

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
 Data File : BF085128.D
 Acq On : 2 Mar 2016 19:23
 Operator : SJ/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

UMANGI
 3/3/2016 1:42:50 PM

Quant Time: Mar 03 04:17:46 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 13:25:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	164643	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	629018	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	314162	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	546043	20.00	ng	0.00
75) Chrysene-d12	14.16	240	344628	20.00	ng	0.00
86) Perylene-d12	15.64	264	397834	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	774163	76.34	ng	0.00
7) Phenol-d6	6.62	99	1049926	78.97	ng	0.00
23) Nitrobenzene-d5	7.56	82	920815	77.88	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	289182	91.60	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1474854	69.14	ng	0.00
78) Terphenyl-d14	13.10	244	1210266	82.38	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.69	88	193830	38.57	ng	98
3) Pyridine	3.48	79	547072	42.41	ng	98
4) n-Nitrosodimethylamine	3.41	42	214764	36.59	ng	93
6) Aniline	6.65	93	699423	37.07	ng	97
8) 2-Chlorophenol	6.78	128	482300	41.26	ng	92
9) Benzaldehyde	6.54	77	253894	38.90	ng	97
10) Phenol	6.63	94	662955	44.57	ng	96
11) bis(2-Chloroethyl)ether	6.72	93	409137	34.70	ng	92
12) 1,3-Dichlorobenzene	6.94	146	494206	39.36	ng	96
13) 1,4-Dichlorobenzene	7.01	146	472773	36.94	ng	98
14) 1,2-Dichlorobenzene	7.17	146	495402	43.97	ng	96
15) Benzyl Alcohol	7.13	79	408270	42.13	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.27	45	660093	37.99	ng	100
17) 2-Methylphenol	7.24	107	369686	37.75	ng	99
18) Hexachloroethane	7.51	117	185859	39.29	ng	91
19) n-Nitroso-di-n-propylamine	7.41	70	347526	39.67	ng	98
20) 3+4-Methylphenols	7.40	107	481651	41.15	ng	89
22) Acetophenone	7.41	105	669408	42.31	ng	# 89
24) Nitrobenzene	7.58	77	546010	44.52	ng	# 88
25) Isophorone	7.82	82	925225	40.91	ng	95
26) 2-Nitrophenol	7.89	139	217358	39.63	ng	# 68
27) 2,4-Dimethylphenol	7.92	122	407610	38.35	ng	93
28) bis(2-Chloroethoxy)methane	8.02	93	564162	45.23	ng	100
29) 2,4-Dichlorophenol	8.13	162	343672	39.30	ng	99
30) 1,2,4-Trichlorobenzene	8.22	180	398460	41.80	ng	99
31) Naphthalene	8.30	128	1218161	38.29	ng	99
32) Benzoic acid	8.04	122	298306	48.30	ng	97
33) 4-Chloroaniline	8.34	127	512182	40.73	ng	98
34) Hexachlorobutadiene	8.42	225	236717	42.81	ng	99
35) Caprolactam	8.72	113	120959	44.07	ng	# 86
36) 4-Chloro-3-methylphenol	8.82	107	423998	43.85	ng	91
37) 2-Methylnaphthalene	9.00	142	823609	42.36	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	372734	38.53	ng	99
40) Hexachlorocyclopentadiene	9.14	237	168334	30.56	ng	97

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
 Data File : BF085128.D
 Acq On : 2 Mar 2016 19:23
 Operator : SJ/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

UMANGI
 3/3/2016 1:42:50 PM

Quant Time: Mar 03 04:17:46 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 13:25:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	265830	40.81	ng	99
43) 2,4,5-Trichlorophenol	9.30	196	266909	42.76	ng	96
45) 1,1'-Biphenyl	9.45	154	1009990	36.22	ng	96
46) 2-Chloronaphthalene	9.48	162	765981	37.66	ng	95
47) 2-Nitroaniline	9.57	65	218008	34.14	ng	# 70
48) Acenaphthylene	9.90	152	1282423	42.42	ng	99
49) Dimethylphthalate	9.75	163	855186	36.71	ng	100
50) 2,6-Dinitrotoluene	9.82	165	206764	42.80	ng	# 67
51) Acenaphthene	10.07	154	784854	41.35	ng	100
52) 3-Nitroaniline	9.98	138	200231	34.89	ng	85
53) 2,4-Dinitrophenol	10.08	184	53071	36.93	ng	# 10
54) Dibenzofuran	10.24	168	1041997	42.29	ng	94
55) 4-Nitrophenol	10.13	139	144036	32.71	ng	# 53
56) 2,4-Dinitrotoluene	10.22	165	279915	43.01	ng	# 70
57) Fluorene	10.58	166	853945	44.07	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.36	232	208853	44.17	ng	94
59) Diethylphthalate	10.45	149	869926	38.97	ng	96
60) 4-Chlorophenyl-phenylether	10.57	204	416518	41.71	ng	95
61) 4-Nitroaniline	10.60	138	223060	41.47	ng	96
62) Azobenzene	10.73	77	882418	39.12	ng	96
64) 4,6-Dinitro-2-methylphenol	10.62	198	92728	31.22	ng	# 53
65) n-Nitrosodiphenylamine	10.69	169	667681	38.80	ng	99
66) 4-Bromophenyl-phenylether	11.06	248	269142	46.94	ng	# 90
67) Hexachlorobenzene	11.13	284	282381	43.63	ng	# 91
68) Atrazine	11.21	200	211136	40.21	ng	99
69) Pentachlorophenol	11.32	266	138972	36.59	ng	99
70) Phenanthrene	11.54	178	1141391	42.02	ng	99
71) Anthracene	11.59	178	1166966	38.26	ng	97
72) Carbazole	11.75	167	1062364	40.02	ng	97
73) Di-n-butylphthalate	12.08	149	1315511	41.64	ng	99
74) Fluoranthene	12.73	202	1112581	37.32	ng	95
76) Benzidine	12.85	184	471491	45.25	ng	99
77) Pyrene	12.96	202	1077730	45.81	ng	97
79) Butylbenzylphthalate	13.57	149	431944	43.36	ng	# 61
80) Benzo(a)anthracene	14.15	228	818811	40.92	ng	99
81) 3,3'-Dichlorobenzidine	14.11	252	310930	49.72	ng	# 97
82) Chrysene	14.19	228	834170	45.65	ng	98
83) Bis(2-ethylhexyl)phthalate	14.13	149	554176	48.18	ng	99
84) Di-n-octyl phthalate	14.75	149	936147	54.83	ng	99
85) Indeno(1,2,3-cd)pyrene	17.12	276	990785	64.13	ng	99
87) Benzo(b)fluoranthene	15.20	252	834554	34.45	ng	99
88) Benzo(k)fluoranthene	15.24	252	825011m	39.32	ng	
89) Benzo(a)pyrene	15.57	252	828408	40.66	ng	99
90) Dibenzo(a,h)anthracene	17.15	278	837606	45.64	ng	98
91) Benzo(g,h,i)perylene	17.58	276	786643	42.16	ng	98

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

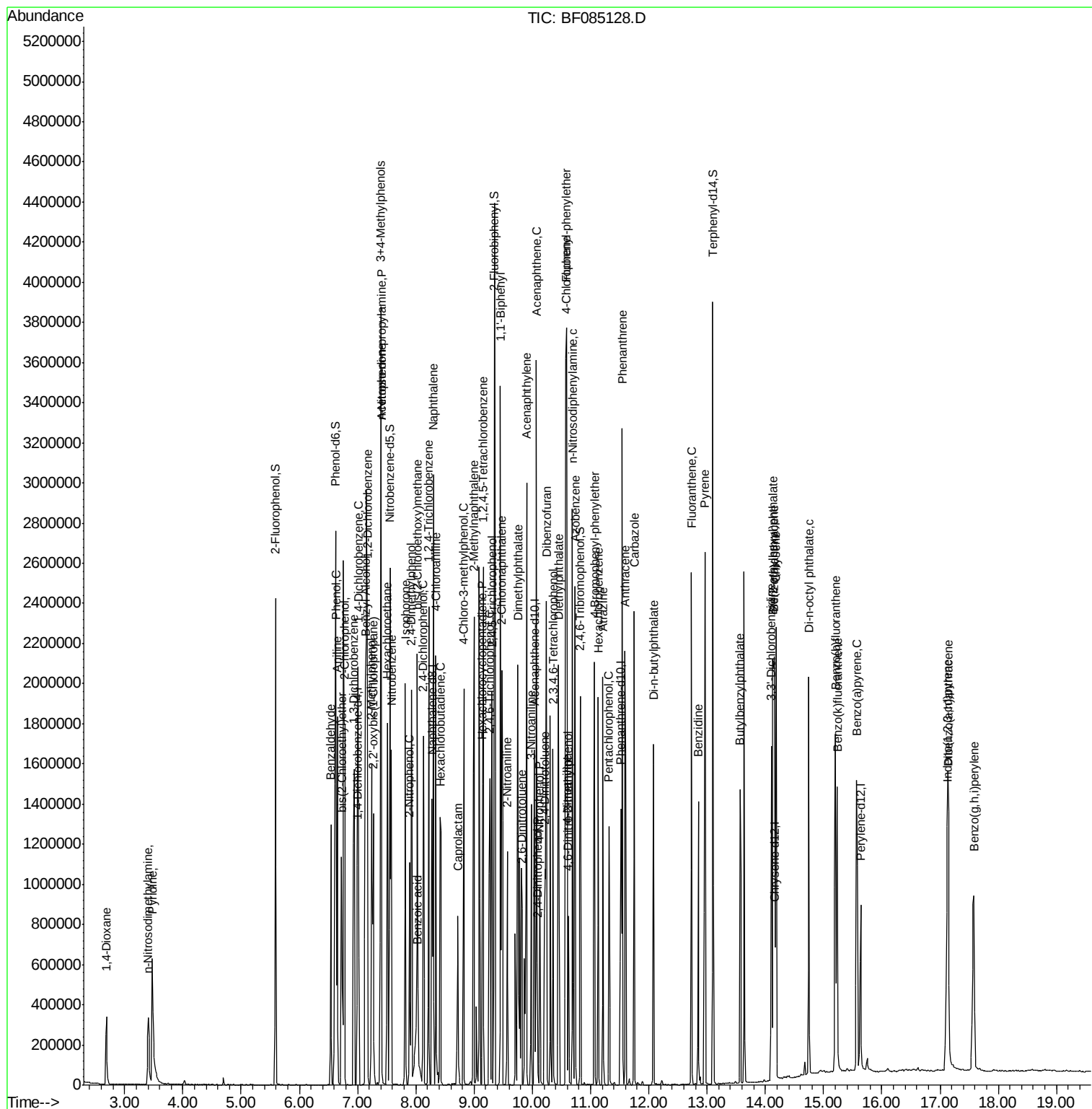
```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\  
Data File : BF085128.D  
Acq On    : 2 Mar 2016 19:23  
Operator  : SJ/IZ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2 Sample Multiplier: 1
```

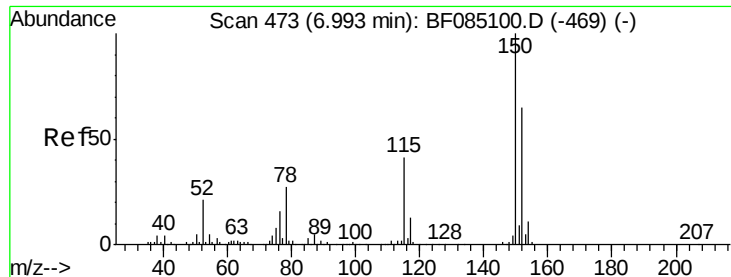
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

UMANGI
3/3/2016 1:42:50 PM

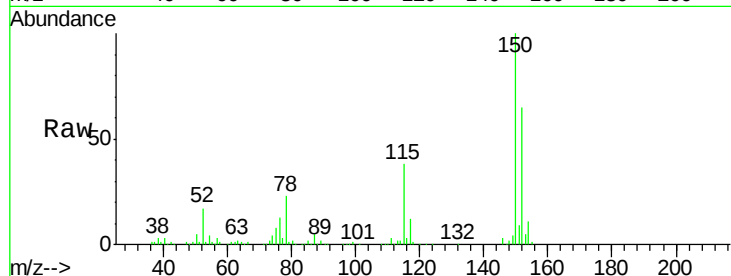
Quant Time: Mar 03 04:17:46 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 13:25:39 2016
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.00 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BF085128.D
 Acq: 2 Mar 2016 19:23

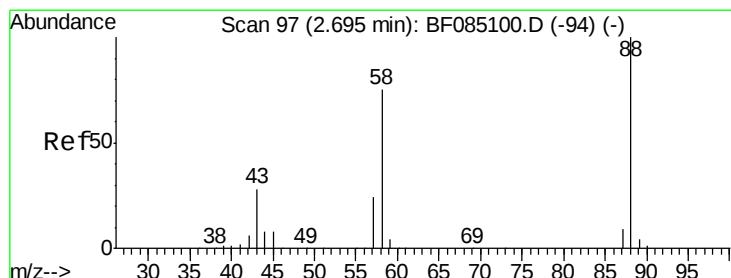
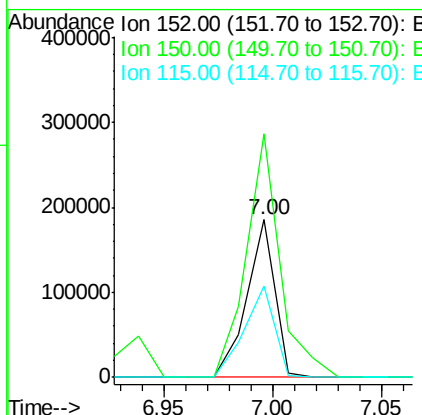
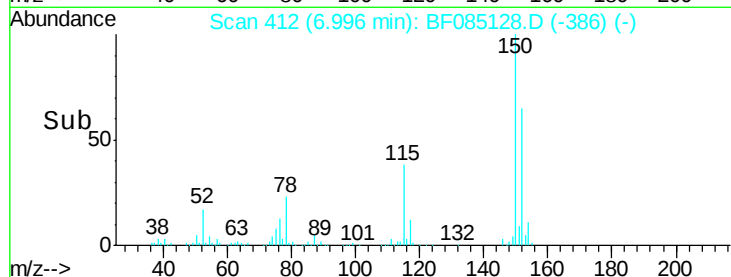
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.7	123.4	185.0
115	58.4	50.0	75.0

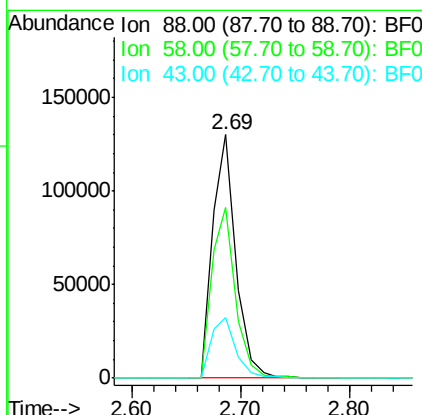
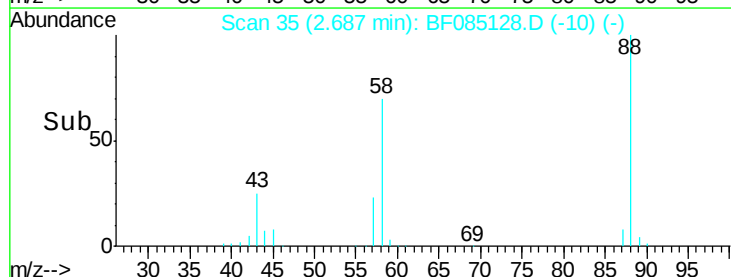
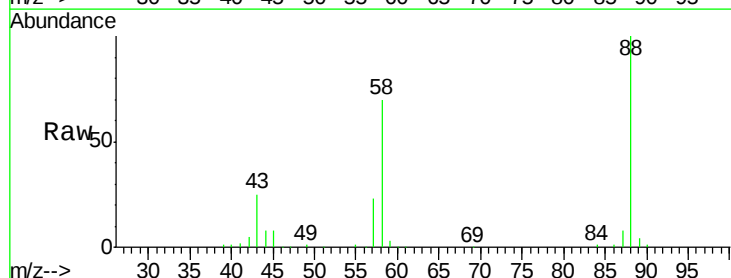
Manual Integrations
 APPROVED

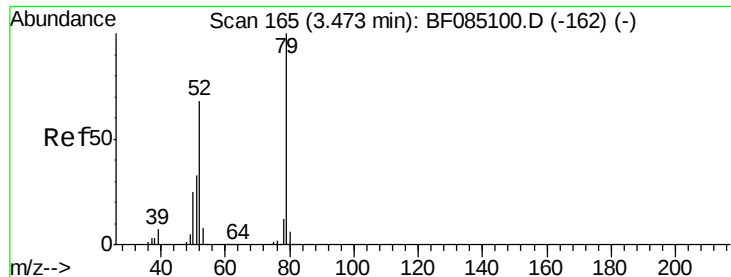
UMANGI
 3/3/2016 1:42:50 PM



#2
 1,4-Dioxane
 Concen: 38.57 ng
 RT: 2.69 min Scan# 35
 Delta R.T. -0.01 min
 Lab File: BF085128.D
 Acq: 2 Mar 2016 19:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.1	58.4	87.6
43	27.2	22.2	33.4





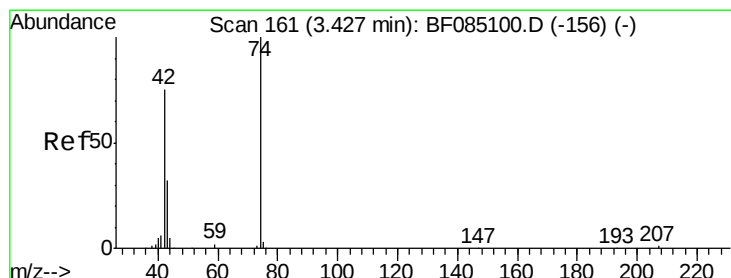
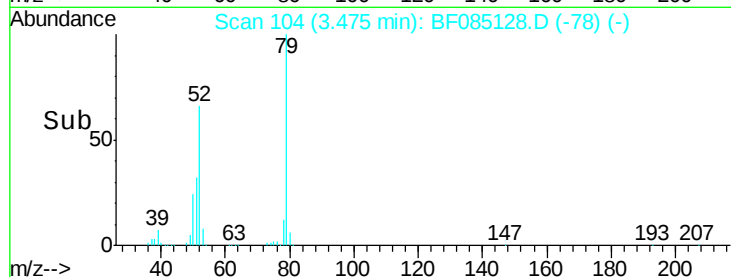
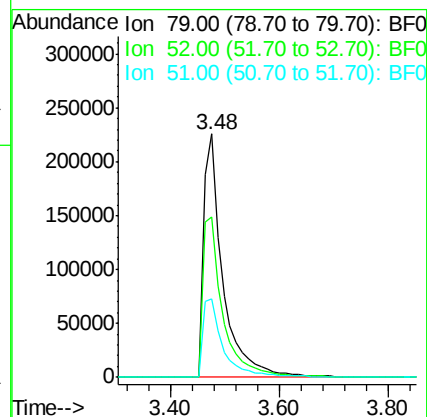
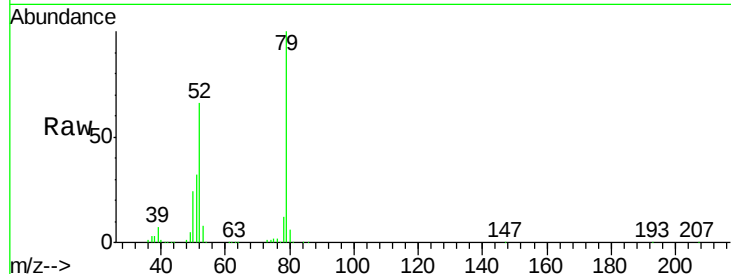
#3
 Pyridine
 Concen: 42.41 ng
 RT: 3.48 min Scan# 104
 Delta R.T. 0.00 min
 Lab File: BF085128.D
 Acq: 2 Mar 2016 19:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
79	100		
52	66.0	54.1	81.1
51	32.0	26.6	40.0

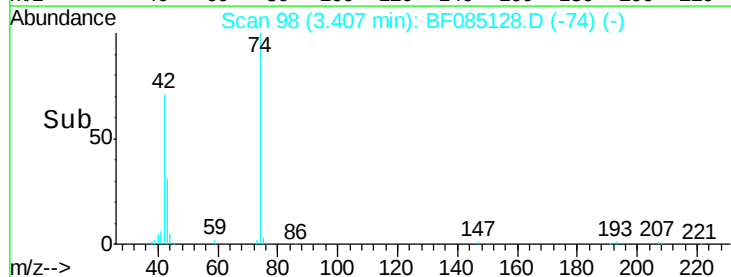
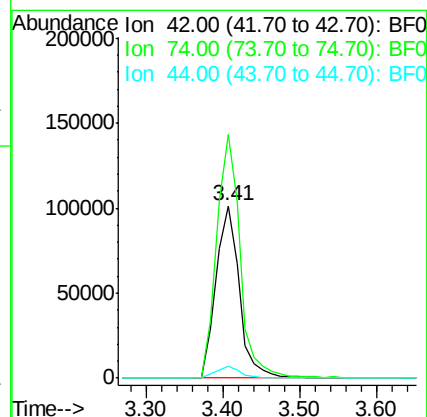
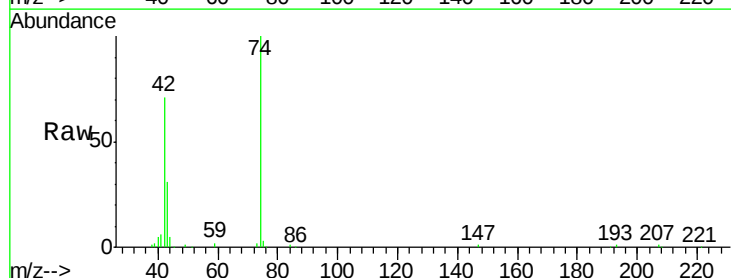
Manual Integrations
 APPROVED

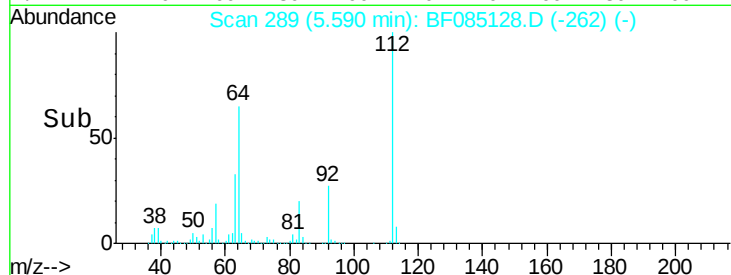
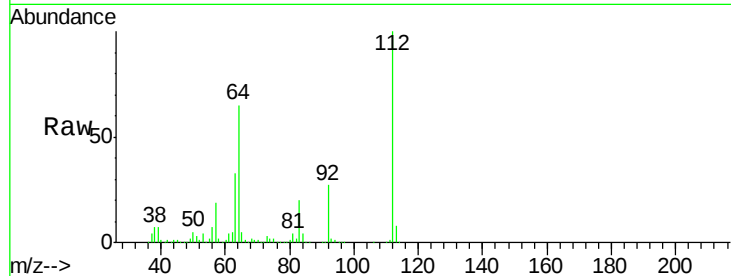
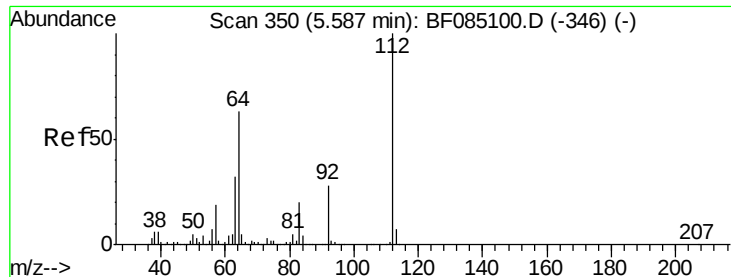
UMANGI
 3/3/2016 1:42:50 PM



#4
 n-Nitrosodimethylamine
 Concen: 36.59 ng
 RT: 3.41 min Scan# 98
 Delta R.T. -0.02 min
 Lab File: BF085128.D
 Acq: 2 Mar 2016 19:23

Tgt Ion	Ratio	Lower	Upper
42	100		
74	141.6	106.6	160.0
44	6.7	5.4	8.2





#5

2-Fluorophenol

Concen: 76.34 ng

RT: 5.59 min Scan# 289

Delta R.T. 0.00 min

Lab File: BF085128.D

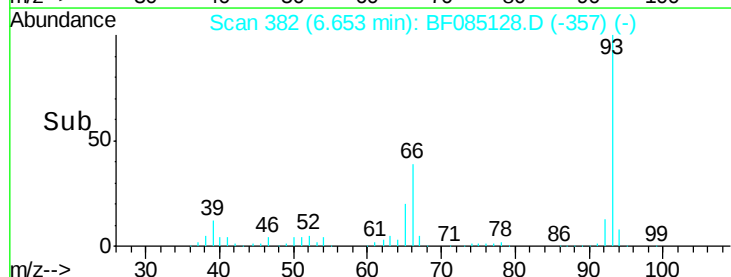
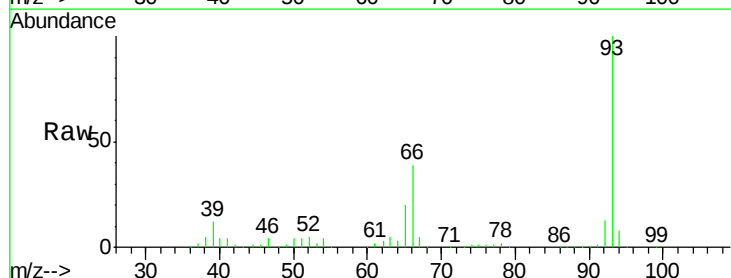
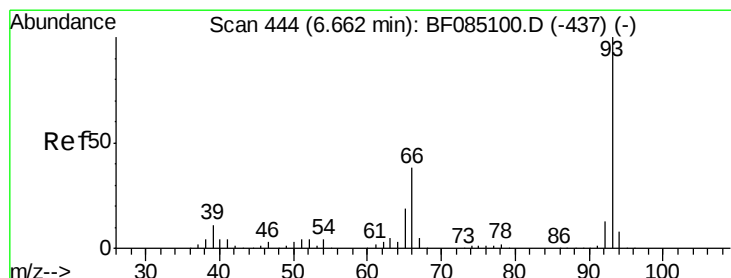
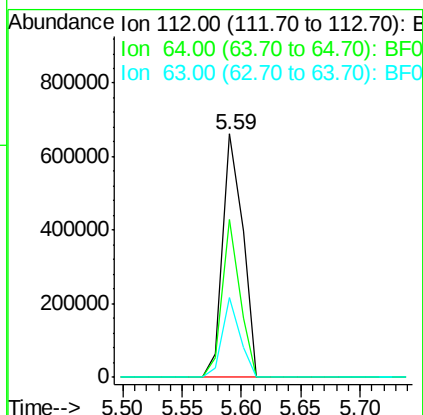
Acq: 2 Mar 2016 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	774163		
64	64.9	50.6	76.0	
63	32.8	25.5	38.3	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

