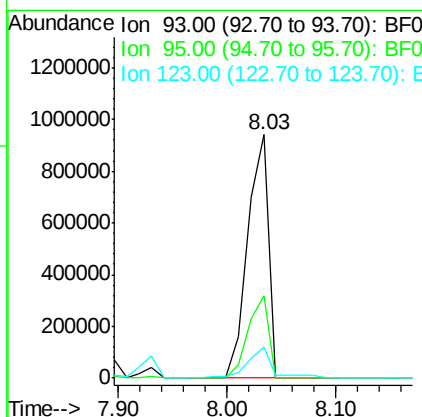
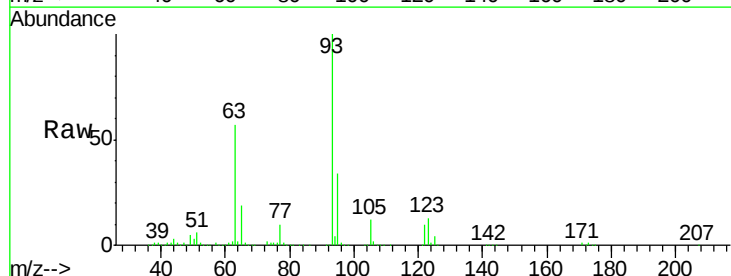
Manual Integrations
 APPROVED

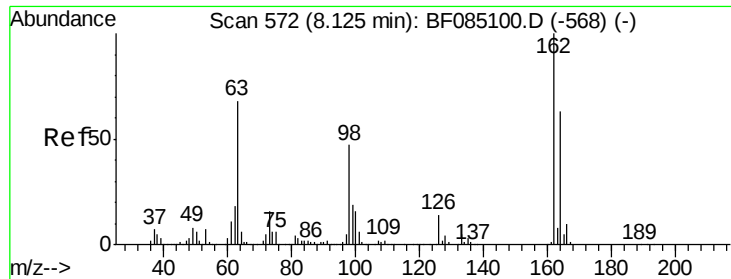
UMANGI
 3/2/2016 1:04:17 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 78.27 ng
 RT: 8.03 min Scan# 564
 Delta R.T. 0.01 min
 Lab File: BF085103.D
 Acq: 1 Mar 2016 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1240168		
95	33.9	26.2	39.4	
123	13.0	8.8	13.2	





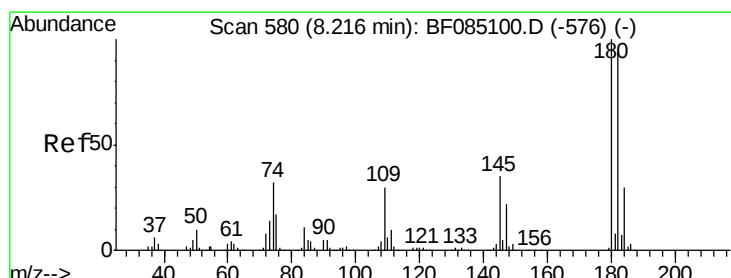
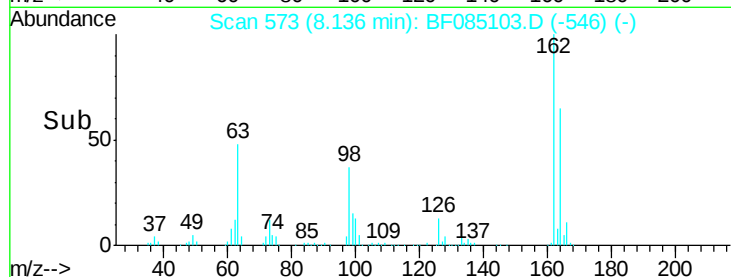
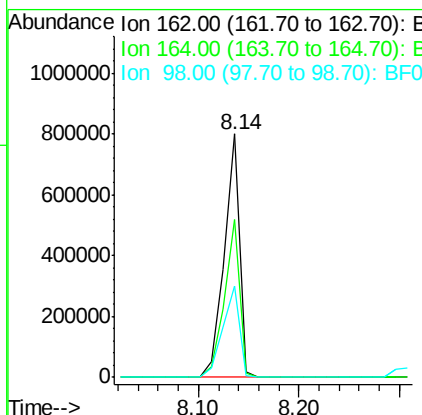
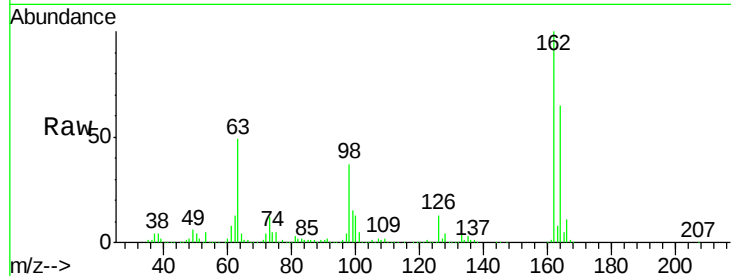
#29
2,4-Dichlorophenol
Concen: 77.43 ng
RT: 8.14 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF085103.D
Acq: 1 Mar 2016 20:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion:	162	Resp:	843051
Ion Ratio	Lower	Upper	
162	100		
164	64.8	42.9	82.9
98	37.4	26.9	66.9

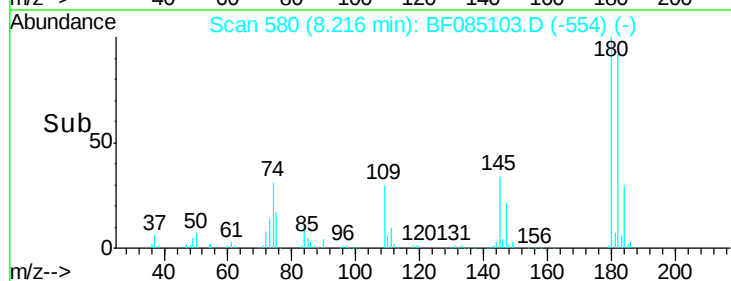
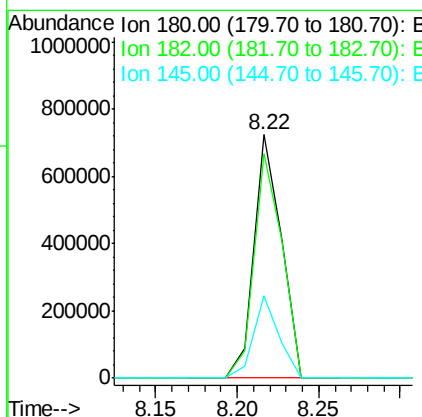
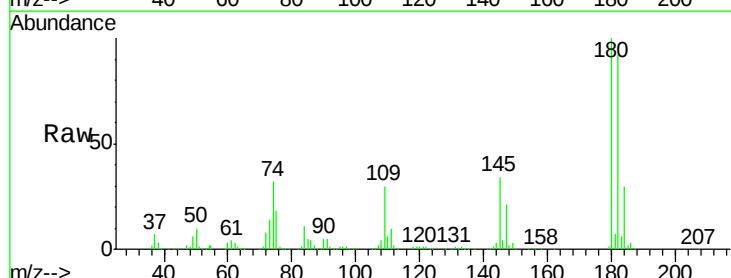
Manual Integrations
APPROVED

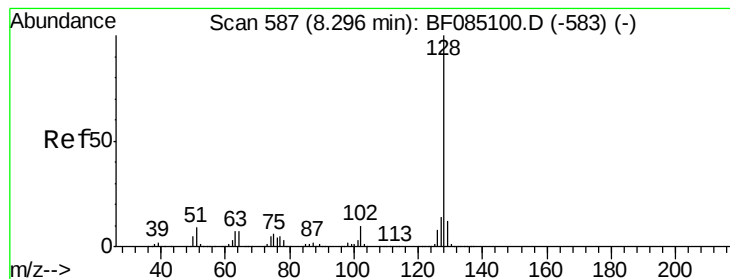
UMANGI
3/2/2016 1:04:17 PM



#30
1,2,4-Trichlorobenzene
Concen: 68.45 ng
RT: 8.22 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF085103.D
Acq: 1 Mar 2016 20:57

Tgt Ion:	180	Resp:	840660
Ion Ratio	Lower	Upper	
180	100		
182	92.0	75.4	113.0
145	34.0	27.8	41.8





#31

Naphthalene

Concen: 74.37 ng

RT: 8.31 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF085103.D

Acq: 1 Mar 2016 20:57

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion:128 Resp: 2776417

Ion Ratio Lower Upper

128 100

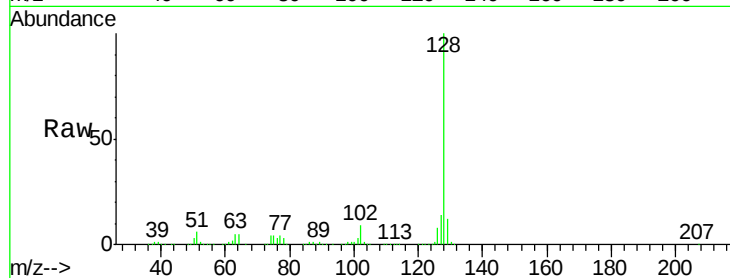
129 11.7 9.7 14.5

127 14.4 11.1 16.7

Manual Integrations
APPROVED

UMANGI

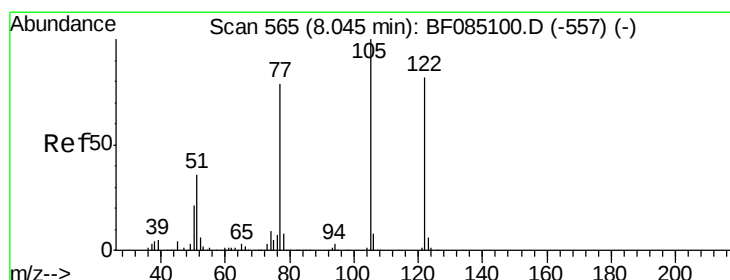
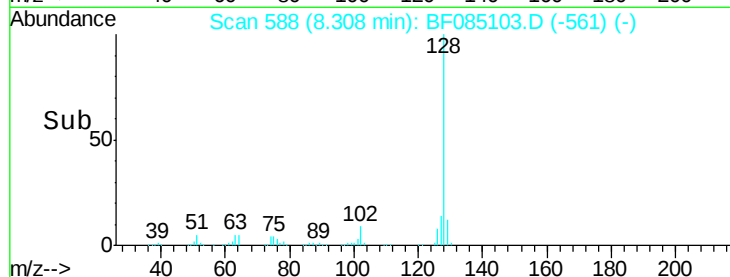
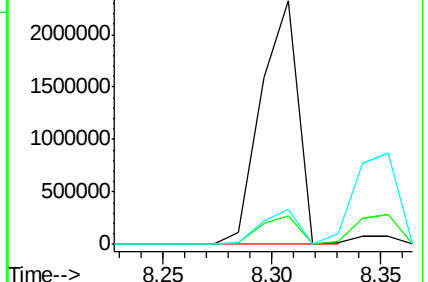
3/2/2016 1:04:17 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 87.93 ng

RT: 8.07 min Scan# 567

Delta R.T. 0.02 min

Lab File: BF085103.D

Acq: 1 Mar 2016 20:57

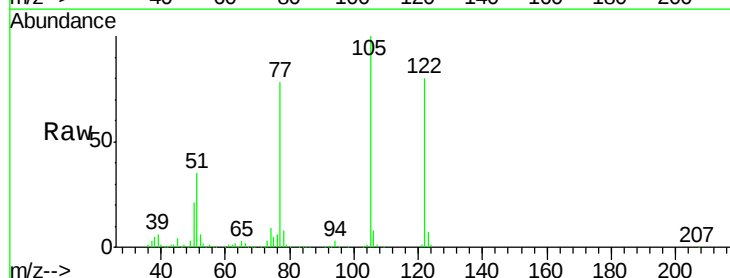
Tgt Ion:122 Resp: 714204

Ion Ratio Lower Upper

122 100

105 124.5 102.0 142.0

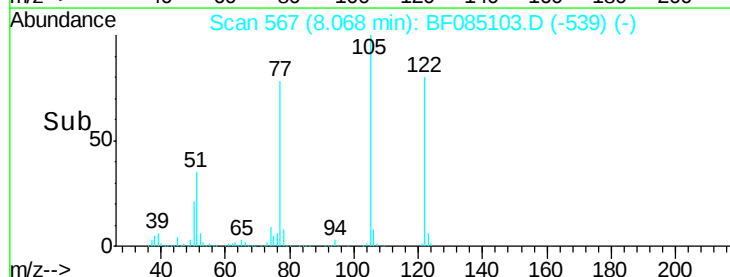
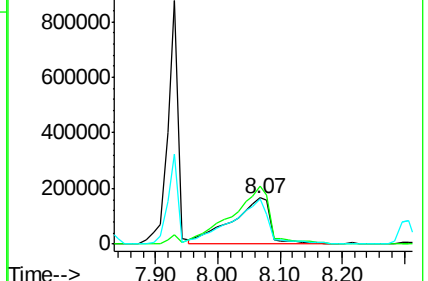
77 97.4 76.8 116.8

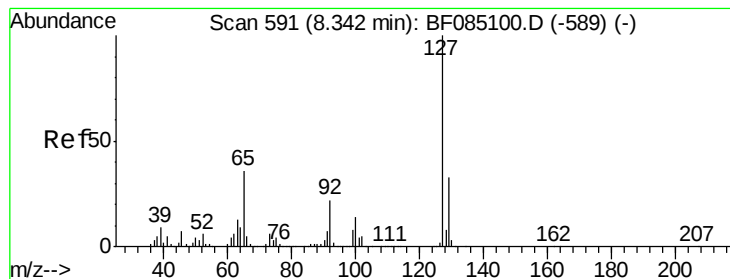


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 74.51 ng

RT: 8.35 min Scan# 592

Delta R.T. 0.01 min

Lab File: BF085103.D

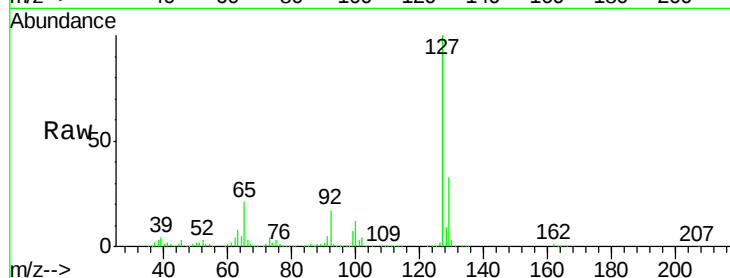
Acq: 1 Mar 2016 20:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:127 Resp: 1198865

Ion Ratio Lower Upper

127 100

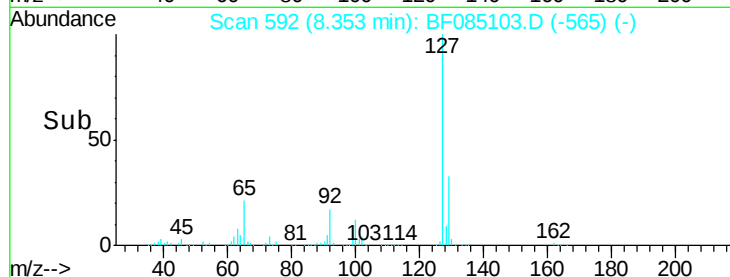
129 33.5 26.3 39.5

65 21.4 28.6 43.0#

92 17.0 17.8 26.8#

Manual Integrations
APPROVED

UMANGI
3/2/2016 1:04:17 PM

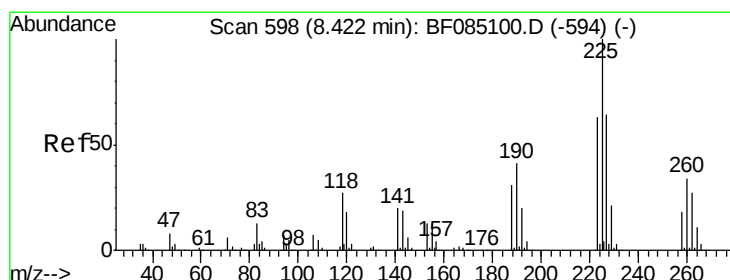
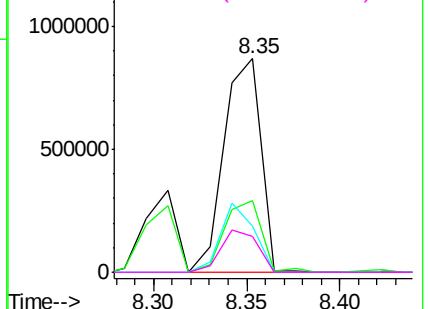


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 71.39 ng

RT: 8.42 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF085103.D

Acq: 1 Mar 2016 20:57

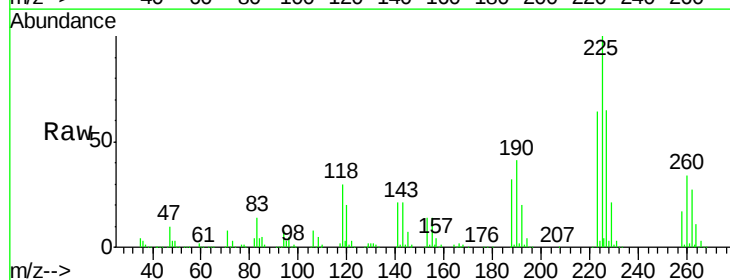
Tgt Ion:225 Resp: 530236

Ion Ratio Lower Upper

225 100

223 63.8 50.4 75.6

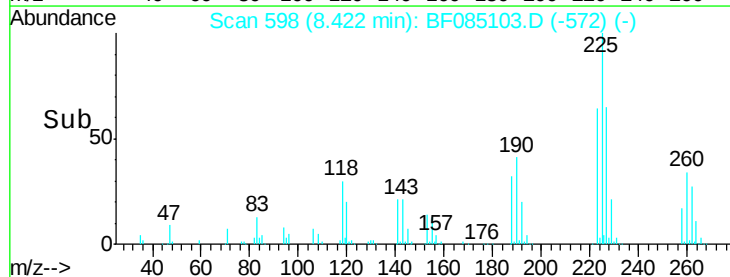
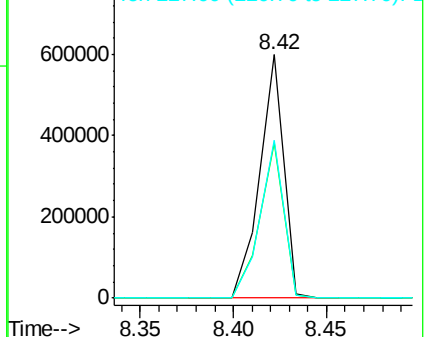
227 65.0 51.6 77.4

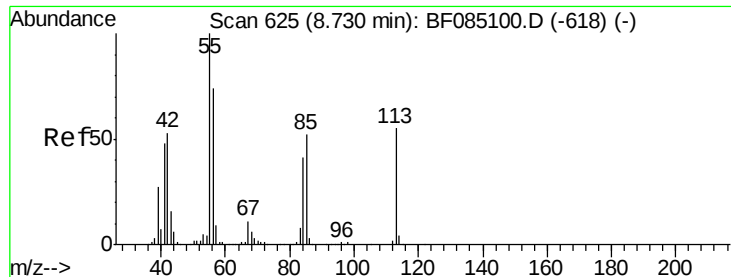


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 81.79 ng

RT: 8.74 min Scan# 626

Delta R.T. 0.01 min

Lab File: BF085103.D

Acq: 1 Mar 2016 20:57

Instrument :

BNA_F

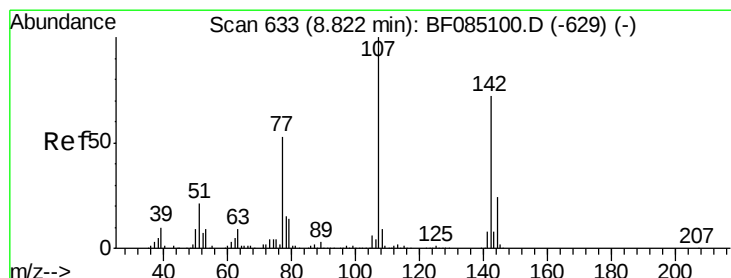
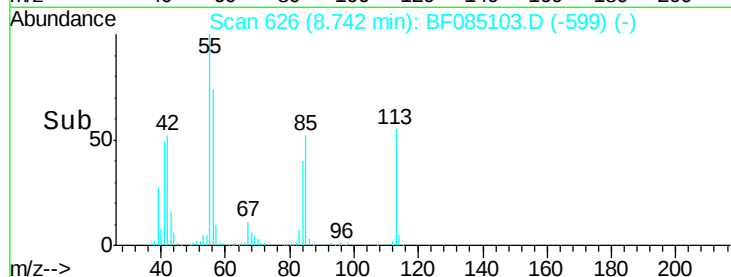
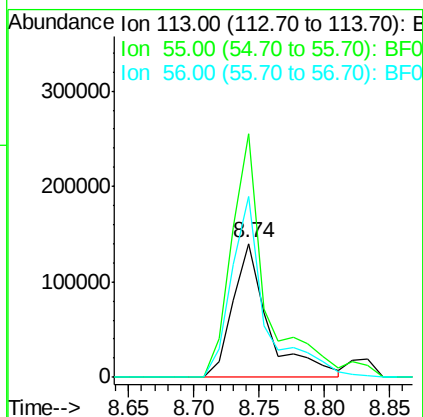
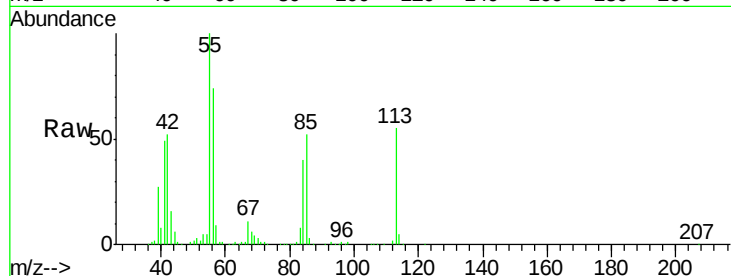
ClientSampleId :