UMANGI
3/3/2016 1:42:50 PM



#6

Aniline

Concen: 37.07 ng

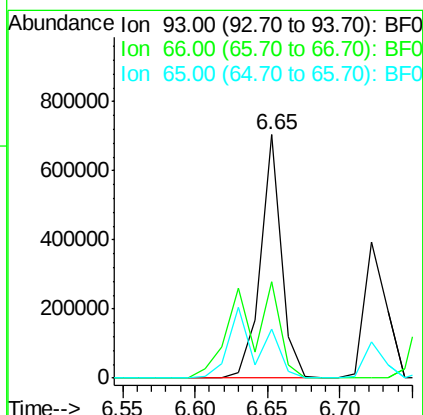
RT: 6.65 min Scan# 382

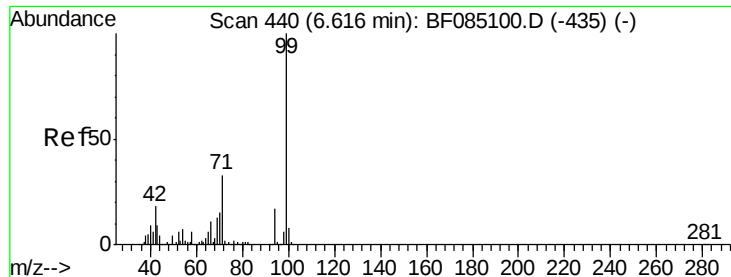
Delta R.T. -0.01 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	699423		
66	39.4	30.1	45.1	
65	20.0	15.0	22.6	





#7

Phenol-d6

Concen: 78.97 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085128.D

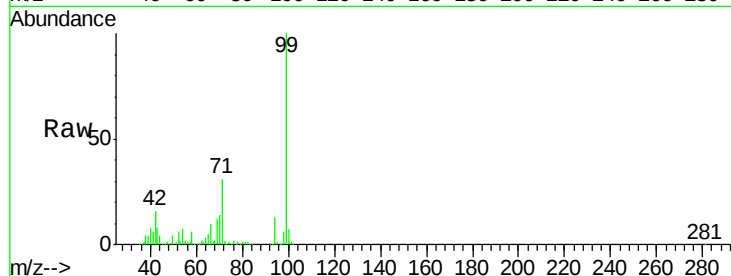
Acq: 2 Mar 2016 19:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 99 Resp: 1049926

Ion Ratio Lower Upper

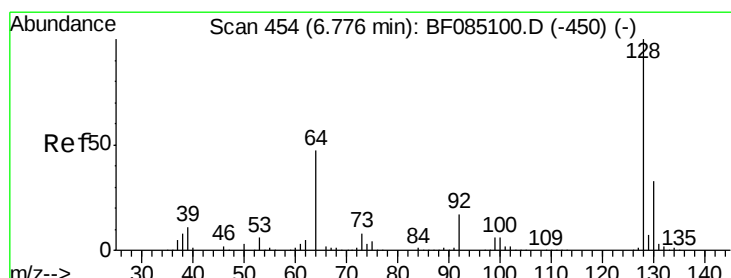
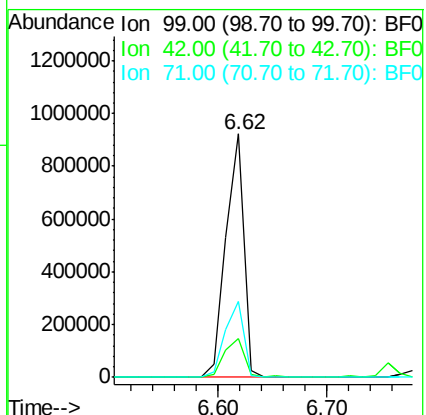
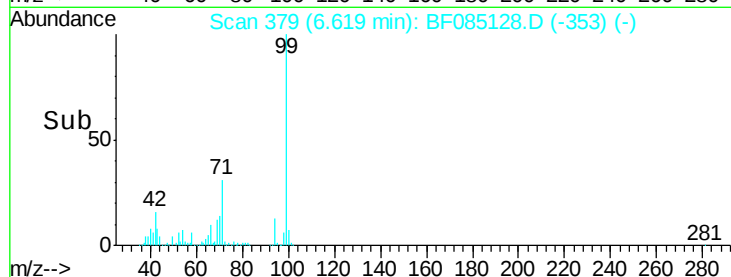
99 100

42 15.9 14.1 21.1

71 31.3 26.8 40.2

Manual Integrations
APPROVED

UMANGI
3/3/2016 1:42:50 PM



#8

2-Chlorophenol

Concen: 41.26 ng

RT: 6.78 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

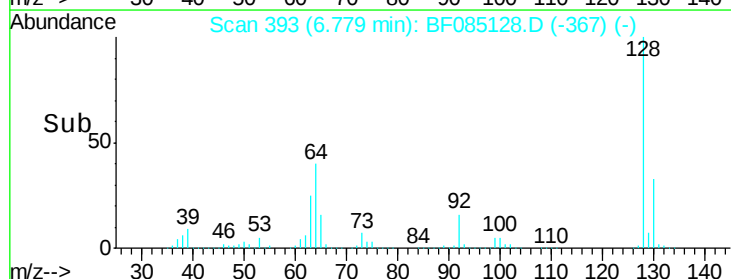
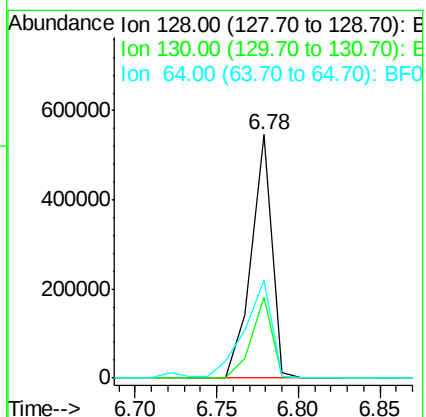
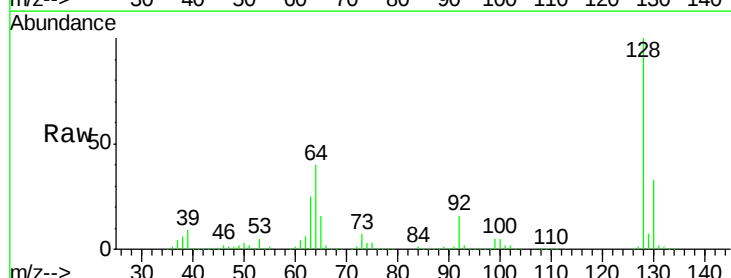
Tgt Ion: 128 Resp: 482300

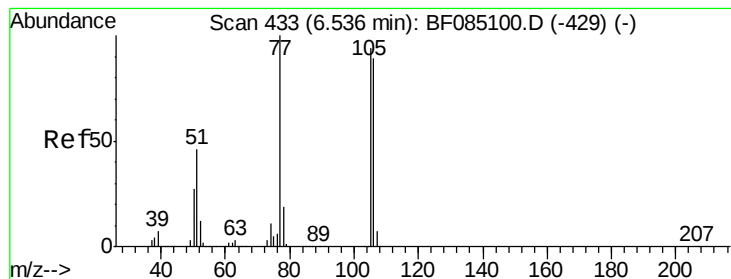
Ion Ratio Lower Upper

128 100

130 33.5 13.1 53.1

64 40.3 29.6 69.6





#9

Benzaldehyde

Concen: 38.90 ng

RT: 6.54 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF085128.D

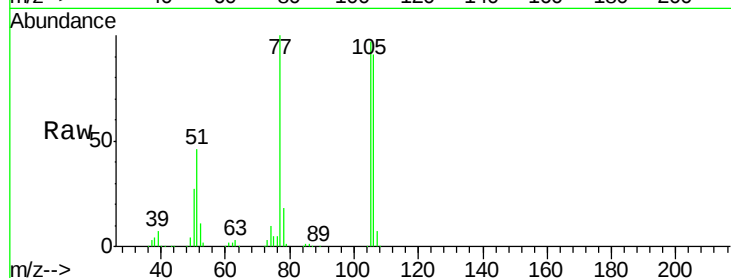
Acq: 2 Mar 2016 19:23

Instrument :

BNA_F

ClientSampleId :

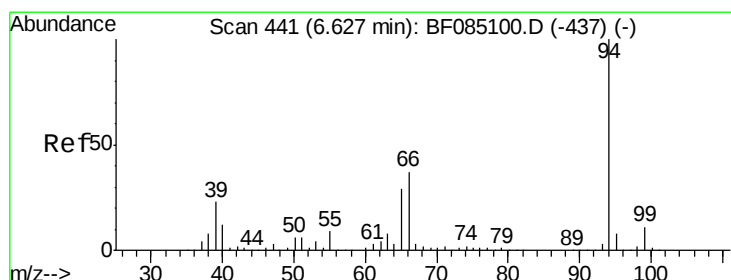
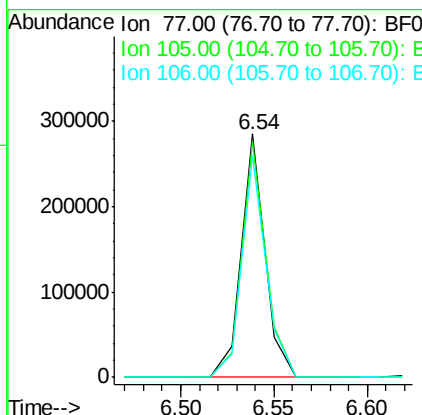
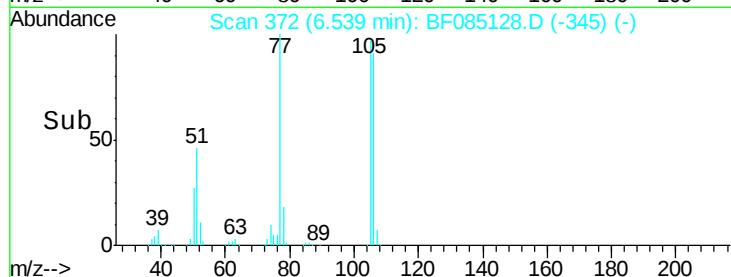
SSTDCCC040EC



Tgt Ion:	77	Resp:	253894
Ion Ratio	Lower	Upper	
77	100		
105	96.7	73.7	113.7
106	91.3	69.2	109.2

Manual Integrations
APPROVED

UMANGI
3/3/2016 1:42:50 PM



#10

Phenol

Concen: 44.57 ng

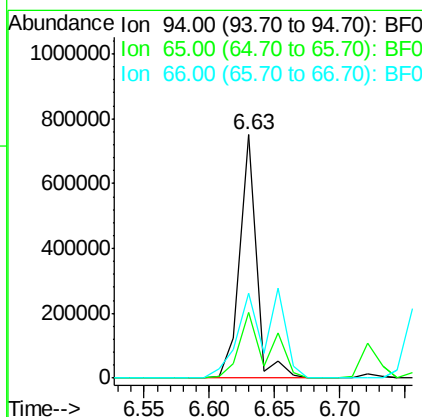
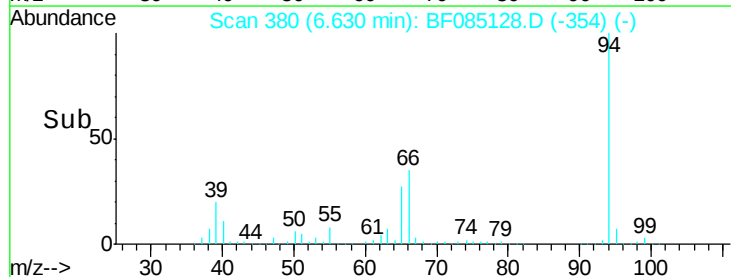
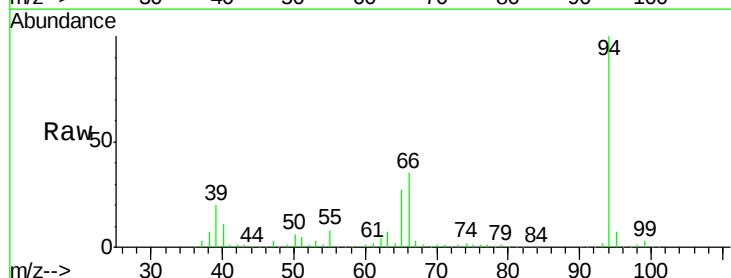
RT: 6.63 min Scan# 380

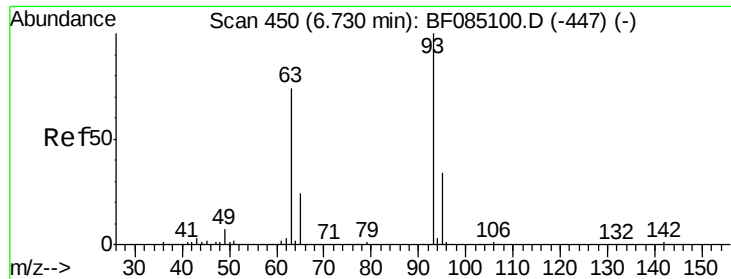
Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Tgt Ion:	94	Resp:	662955
Ion Ratio	Lower	Upper	
94	100		
65	27.1	9.1	49.1
66	34.6	17.5	57.5





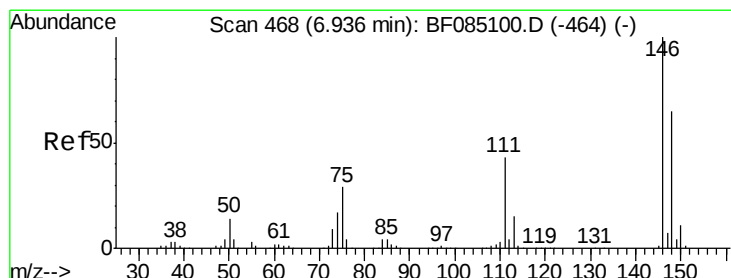
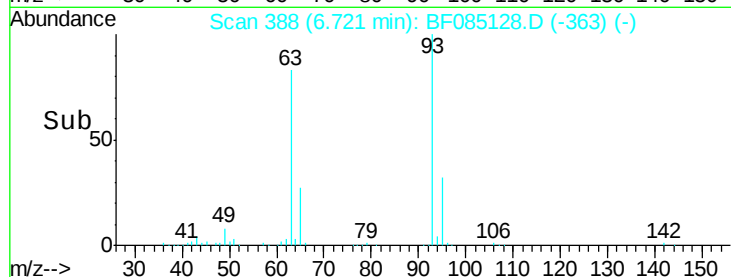
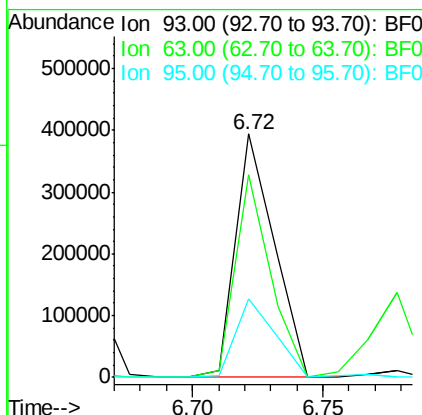
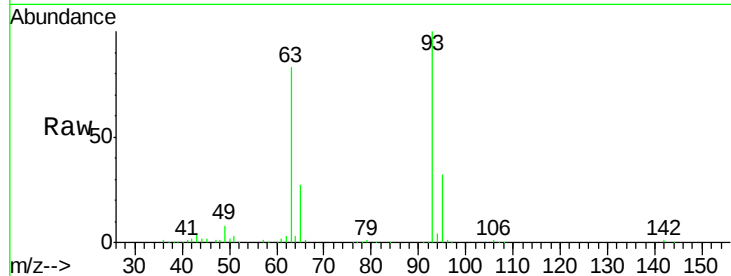
#11
bis(2-Chloroethyl)ether
Concen: 34.70 ng
RT: 6.72 min Scan# 388
Delta R.T. -0.01 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
93	100		
63	83.2	53.9	93.9
95	32.1	13.8	53.8

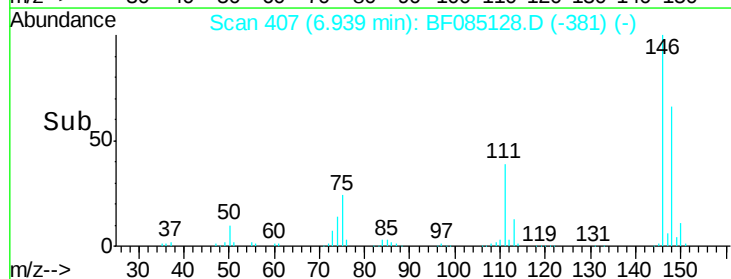
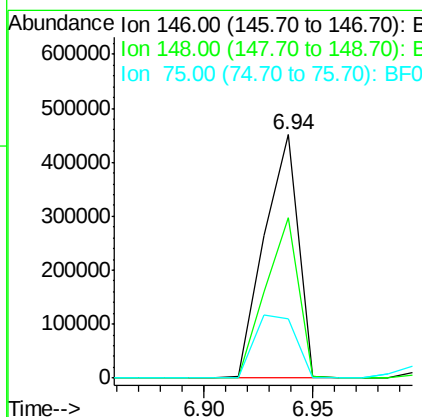
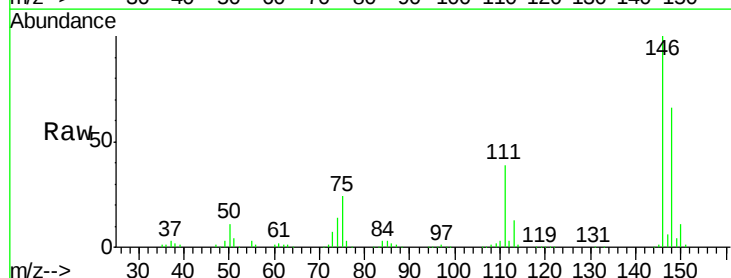
Manual Integrations
APPROVED

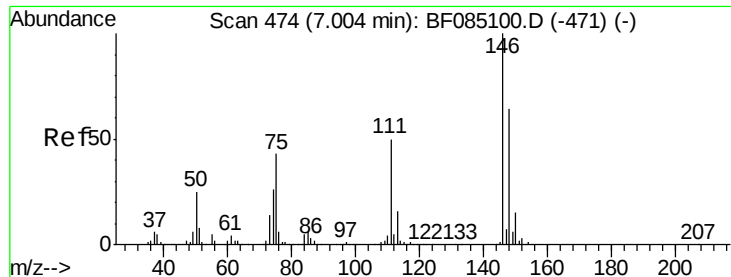
UMANGI
3/3/2016 1:42:50 PM



#12
1,3-Dichlorobenzene
Concen: 39.36 ng
RT: 6.94 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.9	77.9
75	24.2	23.3	34.9





#13

1,4-Dichlorobenzene

Concen: 36.94 ng

RT: 7.01 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Instrument :

BNA_F

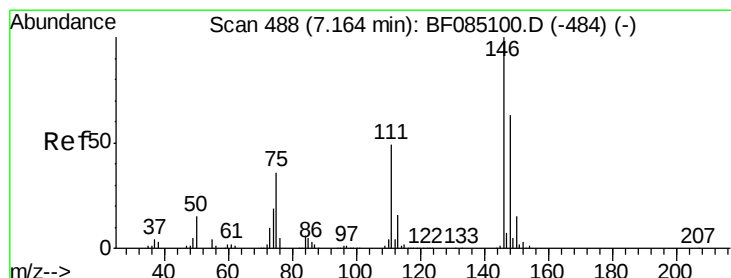
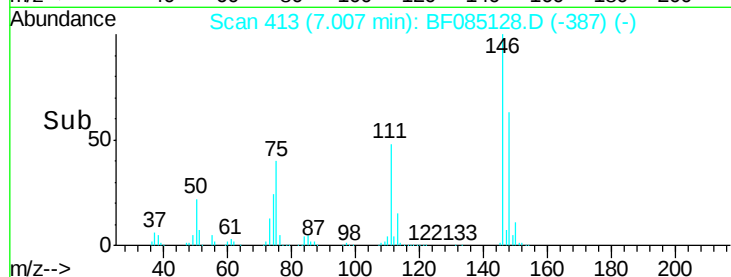
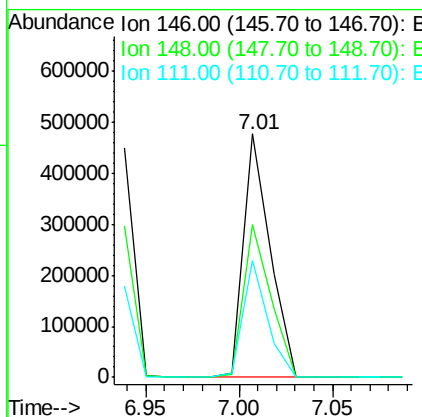
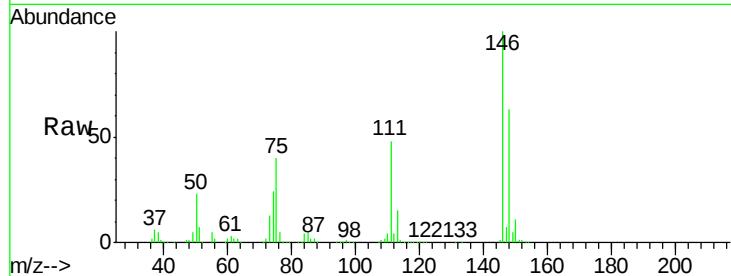
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	146	Resp:	472773
Ion Ratio	Lower	Upper	
146	100		
148	63.0	51.1	76.7
111	48.3	40.0	60.0

Manual Integrations
APPROVED

UMANGI
3/3/2016 1:42:50 PM



#14

1,2-Dichlorobenzene

Concen: 43.97 ng

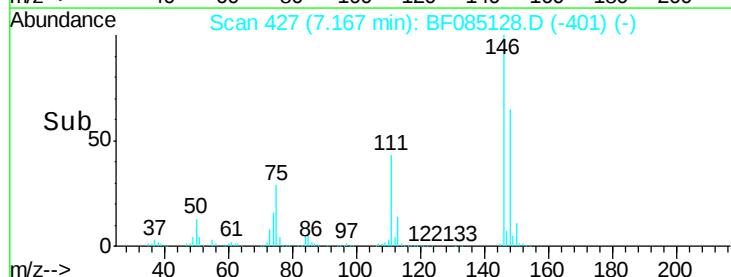
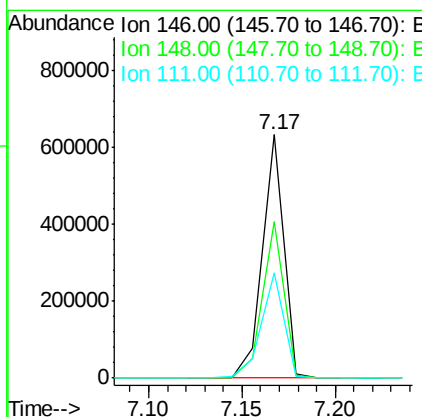
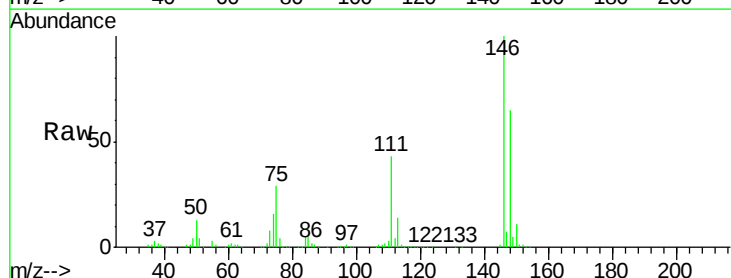
RT: 7.17 min Scan# 427

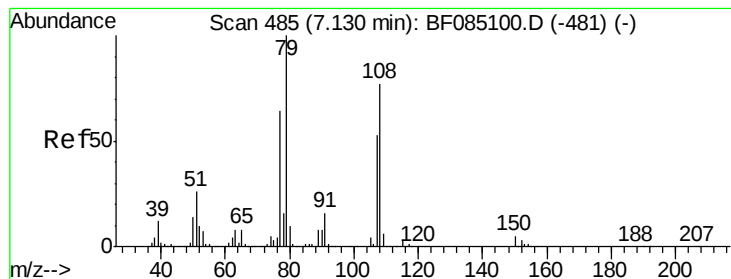
Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Tgt Ion:	146	Resp:	495402
Ion Ratio	Lower	Upper	
146	100		
148	64.5	50.5	75.7
111	43.4	38.9	58.3





#15

Benzyl Alcohol

Concen: 42.13 ng

RT: 7.13 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Instrument :

BNA_F

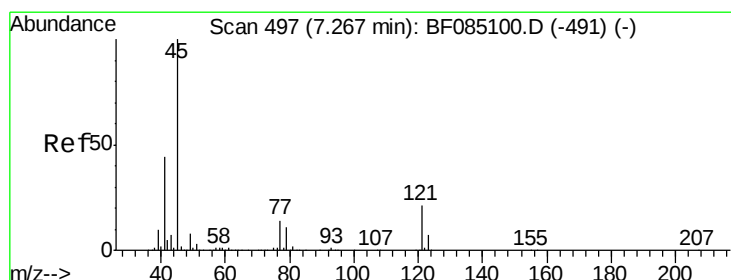
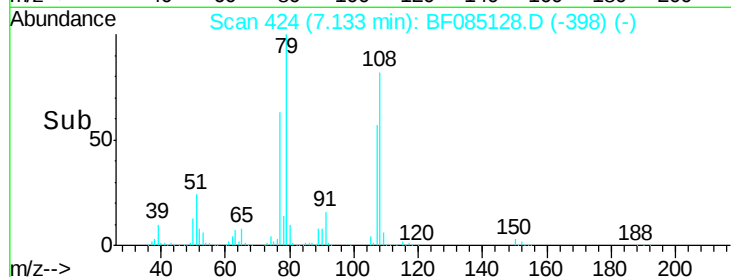
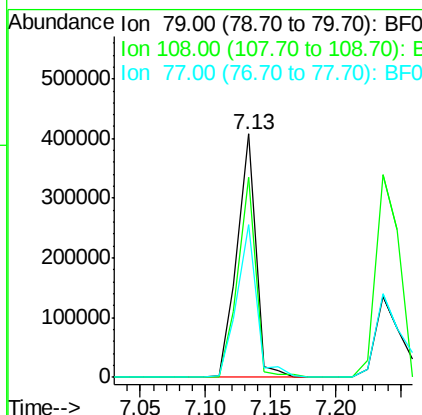
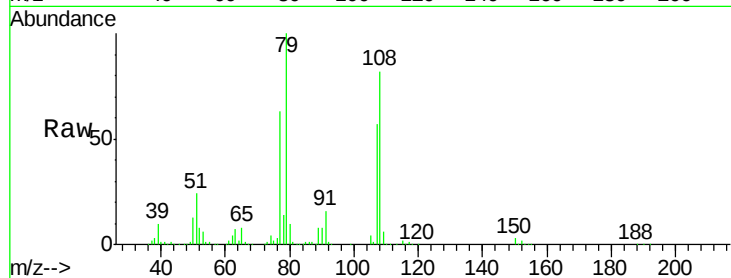
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	79	Resp:	408270
Ion Ratio	Lower	Upper	
79	100		
108	82.4	61.8	92.6
77	62.8	51.2	76.8

Manual Integrations
APPROVED

UMANGI
3/3/2016 1:42:50 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.99 ng