SSTDIC080

Tgt Ion:	113	Resp:	268442
Ion Ratio	Lower	Upper	
113	100		
55	182.1	162.9	202.9
56	135.1	114.5	154.5

Manual Integrations
APPROVED

UMANGI
3/2/2016 1:04:17 PM



#36

4-Chloro-3-methylphenol

Concen: 82.95 ng

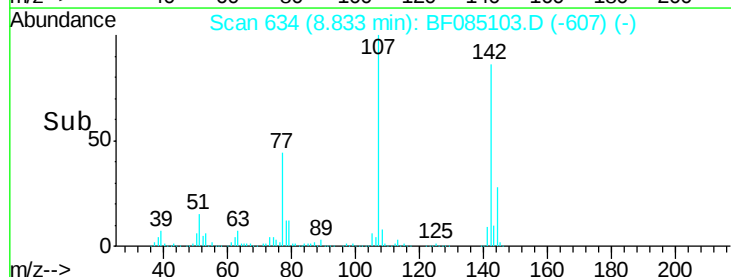
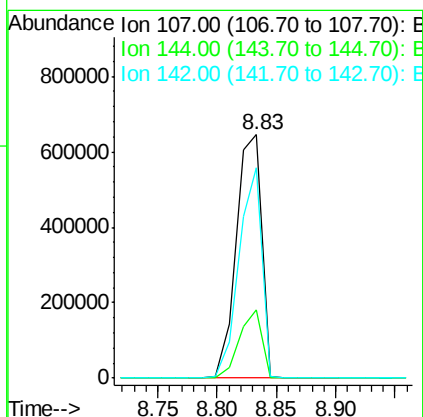
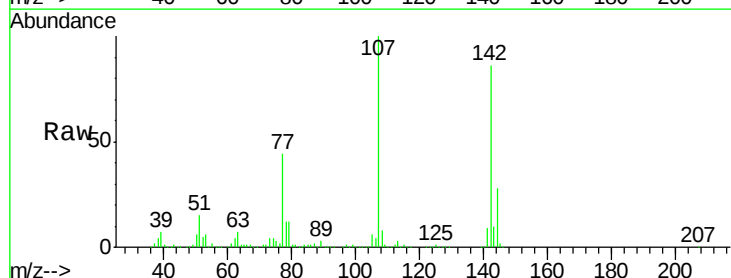
RT: 8.83 min Scan# 634

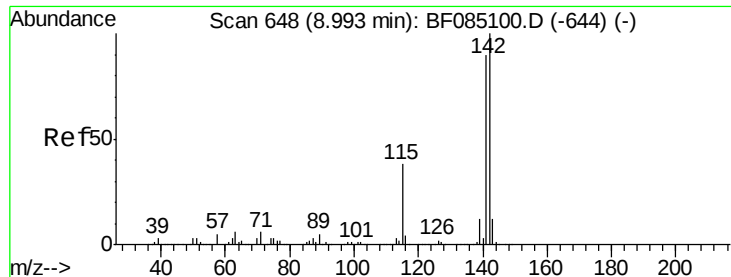
Delta R.T. 0.01 min

Lab File: BF085103.D

Acq: 1 Mar 2016 20:57

Tgt Ion:	107	Resp:	965458
Ion Ratio	Lower	Upper	
107	100		
144	28.2	18.9	28.3
142	86.5	57.9	86.9





#37

2-Methylnaphthalene

Concen: 65.26 ng

RT: 8.99 min Scan# 648

Delta R.T. 0.00 min

Lab File: BF085103.D

Acq: 1 Mar 2016 20:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:142 Resp: 1586902

Ion Ratio Lower Upper

142 100

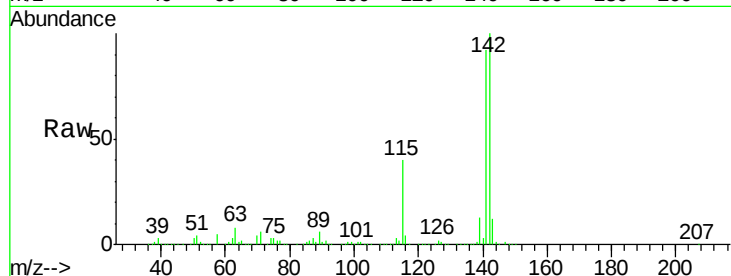
141 91.8 71.7 107.5

115 39.7 30.1 45.1

Manual Integrations
APPROVED

UMANGI

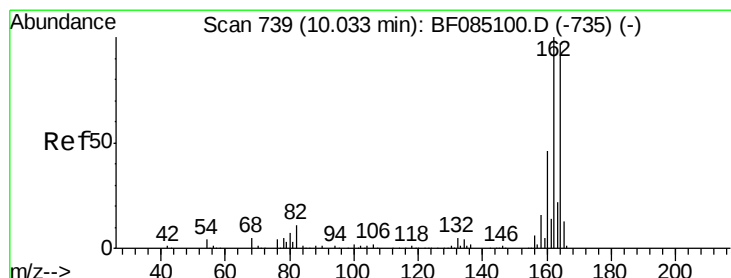
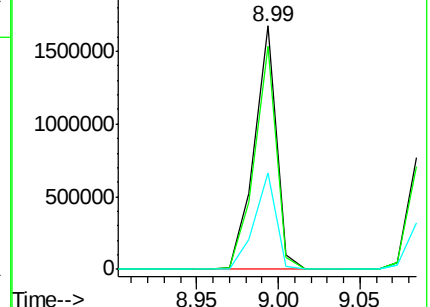
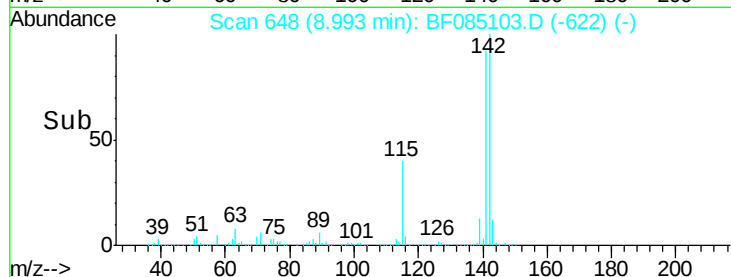
3/2/2016 1:04:17 PM



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.03 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF085103.D

Acq: 1 Mar 2016 20:57

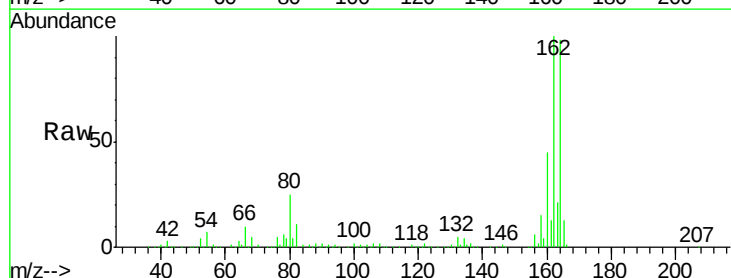
Tgt Ion:164 Resp: 373053

Ion Ratio Lower Upper

164 100

162 102.4 82.6 123.8

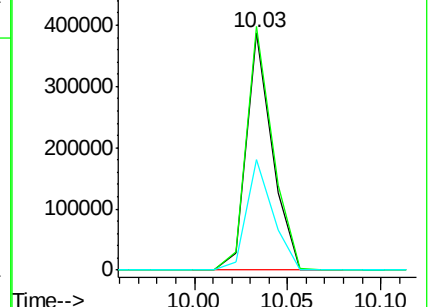
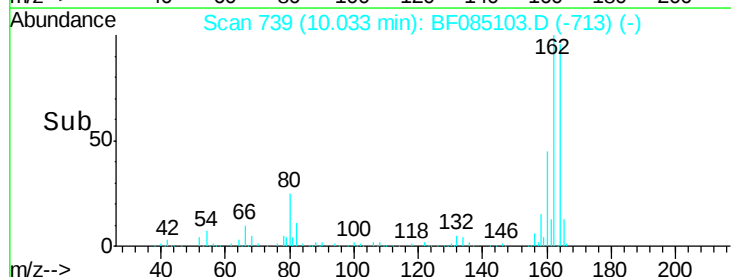
160 46.2 38.2 57.2

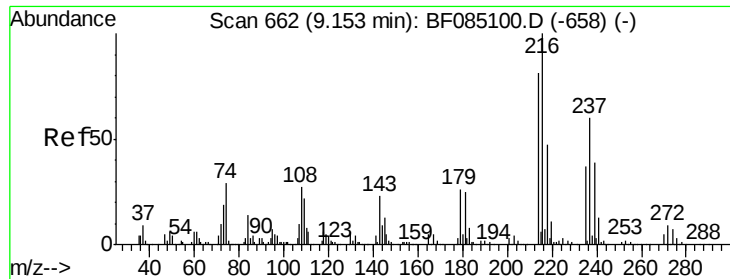


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





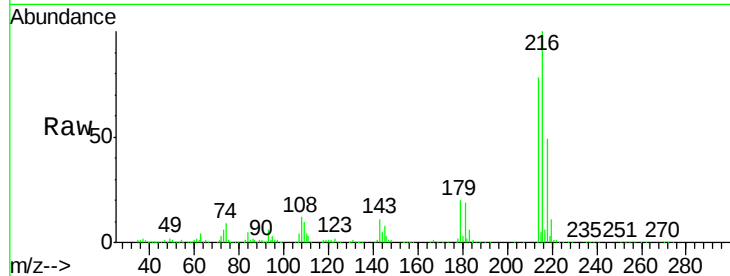
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 69.52 ng
 RT: 9.16 min Scan# 663
 Delta R.T. 0.01 min
 Lab File: BF085103.D
 Acq: 1 Mar 2016 20:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

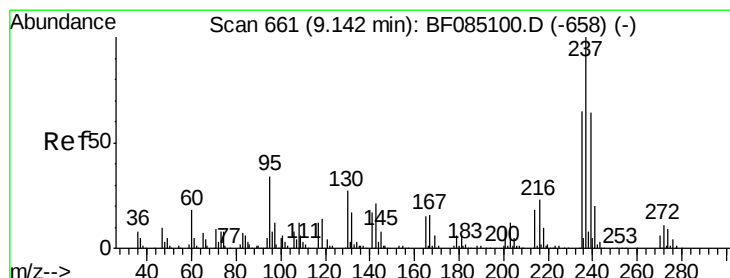
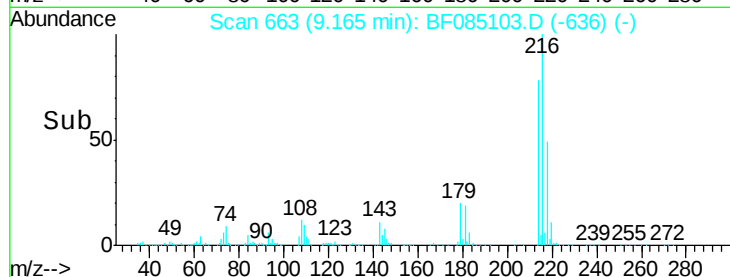
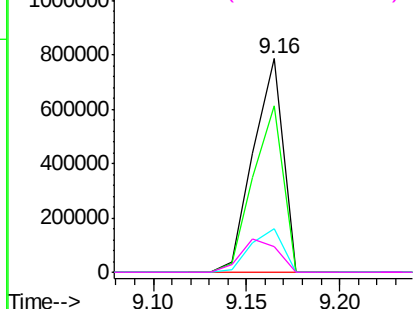
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	866525		
214	78.7	63.7	95.5	
179	22.0	18.1	27.1	
108	19.6	17.1	25.7	

Manual Integrations
 APPROVED

UMANGI
 3/2/2016 1:04:17 PM

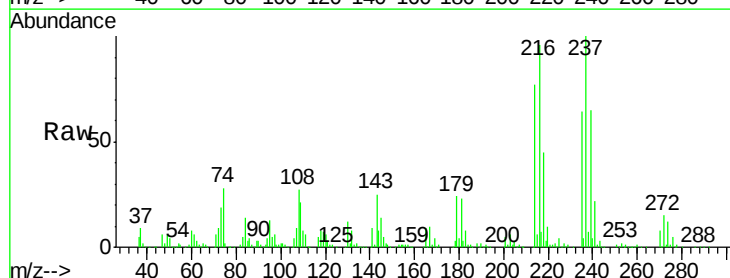


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

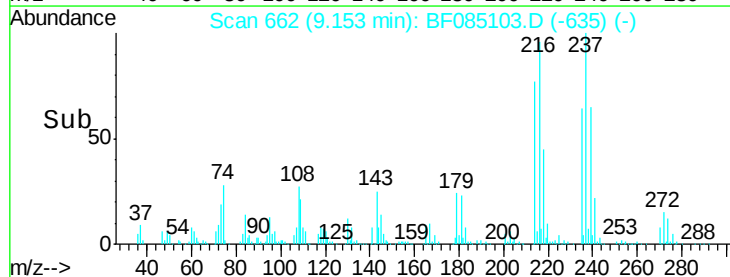
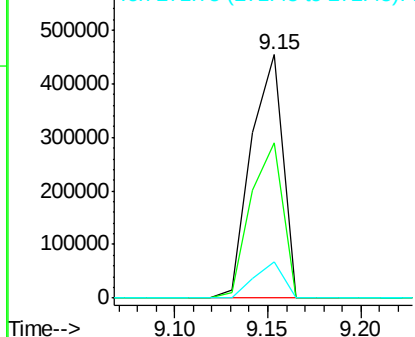


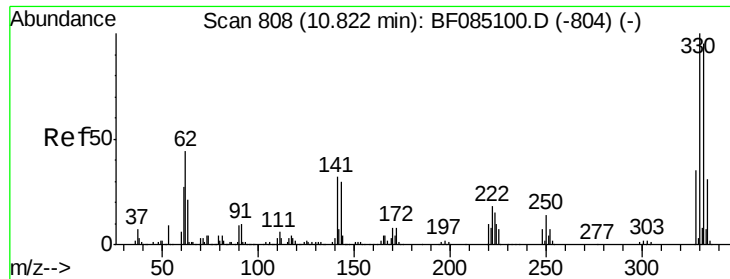
#40
 Hexachlorocyclopentadiene
 Concen: 78.97 ng
 RT: 9.15 min Scan# 662
 Delta R.T. 0.01 min
 Lab File: BF085103.D
 Acq: 1 Mar 2016 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	535071		
235	63.7	45.3	85.3	
272	15.1	0.0	31.2	



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





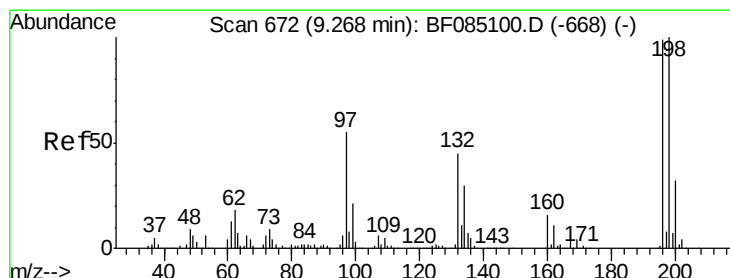
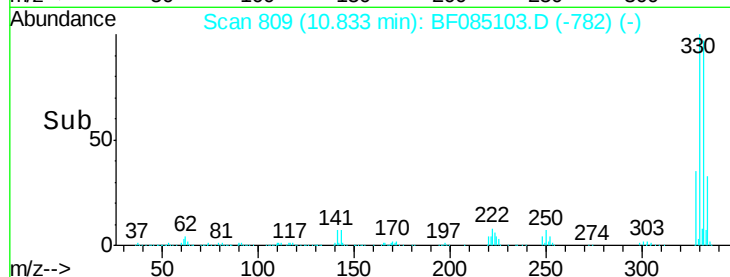
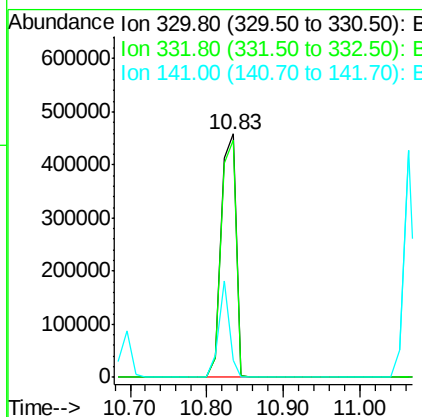
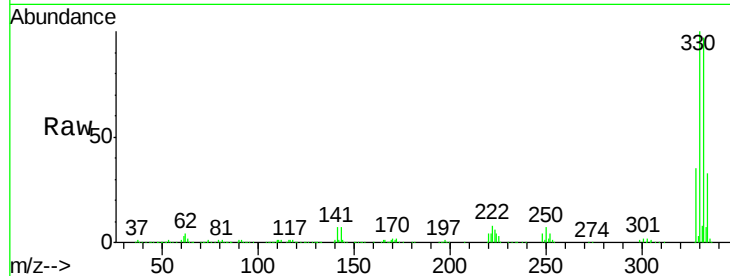
#41
 2,4,6-Tribromophenol
 Concen: 159.27 ng
 RT: 10.83 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: BF085103.D
 Acq: 1 Mar 2016 20:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	629437		
332	97.8	75.9	113.9	
141	28.3	28.9	43.3#	

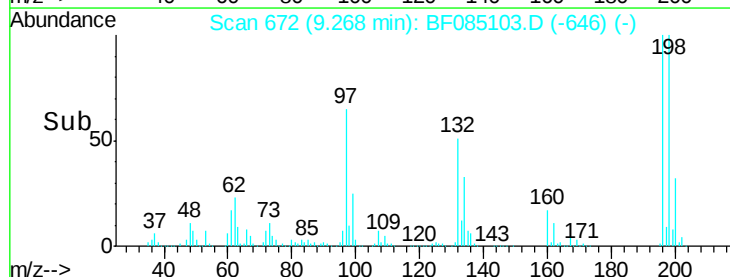
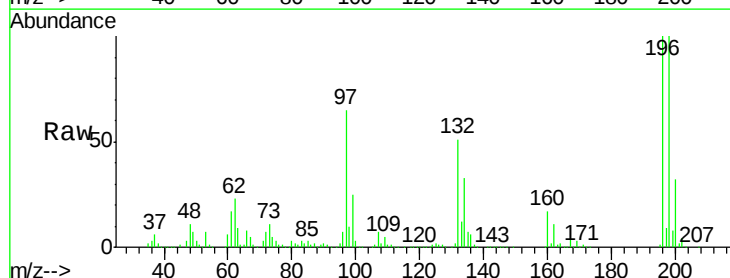
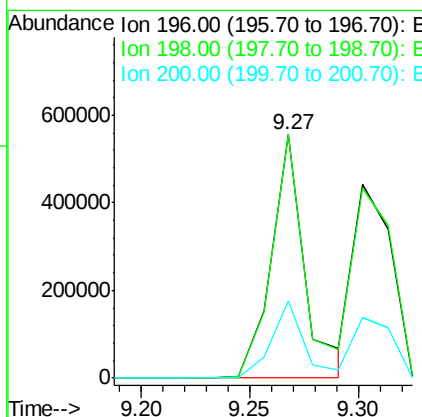
Manual Integrations
 APPROVED

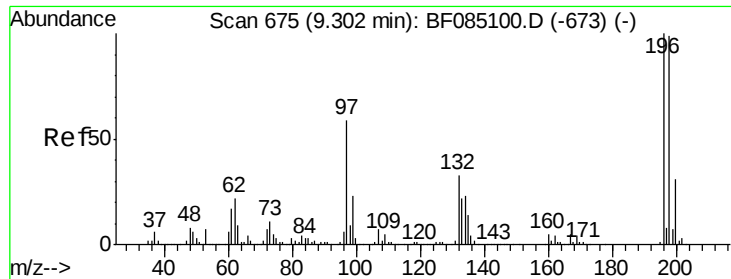
UMANGI
 3/2/2016 1:04:17 PM



#42
 2,4,6-Trichlorophenol
 Concen: 74.60 ng
 RT: 9.27 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF085103.D
 Acq: 1 Mar 2016 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	594519		
198	100.1	80.4	120.6	
200	31.7	25.8	38.8	





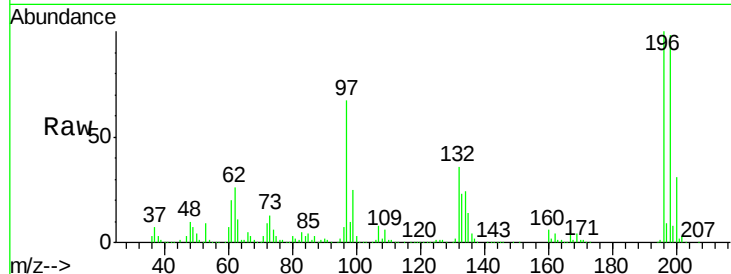
#43
 2,4,5-Trichlorophenol
 Concen: 69.55 ng
 RT: 9.30 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF085103.D
 Acq: 1 Mar 2016 20:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion:	196	Resp:	543266
Ion Ratio	Lower	Upper	
196	100		
198	97.9	79.5	119.3
97	67.3	47.3	70.9
132	35.8	26.5	39.7