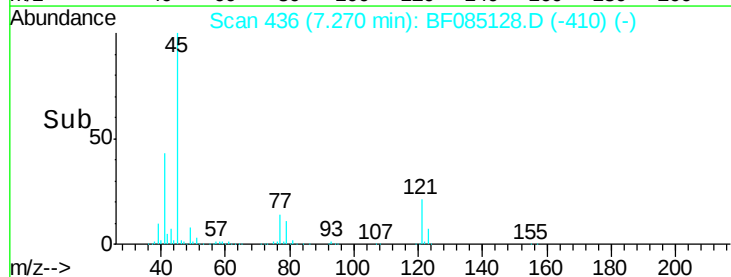
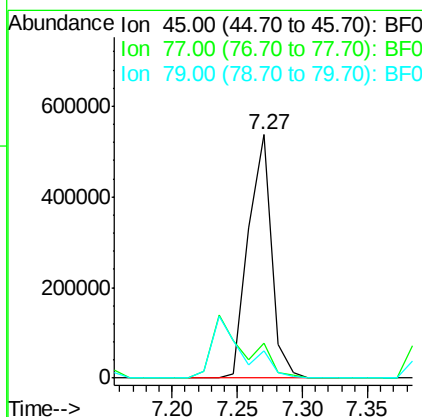
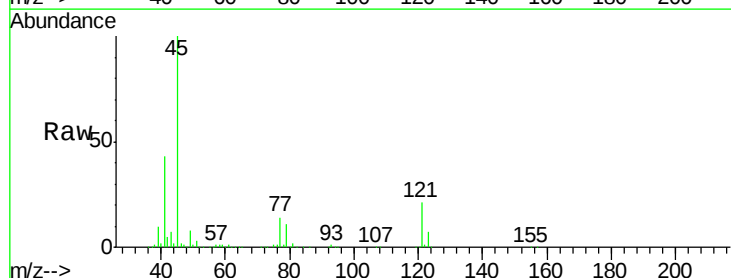
RT: 7.27 min Scan# 436

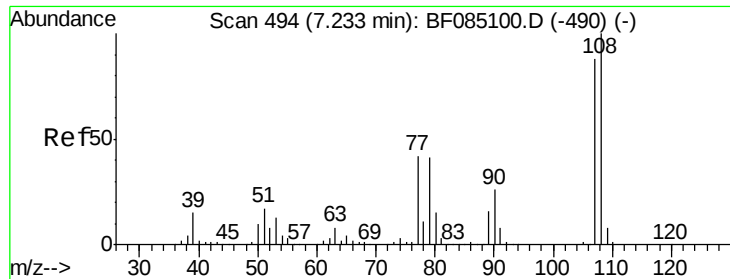
Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Tgt Ion:	45	Resp:	660093
Ion Ratio	Lower	Upper	
45	100		
77	14.3	0.0	34.4
79	11.0	0.0	31.1





#17

2-Methylphenol

Concen: 37.75 ng

RT: 7.24 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF085128.D

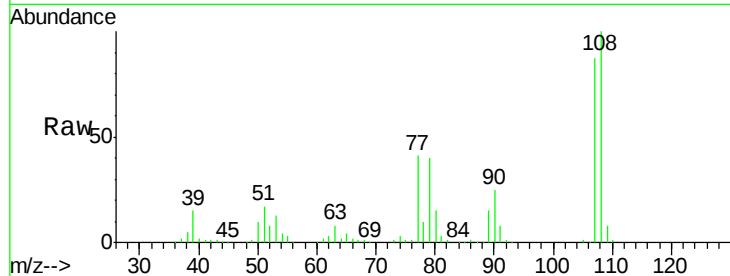
Acq: 2 Mar 2016 19:23

Instrument :

BNA_F

ClientSampleId :

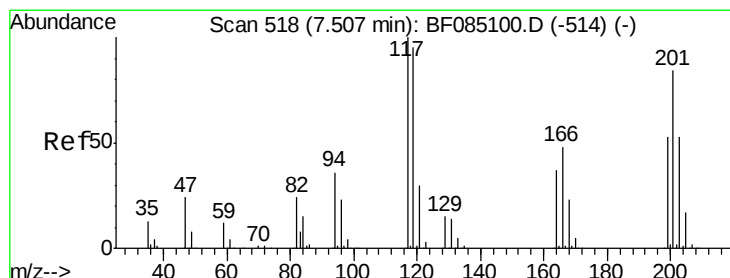
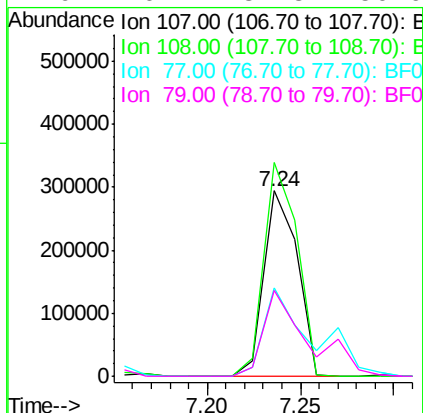
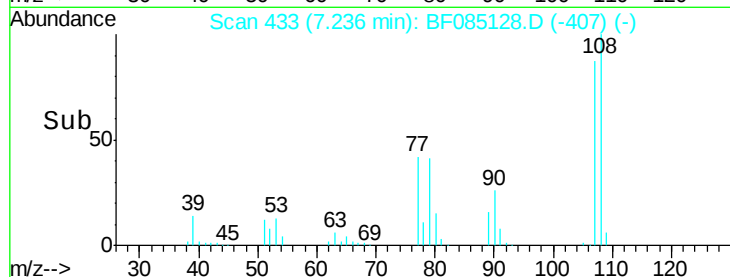
SSTDCCC040EC



Tgt Ion:	107	Resp:	369686
Ion Ratio	Lower	Upper	
107	100		
108	115.1	91.4	137.2
77	47.7	38.7	58.1
79	46.4	37.8	56.6

Manual Integrations
APPROVED

UMANGI
3/3/2016 1:42:50 PM



#18

Hexachloroethane

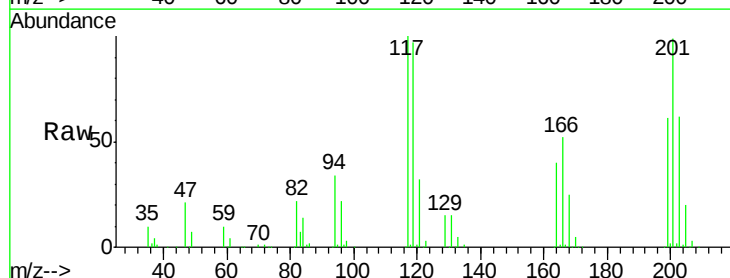
Concen: 39.29 ng

RT: 7.51 min Scan# 457

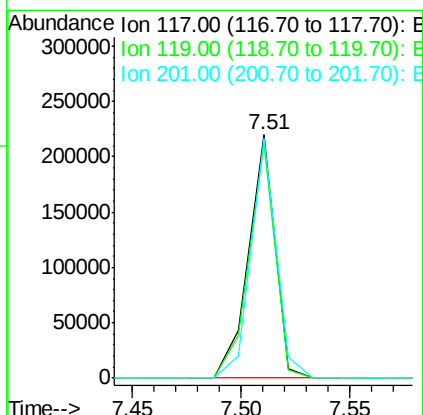
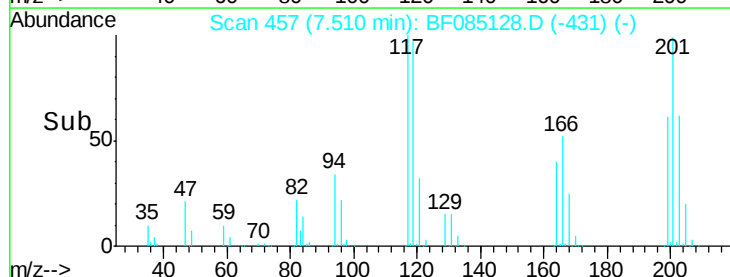
Delta R.T. 0.00 min

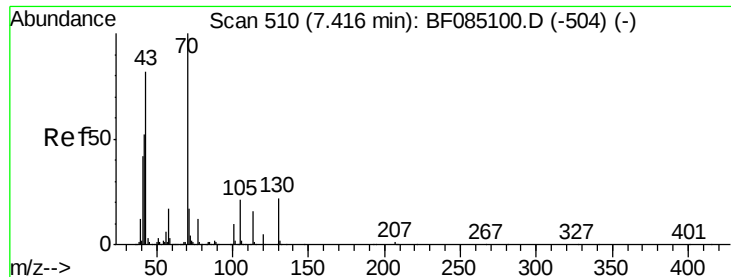
Lab File: BF085128.D

Acq: 2 Mar 2016 19:23



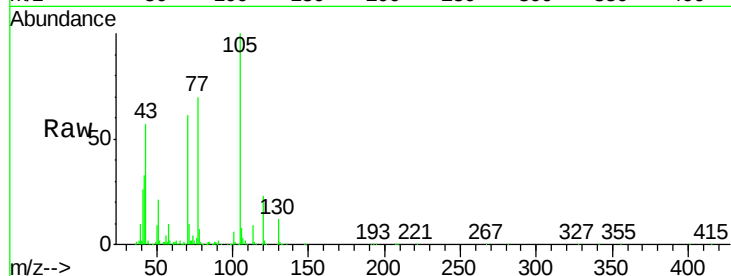
Tgt Ion:	117	Resp:	185859
Ion Ratio	Lower	Upper	
117	100		
119	96.6	76.2	114.4
201	98.7	66.8	100.2





#19
n-Nitroso-di-n-propylamine
Concen: 39.67 ng
RT: 7.41 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

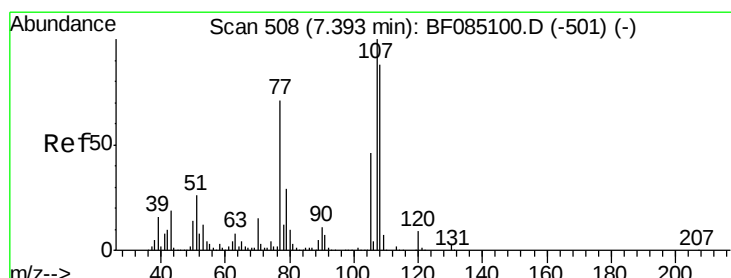
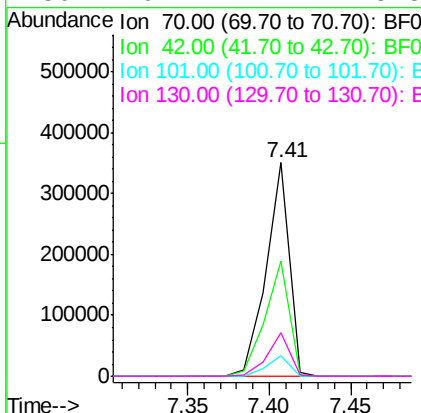
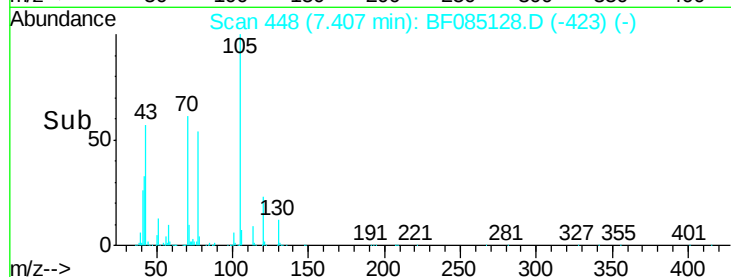
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion	Ratio	Lower	Upper
70	100		
42	53.8	41.9	62.9
101	9.5	7.8	11.8
130	20.1	17.2	25.8

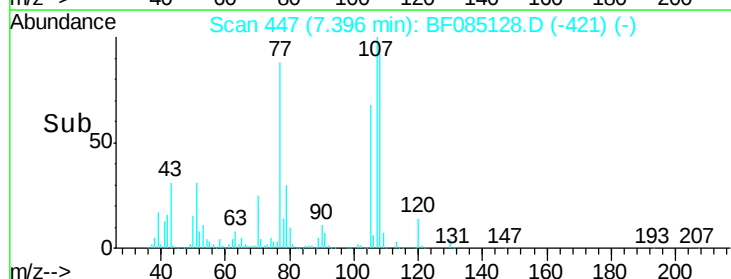
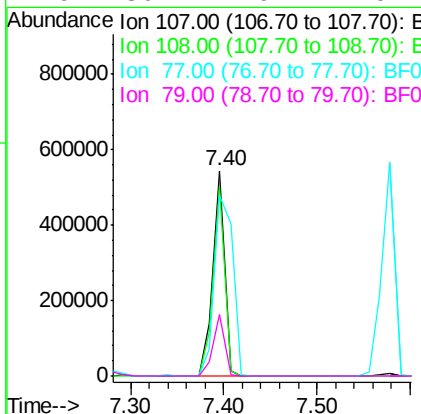
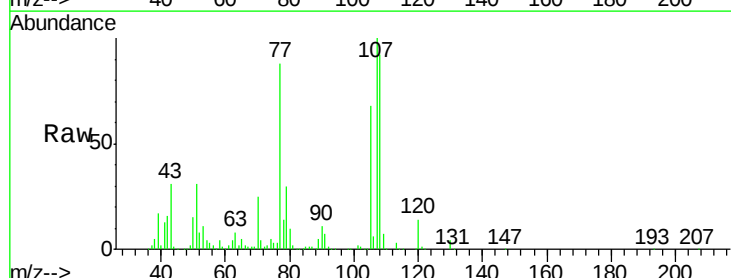
Manual Integrations
APPROVED

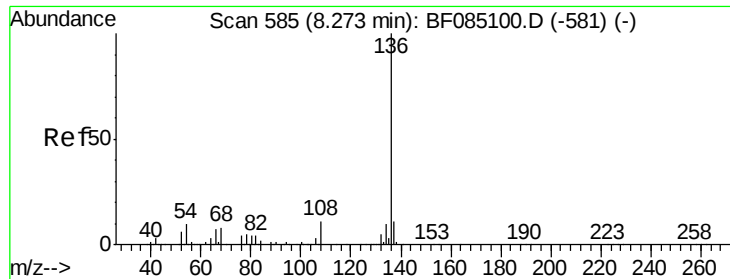
UMANGI
3/3/2016 1:42:50 PM



#20
3+4-Methylphenols
Concen: 41.15 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.3	67.8	107.8
77	88.4	50.6	90.6
79	30.1	9.1	49.1





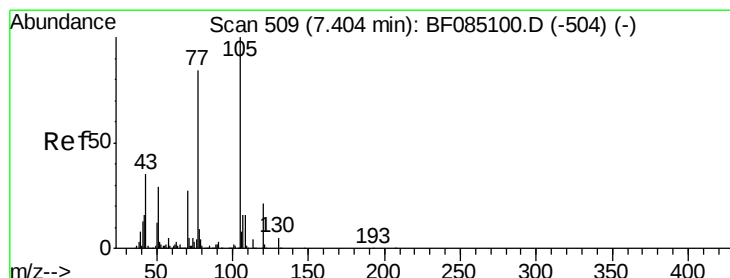
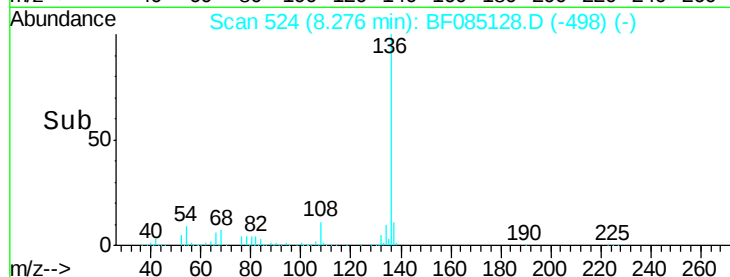
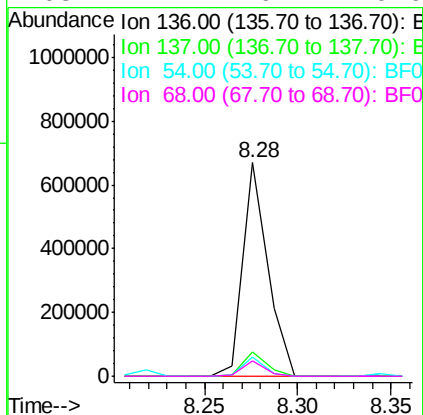
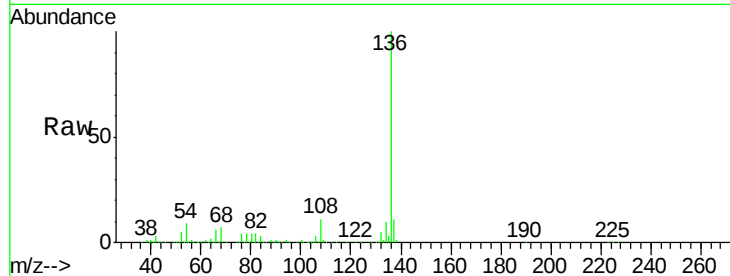
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.4	9.1	13.7
54	9.1	8.5	12.7
68	7.4	6.4	9.6

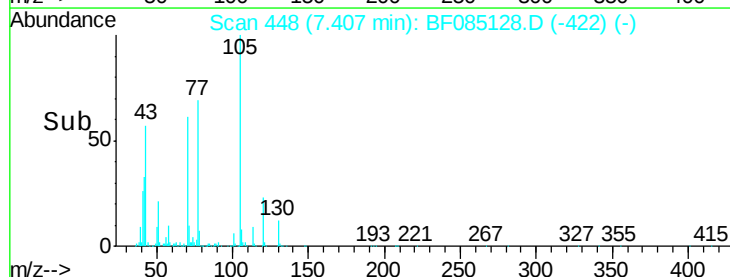
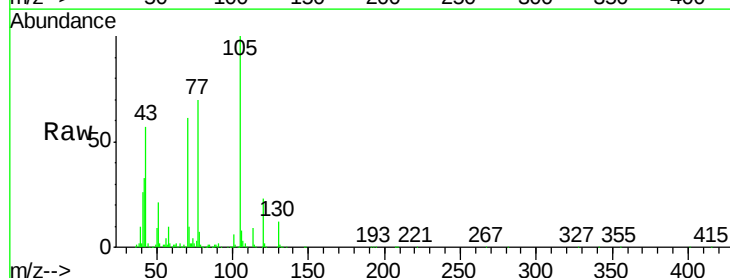
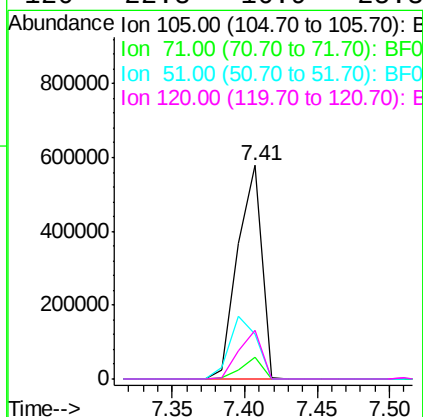
Manual Integrations
APPROVED

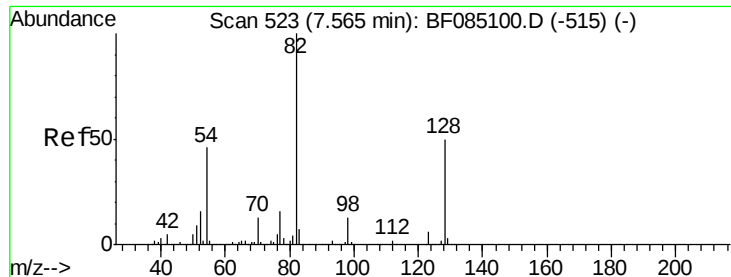
UMANGI
3/3/2016 1:42:50 PM



#22
Acetophenone
Concen: 42.31 ng
RT: 7.41 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	10.1	3.8	5.6#
51	20.8	22.9	34.3#
120	22.8	16.9	25.3





#23

Nitrobenzene-d5

Concen: 77.88 ng

RT: 7.56 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Instrument :

BNA_F

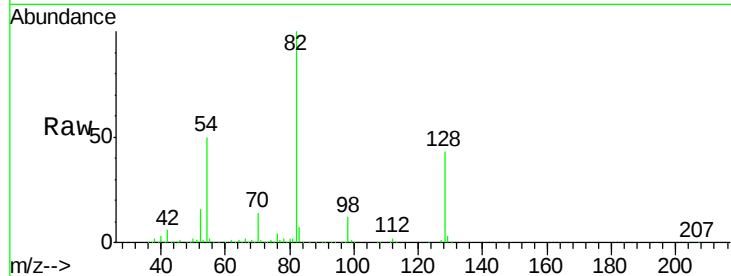
ClientSampleId :

SSTDCCC040EC

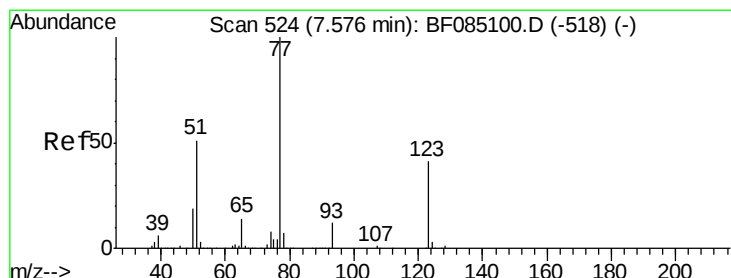
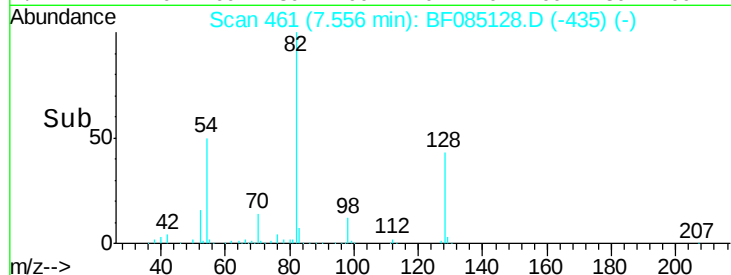
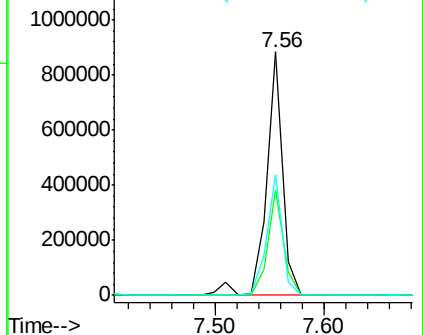
Tgt Ion:	82	Resp:	920815
Ion Ratio	Lower	Upper	
82	100		
128	43.4	39.8	59.6
54	49.7	36.6	54.8

Manual Integrations
APPROVED

UMANGI
3/3/2016 1:42:50 PM



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



#24

Nitrobenzene

Concen: 44.52 ng

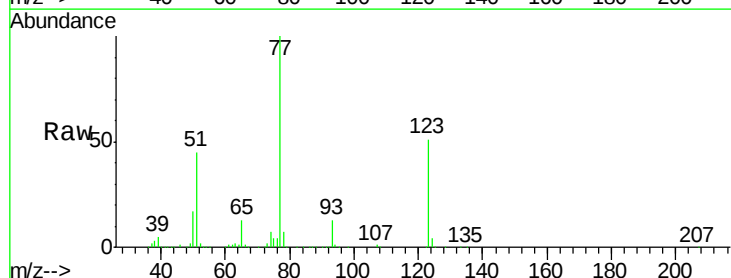
RT: 7.58 min Scan# 463

Delta R.T. 0.00 min

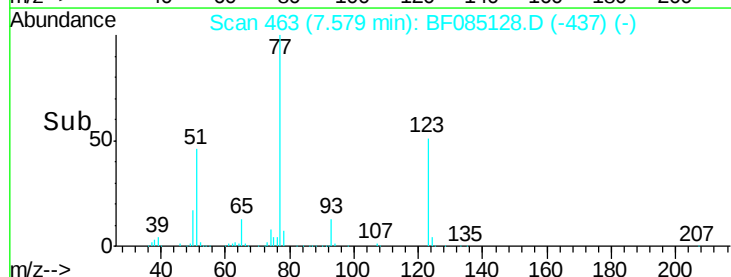
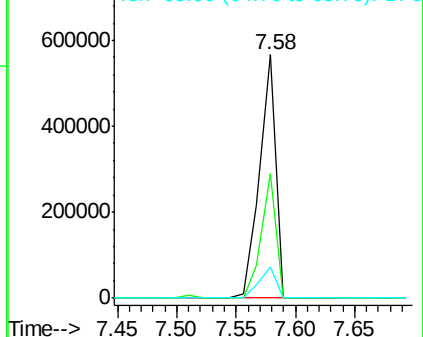
Lab File: BF085128.D

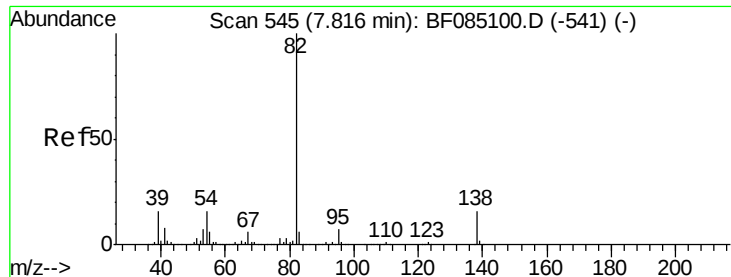
Acq: 2 Mar 2016 19:23

Tgt Ion:	77	Resp:	546010
Ion Ratio	Lower	Upper	
77	100		
123	51.3	33.4	50.2#
65	12.9	10.9	16.3



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





#25

Isophorone

Concen: 40.91 ng

RT: 7.82 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF085128.D

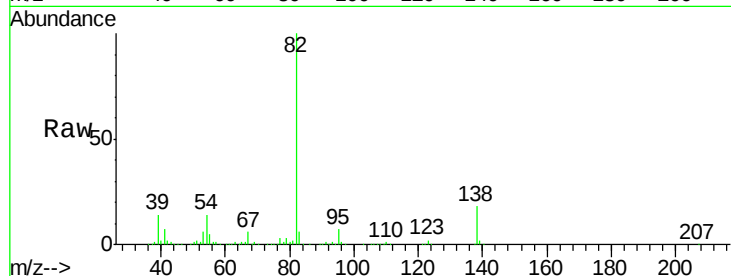
Acq: 2 Mar 2016 19:23

Instrument :

BNA_F

ClientSampleId :

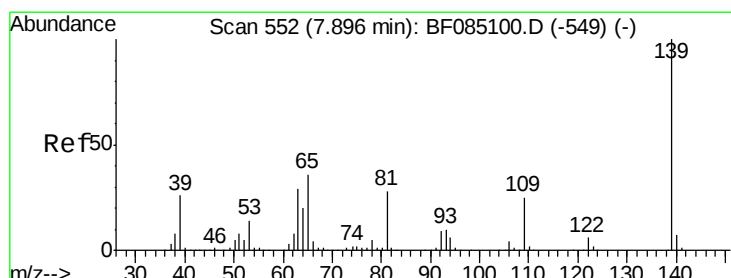
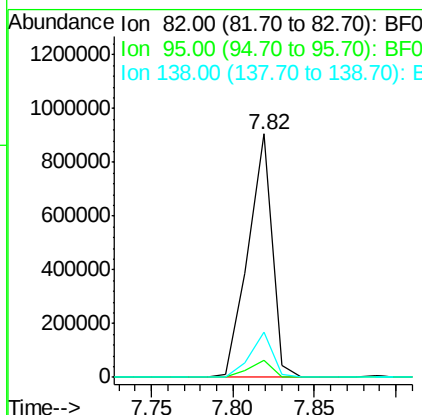
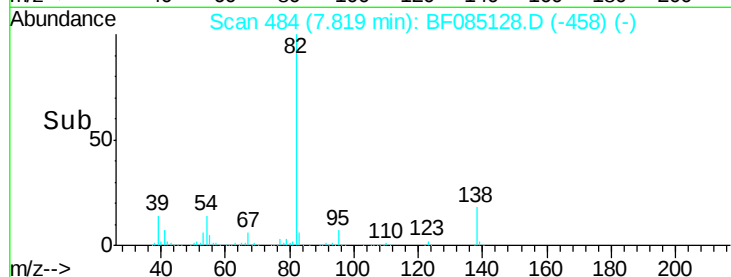
SSTDCCC040EC



Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.6	8.4
138	18.4	12.6	18.8

Manual Integrations
APPROVED

UMANGI
3/3/2016 1:42:50 PM



#26

2-Nitrophenol

Concen: 39.63 ng

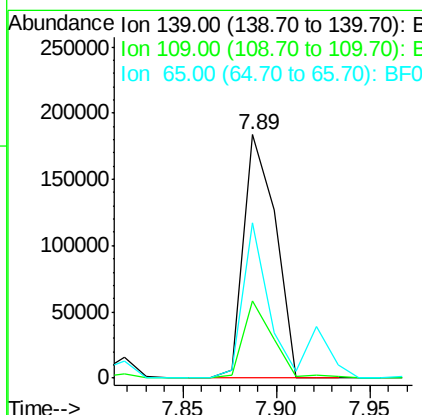
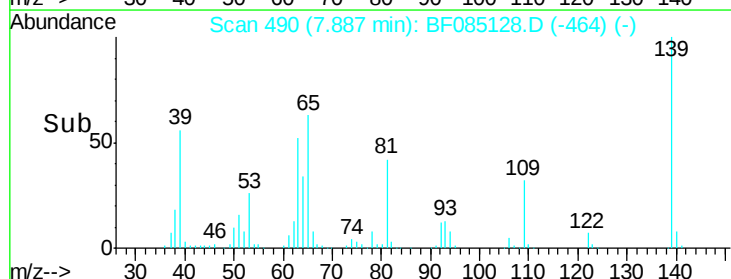
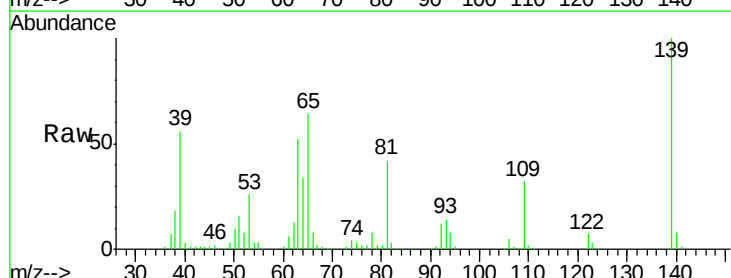
RT: 7.89 min Scan# 490

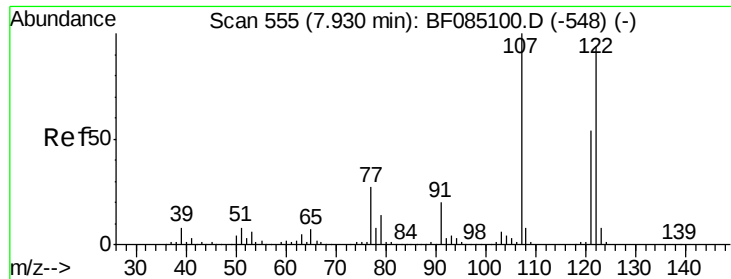
Delta R.T. -0.01 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	31.6	20.4	30.6#
65	63.7	29.2	43.8#





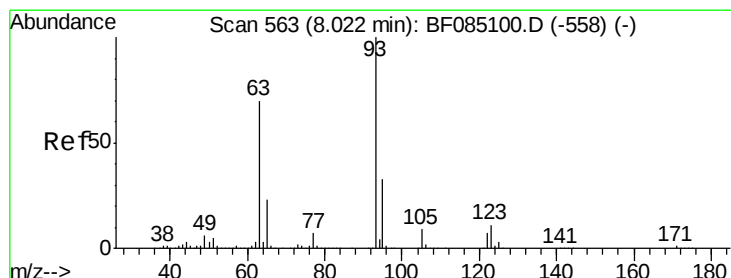
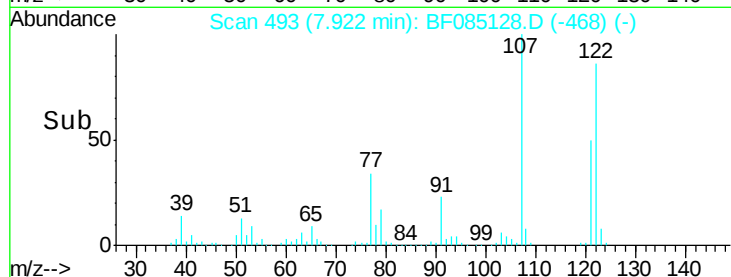
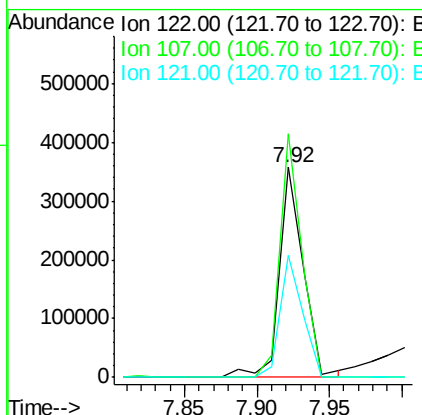
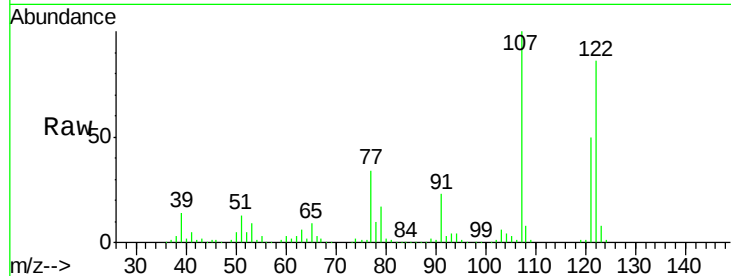
#27
2,4-Dimethylphenol
Concen: 38.35 ng
RT: 7.92 min Scan# 493
Delta R.T. -0.01 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	407610		
107	115.9	85.0	127.4	
121	58.4	45.8	68.8	

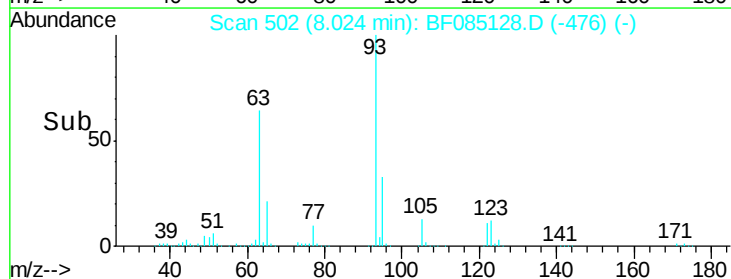
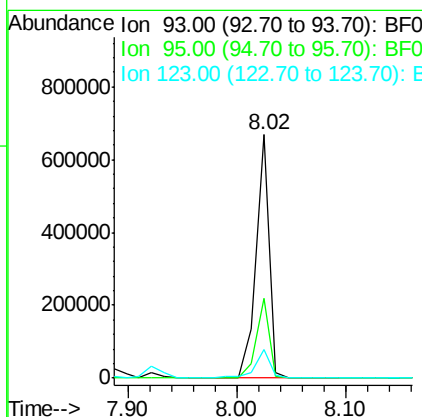
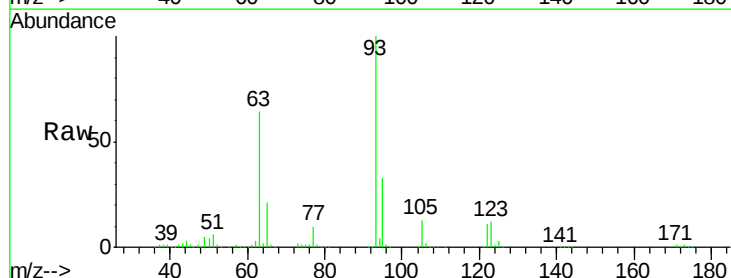
Manual Integrations
APPROVED

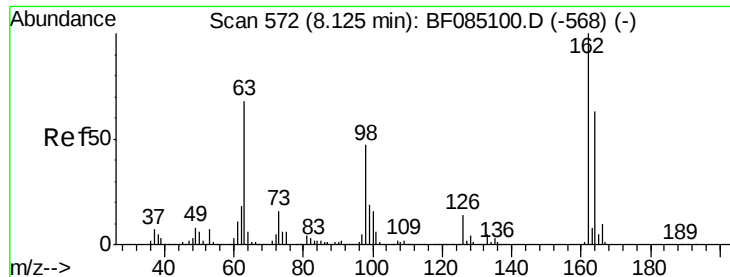
UMANGI
3/3/2016 1:42:50 PM



#28
bis(2-Chloroethoxy)methane
Concen: 45.23 ng
RT: 8.02 min Scan# 502
Delta R.T. 0.00 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	564162		
95	32.7	26.2	39.4	
123	11.6	8.8	13.2	





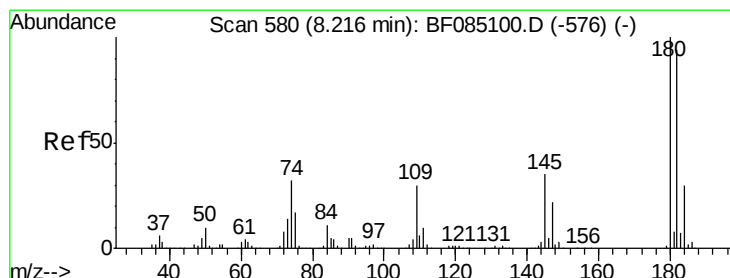
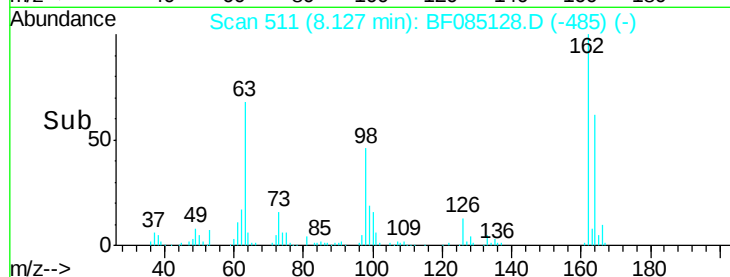
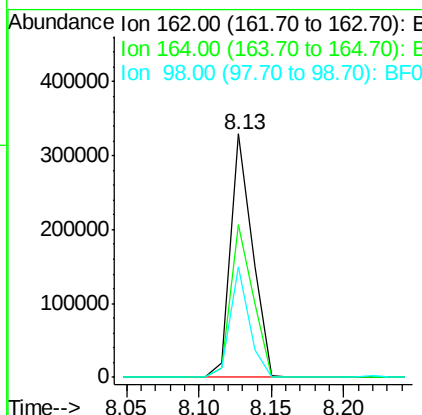
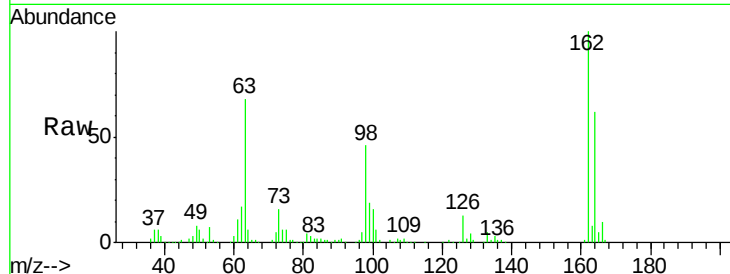
#29
 2,4-Dichlorophenol
 Concen: 39.30 ng
 RT: 8.13 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF085128.D
 Acq: 2 Mar 2016 19:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	343672		
164	62.5	42.9	82.9	
98	45.6	26.9	66.9	

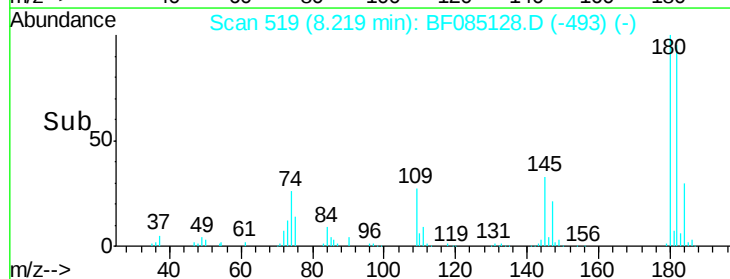
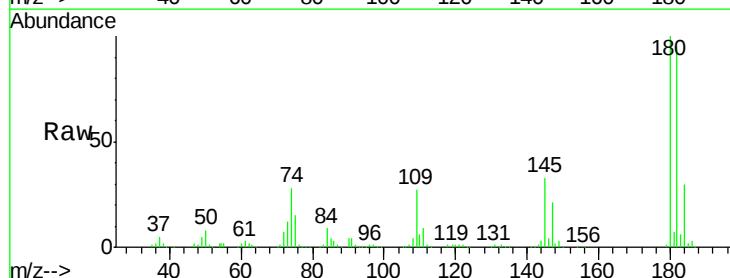
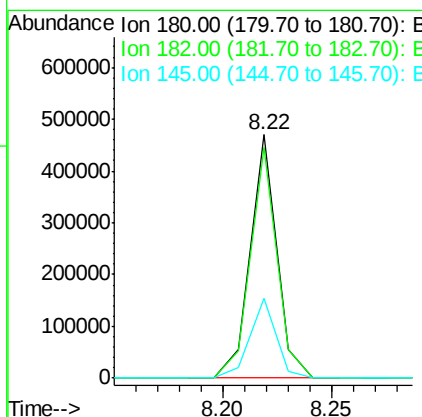
Manual Integrations
 APPROVED

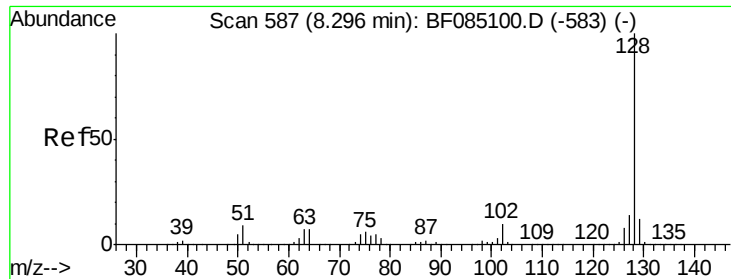
UMANGI
 3/3/2016 1:42:50 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.80 ng
 RT: 8.22 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF085128.D
 Acq: 2 Mar 2016 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	398460		
182	94.9	75.4	113.0	
145	32.9	27.8	41.8	





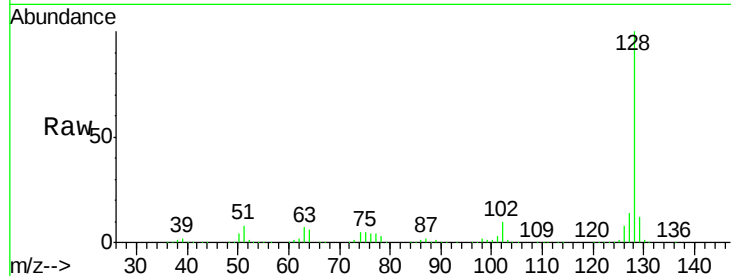
#31
Naphthalene
Concen: 38.29 ng
RT: 8.30 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

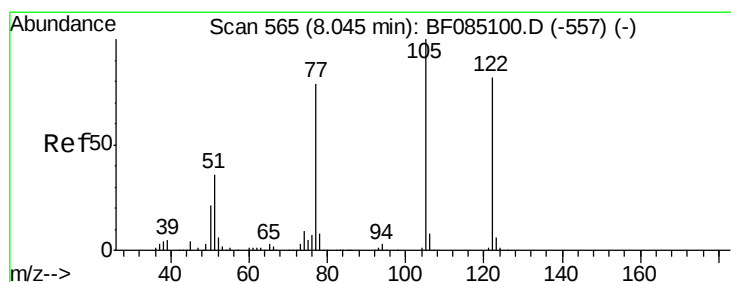
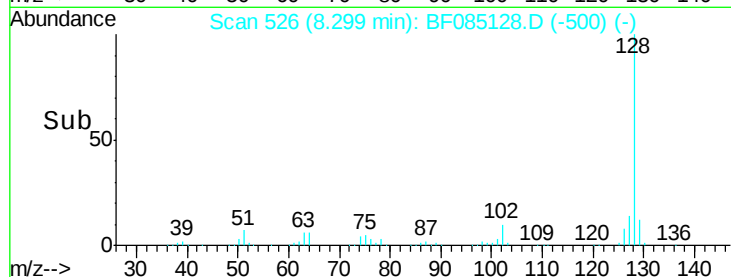
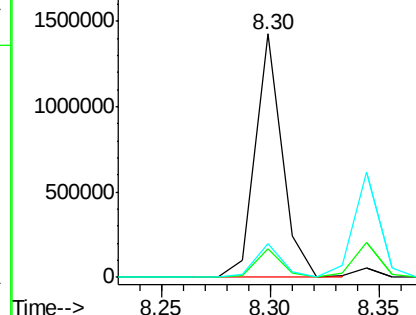
Tgt Ion:128 Resp: 1218161
Ion Ratio Lower Upper
128 100
129 11.6 9.7 14.5
127 13.7 11.1 16.7

Manual Integrations
APPROVED

UMANGI
3/3/2016 1:42:50 PM

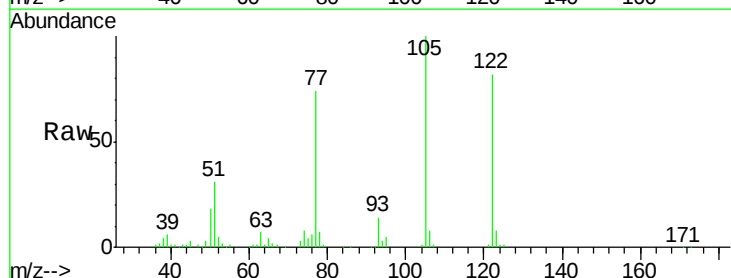


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

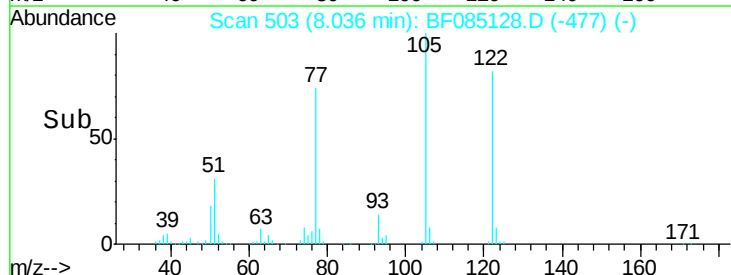
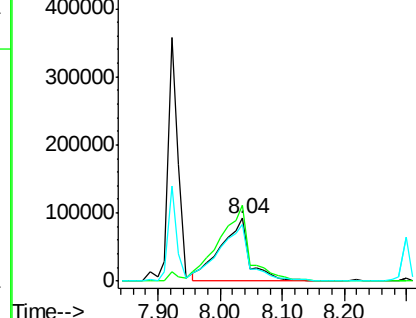


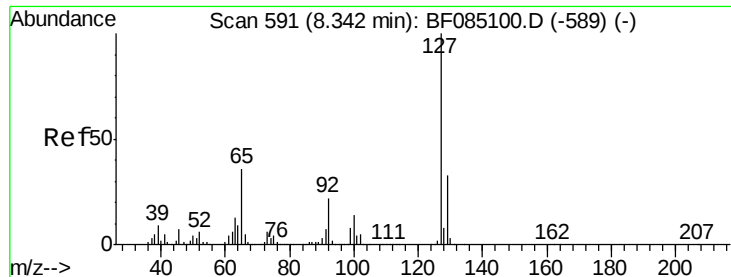
#32
Benzoic acid
Concen: 48.30 ng
RT: 8.04 min Scan# 503
Delta R.T. -0.01 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

Tgt Ion:122 Resp: 298306
Ion Ratio Lower Upper
122 100
105 121.7 102.0 142.0
77 90.4 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





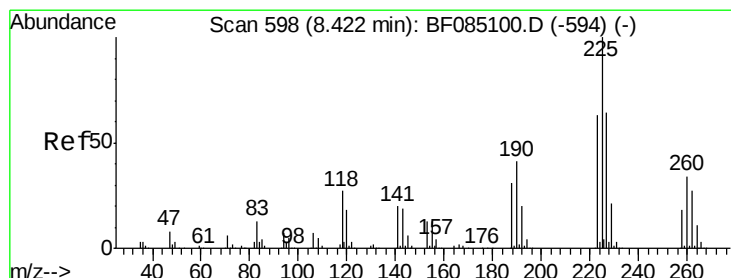
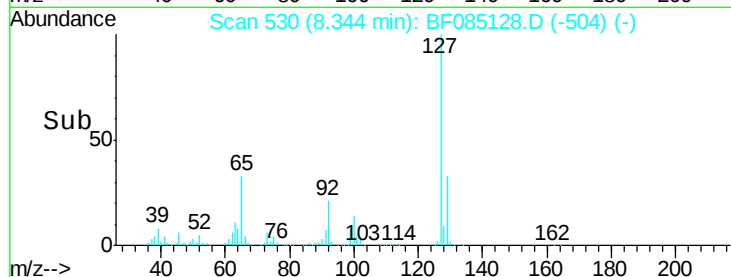
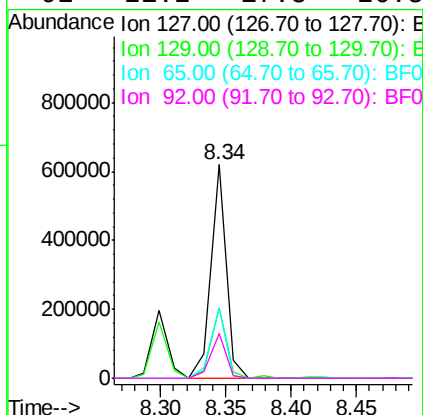
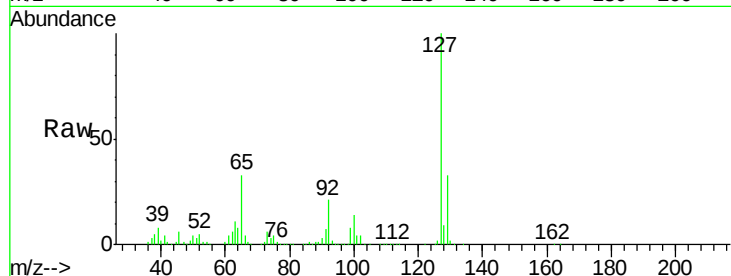
#33
4-Chloroaniline
Concen: 40.73 ng
RT: 8.34 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	512182		
129	33.0	26.3	39.5	
65	33.1	28.6	43.0	
92	21.2	17.8	26.8	

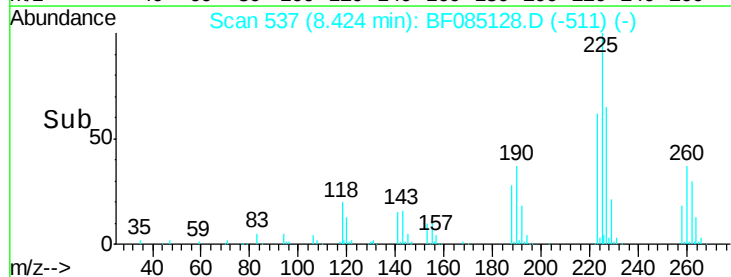
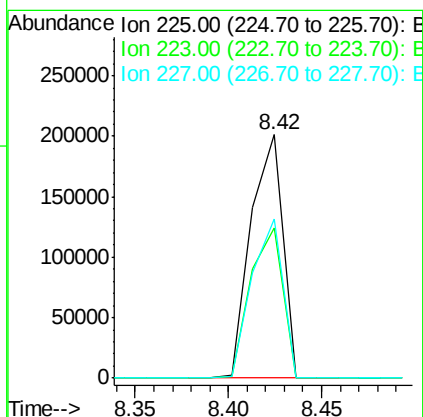
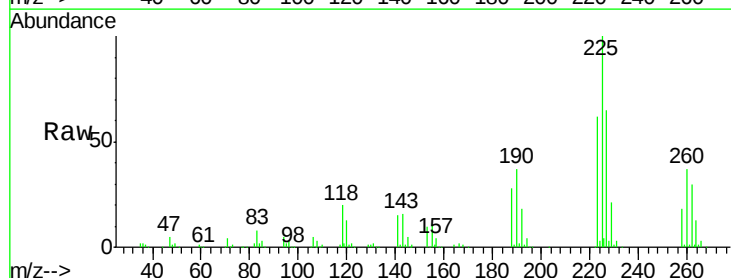
Manual Integrations
APPROVED

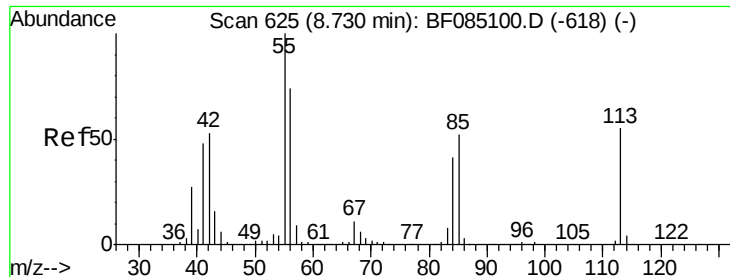
UMANGI
3/3/2016 1:42:50 PM



#34
Hexachlorobutadiene
Concen: 42.81 ng
RT: 8.42 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	236717		
223	61.6	50.4	75.6	
227	65.2	51.6	77.4	





#35

Caprolactam

Concen: 44.07 ng

RT: 8.72 min Scan# 563

Delta R.T. -0.01 min

Lab File: BF085128.D

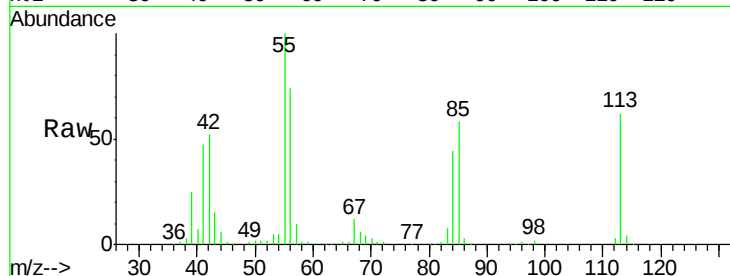
Acq: 2 Mar 2016 19:23

Instrument :

BNA_F

ClientSampleId :