Manual Integrations
 APPROVED

UMANGI
 3/2/2016 1:04:17 PM



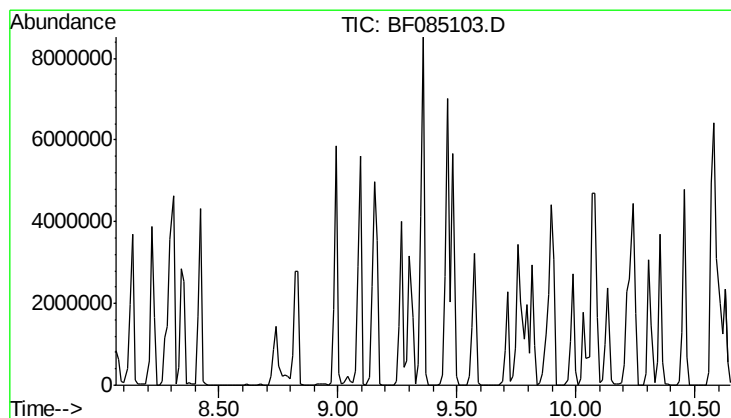
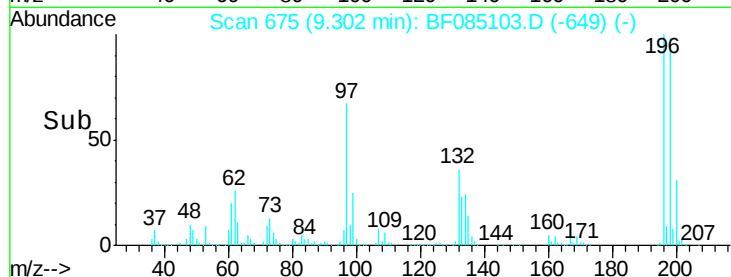
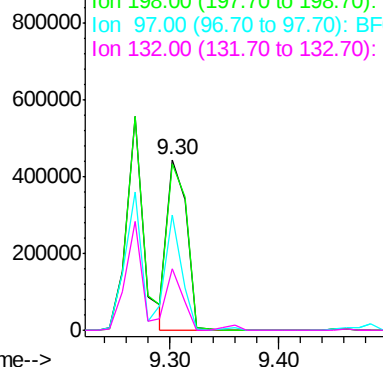
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

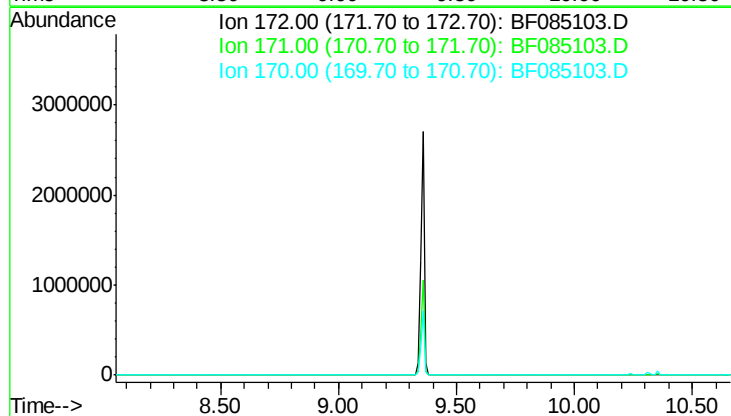
Ion 132.00 (131.70 to 132.70): E

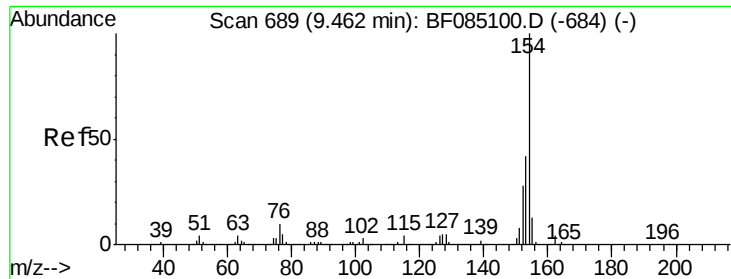


#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 9.36 min

Lab File: BF085103.D
 Acq: 1 Mar 2016 20:57

Tgt Ion:	172
Sig	Exp Ratio
172	100
171	38.1
170	26.5





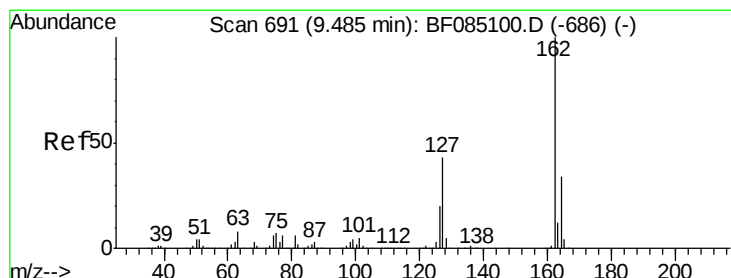
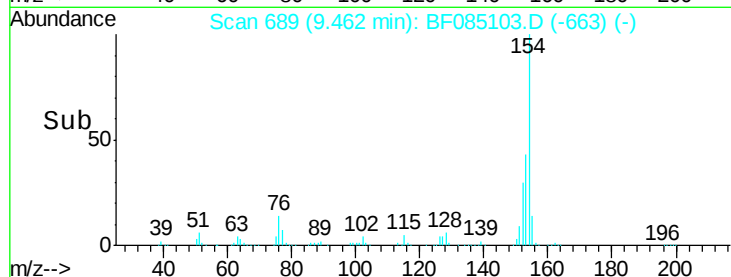
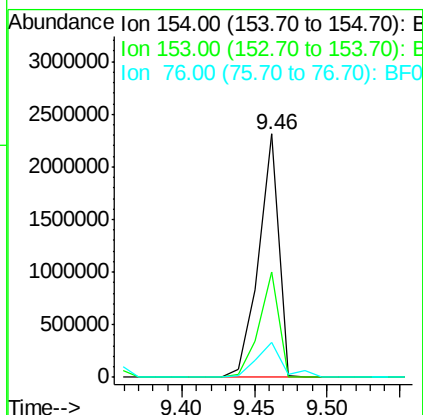
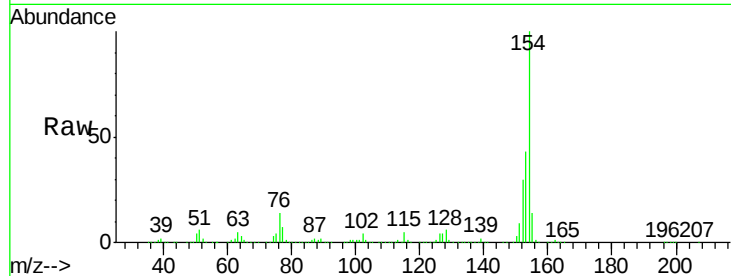
#45
 1,1'-Biphenyl
 Concen: 69.72 ng
 RT: 9.46 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF085103.D
 Acq: 1 Mar 2016 20:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.4	21.5	61.5
76	14.3	0.0	29.7

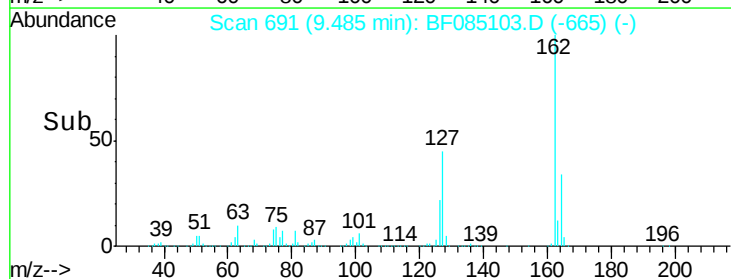
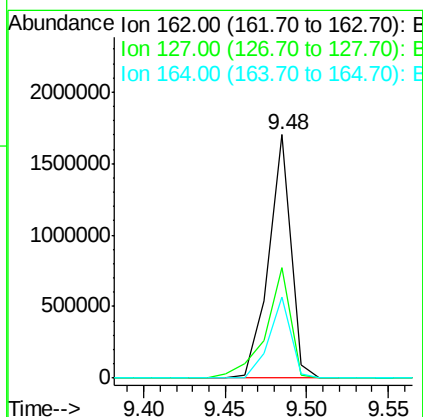
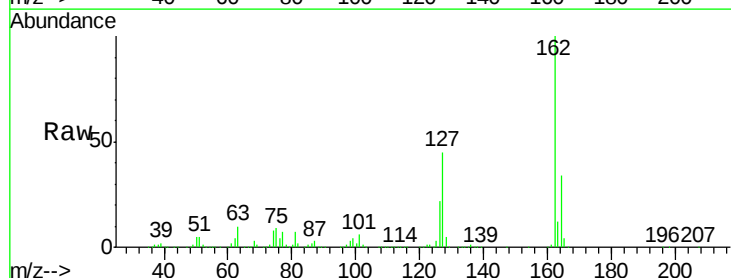
Manual Integrations
 APPROVED

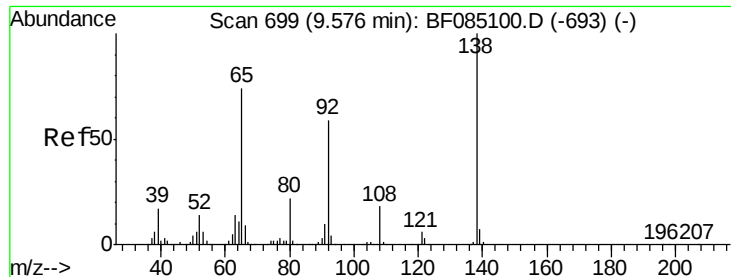
UMANGI
 3/2/2016 1:04:17 PM



#46
 2-Chloronaphthalene
 Concen: 69.24 ng
 RT: 9.48 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF085103.D
 Acq: 1 Mar 2016 20:57

Tgt Ion	Ratio	Lower	Upper
162	100		
127	45.4	34.2	51.4
164	33.5	27.2	40.8





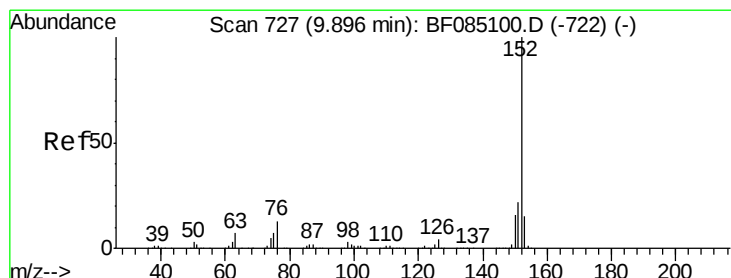
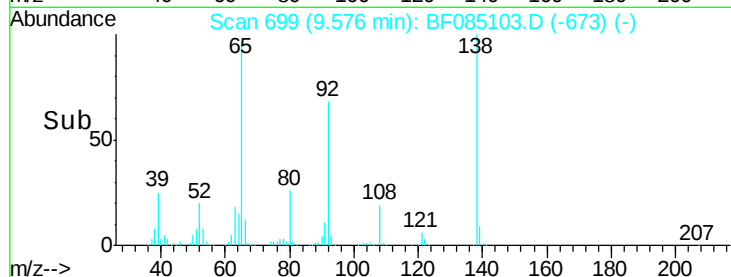
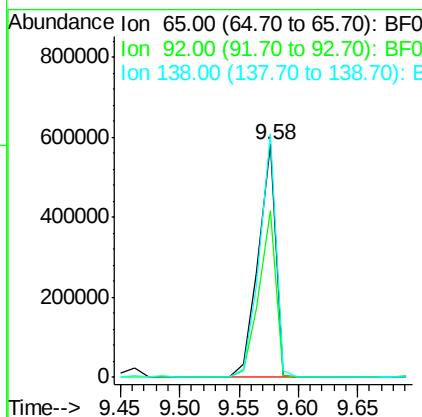
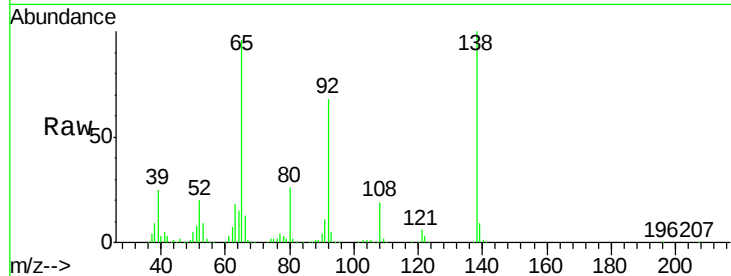
#47
2-Nitroaniline
Concen: 101.29 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF085103.D
Acq: 1 Mar 2016 20:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.5	63.8	95.6
138	104.6	108.5	162.7#

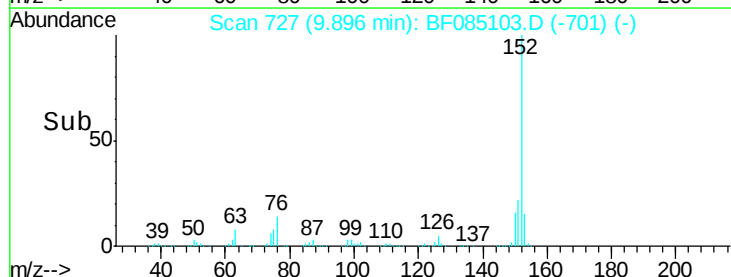
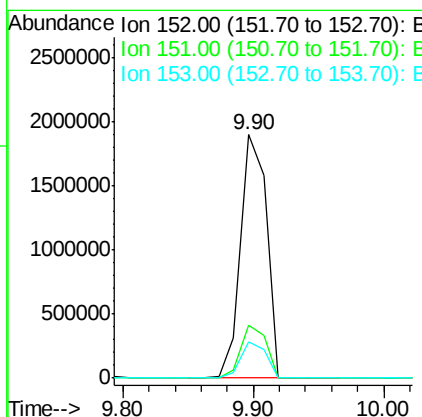
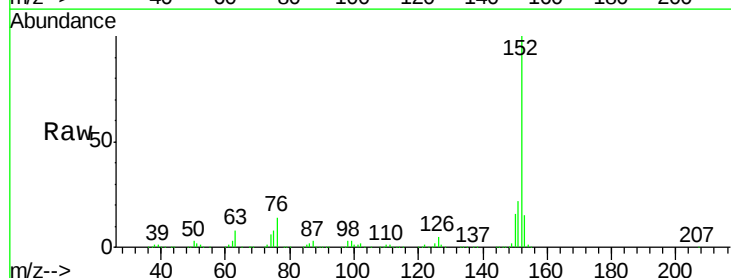
Manual Integrations
APPROVED

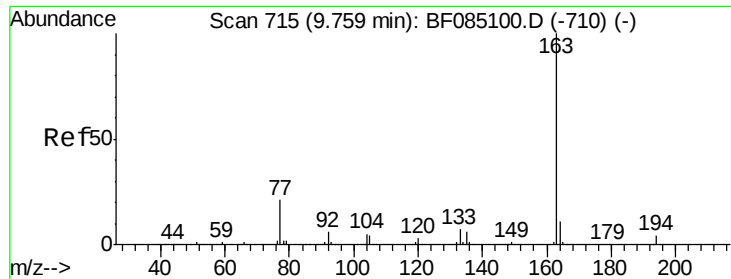
UMANGI
3/2/2016 1:04:17 PM



#48
Acenaphthylene
Concen: 69.23 ng
RT: 9.90 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF085103.D
Acq: 1 Mar 2016 20:57

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.4	26.0
153	15.0	12.0	18.0





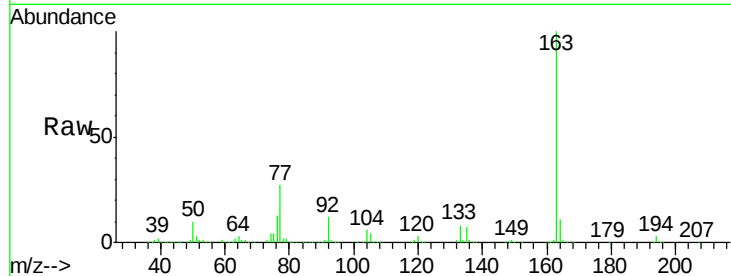
#49
Dimethylphthalate
Concen: 73.42 ng
RT: 9.76 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF085103.D
Acq: 1 Mar 2016 20:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

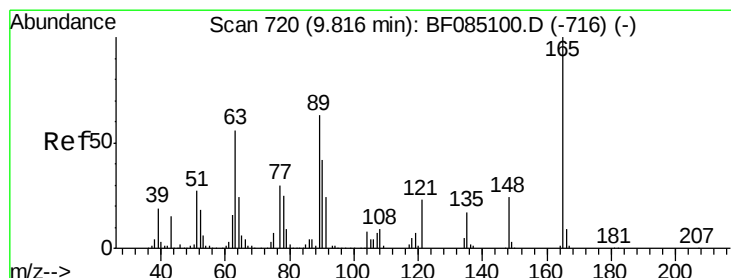
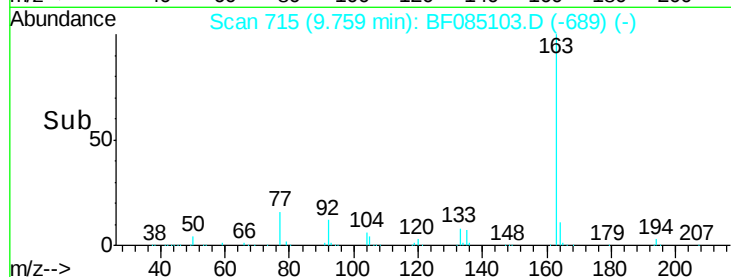
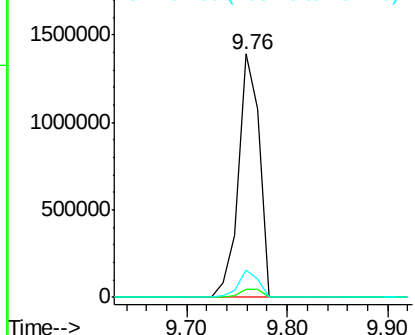
Tgt Ion:163 Resp: 1995085
Ion Ratio Lower Upper
163 100
194 3.5 2.9 4.3
164 11.3 8.6 12.8

Manual Integrations
APPROVED

UMANGI
3/2/2016 1:04:17 PM

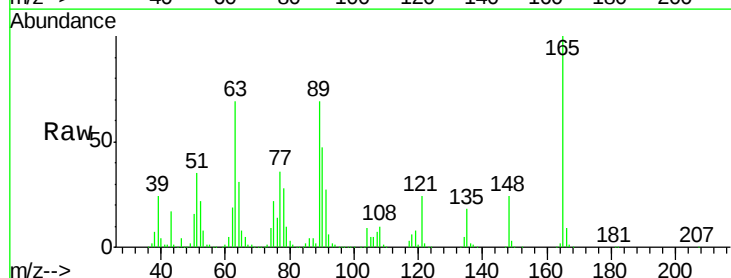


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

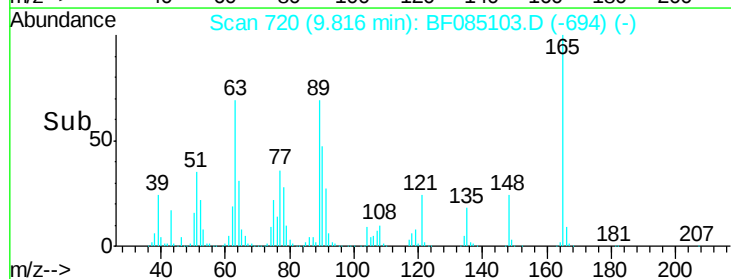
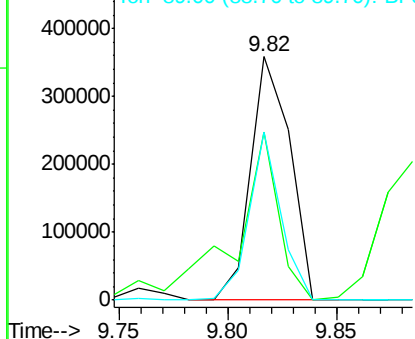


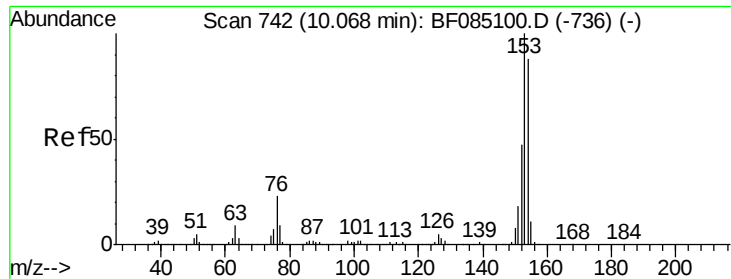
#50
2,6-Dinitrotoluene
Concen: 78.81 ng
RT: 9.82 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF085103.D
Acq: 1 Mar 2016 20:57

Tgt Ion:165 Resp: 452688
Ion Ratio Lower Upper
165 100
63 69.2 47.4 71.2
89 69.0 50.2 75.2



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: 73.26 ng

RT: 10.08 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF085103.D

Acq: 1 Mar 2016 20:57

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion:154 Resp: 1706483

Ion Ratio Lower Upper

154 100

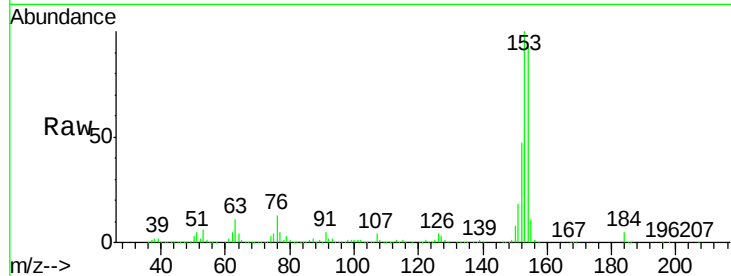
153 107.9 91.0 136.6

152 51.0 43.0 64.6

Manual Integrations
APPROVED

UMANGI

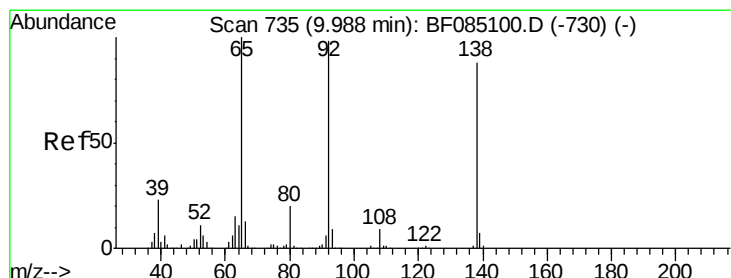
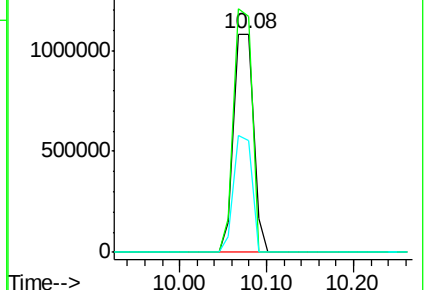
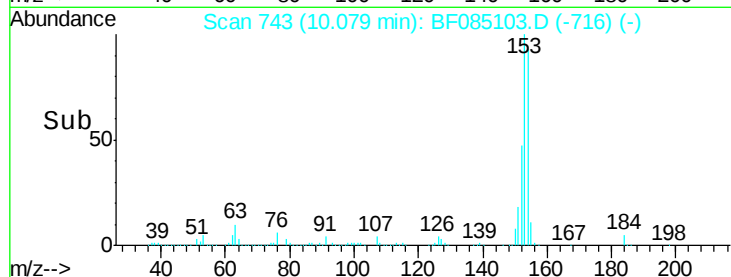
3/2/2016 1:04:17 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 70.34 ng

RT: 9.99 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF085103.D

Acq: 1 Mar 2016 20:57

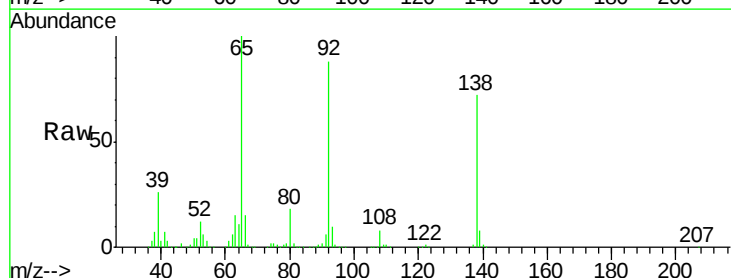
Tgt Ion:138 Resp: 474921

Ion Ratio Lower Upper

138 100

108 11.0 8.2 12.2

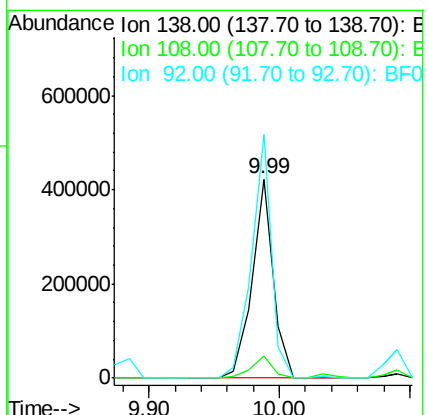
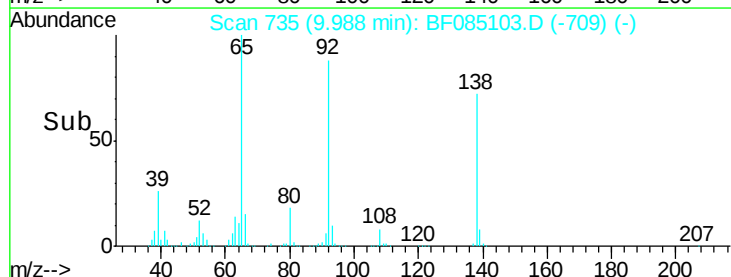
92 122.3 89.0 133.6

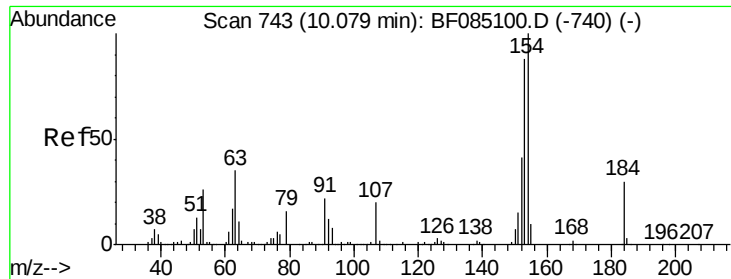


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





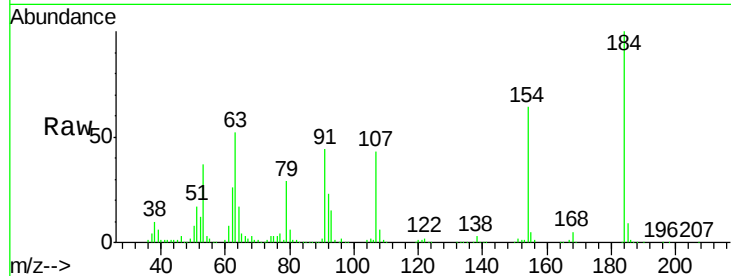
#53
2,4-Dinitrophenol
Concen: 149.18 ng
RT: 10.09 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF085103.D
Acq: 1 Mar 2016 20:57

Instrument :
BNA_F
ClientSampled :
SSTDIC080

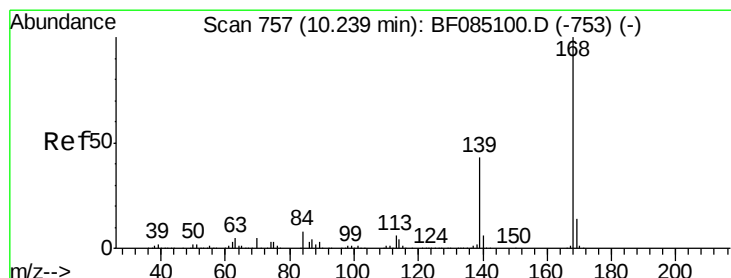
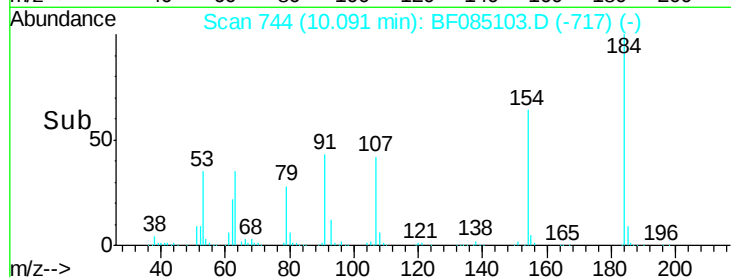
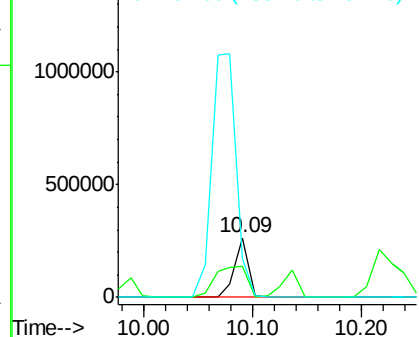
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	230048		
63	52.0	94.0	141.0#	
154	64.5	269.8	404.8#	

Manual Integrations
APPROVED

UMANGI
3/2/2016 1:04:17 PM

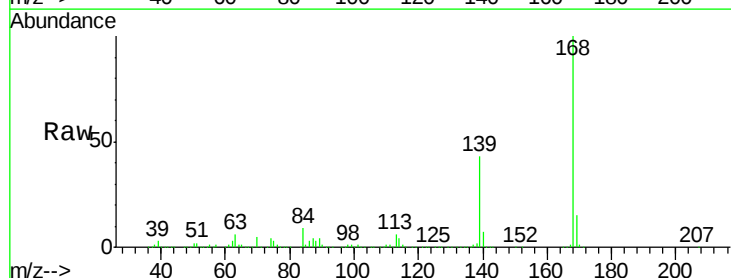


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

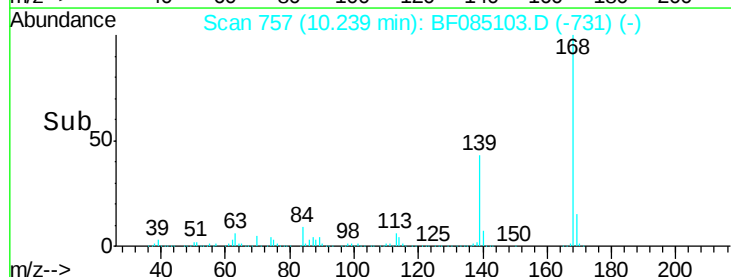
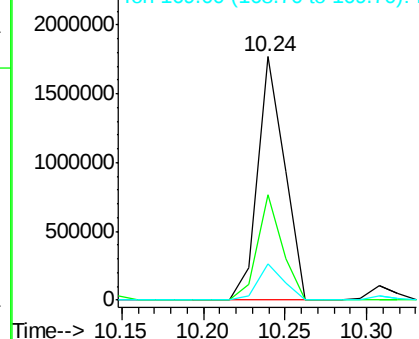


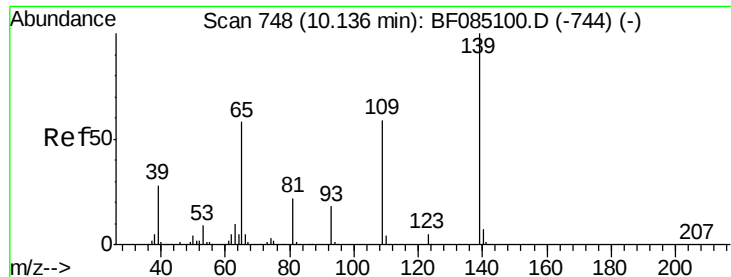
#54
Dibenzofuran
Concen: 65.20 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF085103.D
Acq: 1 Mar 2016 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	2020903		
139	43.3	34.2	51.2	
169	14.7	11.4	17.2	



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 71.28 ng

RT: 10.14 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF085103.D

Acq: 1 Mar 2016 20:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:139 Resp: 381107
Ion Ratio Lower Upper

139 100

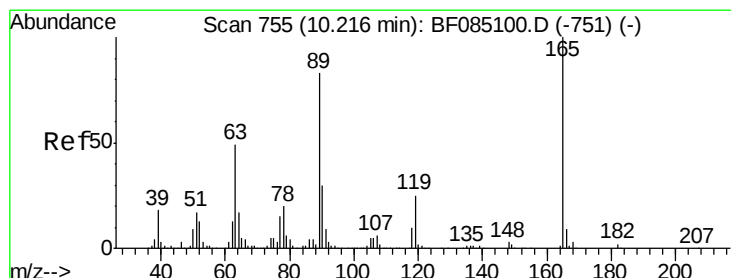
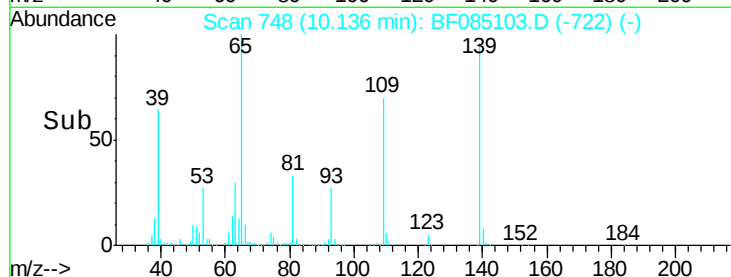
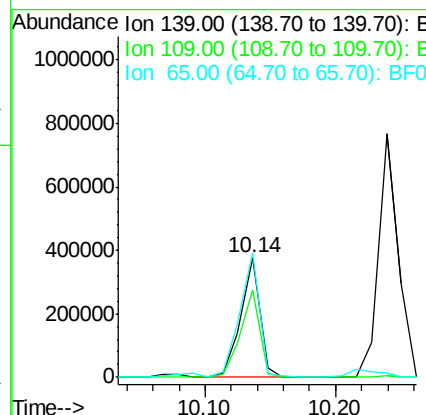
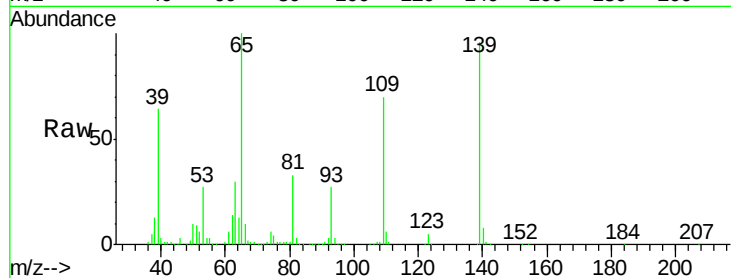
109 73.0 39.5 79.5

65 104.4 38.4 78.4#

Manual Integrations
APPROVED

UMANGI

3/2/2016 1:04:17 PM



#56

2,4-Dinitrotoluene

Concen: 96.04 ng

RT: 10.23 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF085103.D

Acq: 1 Mar 2016 20:57

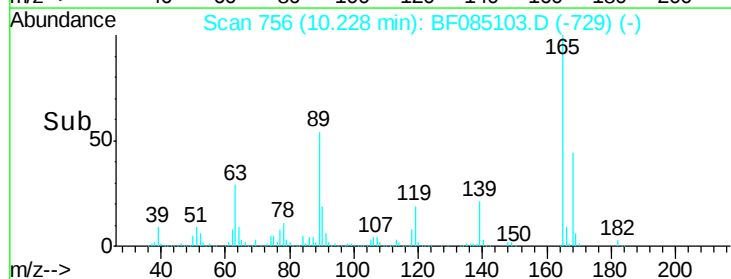
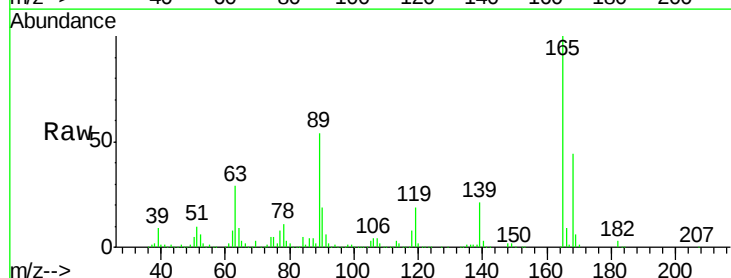
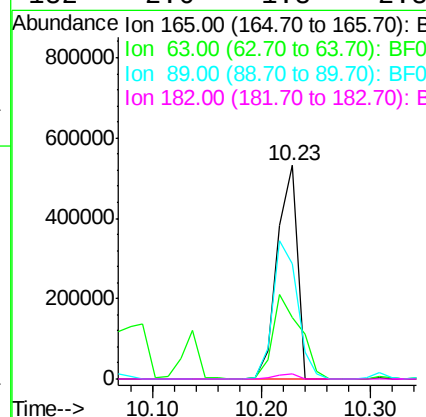
Tgt Ion:165 Resp: 678433
Ion Ratio Lower Upper

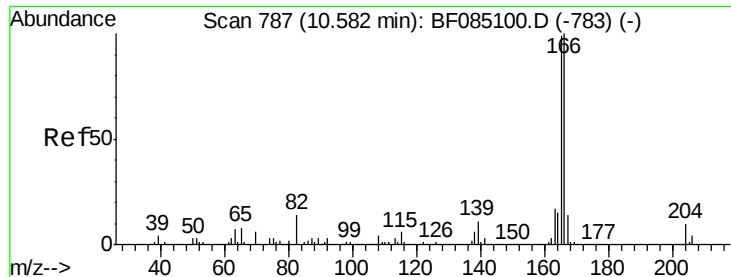
165 100

63 28.6 39.2 58.8#

89 53.7 66.2 99.4#

182 2.6 1.8 2.8





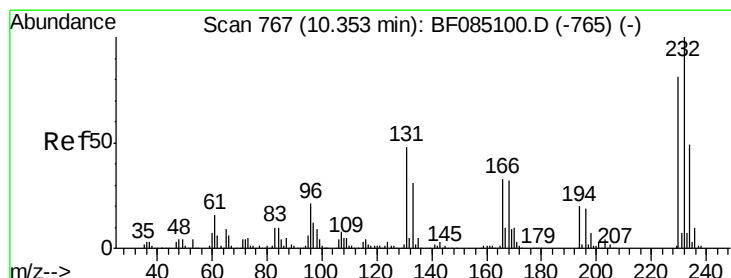
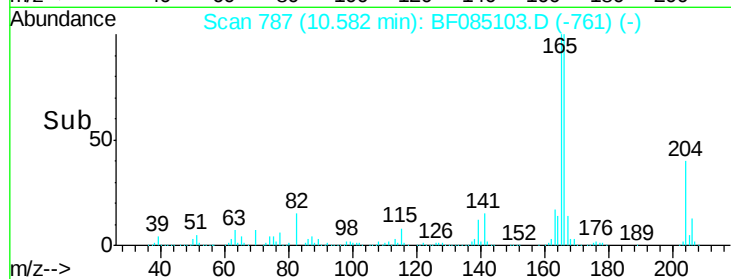
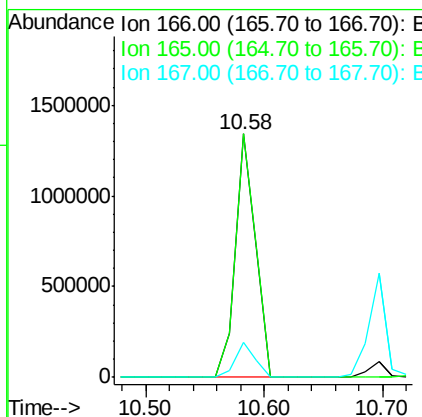
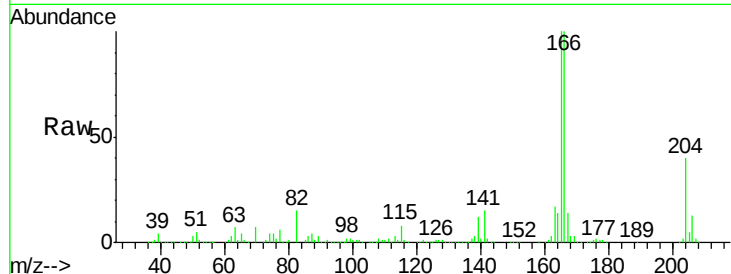
#57
 Fluorene
 Concen: 62.16 ng
 RT: 10.58 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF085103.D
 Acq: 1 Mar 2016 20:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

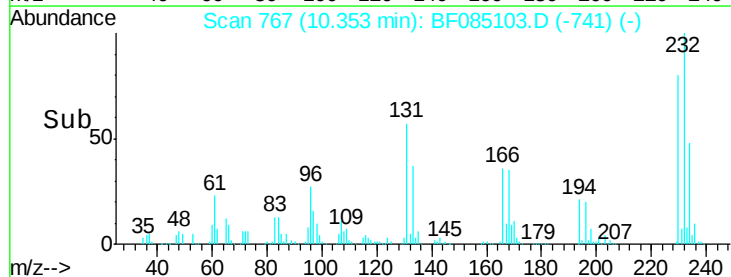
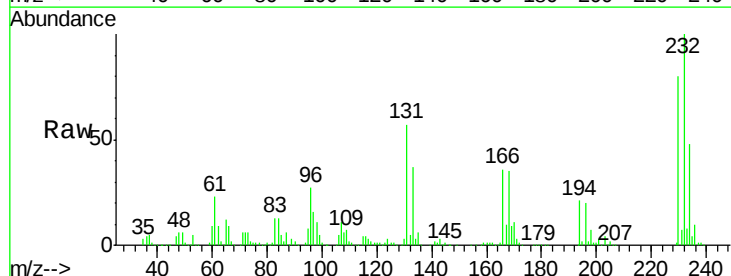
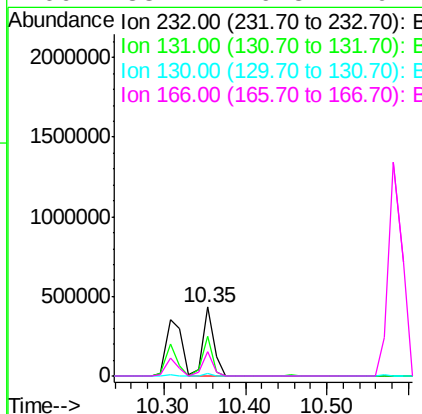
UMANGI
 3/2/2016 1:04:17 PM

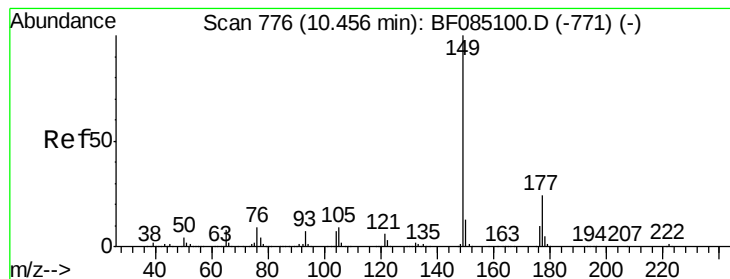
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.4	119.2
167	14.3	11.2	16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 65.05 ng
 RT: 10.35 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BF085103.D
 Acq: 1 Mar 2016 20:57

Tgt Ion	Ratio	Lower	Upper
232	100		
131	52.3	41.6	62.4
130	2.6	2.1	3.1
166	33.1	26.8	40.2