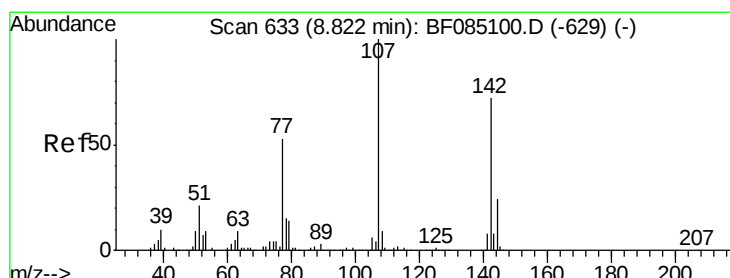
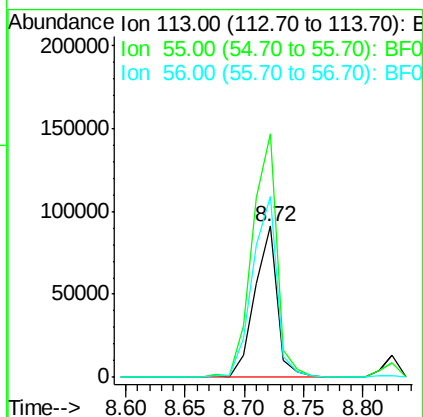
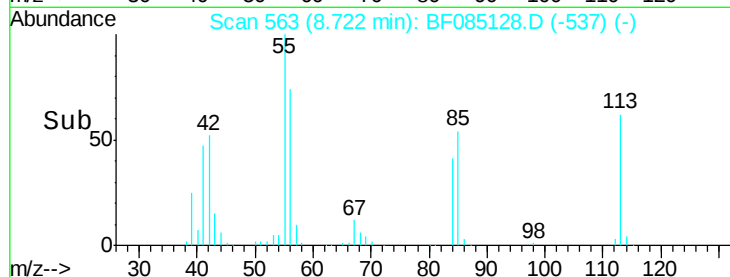
SSTDCCC040EC



Tgt Ion	Ratio	Lower	Upper
113	100		
55	161.2	162.9	202.9#
56	119.4	114.5	154.5

Manual Integrations
APPROVED

UMANGI
3/3/2016 1:42:50 PM



#36

4-Chloro-3-methylphenol

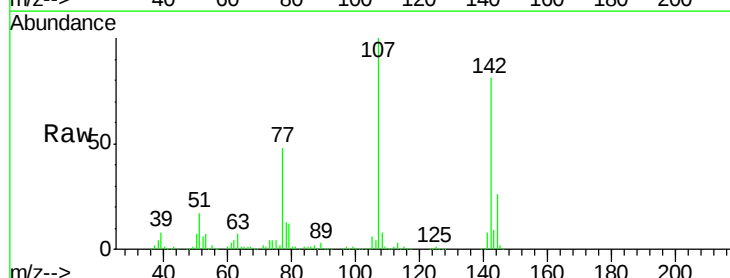
Concen: 43.85 ng

RT: 8.82 min Scan# 572

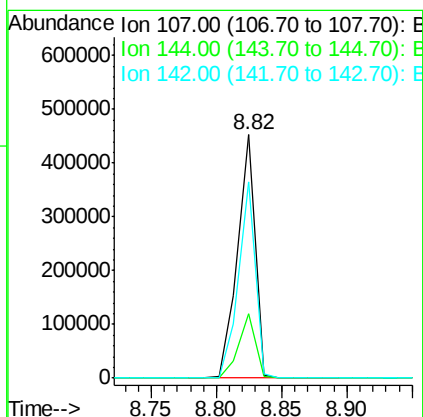
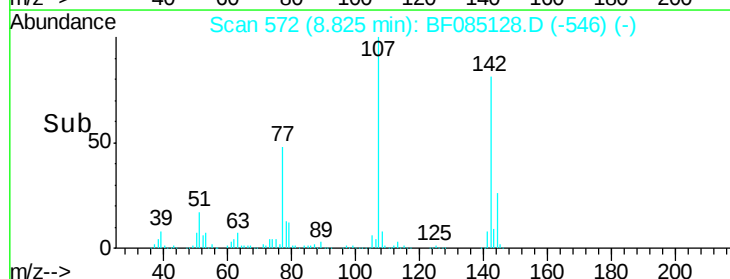
Delta R.T. 0.00 min

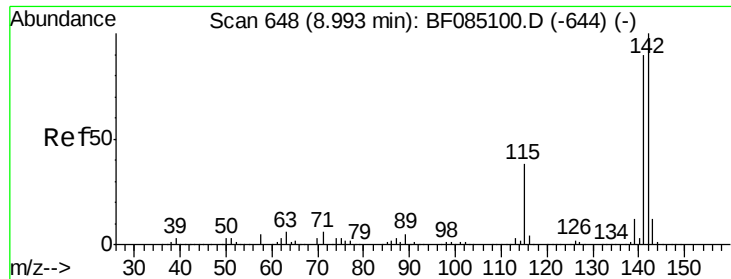
Lab File: BF085128.D

Acq: 2 Mar 2016 19:23



Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.5	18.9	28.3
142	80.5	57.9	86.9





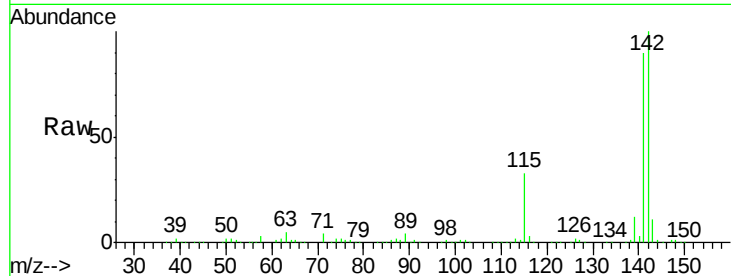
#37
2-Methylnaphthalene
Concen: 42.36 ng
RT: 9.00 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

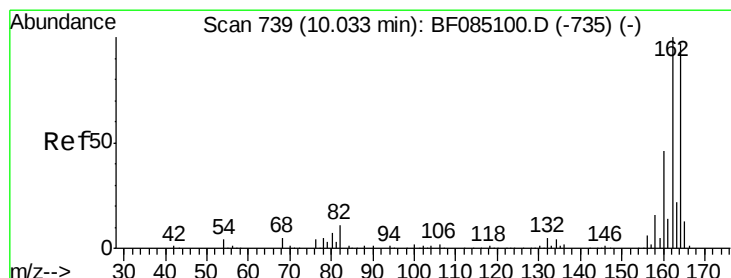
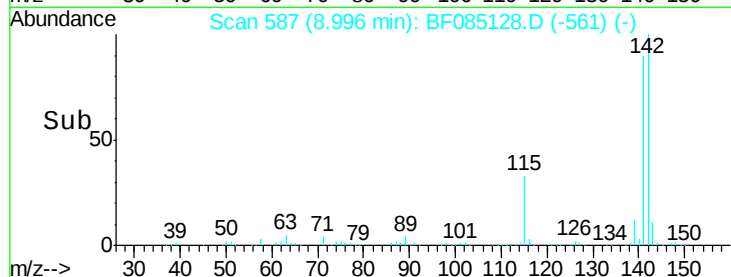
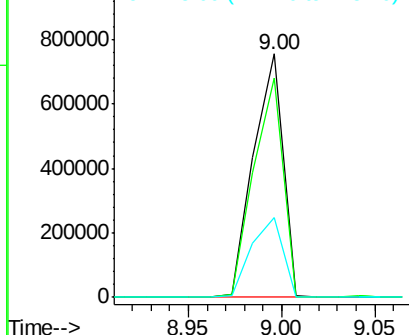
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.7	107.5
115	32.6	30.1	45.1

Manual Integrations
APPROVED

UMANGI
3/3/2016 1:42:50 PM

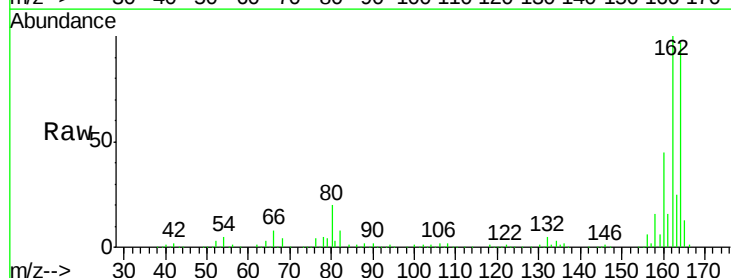


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

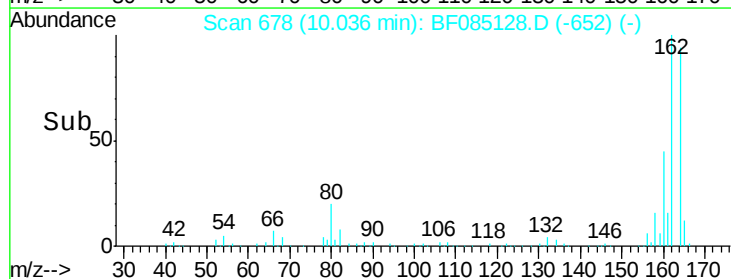
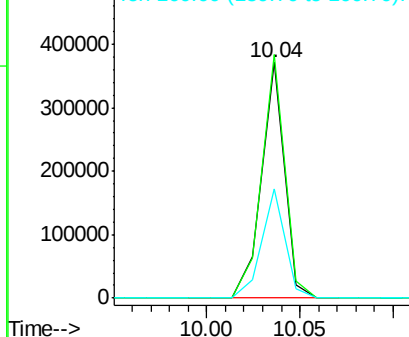


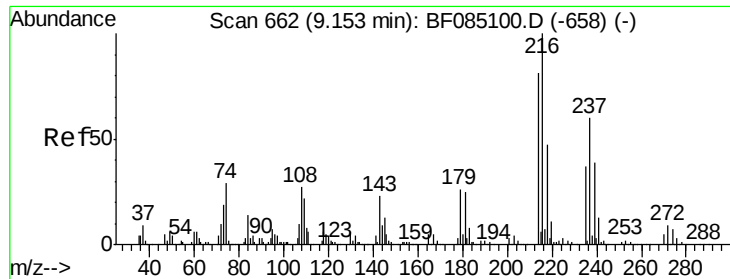
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.04 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.6	123.8
160	46.5	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: 38.53 ng

RT: 9.16 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF085128.D

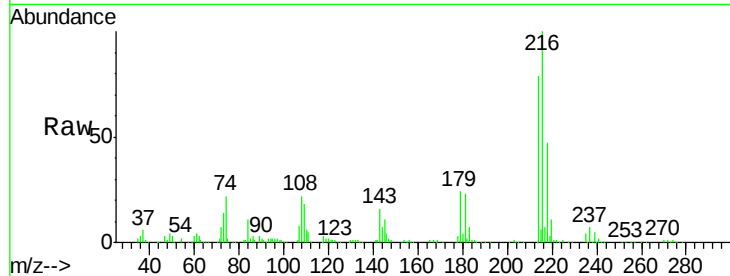
Acq: 2 Mar 2016 19:23

Instrument :

BNA_F

ClientSampleId :

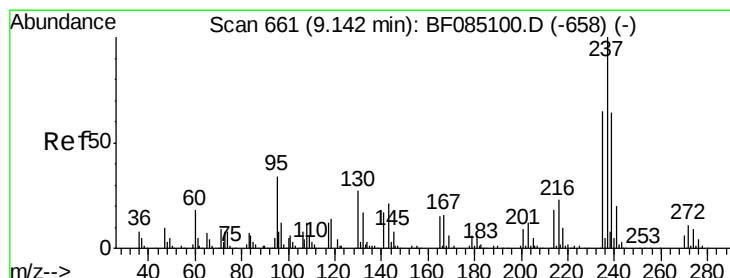
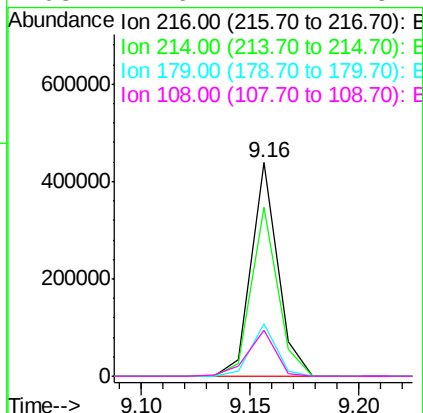
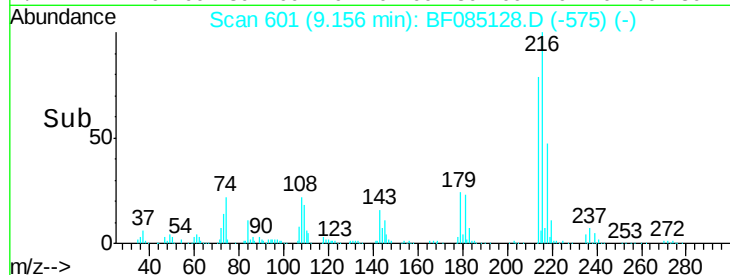
SSTDCCC040EC



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
216	216	100	372734		
214	214	78.9	63.7	95.5	
179	179	23.4	18.1	27.1	
108	108	22.6	17.1	25.7	

Manual Integrations
APPROVED

UMANGI
3/3/2016 1:42:50 PM



#40

Hexachlorocyclopentadiene

Concen: 30.56 ng

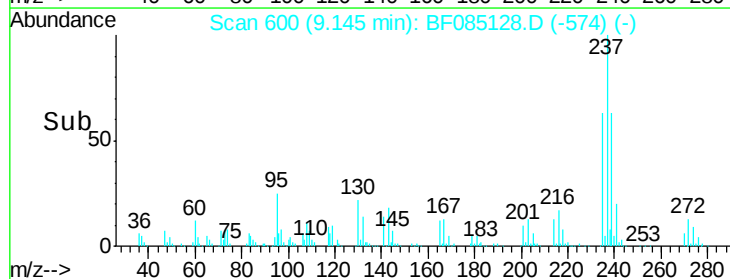
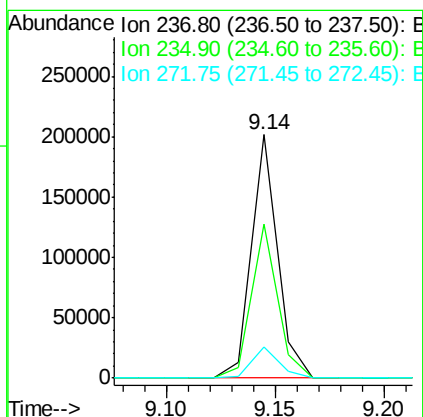
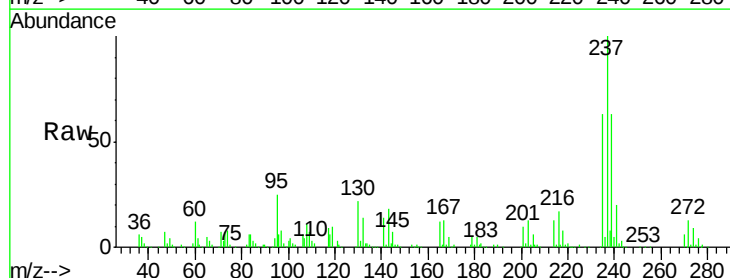
RT: 9.14 min Scan# 600

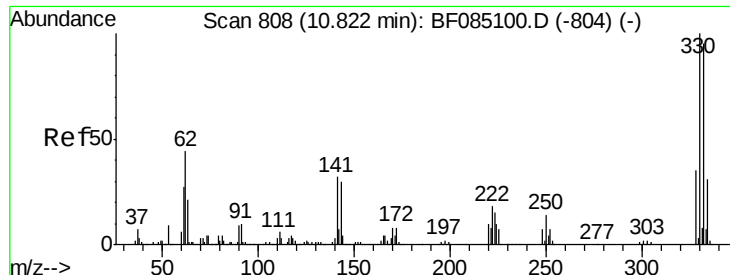
Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	237	100	168334		
235	235	63.3	45.3	85.3	
272	272	12.6	0.0	31.2	





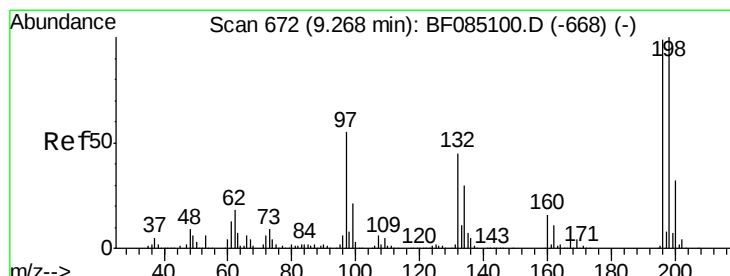
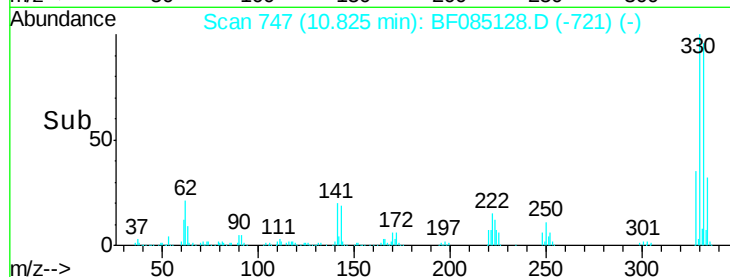
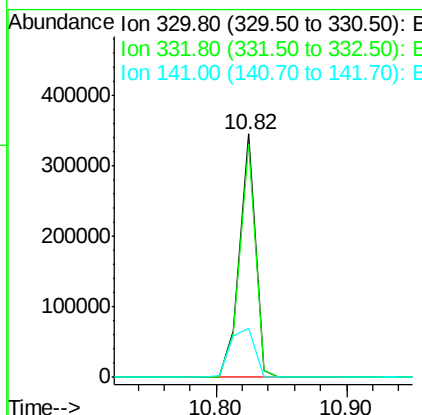
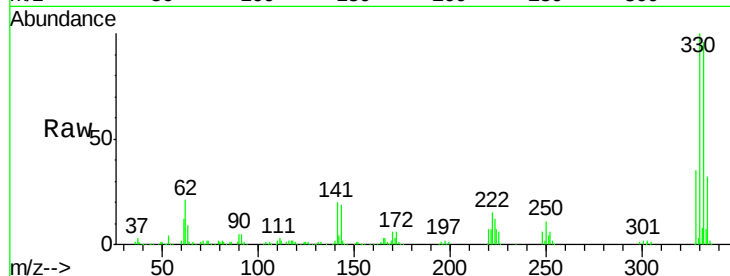
#41
 2,4,6-Tribromophenol
 Concen: 91.60 ng
 RT: 10.82 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF085128.D
 Acq: 2 Mar 2016 19:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	289182		
332	96.0	75.9	113.9	
141	31.0	28.9	43.3	

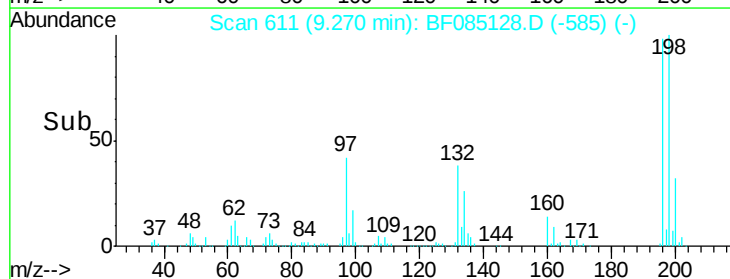
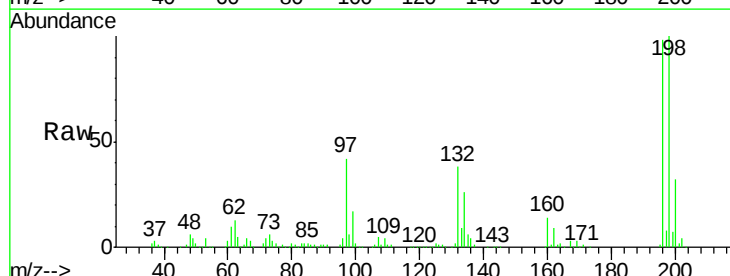
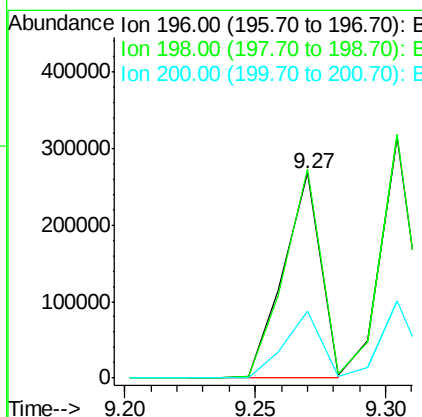
Manual Integrations
 APPROVED

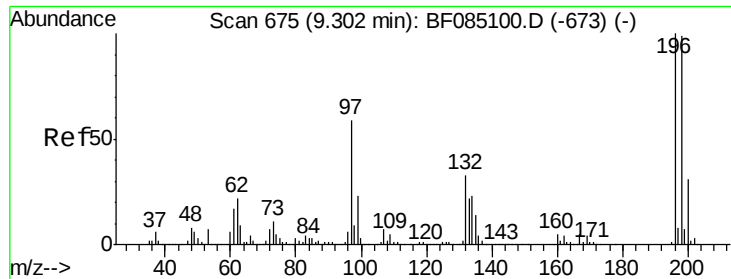
UMANGI
 3/3/2016 1:42:50 PM



#42
 2,4,6-Trichlorophenol
 Concen: 40.81 ng
 RT: 9.27 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF085128.D
 Acq: 2 Mar 2016 19:23

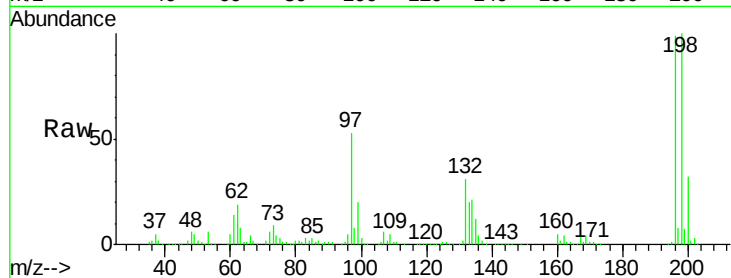
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	265830		
198	102.1	80.4	120.6	
200	32.6	25.8	38.8	





#43
 2,4,5-Trichlorophenol
 Concen: 42.76 ng
 RT: 9.30 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF085128.D
 Acq: 2 Mar 2016 19:23

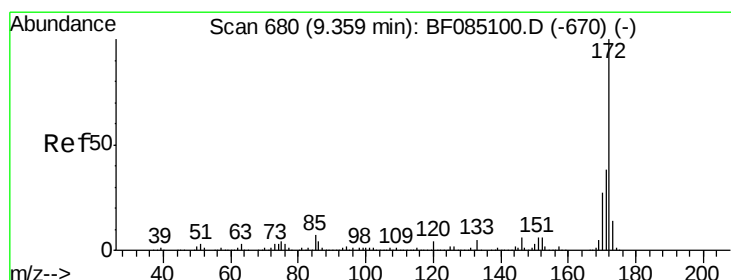
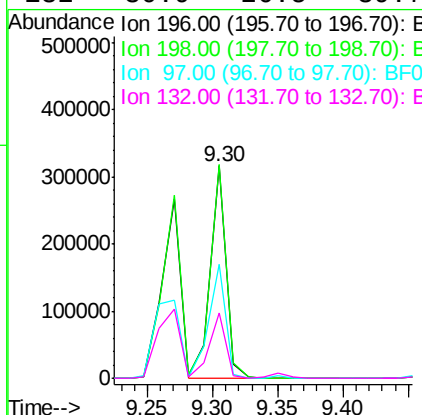
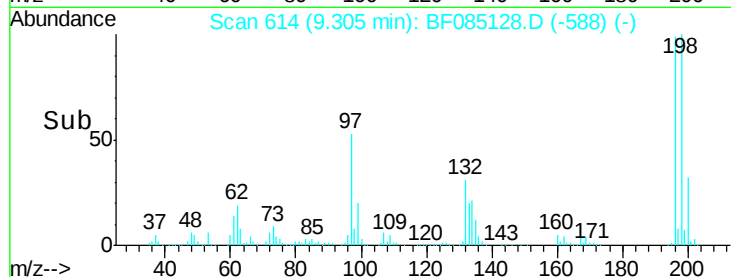
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	266909		
198	100.7	79.5	119.3	
97	53.6	47.3	70.9	
132	30.9	26.5	39.7	

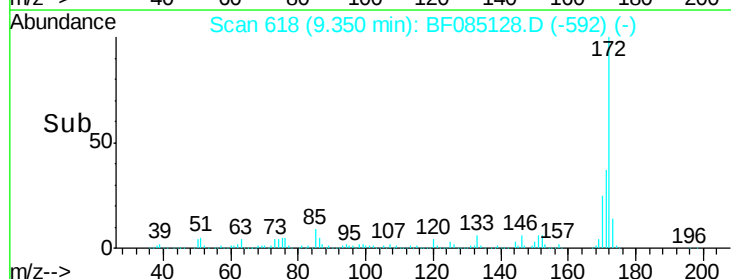
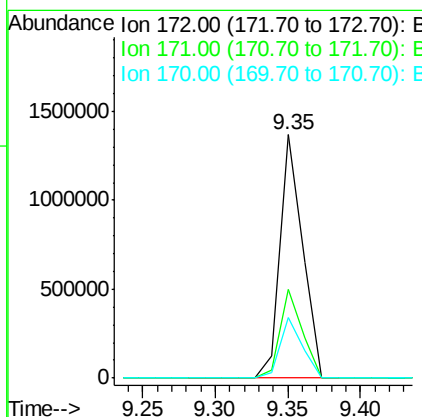
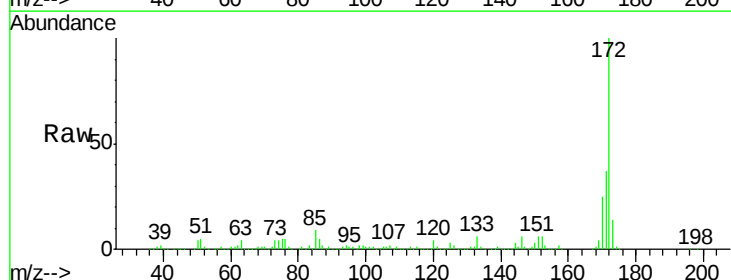
Manual Integrations
 APPROVED

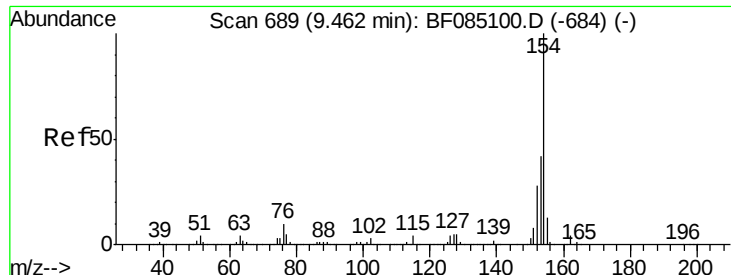
UMANGI
 3/3/2016 1:42:50 PM



#44
 2-Fluorobiphenyl
 Concen: 69.14 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF085128.D
 Acq: 2 Mar 2016 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1474854		
171	36.7	30.5	45.7	
170	24.8	21.2	31.8	





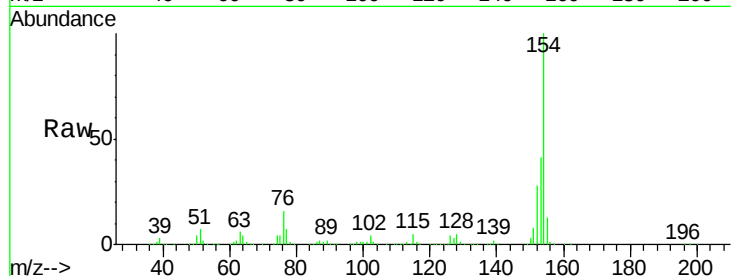
#45
 1,1'-Biphenyl
 Concen: 36.22 ng
 RT: 9.45 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF085128.D
 Acq: 2 Mar 2016 19:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.5	61.5
76	15.9	0.0	29.7

Manual Integrations
 APPROVED

UMANGI
 3/3/2016 1:42:50 PM

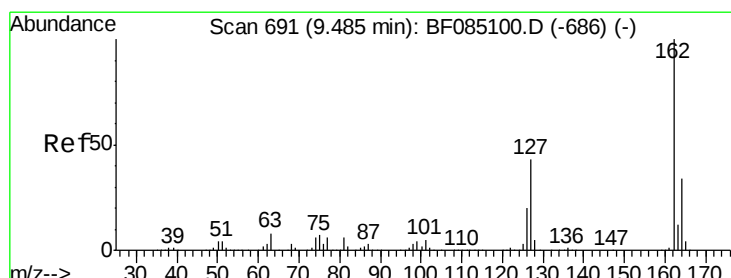
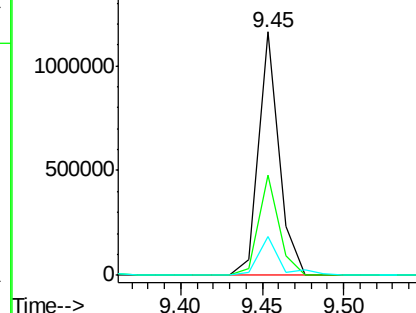
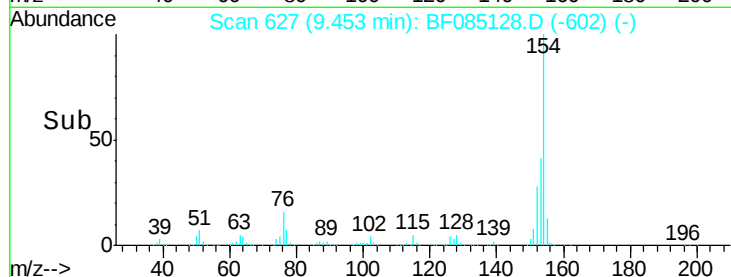


Abundance

Ion 154.00 (153.70 to 154.70): E

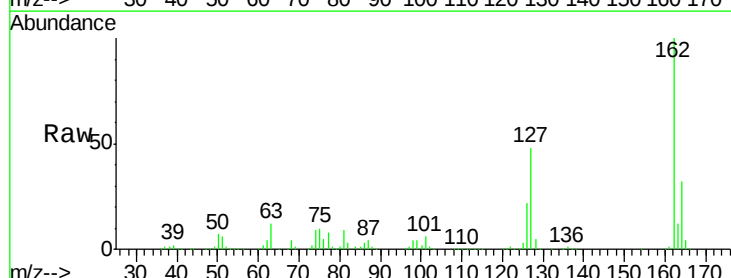
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
 2-Chloronaphthalene
 Concen: 37.66 ng
 RT: 9.48 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF085128.D
 Acq: 2 Mar 2016 19:23

Tgt Ion	Ratio	Lower	Upper
162	100		
127	47.5	34.2	51.4
164	32.3	27.2	40.8

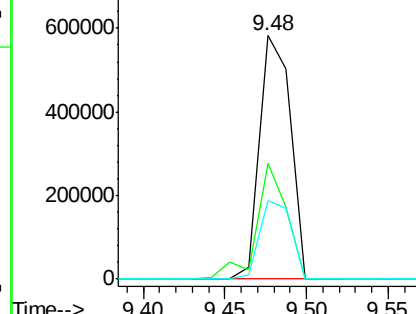
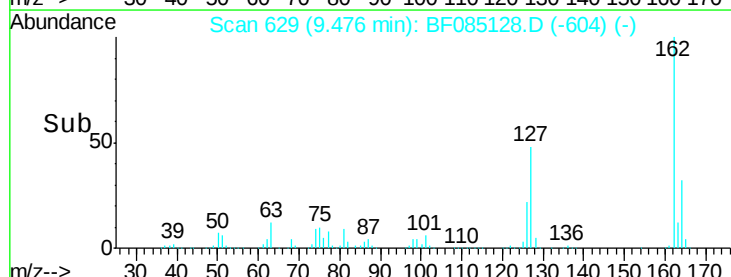


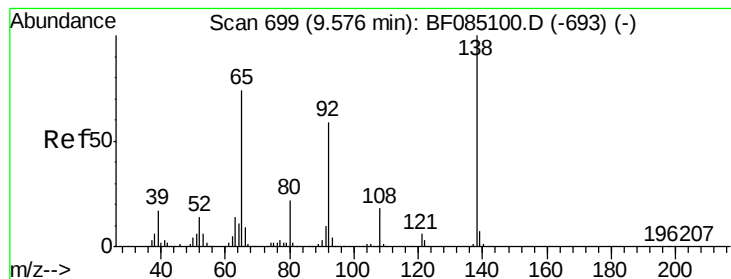
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 34.14 ng

RT: 9.57 min Scan# 637

Delta R.T. -0.01 min

Lab File: BF085128.D

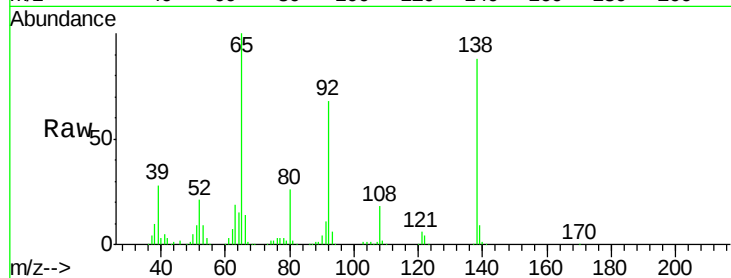
Acq: 2 Mar 2016 19:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 65 Resp: 218008

Ion Ratio Lower Upper

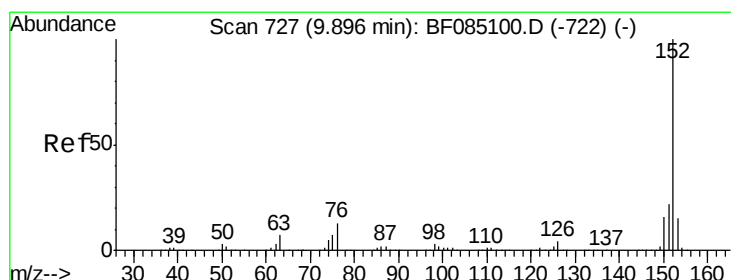
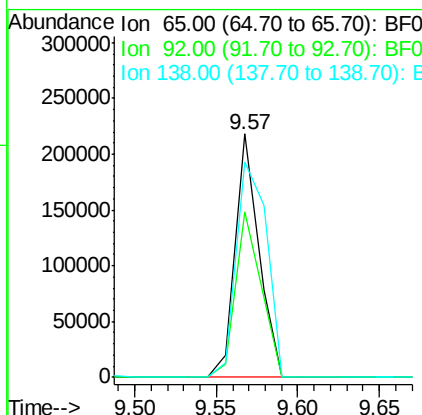
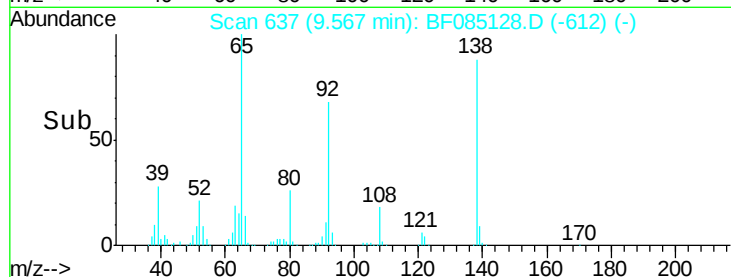
65 100

92 68.1 63.8 95.6

138 88.4 108.5 162.7#

Manual Integrations
APPROVED

UMANGI
3/3/2016 1:42:50 PM



#48

Acenaphthylene

Concen: 42.42 ng

RT: 9.90 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

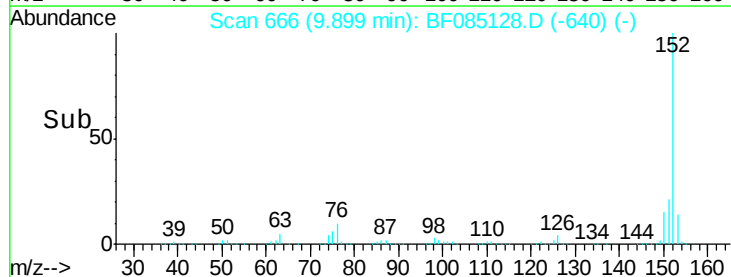
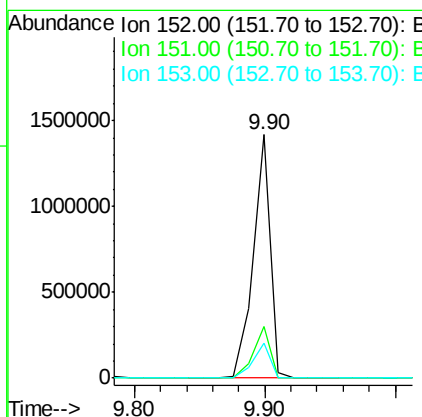
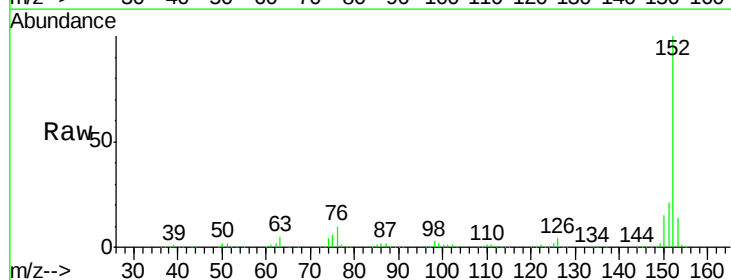
Tgt Ion: 152 Resp: 1282423

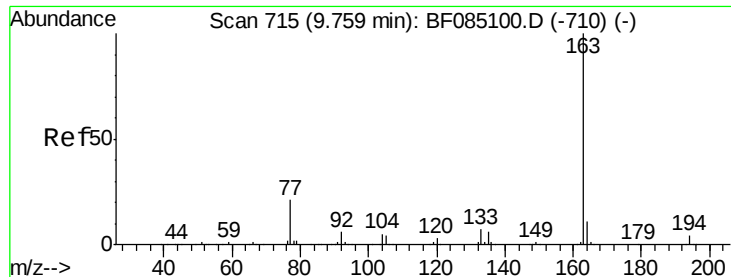
Ion Ratio Lower Upper

152 100

151 21.2 17.4 26.0

153 14.2 12.0 18.0





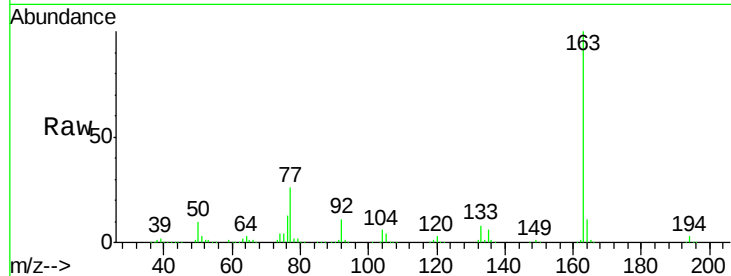
#49
Dimethylphthalate
Concen: 36.71 ng
RT: 9.75 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

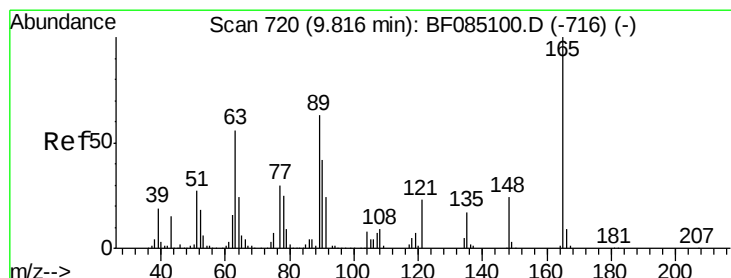
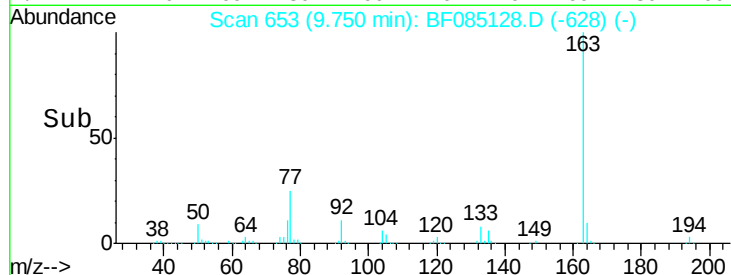
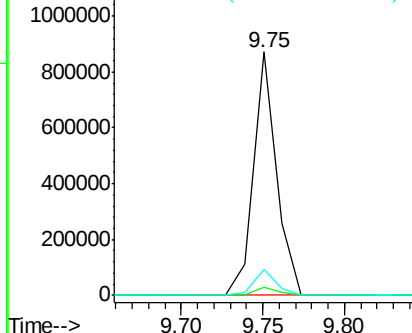
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.3	2.9	4.3
164	10.7	8.6	12.8

Manual Integrations
APPROVED

UMANGI
3/3/2016 1:42:50 PM



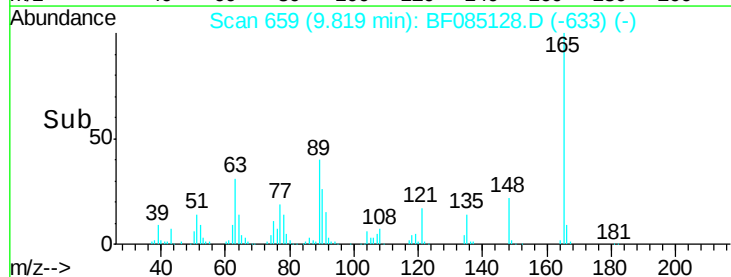
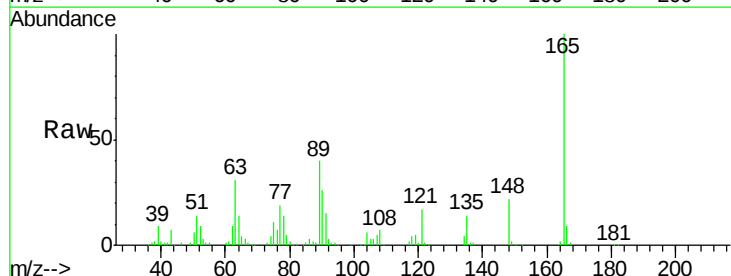
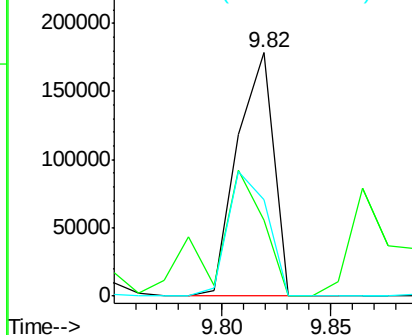
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

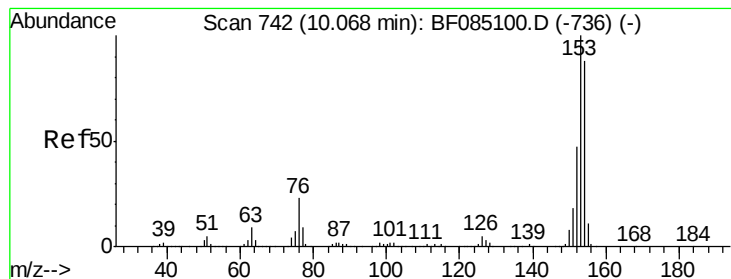


#50
2,6-Dinitrotoluene
Concen: 42.80 ng
RT: 9.82 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	31.3	47.4	71.2#
89	39.8	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: 41.35 ng

RT: 10.07 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF085128.D

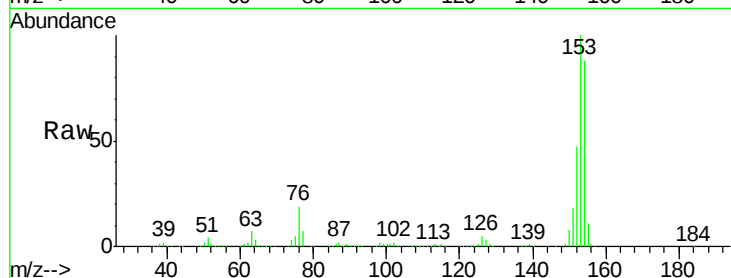
Acq: 2 Mar 2016 19:23

Instrument :

BNA_F

ClientSampleId :

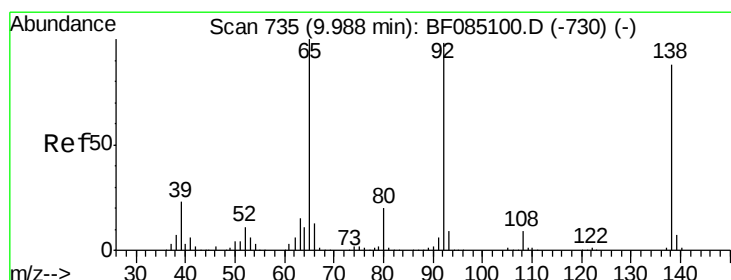
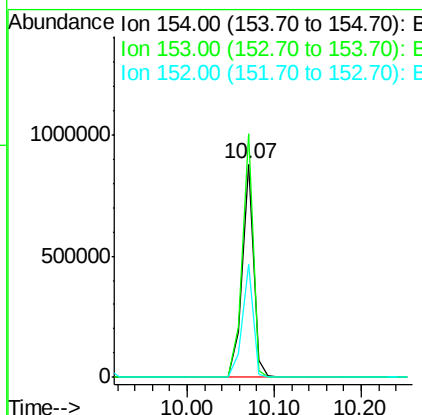
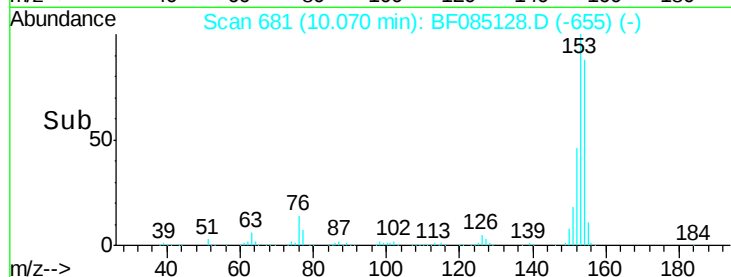
SSTDCCC040EC



Tgt Ion:	154	Resp:	784854
Ion Ratio	Lower	Upper	
154	100		
153	114.0	91.0	136.6
152	53.2	43.0	64.6

Manual Integrations
APPROVED

UMANGI
3/3/2016 1:42:50 PM



#52

3-Nitroaniline

Concen: 34.89 ng

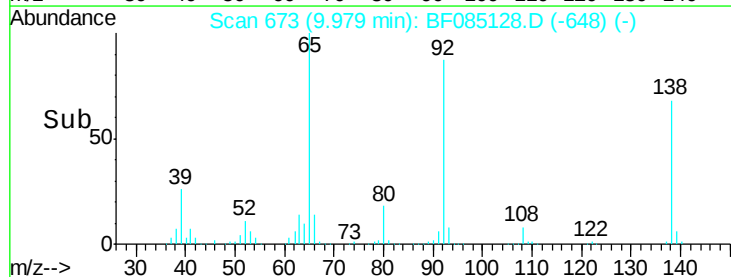
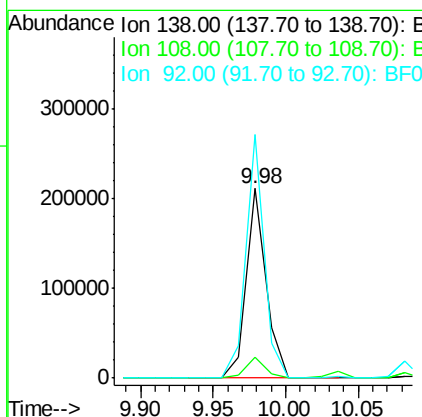
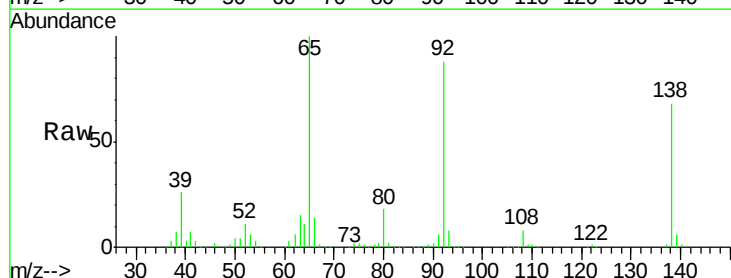
RT: 9.98 min Scan# 673

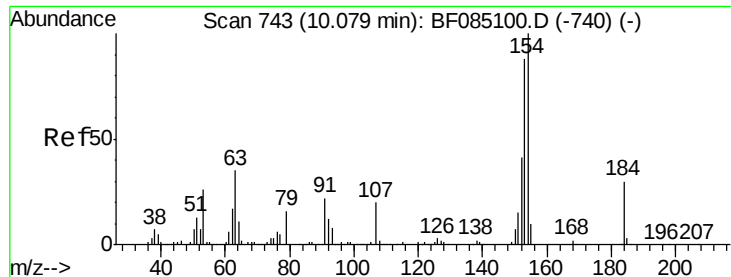
Delta R.T. -0.01 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

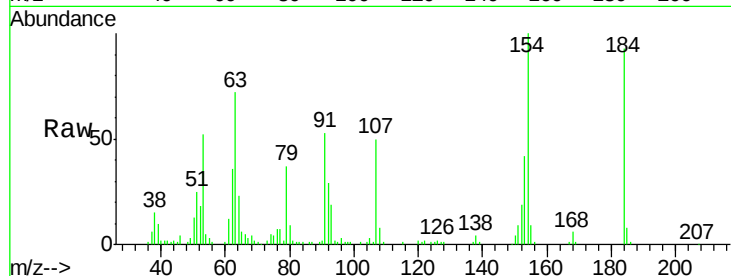
Tgt Ion:	138	Resp:	200231
Ion Ratio	Lower	Upper	
138	100		
108	11.3	8.2	12.2
92	128.4	89.0	133.6





#53
2,4-Dinitrophenol
Concen: 36.93 ng
RT: 10.08 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

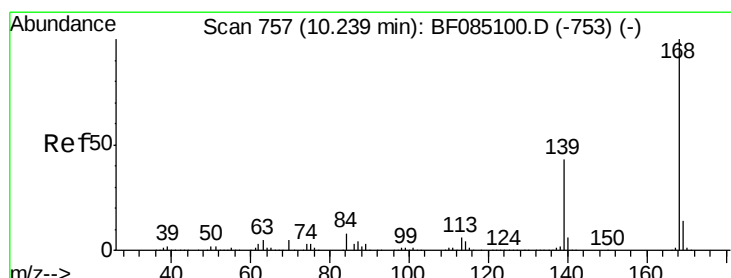
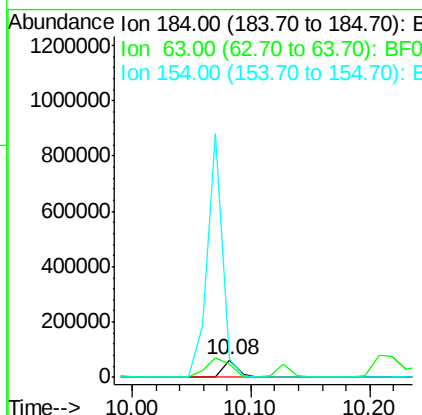
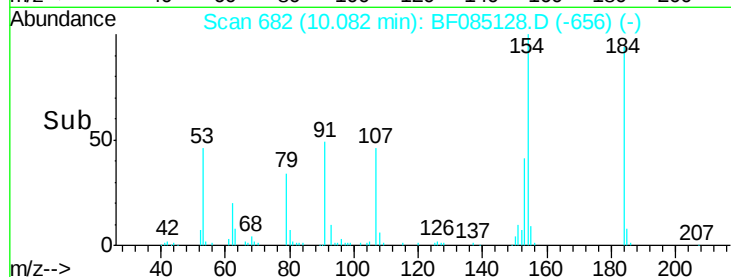
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:184 Resp: 53071
Ion Ratio Lower Upper
184 100
63 77.2 94.0 141.0#
154 107.5 269.8 404.8#

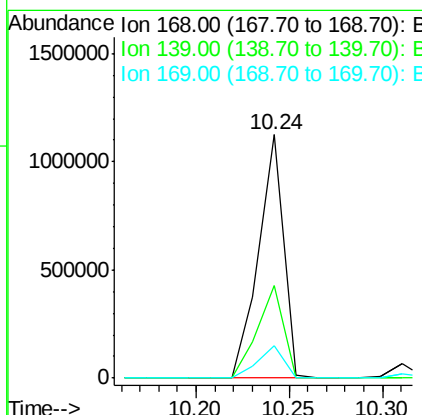
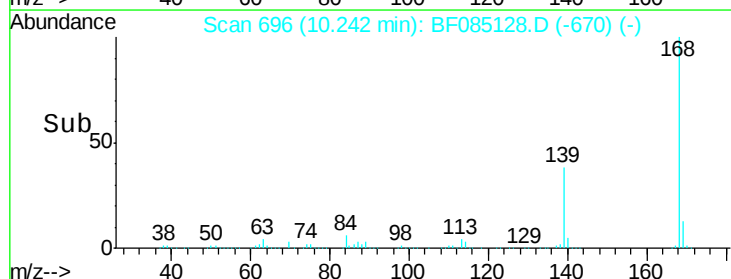
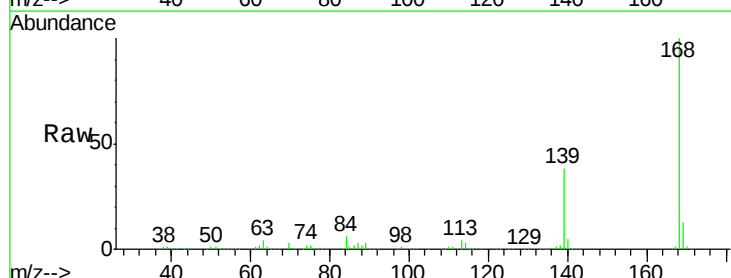
Manual Integrations
APPROVED

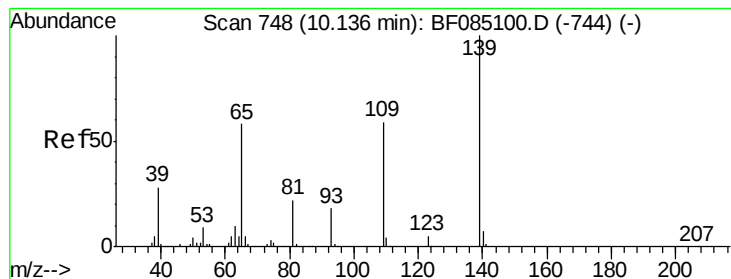
UMANGI
3/3/2016 1:42:50 PM



#54
Dibenzofuran
Concen: 42.29 ng
RT: 10.24 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