#59

Diethylphthalate

Concen: 64.74 ng

RT: 10.46 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF085103.D

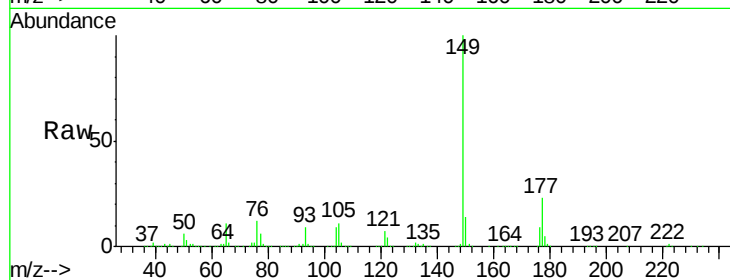
Acq: 1 Mar 2016 20:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:149 Resp: 1823585

Ion Ratio Lower Upper

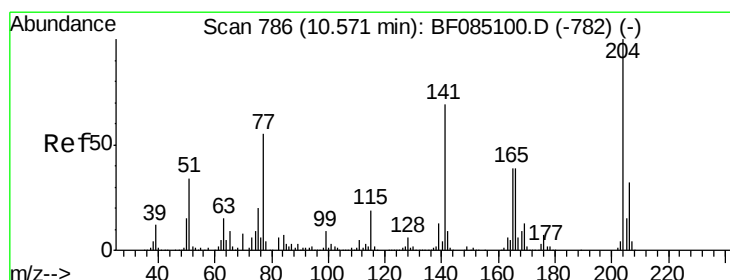
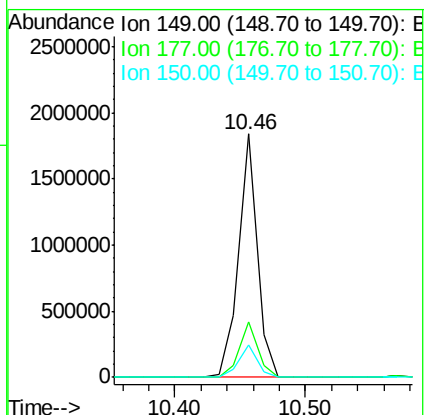
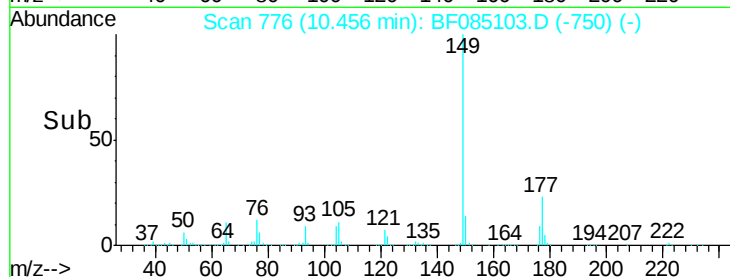
149 100

177 22.7 19.4 29.2

150 13.5 10.1 15.1

Manual Integrations
APPROVED

UMANGI
3/2/2016 1:04:17 PM



#60

4-Chlorophenyl-phenylether

Concen: 65.75 ng

RT: 10.57 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF085103.D

Acq: 1 Mar 2016 20:57

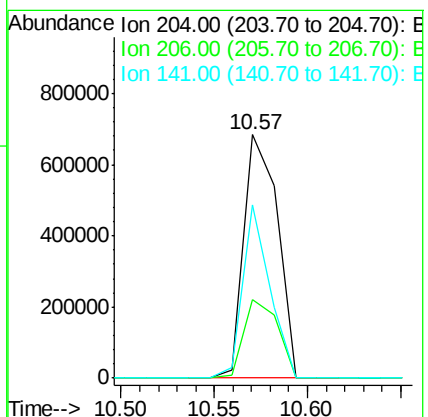
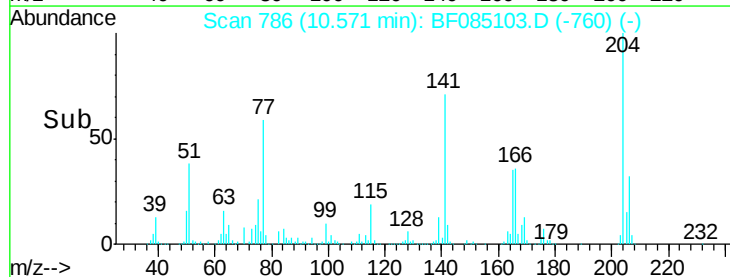
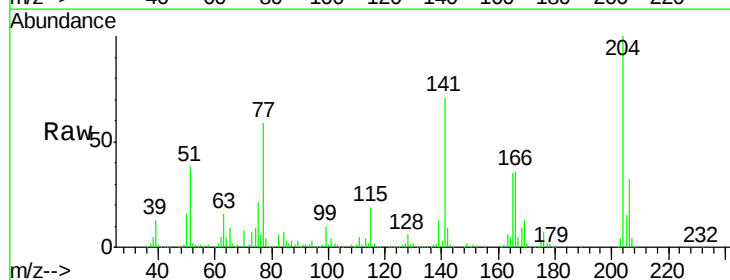
Tgt Ion:204 Resp: 857972

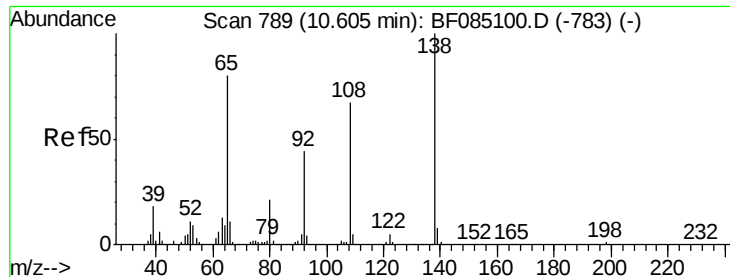
Ion Ratio Lower Upper

204 100

206 32.2 25.7 38.5

141 71.1 55.3 82.9





#61

4-Nitroaniline

Concen: 82.60 ng

RT: 10.60 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF085103.D

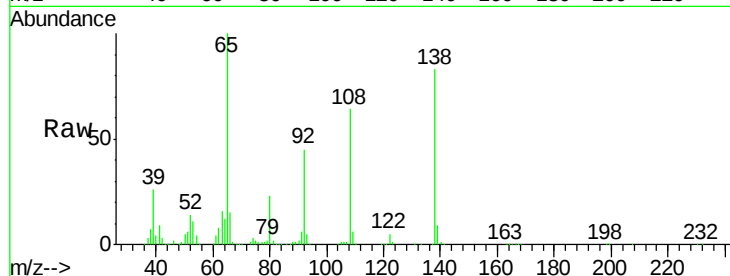
Acq: 1 Mar 2016 20:57

Instrument :

BNA_F

ClientSampleId :

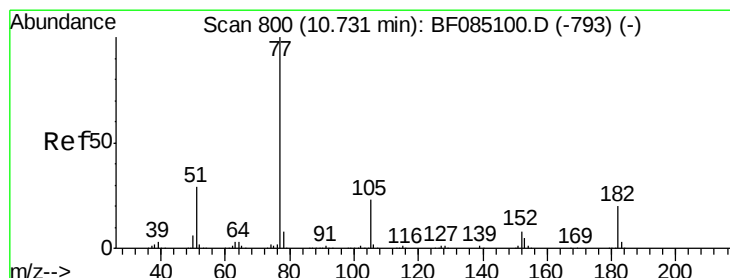
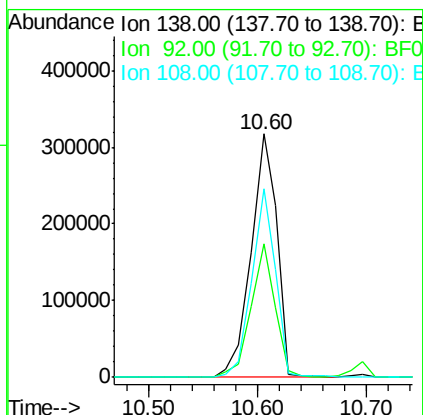
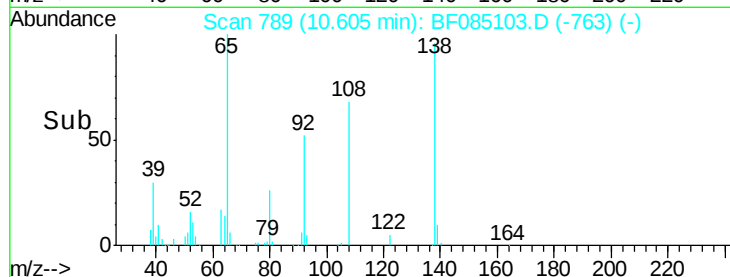
SSTDIC080



Tgt Ion:	138	Resp:	527510
Ion Ratio	Lower	Upper	
138	100		
92	54.8	23.5	63.5
108	77.3	46.8	86.8

Manual Integrations
APPROVED

UMANGI
3/2/2016 1:04:17 PM



#62

Azobenzene

Concen: 75.97 ng

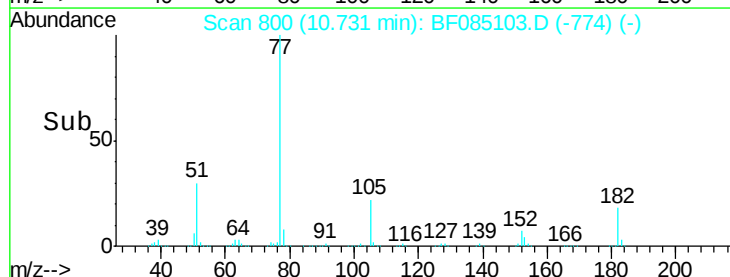
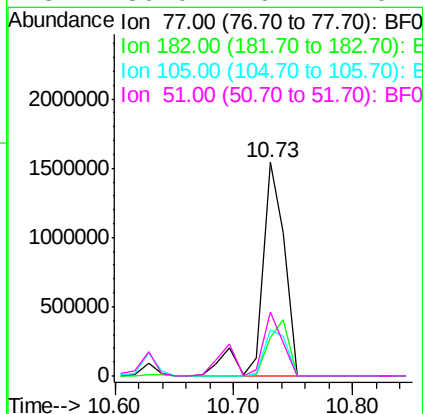
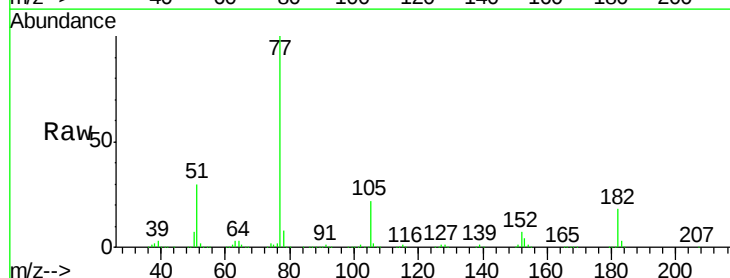
RT: 10.73 min Scan# 800

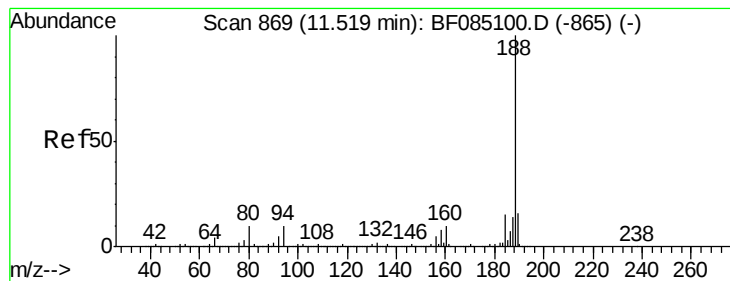
Delta R.T. 0.00 min

Lab File: BF085103.D

Acq: 1 Mar 2016 20:57

Tgt Ion:	77	Resp:	2061134
Ion Ratio	Lower	Upper	
77	100		
182	18.1	0.0	39.8
105	21.8	2.7	42.7
51	30.0	9.4	49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.52 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF085103.D

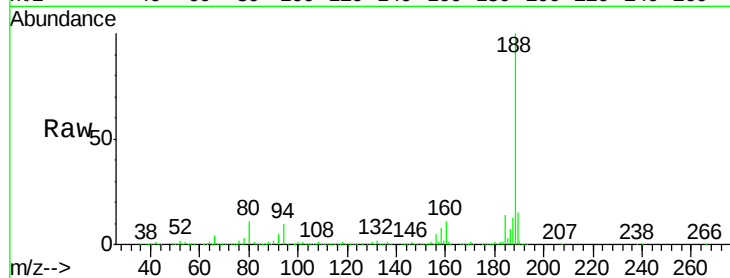
Acq: 1 Mar 2016 20:57

Instrument :

BNA_F

ClientSampleId :

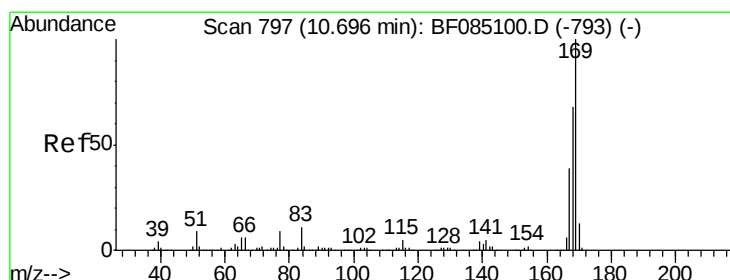
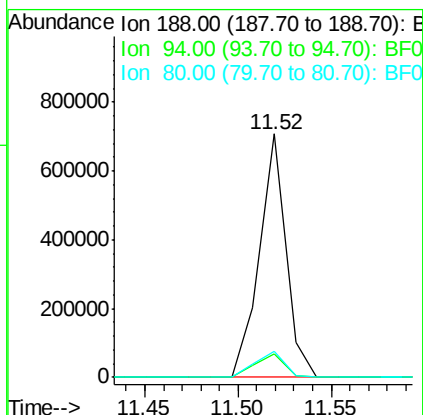
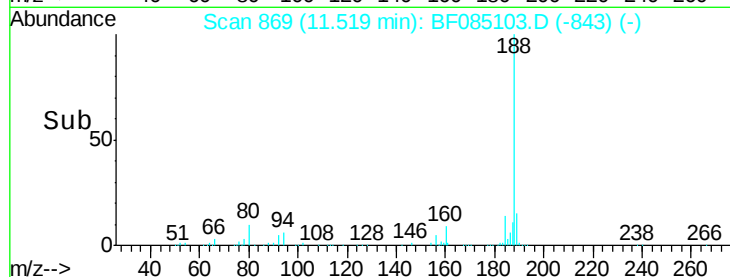
SSTDIC080



Tgt Ion	Ratio	Resp	Lower	Upper
188	100	697833		
94	9.8	7.8	11.6	
80	10.7	8.2	12.4	

Manual Integrations
APPROVED

UMANGI
3/2/2016 1:04:17 PM



#65

n-Nitrosodiphenylamine

Concen: 66.11 ng

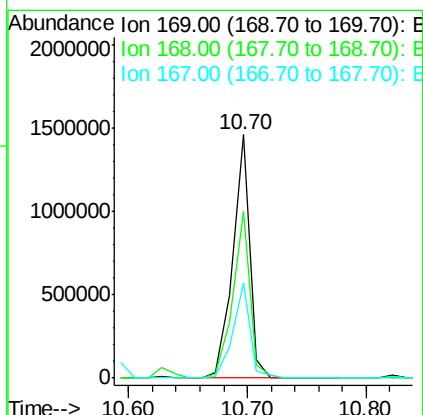
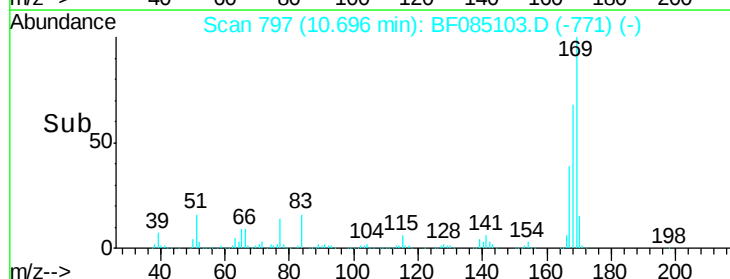
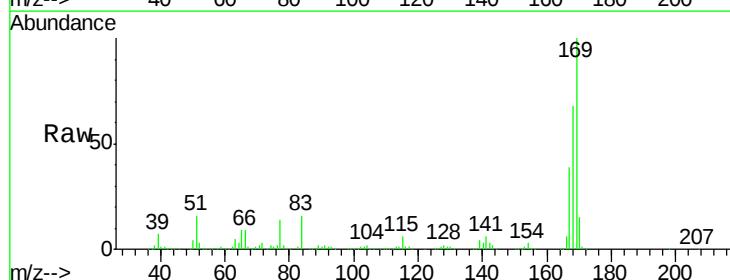
RT: 10.70 min Scan# 797

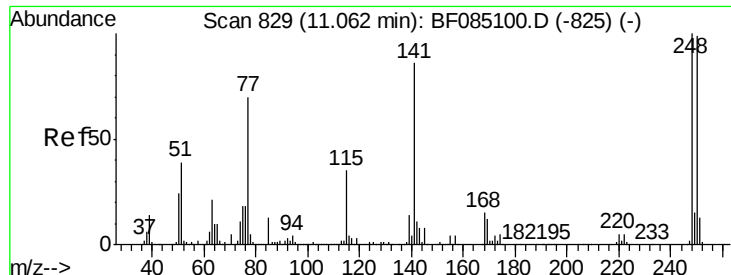
Delta R.T. 0.00 min

Lab File: BF085103.D

Acq: 1 Mar 2016 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1451197		
168	68.4	54.6	81.8	
167	39.2	30.8	46.2	





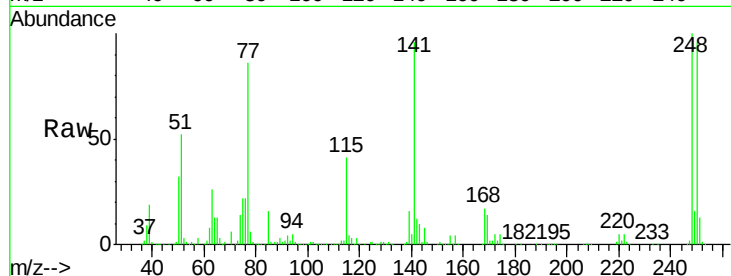
#66
4-Bromophenyl-phenylether
Concen: 67.62 ng
RT: 11.06 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF085103.D
Acq: 1 Mar 2016 20:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

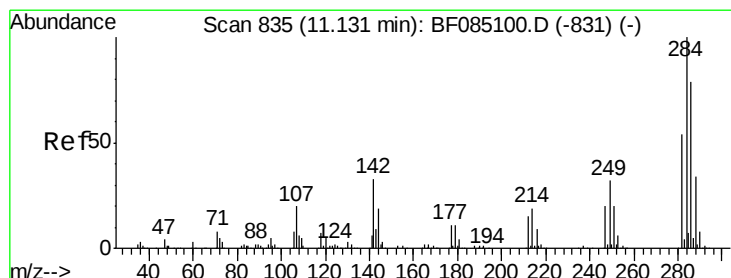
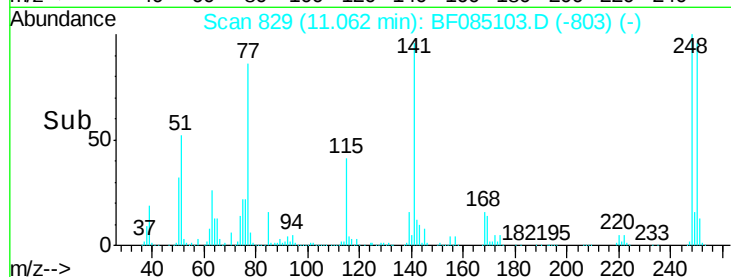
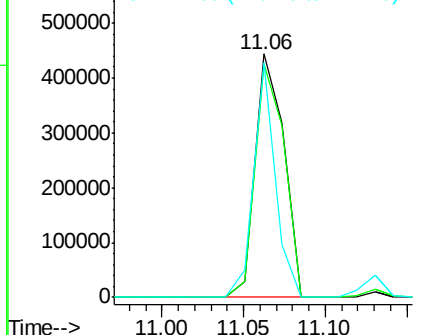
Tgt Ion	Ratio	Resp	Lower	Upper
248	100	543300		
250	96.1	79.0	118.4	
141	96.2	68.6	103.0	

Manual Integrations
APPROVED

UMANGI
3/2/2016 1:04:17 PM



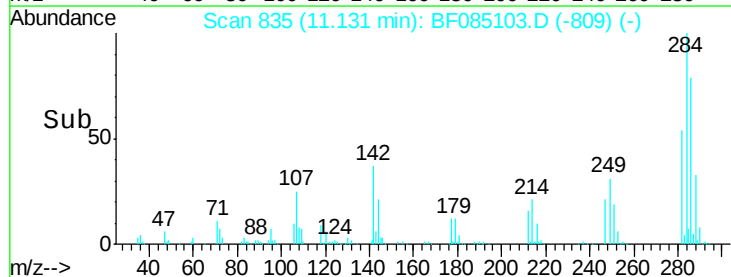
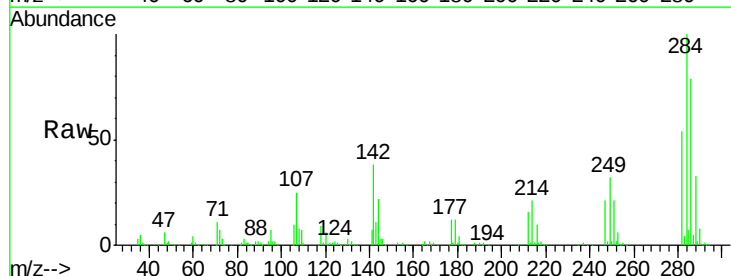
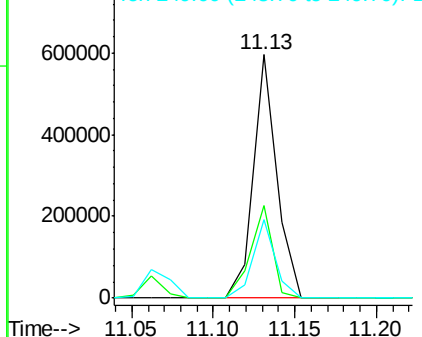
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

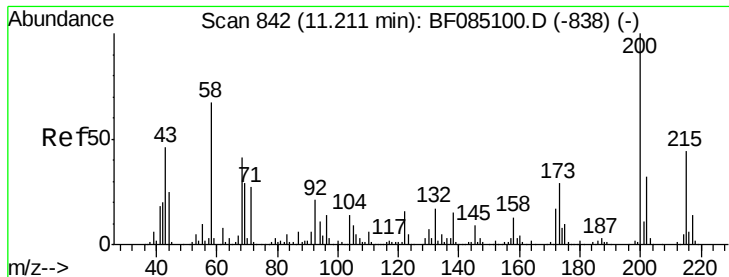


#67
Hexachlorobenzene
Concen: 69.79 ng
RT: 11.13 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF085103.D
Acq: 1 Mar 2016 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	594572		
142	38.1	26.3	39.5	
249	32.3	25.8	38.6	

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





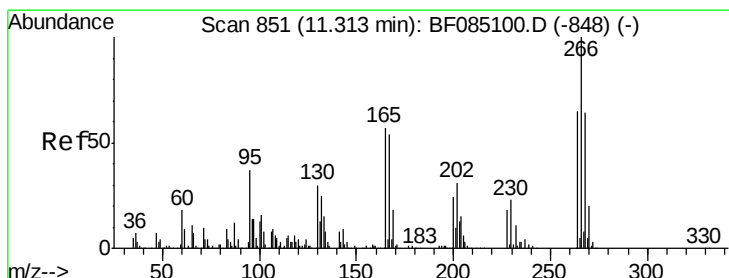
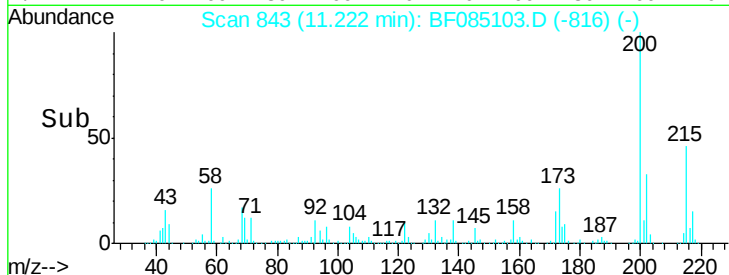
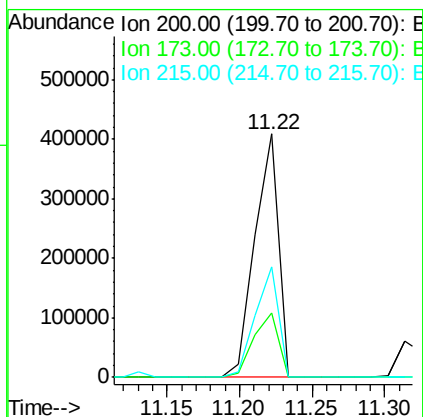
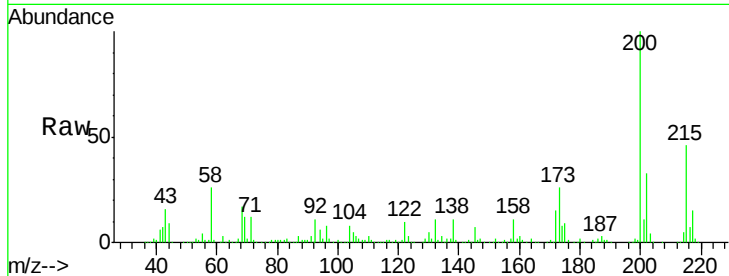
#68
Atrazine
Concen: 72.71 ng
RT: 11.22 min Scan# 843
Delta R.T. 0.01 min
Lab File: BF085103.D
Acq: 1 Mar 2016 20:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.3	9.4	49.4
215	45.5	23.6	63.6

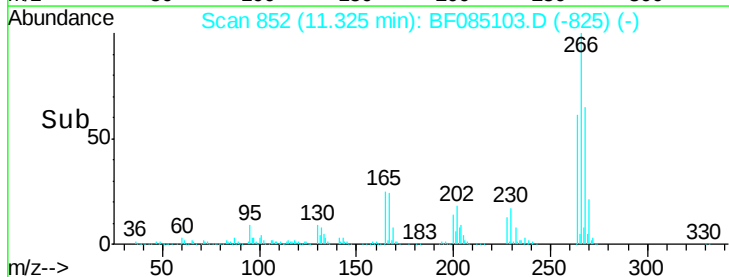
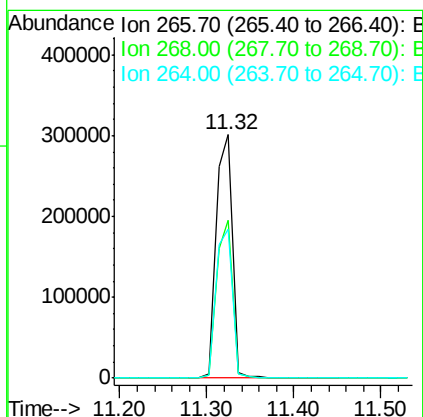
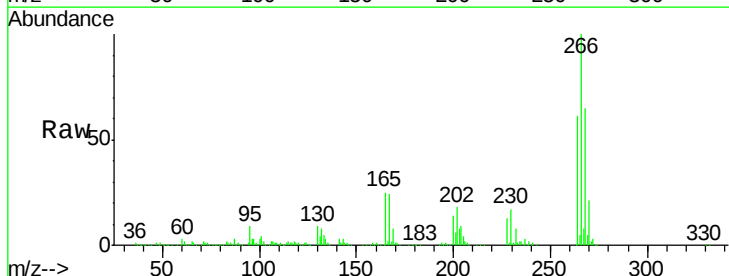
Manual Integrations
APPROVED

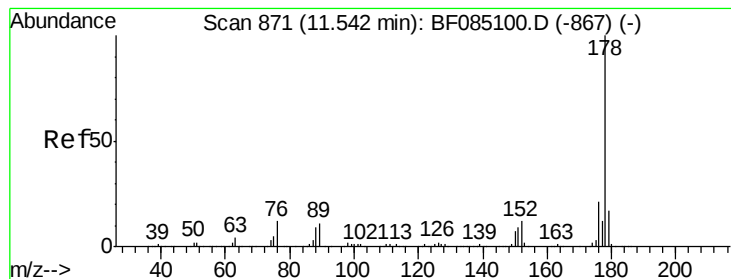
UMANGI
3/2/2016 1:04:17 PM



#69
Pentachlorophenol
Concen: 78.35 ng
RT: 11.32 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF085103.D
Acq: 1 Mar 2016 20:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.8	51.0	76.6
264	61.3	52.3	78.5





#70

Phenanthrene

Concen: 72.25 ng

RT: 11.54 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF085103.D

Acq: 1 Mar 2016 20:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:178 Resp: 2524522

Ion Ratio Lower Upper

178 100

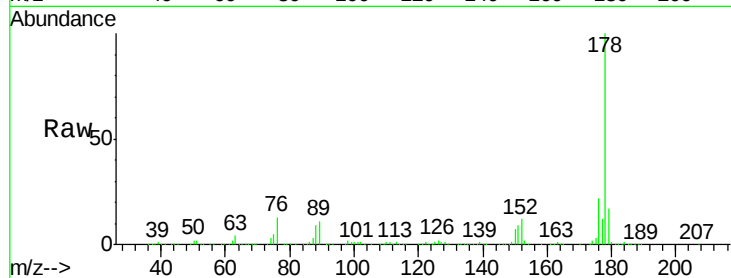
176 21.6 17.0 25.6

179 16.7 13.3 19.9

Manual Integrations
APPROVED

UMANGI

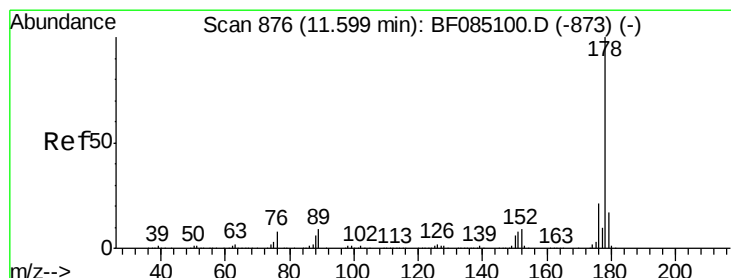
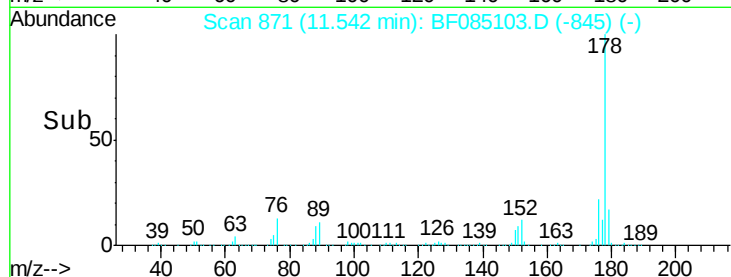
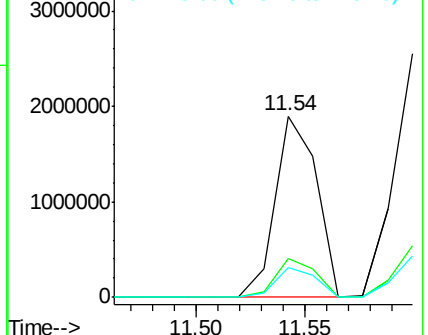
3/2/2016 1:04:17 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 70.44 ng

RT: 11.60 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF085103.D

Acq: 1 Mar 2016 20:57

Tgt Ion:178 Resp: 2498657

Ion Ratio Lower Upper

178 100

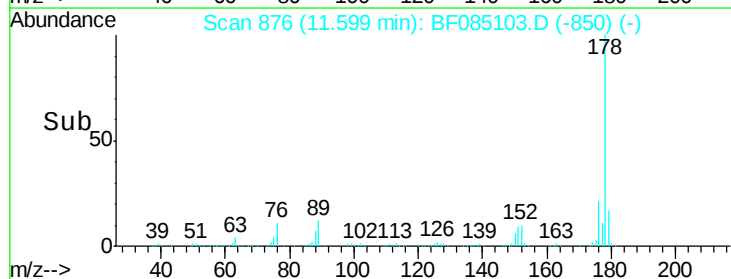
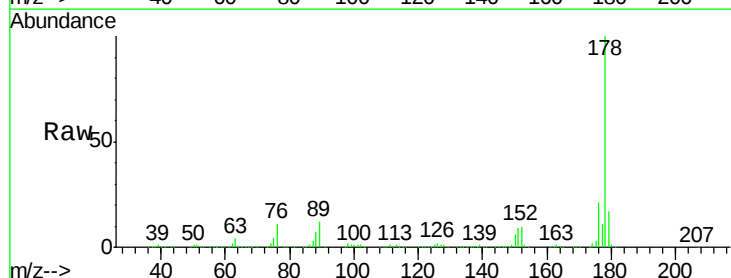
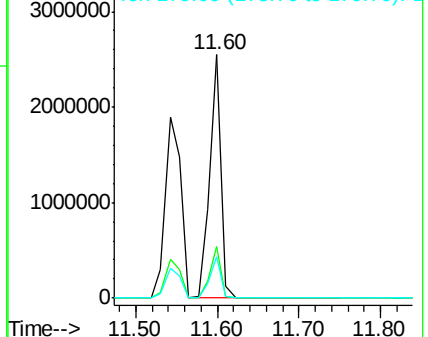
176 21.4 16.6 25.0

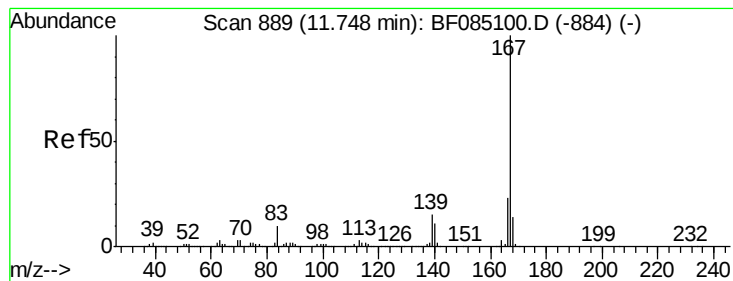
179 16.9 13.2 19.8

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 66.01 ng

RT: 11.75 min Scan# 889

Delta R.T. 0.00 min

Lab File: BF085103.D

Acq: 1 Mar 2016 20:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:167 Resp: 2121447

Ion Ratio Lower Upper

167 100

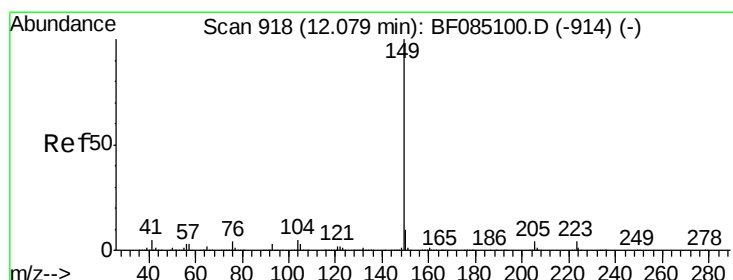
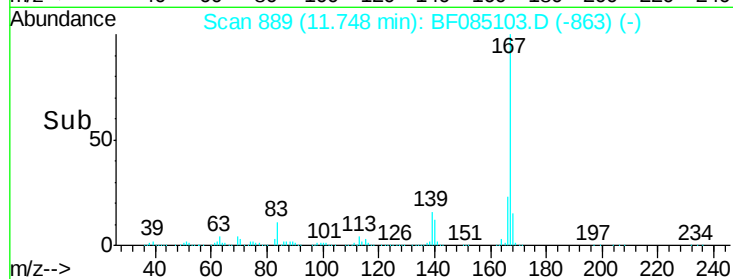
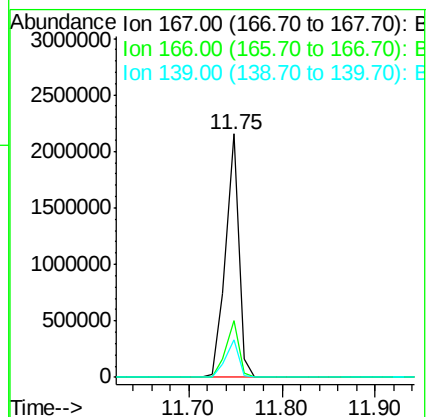
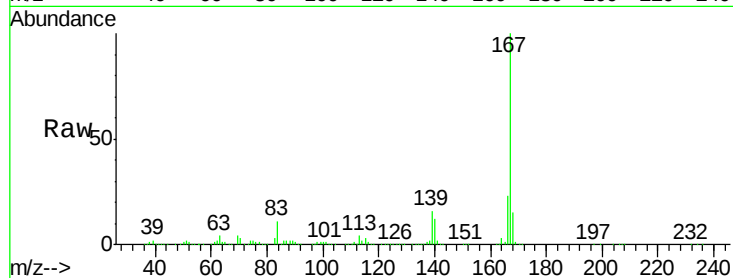
166 23.4 18.6 28.0

139 15.6 11.8 17.8

Manual Integrations
APPROVED

UMANGI

3/2/2016 1:04:17 PM



#73

Di-n-butylphthalate

Concen: 79.23 ng

RT: 12.08 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF085103.D

Acq: 1 Mar 2016 20:57

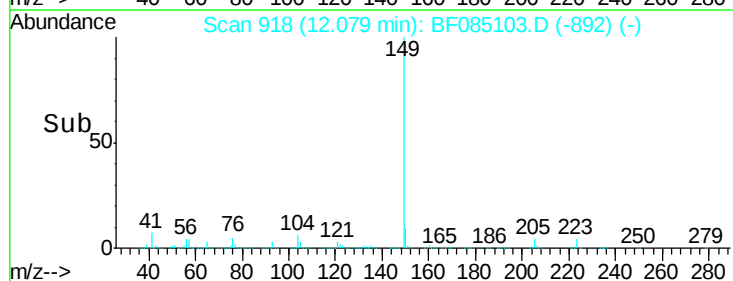
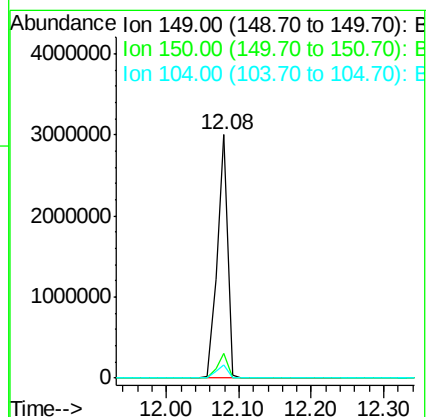
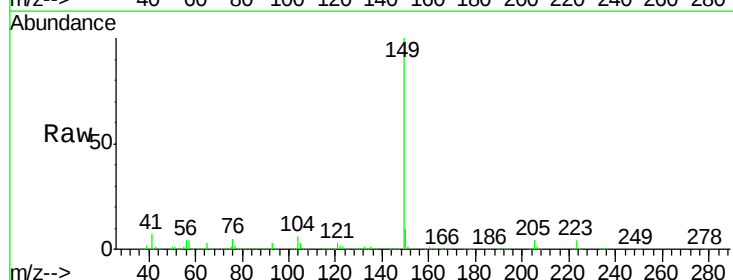
Tgt Ion:149 Resp: 2938733

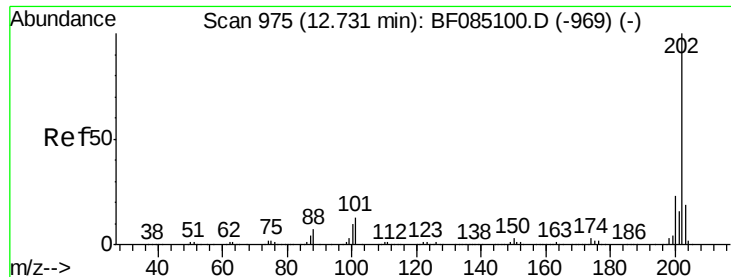
Ion Ratio Lower Upper

149 100

150 10.3 7.7 11.5

104 5.5 3.7 5.5





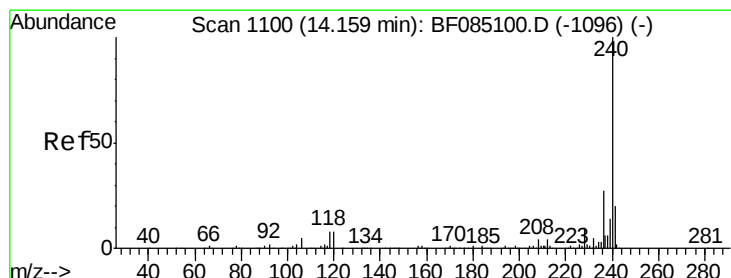
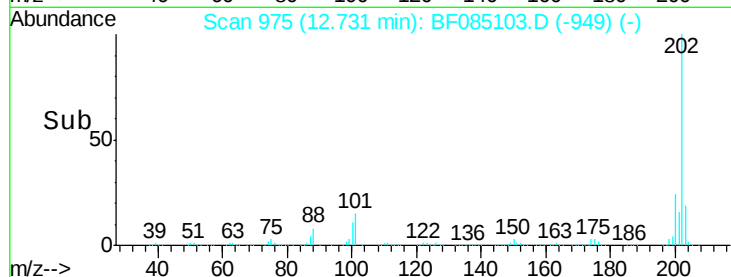
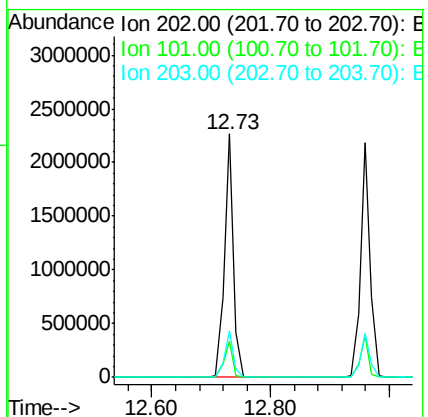
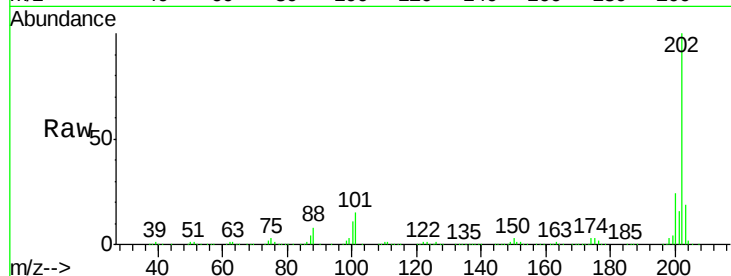
#74
 Fluoranthene
 Concen: 63.08 ng
 RT: 12.73 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF085103.D
 Acq: 1 Mar 2016 20:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	33.2
203	19.1	0.0	38.6