Tgt Ion:168 Resp: 1041997
Ion Ratio Lower Upper
168 100
139 37.9 34.2 51.2
169 13.5 11.4 17.2





#55

4-Nitrophenol

Concen: 32.71 ng

RT: 10.13 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Instrument :

BNA_F

ClientSampleId :

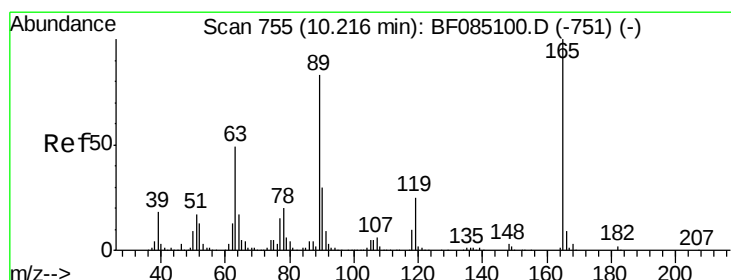
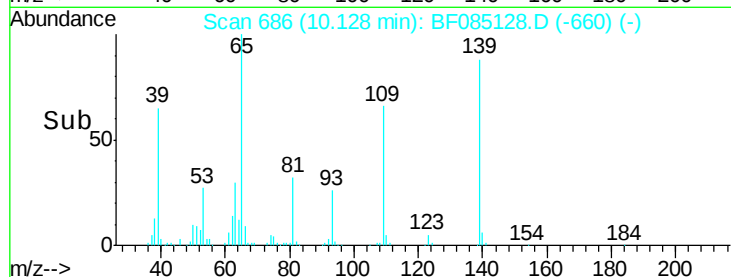
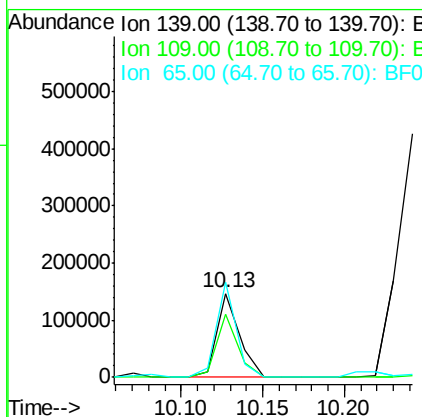
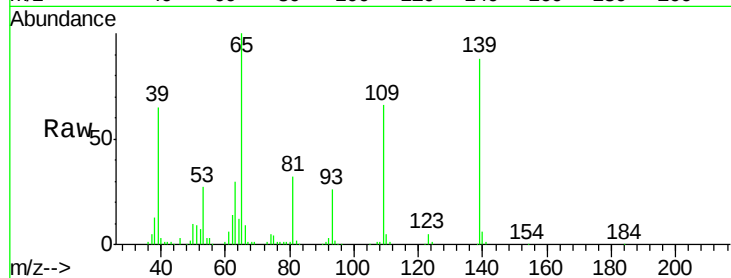
SSTDCCC040EC

Manual Integrations
APPROVED

UMANGI

3/3/2016 1:42:50 PM

Tgt Ion:	139	Resp:	144036
Ion Ratio	Lower	Upper	
139	100		
109	75.0	39.5	79.5
65	113.9	38.4	78.4#



#56

2,4-Dinitrotoluene

Concen: 43.01 ng

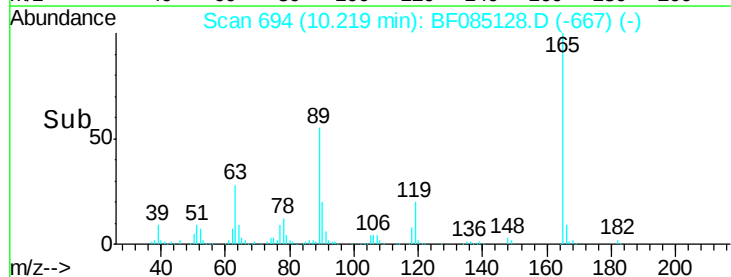
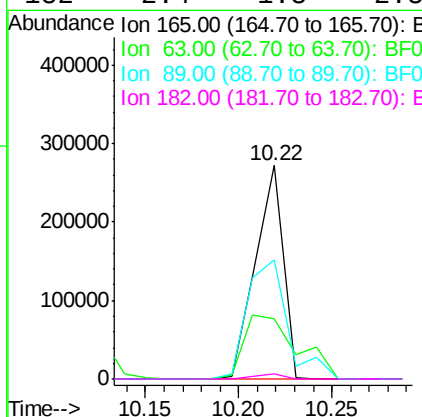
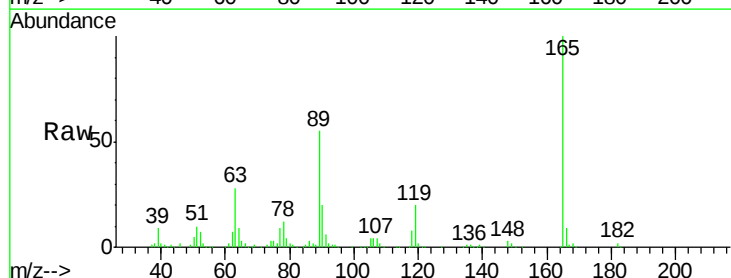
RT: 10.22 min Scan# 694

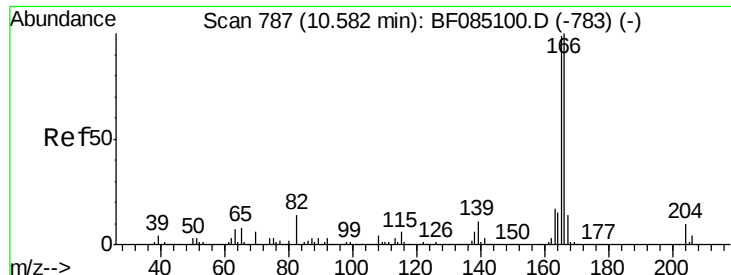
Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Tgt Ion:	165	Resp:	279915
Ion Ratio	Lower	Upper	
165	100		
63	28.3	39.2	58.8#
89	55.5	66.2	99.4#
182	2.4	1.8	2.8





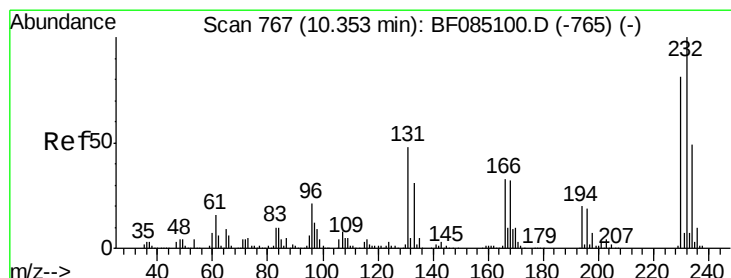
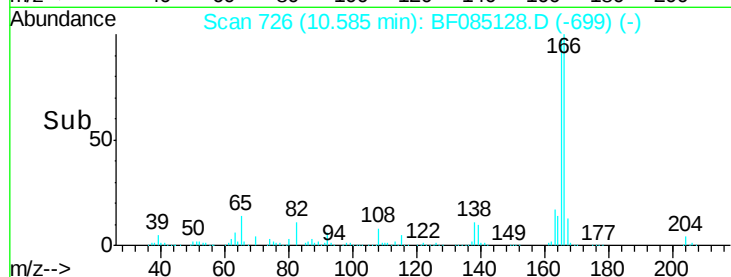
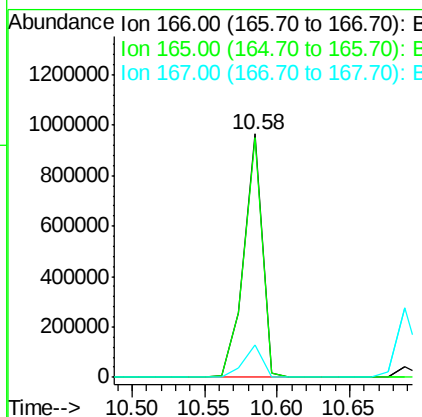
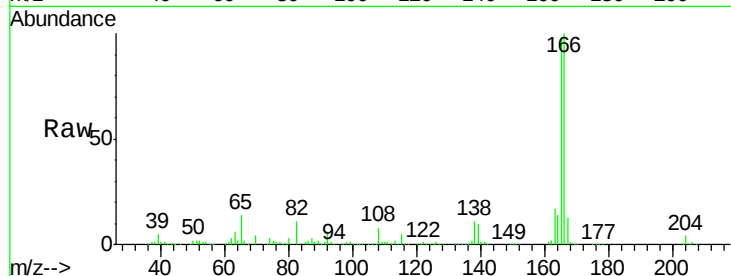
#57
 Fluorene
 Concen: 44.07 ng
 RT: 10.58 min Scan# 726
 Delta R.T. 0.00 min
 Lab File: BF085128.D
 Acq: 2 Mar 2016 19:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

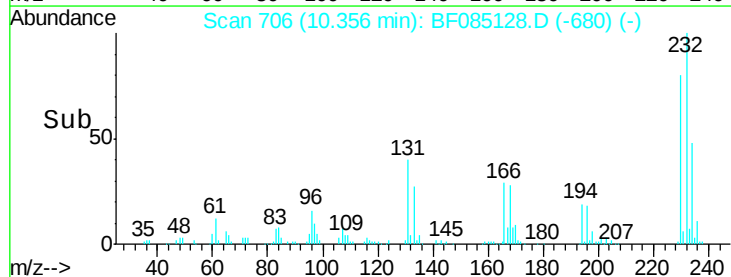
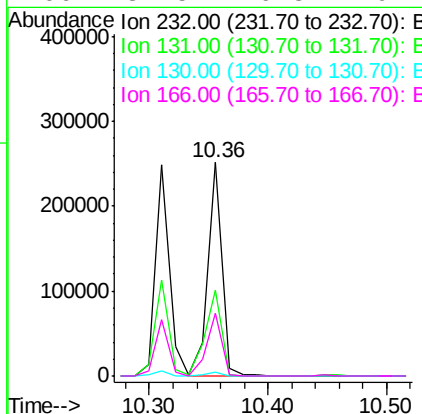
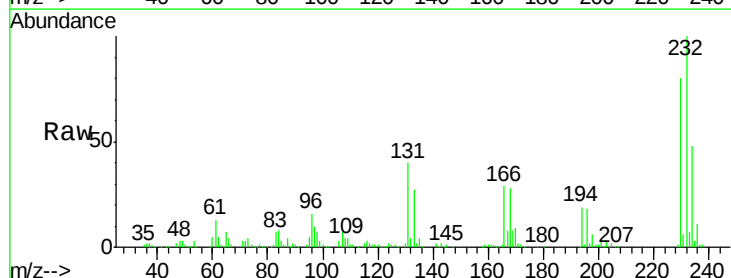
UMANGI
 3/3/2016 1:42:50 PM

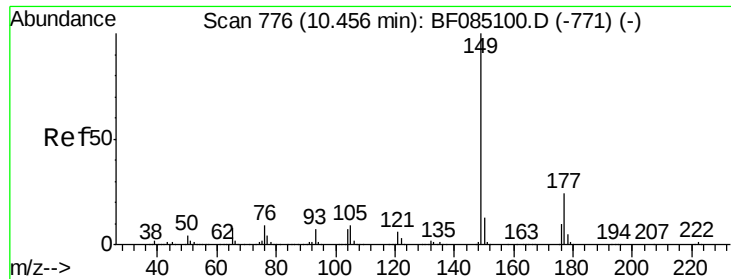
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	853945		
165	98.4	79.4	119.2	
167	13.3	11.2	16.8	



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.17 ng
 RT: 10.36 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF085128.D
 Acq: 2 Mar 2016 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	208853		
131	46.9	41.6	62.4	
130	2.3	2.1	3.1	
166	31.5	26.8	40.2	





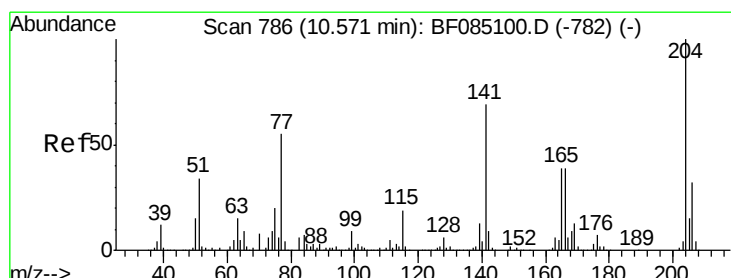
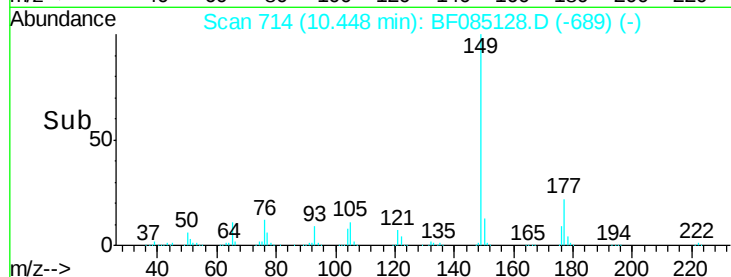
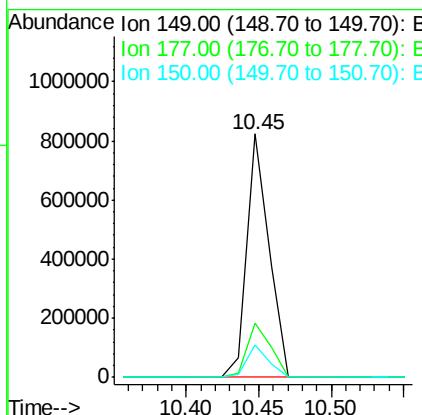
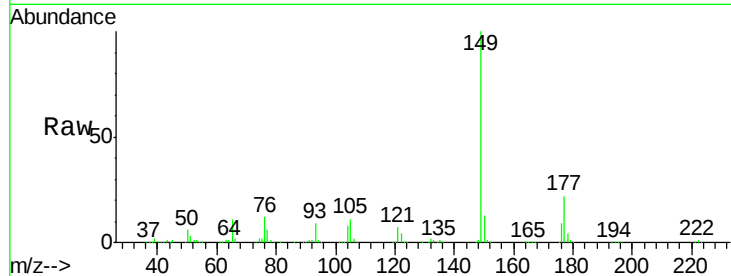
#59
Diethylphthalate
Concen: 38.97 ng
RT: 10.45 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	869926		
177	22.0	19.4	29.2	
150	13.1	10.1	15.1	

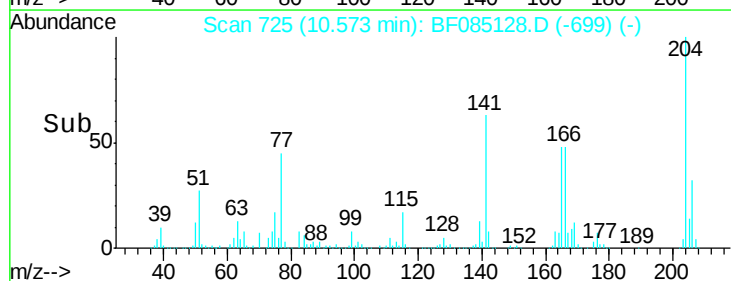
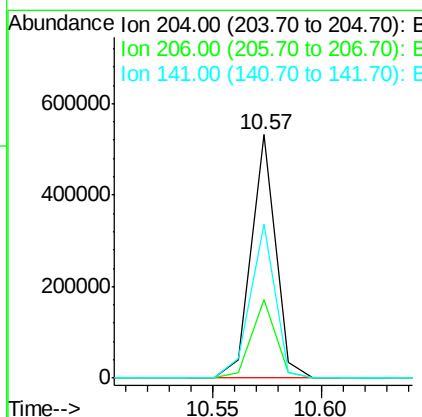
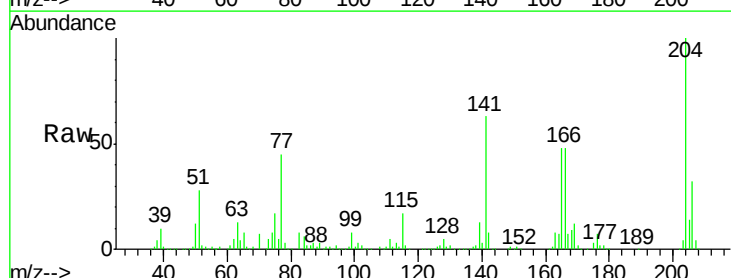
Manual Integrations
APPROVED

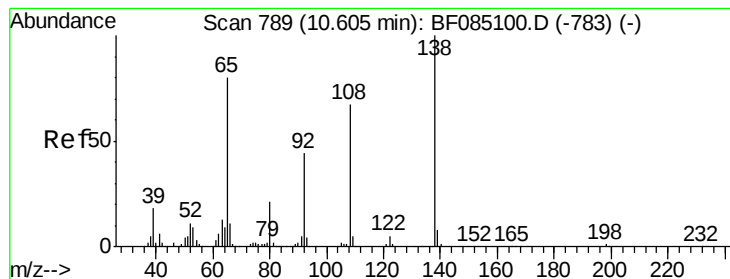
UMANGI
3/3/2016 1:42:50 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.71 ng
RT: 10.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

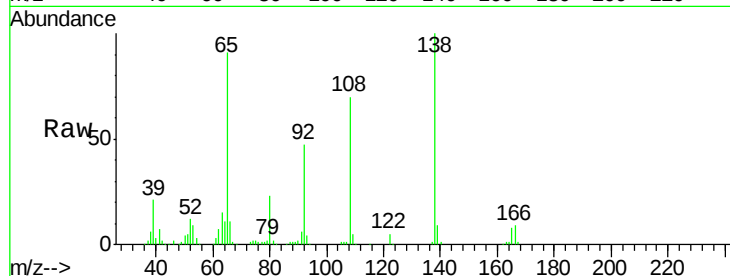
Tgt Ion	Ratio	Resp	Lower	Upper
204	100	416518		
206	32.3	25.7	38.5	
141	63.2	55.3	82.9	





#61
4-Nitroaniline
Concen: 41.47 ng
RT: 10.60 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

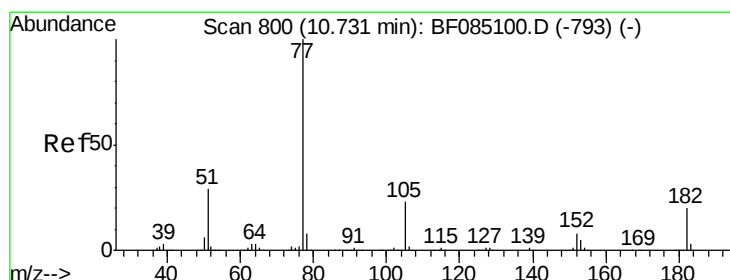
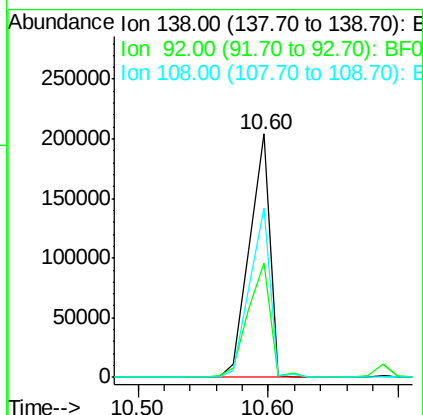
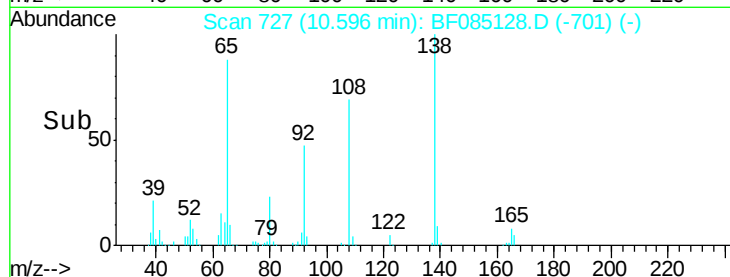
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
138	100	223060		
92	46.8	23.5	63.5	
108	69.8	46.8	86.8	

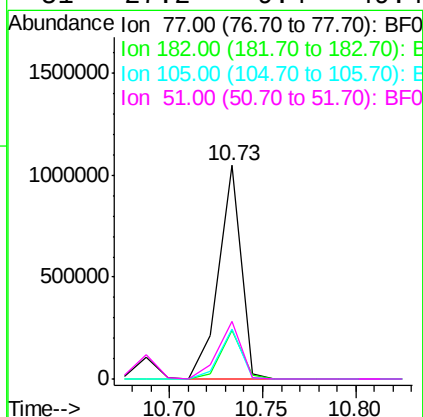
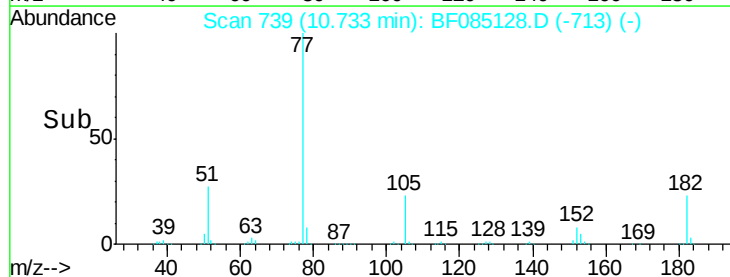
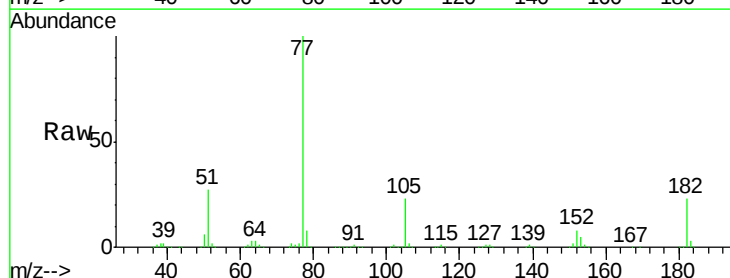
Manual Integrations
APPROVED

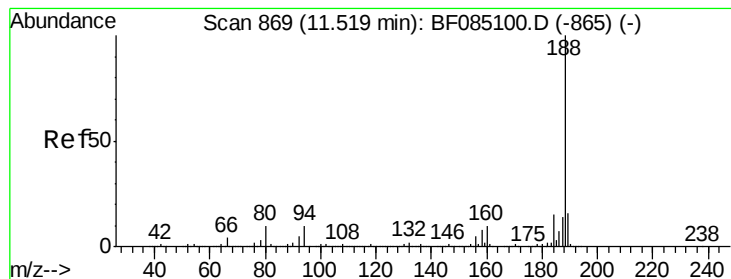
UMANGI
3/3/2016 1:42:50 PM



#62
Azobenzene
Concen: 39.12 ng
RT: 10.73 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	882418		
182	22.9	0.0	39.8	
105	23.5	2.7	42.7	
51	27.2	9.4	49.4	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.52 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Instrument :

BNA_F

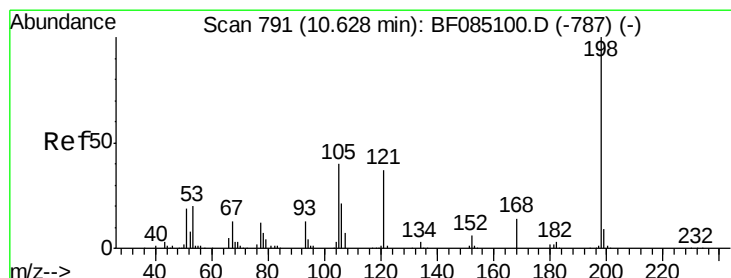
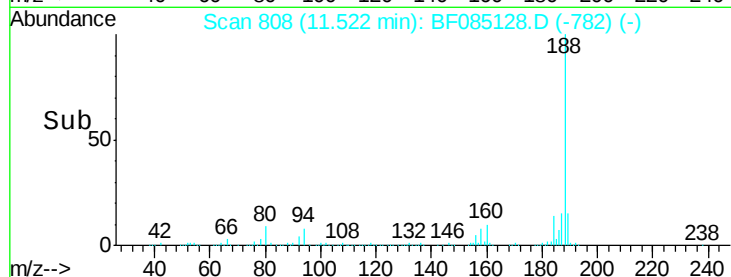
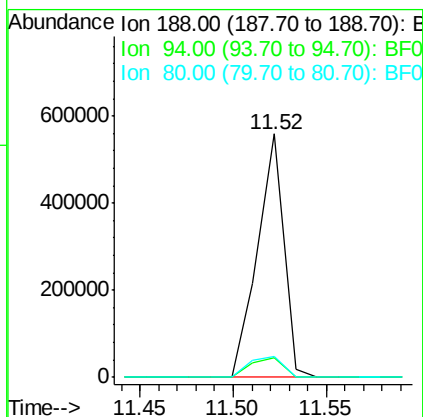
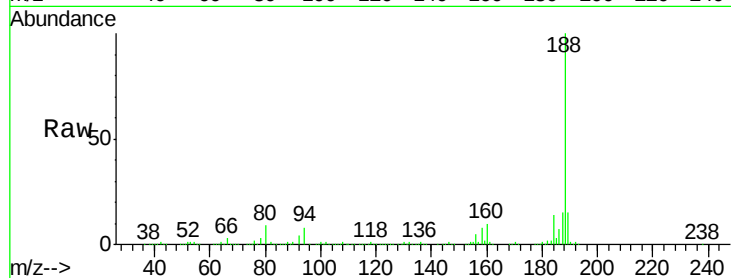
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	188	Resp:	546043
Ion Ratio	Lower	Upper	
188	100		
94	8.1	7.8	11.6
80	8.8	8.2	12.4

Manual Integrations
APPROVED

UMANGI
3/3/2016 1:42:50 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 31.22 ng

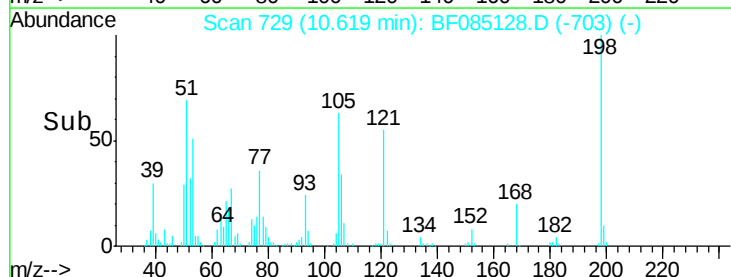
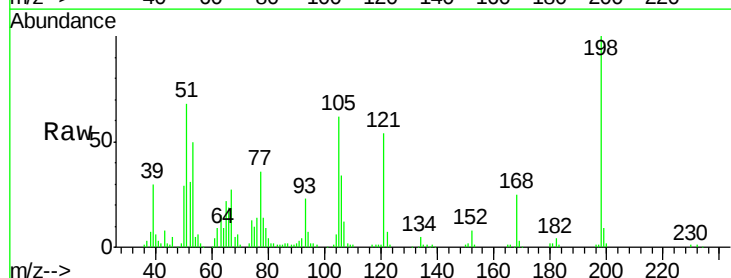
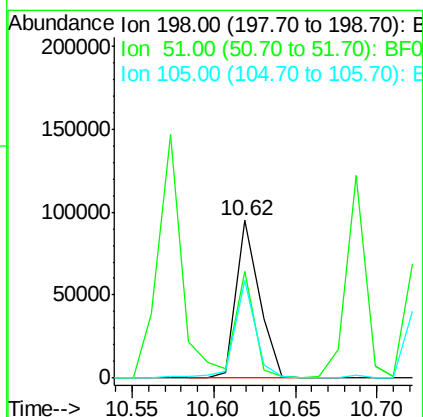
RT: 10.62 min Scan# 729