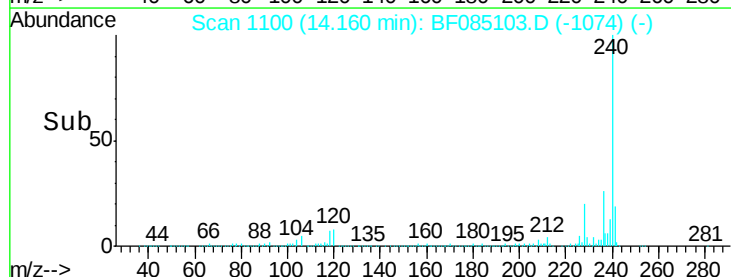
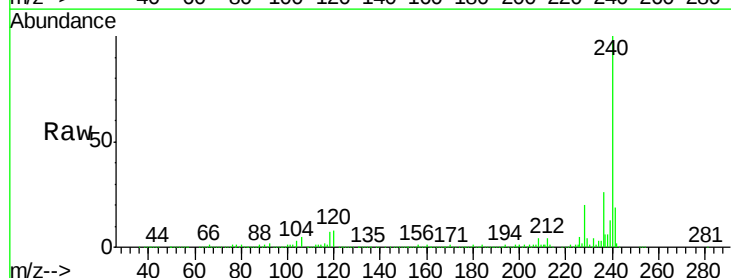
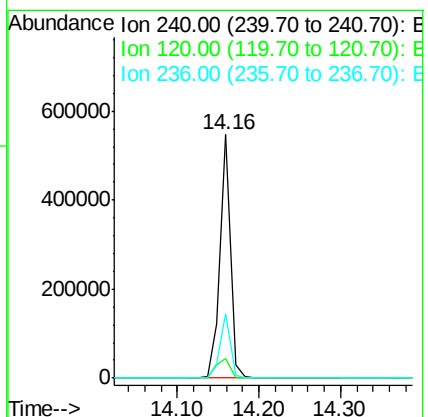
Manual Integrations
 APPROVED

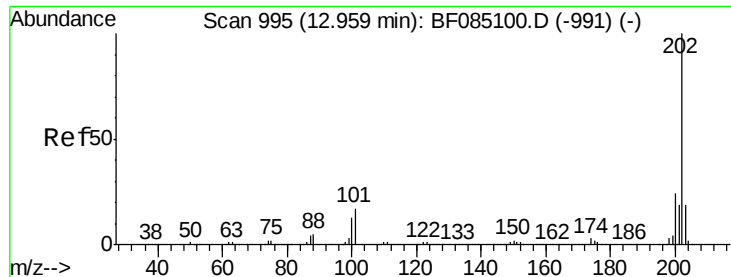
UMANGI
 3/2/2016 1:04:17 PM



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.16 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF085103.D
 Acq: 1 Mar 2016 20:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.7	10.1
236	26.3	21.6	32.4





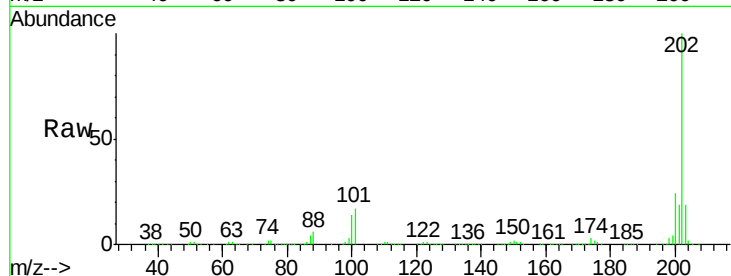
#77
 Pyrene
 Concen: 81.64 ng
 RT: 12.96 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF085103.D
 Acq: 1 Mar 2016 20:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

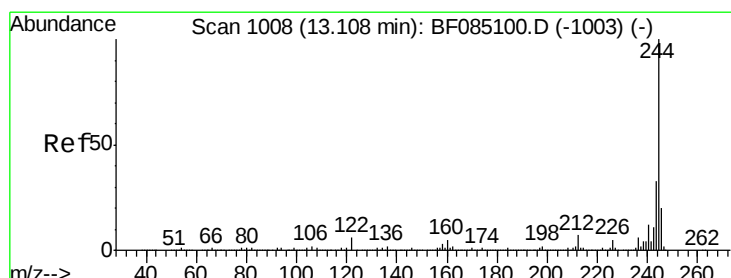
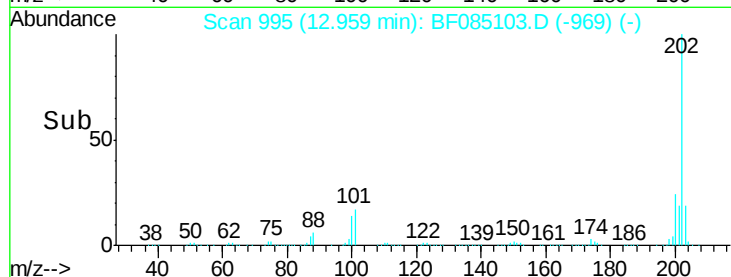
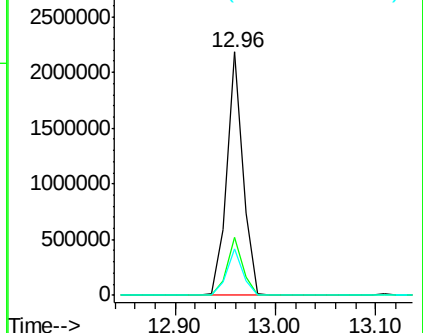
Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.6	19.0	28.6
203	18.9	15.0	22.6

Manual Integrations
 APPROVED

UMANGI
 3/2/2016 1:04:17 PM

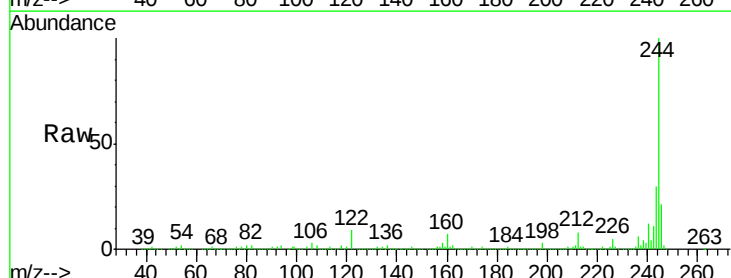


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

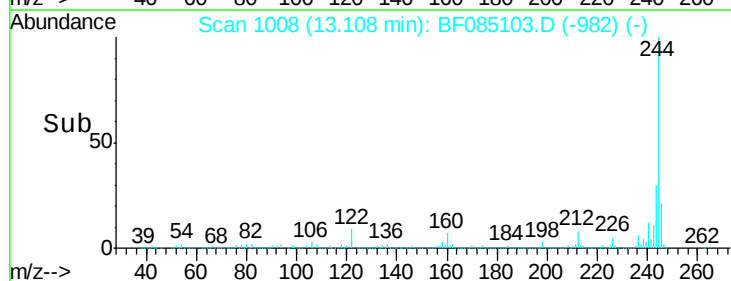
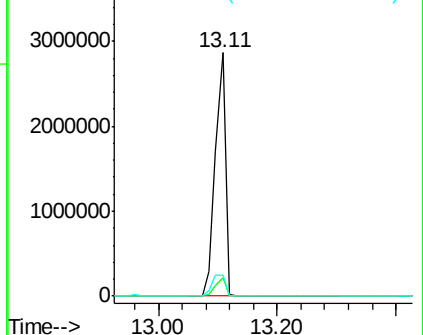


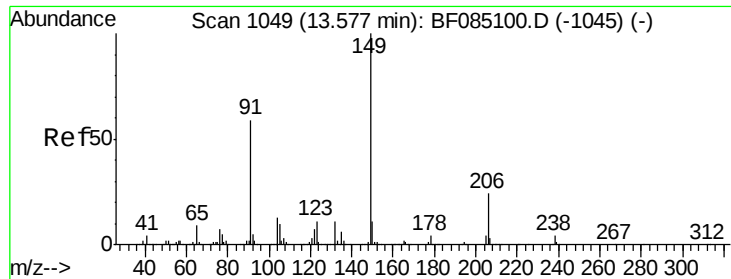
#78
 Terphenyl-d14
 Concen: 189.70 ng
 RT: 13.11 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BF085103.D
 Acq: 1 Mar 2016 20:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.0
122	8.7	5.1	7.7#



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





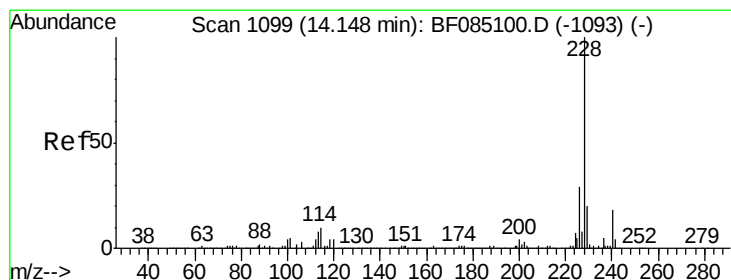
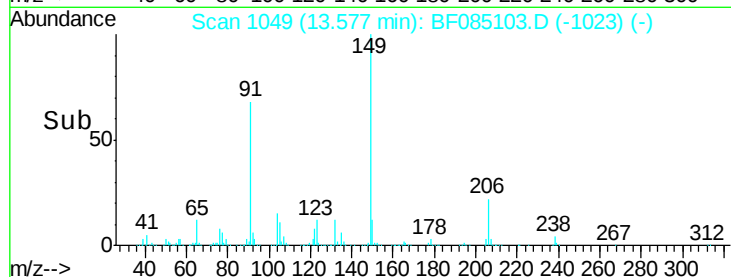
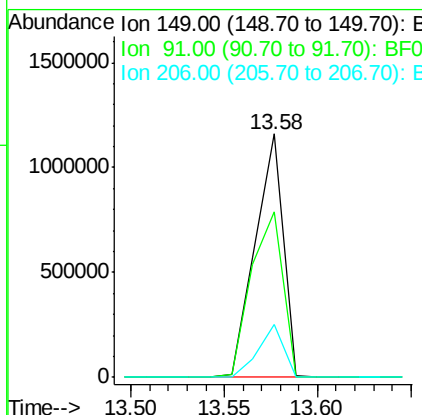
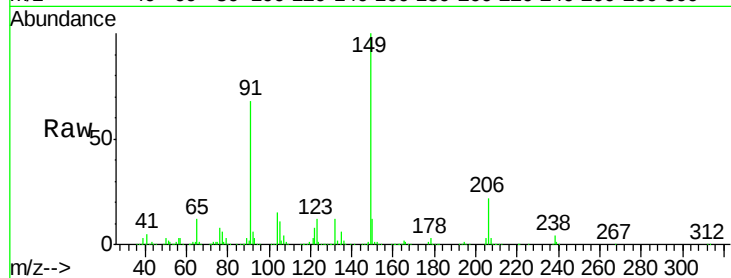
#79
Butylbenzylphthalate
Concen: 100.48 ng
RT: 13.58 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF085103.D
Acq: 1 Mar 2016 20:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.9	46.9	70.3
206	21.8	19.0	28.6

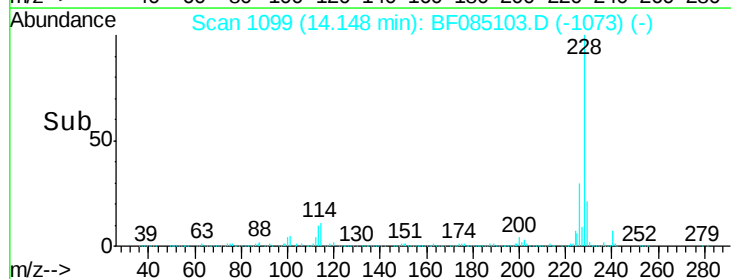
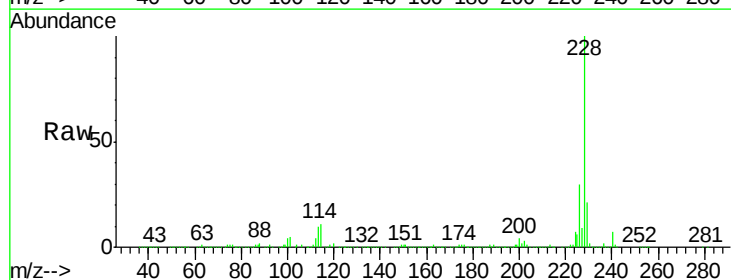
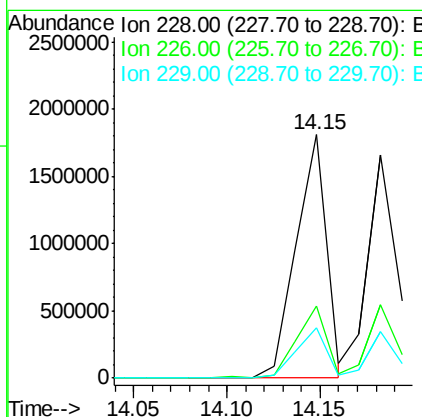
Manual Integrations
APPROVED

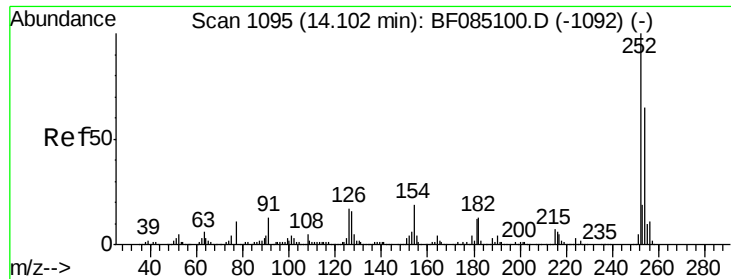
UMANGI
3/2/2016 1:04:17 PM



#80
Benzo(a)anthracene
Concen: 74.24 ng
RT: 14.15 min Scan# 1099
Delta R.T. 0.00 min
Lab File: BF085103.D
Acq: 1 Mar 2016 20:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.0	34.4
229	20.7	16.1	24.1





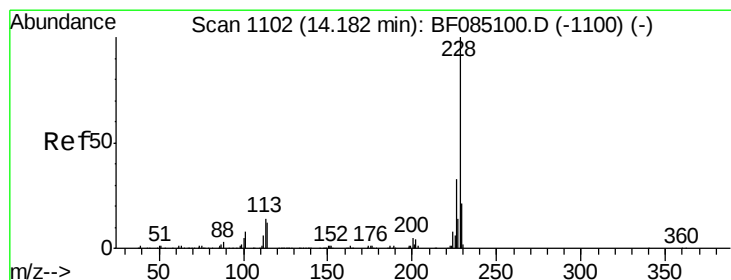
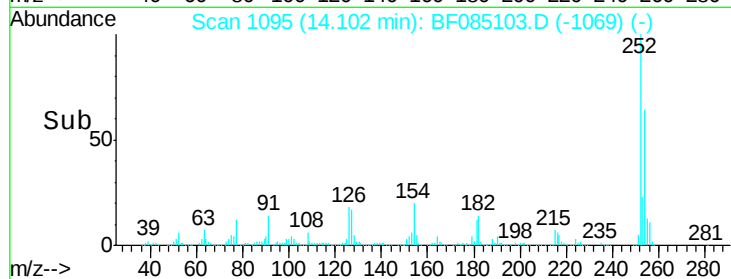
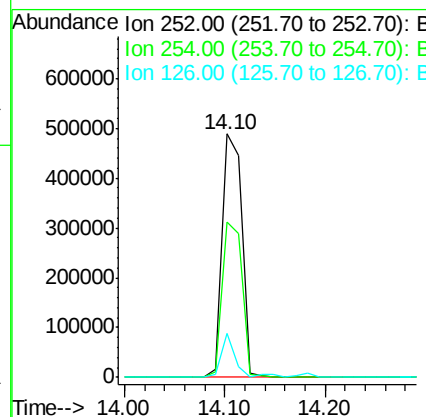
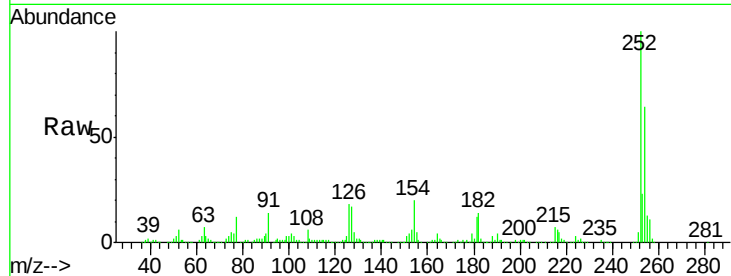
#81
 3,3'-Dichlorobenzidine
 Concen: 66.95 ng
 RT: 14.10 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF085103.D
 Acq: 1 Mar 2016 20:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.8	77.6
126	17.9	13.2	19.8

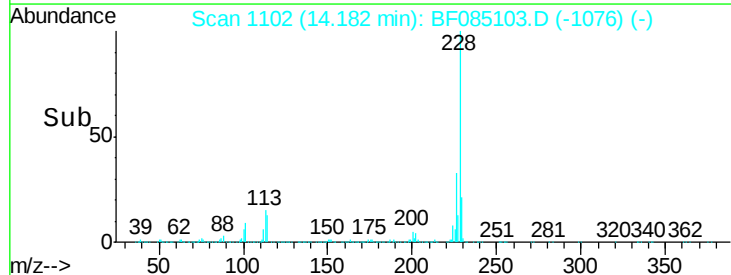
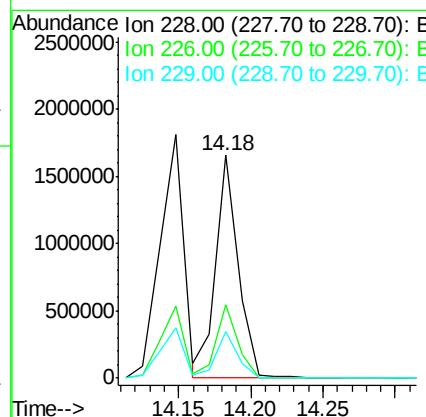
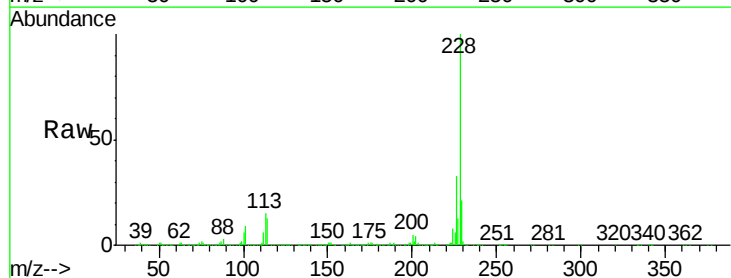
Manual Integrations
 APPROVED

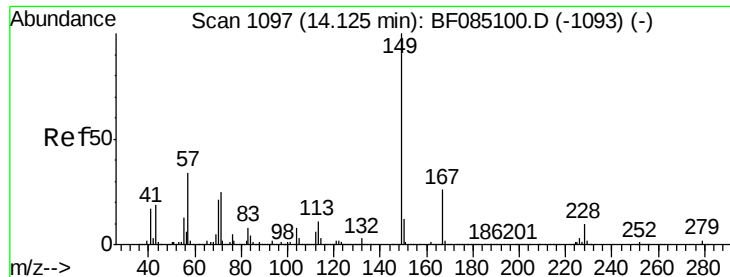
UMANGI
 3/2/2016 1:04:17 PM



#82
 Chrysene
 Concen: 71.38 ng m
 RT: 14.18 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BF085103.D
 Acq: 1 Mar 2016 20:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.9	26.2	39.4
229	20.7	16.5	24.7





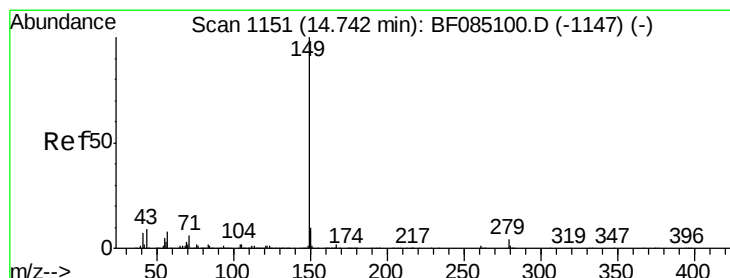
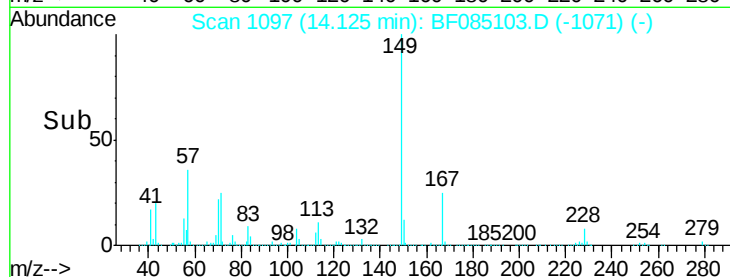
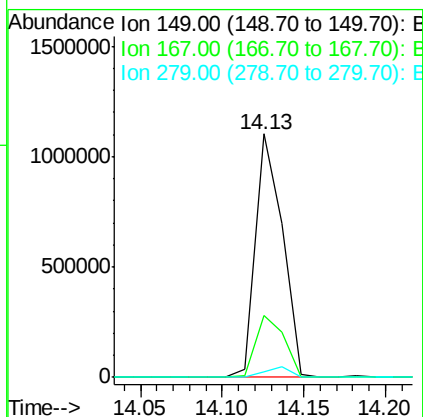
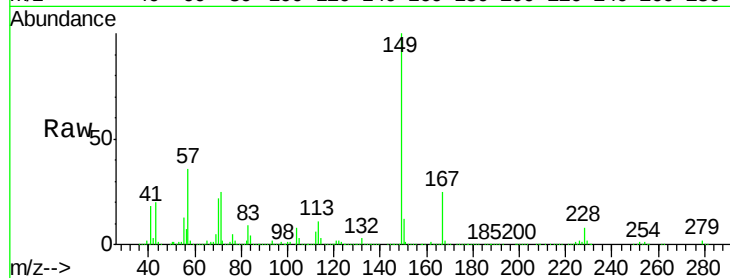
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 80.08 ng
 RT: 14.13 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF085103.D
 Acq: 1 Mar 2016 20:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.4	20.6	31.0
279	2.4	2.0	3.0

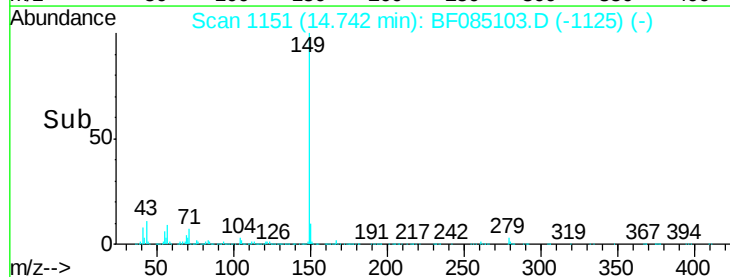
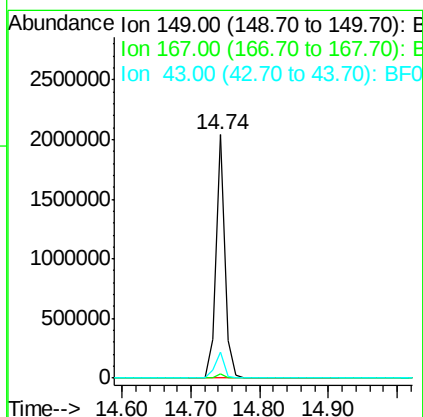
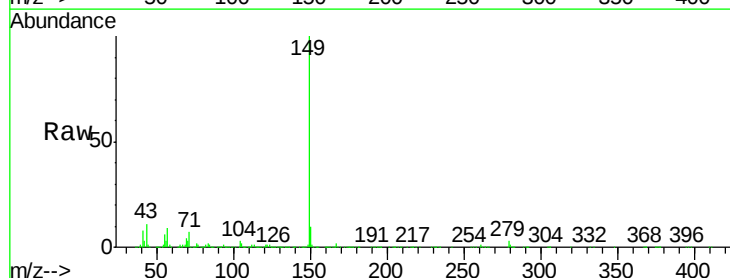
Manual Integrations
 APPROVED

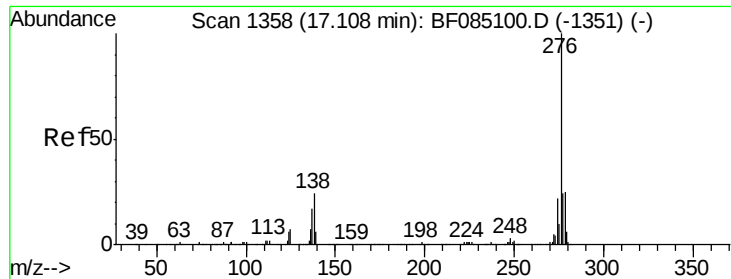
UMANGI
 3/2/2016 1:04:17 PM



#84
 Di-n-octyl phthalate
 Concen: 73.80 ng
 RT: 14.74 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF085103.D
 Acq: 1 Mar 2016 20:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.6	8.8	13.2





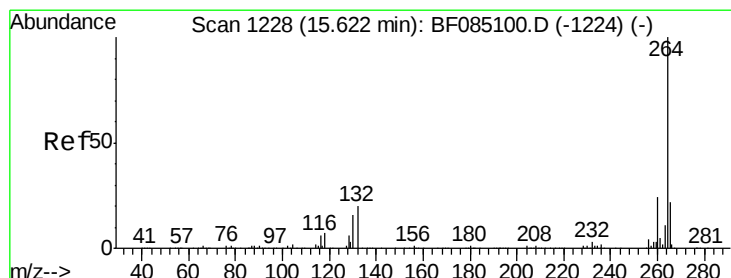
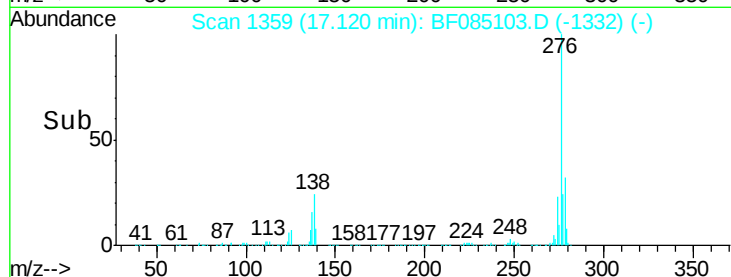
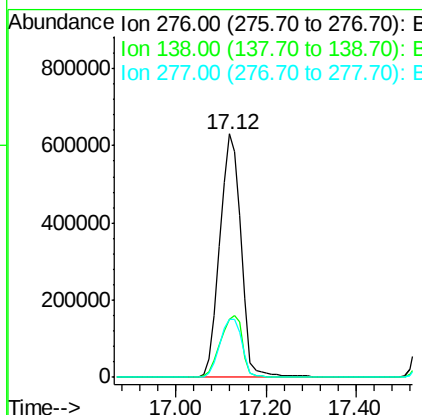
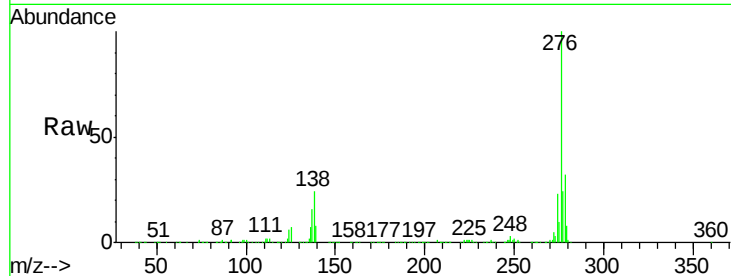
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 85.18 ng
 RT: 17.12 min Scan# 1359
 Delta R.T. 0.01 min
 Lab File: BF085103.D
 Acq: 1 Mar 2016 20:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.6	21.4	32.2
277	25.4	20.1	30.1

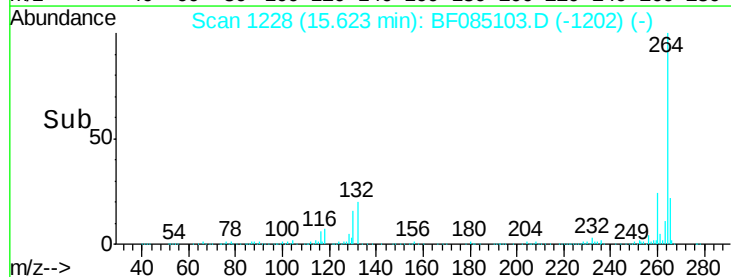
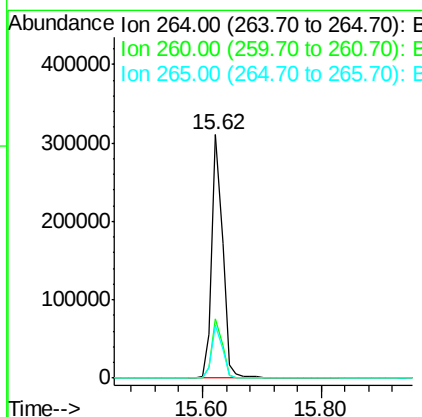
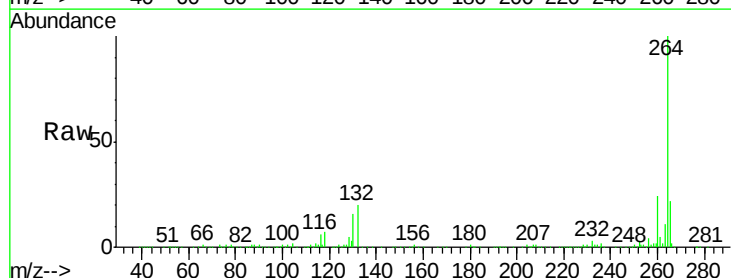
Manual Integrations
 APPROVED

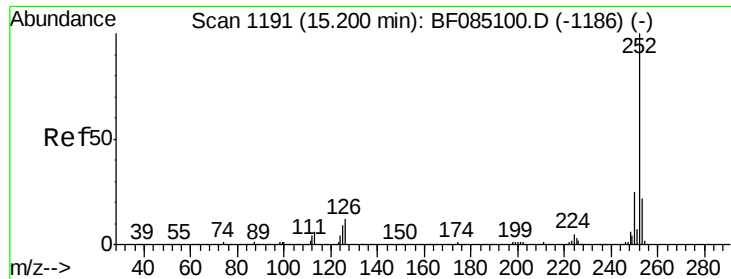
UMANGI
 3/2/2016 1:04:17 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.62 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF085103.D
 Acq: 1 Mar 2016 20:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	21.7	17.4	26.2





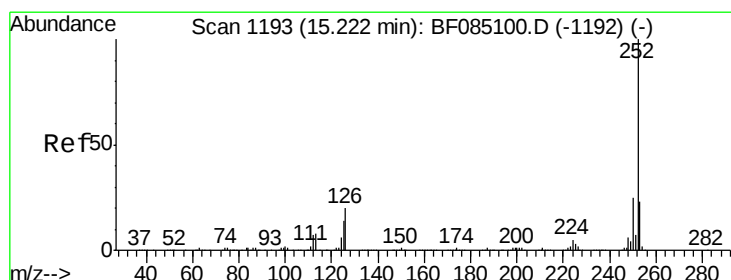
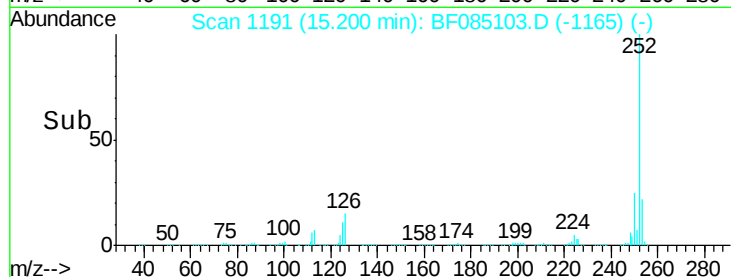
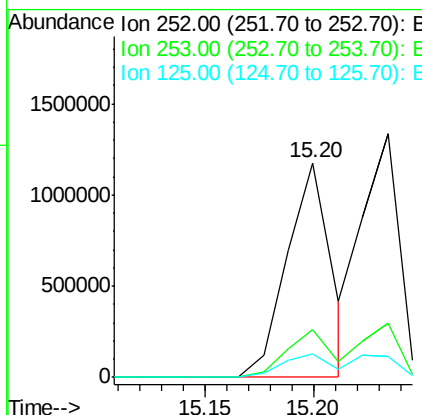
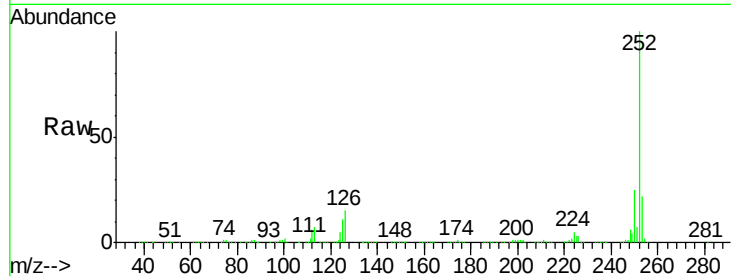
#87
Benzo(b)fluoranthene
Concen: 66.09 ng
RT: 15.20 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF085103.D
Acq: 1 Mar 2016 20:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	10.8	7.0	10.4

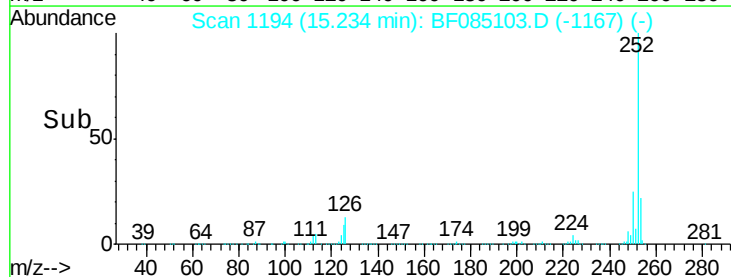
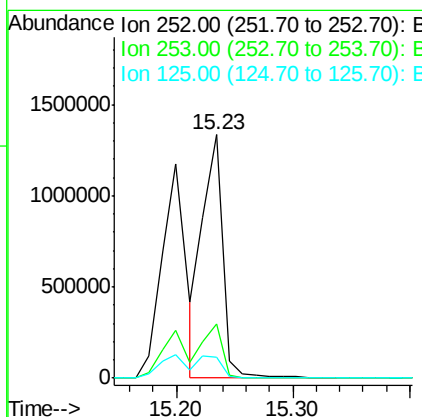
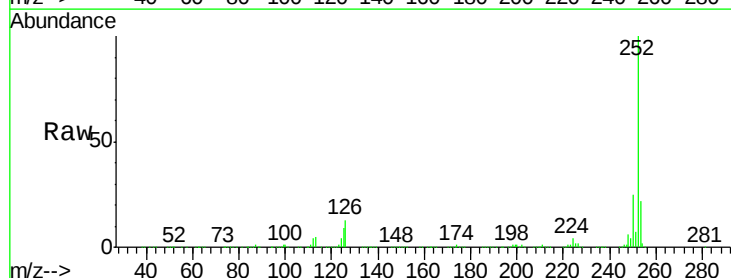
Manual Integrations
APPROVED

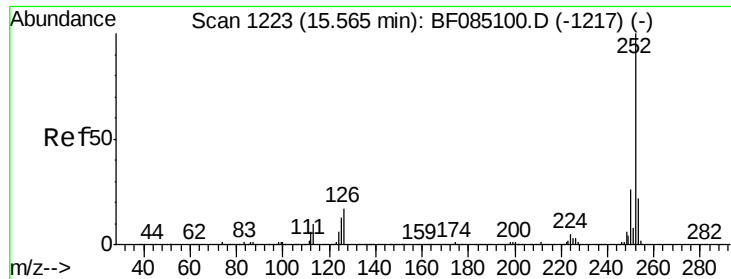
UMANGI
3/2/2016 1:04:17 PM



#88
Benzo(k)fluoranthene
Concen: 81.56 ng m
RT: 15.23 min Scan# 1194
Delta R.T. 0.01 min
Lab File: BF085103.D
Acq: 1 Mar 2016 20:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	8.6	11.1	16.7





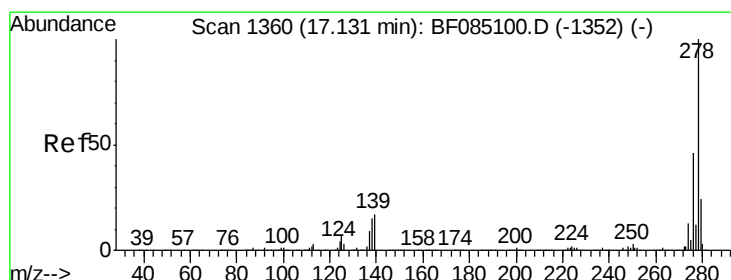
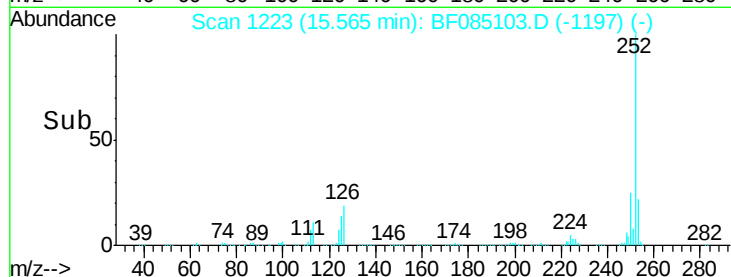
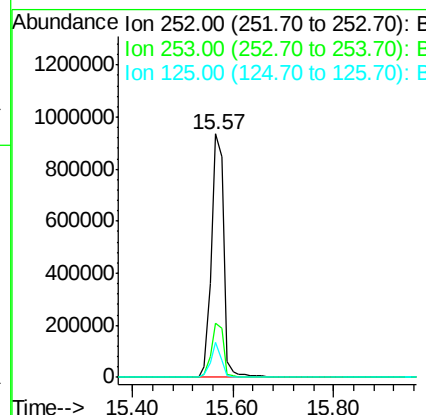
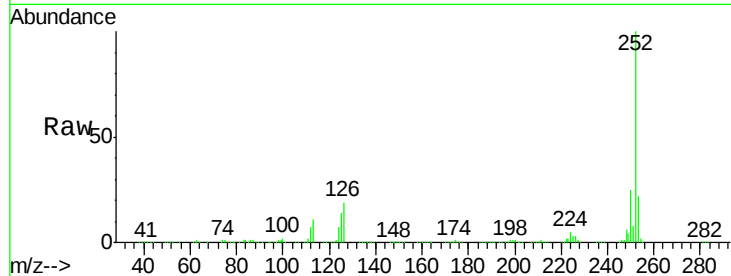
#89
Benzo(a)pyrene
Concen: 74.71 ng
RT: 15.57 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BF085103.D
Acq: 1 Mar 2016 20:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	14.3	10.2	15.2

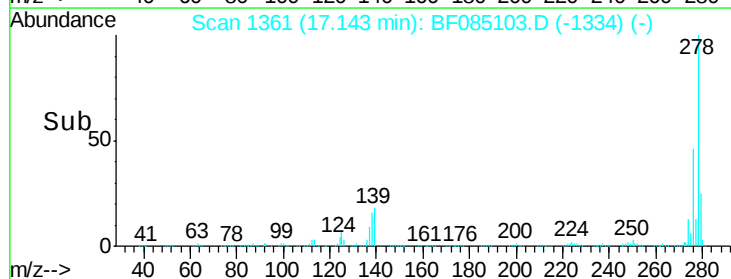
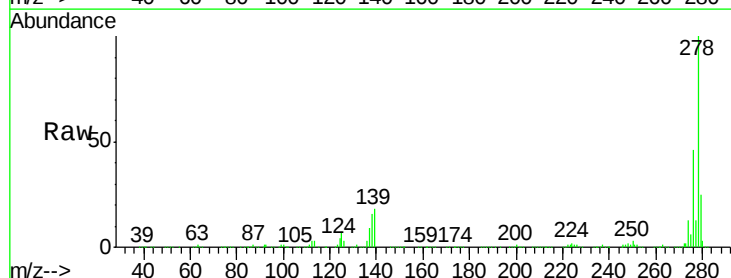
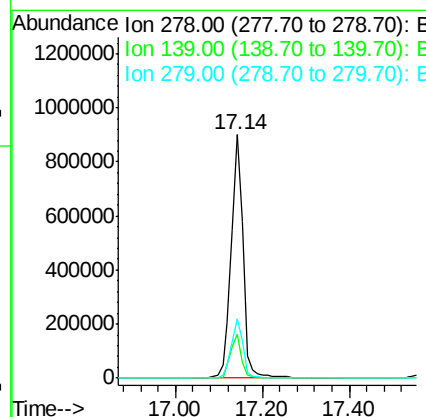
Manual Integrations
APPROVED

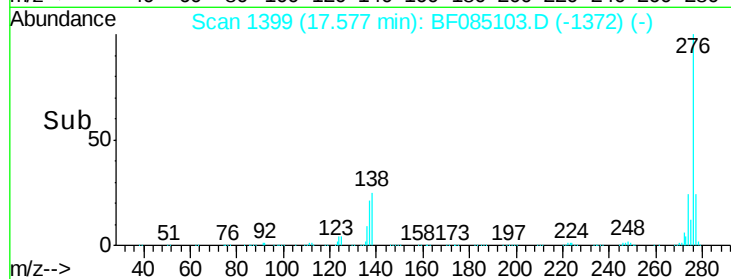
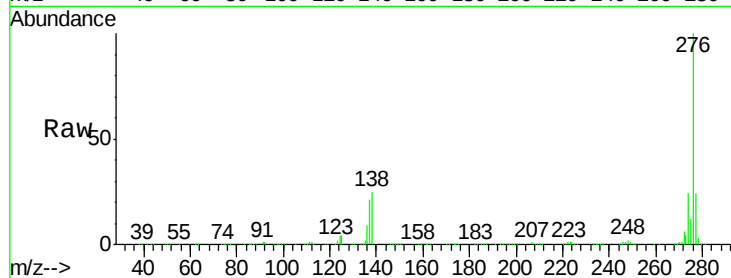
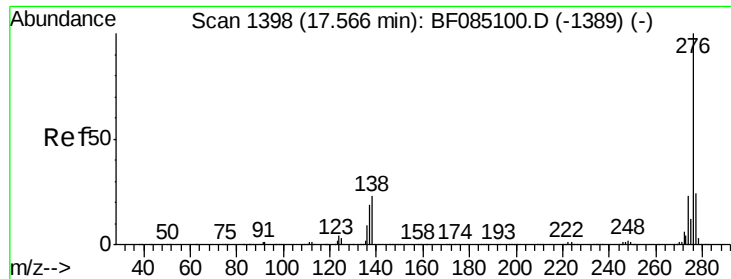
UMANGI
3/2/2016 1:04:17 PM



#90
Dibenzo(a,h)anthracene
Concen: 92.46 ng
RT: 17.14 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BF085103.D
Acq: 1 Mar 2016 20:57

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.1	13.6	20.4
279	24.5	19.3	28.9





#91

Benzo(g,h,i)perylene

Concen: 96.59 ng

RT: 17.58 min Scan# 1399

Delta R.T. 0.01 min

Lab File: BF085103.D

Acq: 1 Mar 2016 20:57

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion: 276 Resp: 1769796

Ion Ratio Lower Upper

276 100

277 24.3 19.0 28.4

138 24.8 18.1 27.1

Manual Integrations
APPROVED

UMANGI
3/2/2016 1:04:17 PM