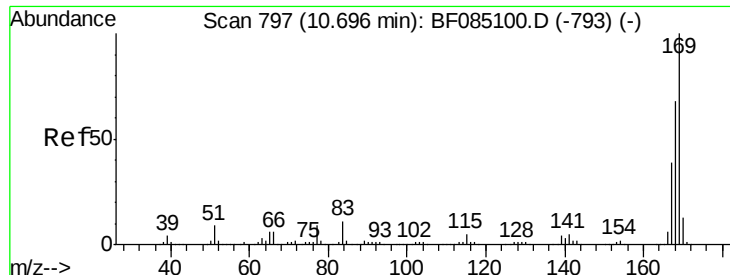
Delta R.T. -0.01 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Tgt Ion:	198	Resp:	92728
Ion Ratio	Lower	Upper	
198	100		
51	67.6	12.5	52.5#
105	61.8	20.2	60.2#





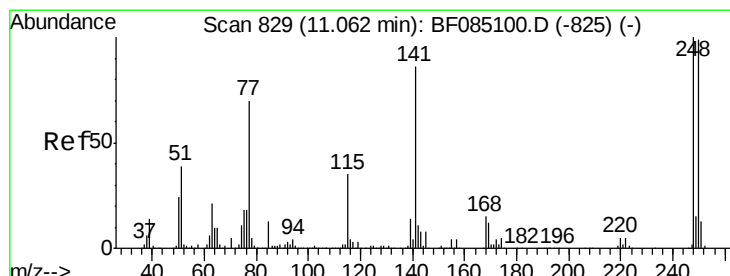
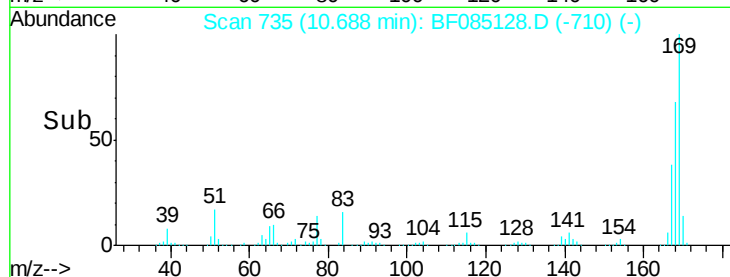
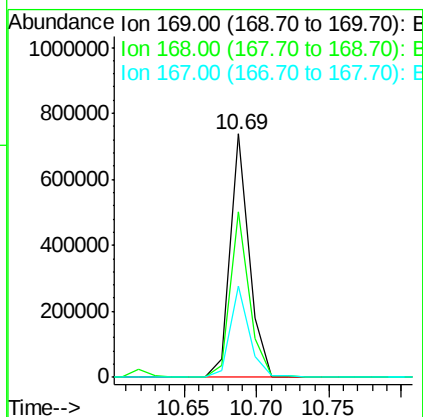
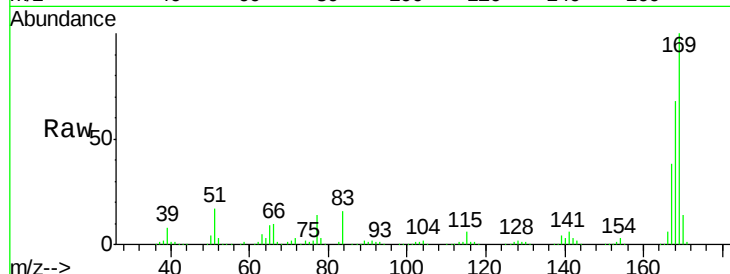
#65
 n-Nitrosodiphenylamine
 Concen: 38.80 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: BF085128.D
 Acq: 2 Mar 2016 19:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	667681		
168	67.8	54.6	81.8	
167	37.6	30.8	46.2	

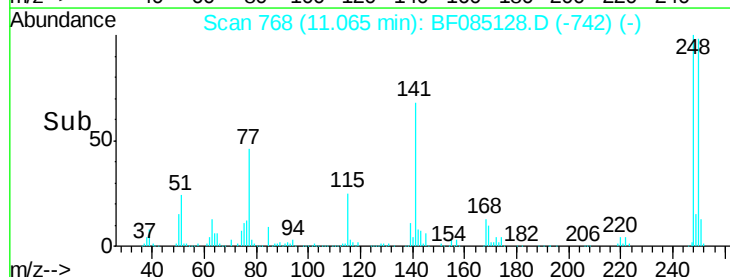
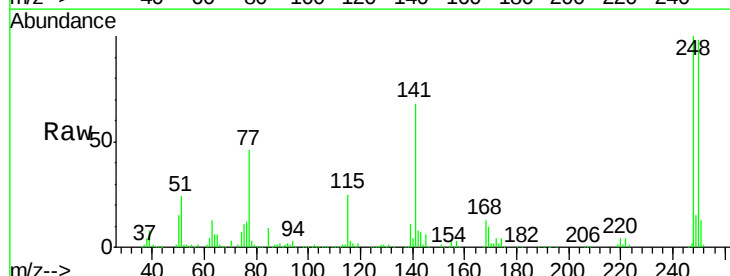
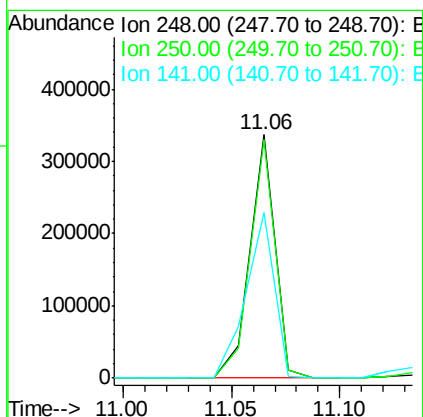
Manual Integrations
 APPROVED

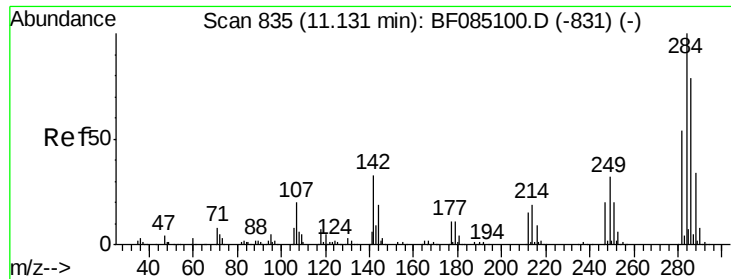
UMANGI
 3/3/2016 1:42:50 PM



#66
 4-Bromophenyl-phenylether
 Concen: 46.94 ng
 RT: 11.06 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF085128.D
 Acq: 2 Mar 2016 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	269142		
250	97.7	79.0	118.4	
141	67.9	68.6	103.0	





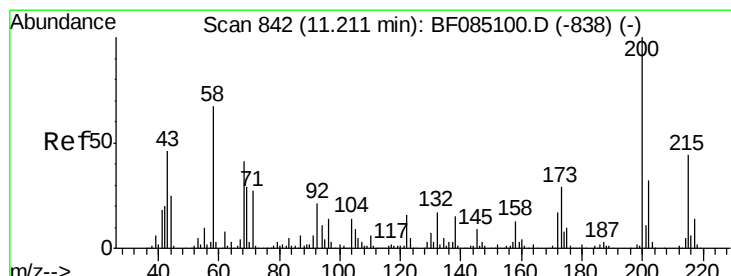
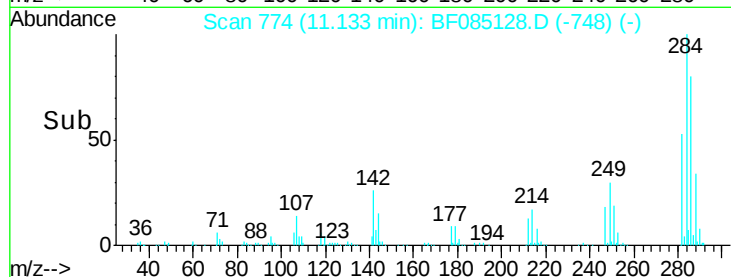
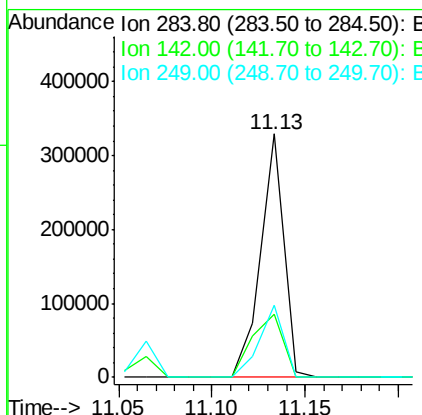
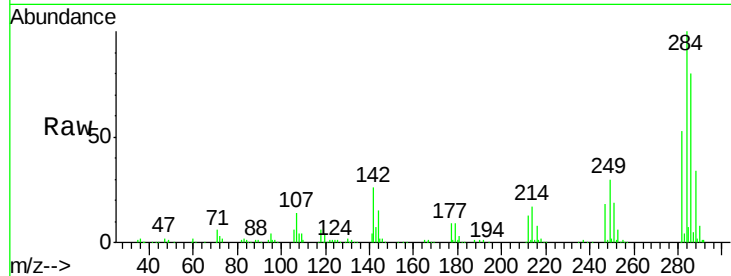
#67
Hexachlorobenzene
Concen: 43.63 ng
RT: 11.13 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	282381		
142	25.9	26.3	39.5#	
249	29.6	25.8	38.6	

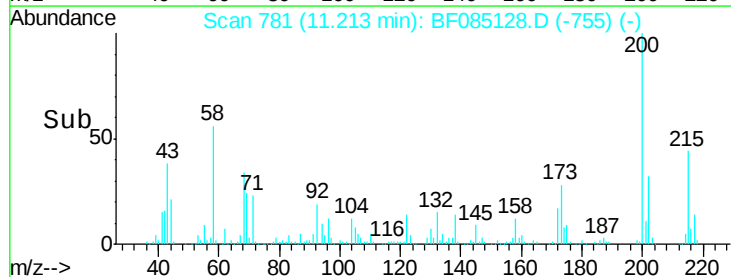
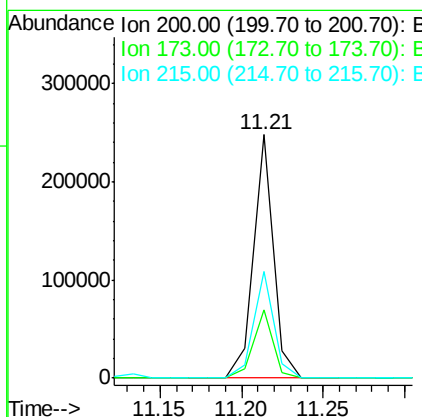
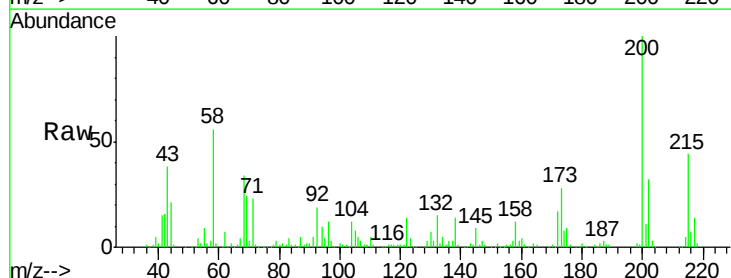
Manual Integrations
APPROVED

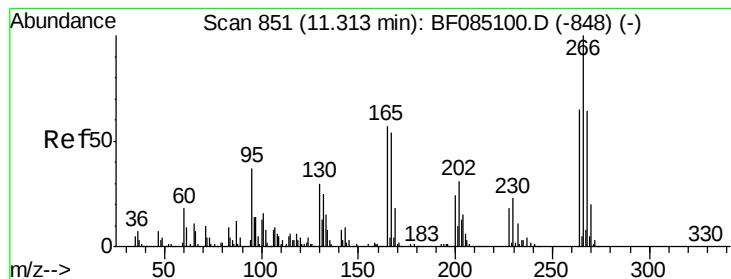
UMANGI
3/3/2016 1:42:50 PM



#68
Atrazine
Concen: 40.21 ng
RT: 11.21 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	211136		
173	28.2	9.4	49.4	
215	43.7	23.6	63.6	





#69

Pentachlorophenol

Concen: 36.59 ng

RT: 11.32 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Instrument :

BNA_F

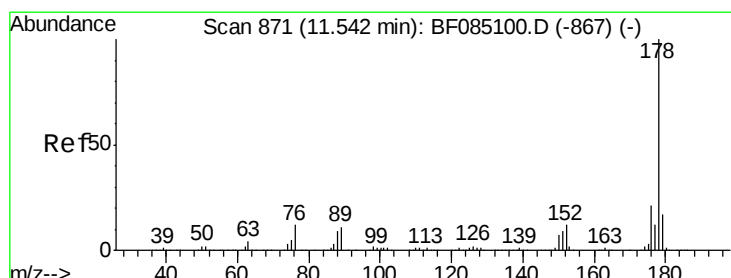
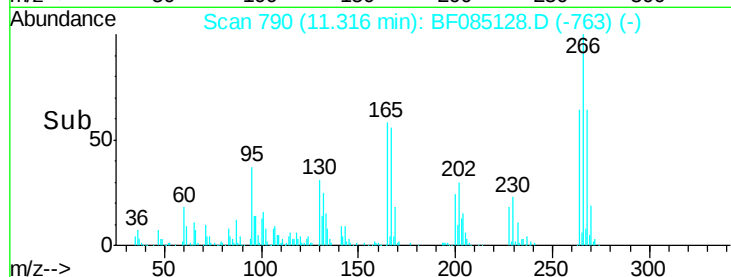
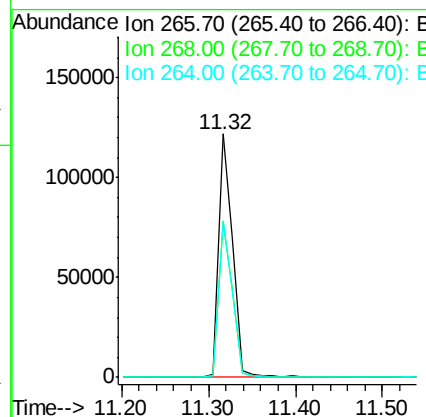
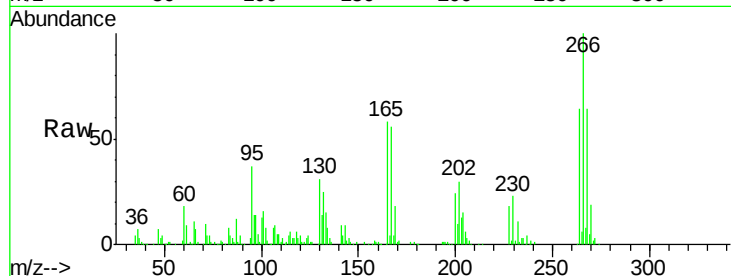
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	266	Resp:	138972
Ion Ratio	Lower	Upper	
266	100		
268	63.6	51.0	76.6
264	64.4	52.3	78.5

Manual Integrations
APPROVED

UMANGI
3/3/2016 1:42:50 PM



#70

Phenanthrene

Concen: 42.02 ng

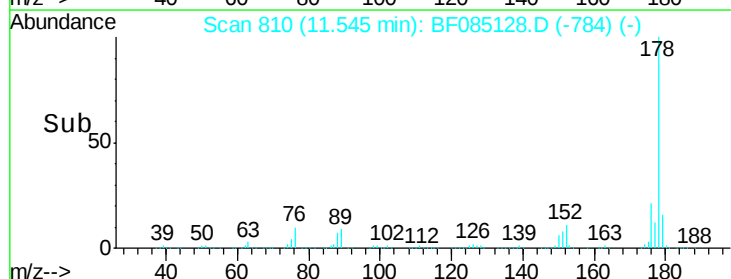
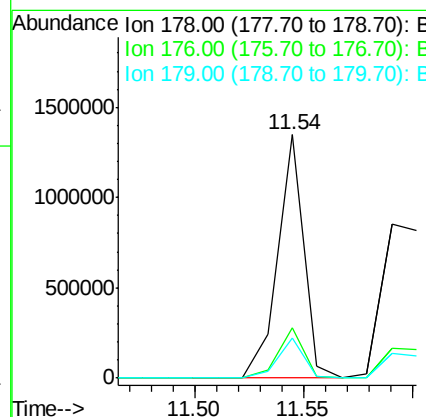
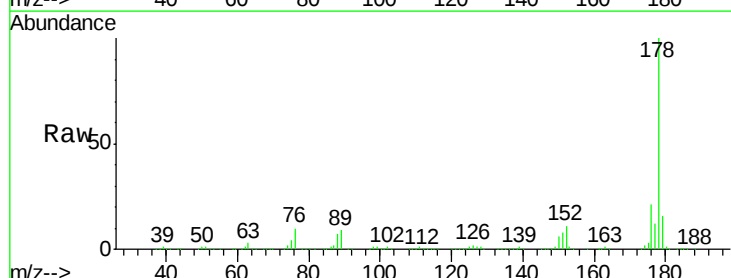
RT: 11.54 min Scan# 810

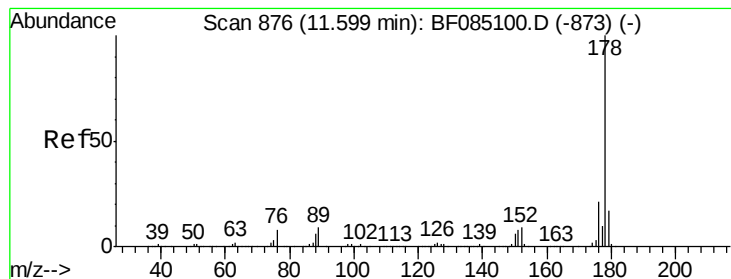
Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Tgt Ion:	178	Resp:	1141391
Ion Ratio	Lower	Upper	
178	100		
176	20.8	17.0	25.6
179	16.2	13.3	19.9





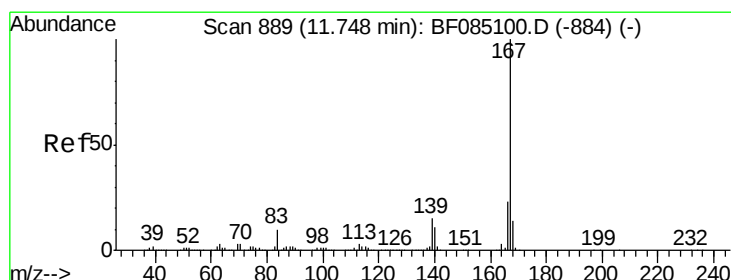
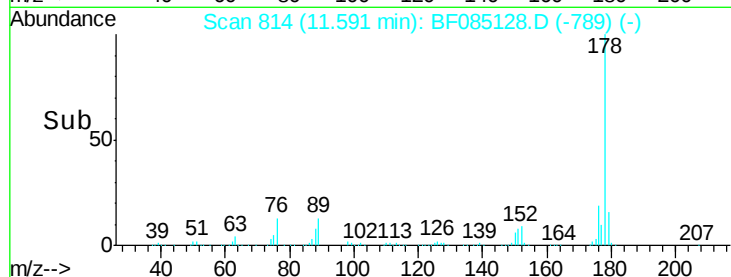
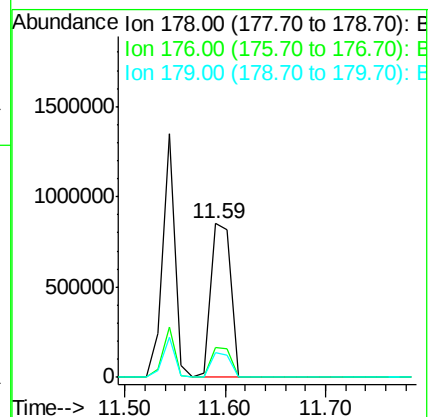
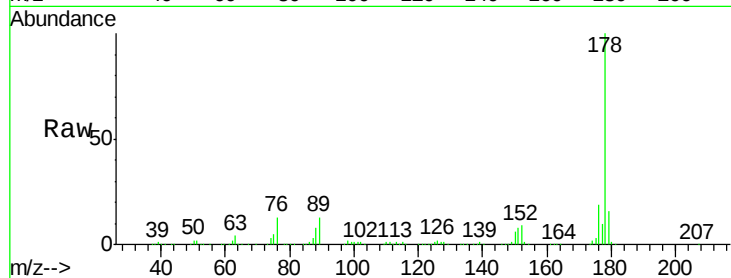
#71
 Anthracene
 Concen: 38.26 ng
 RT: 11.59 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF085128.D
 Acq: 2 Mar 2016 19:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:178 Resp: 1166966
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.6 25.0
 179 15.8 13.2 19.8

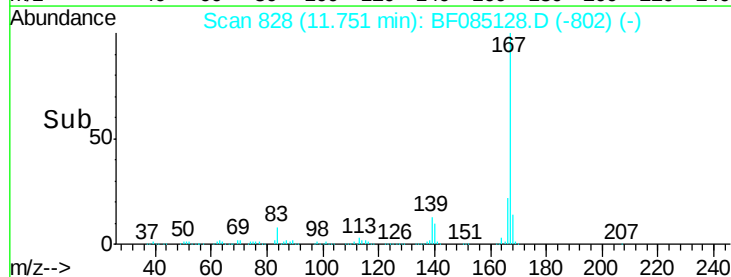
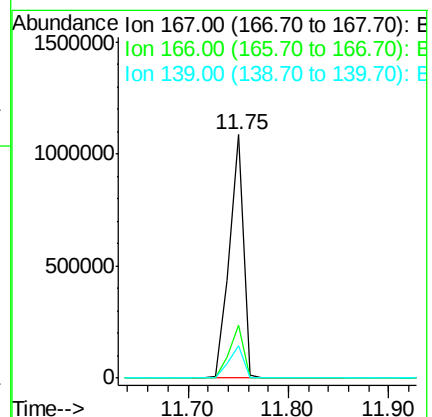
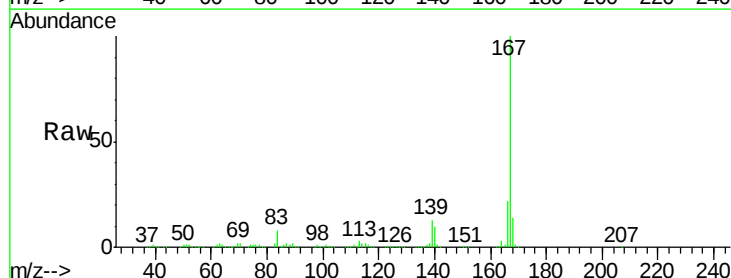
Manual Integrations
 APPROVED

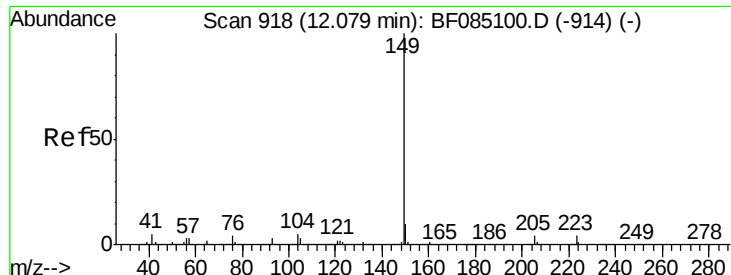
UMANGI
 3/3/2016 1:42:50 PM



#72
 Carbazole
 Concen: 40.02 ng
 RT: 11.75 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF085128.D
 Acq: 2 Mar 2016 19:23

Tgt Ion:167 Resp: 1062364
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.6 28.0
 139 13.2 11.8 17.8





#73

Di-n-butylphthalate

Concen: 41.64 ng

RT: 12.08 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Instrument :

BNA_F

ClientSampleId :

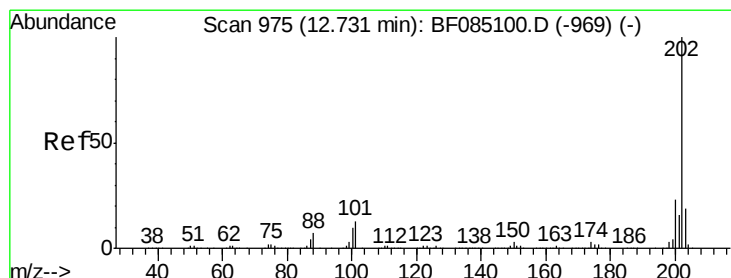
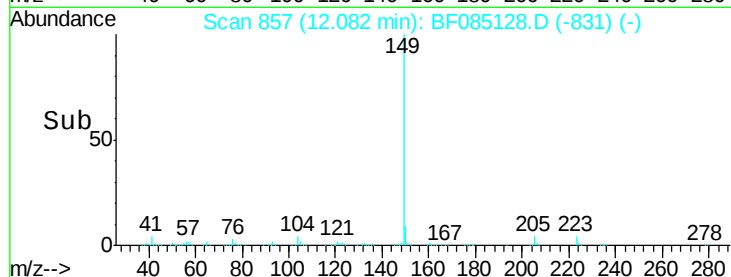
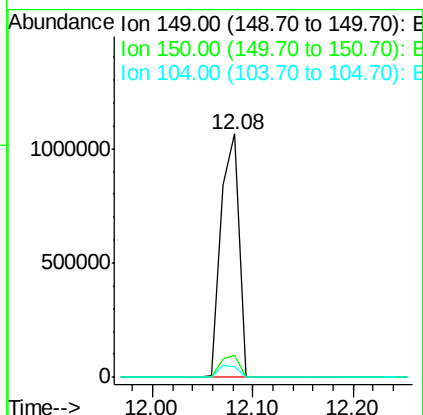
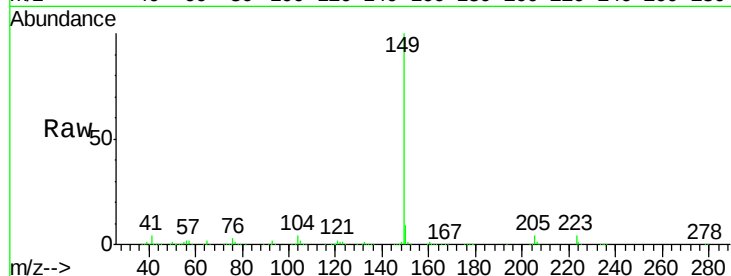
SSTDCCC040EC

Manual Integrations
APPROVED

UMANGI

3/3/2016 1:42:50 PM

Tgt Ion:	149	Resp:	1315511
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.7	11.5
104	4.1	3.7	5.5



#74

Fluoranthene

Concen: 37.32 ng

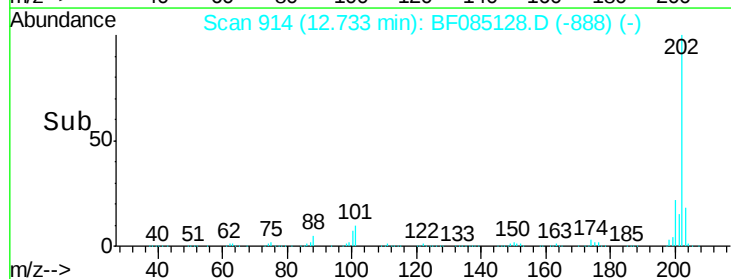
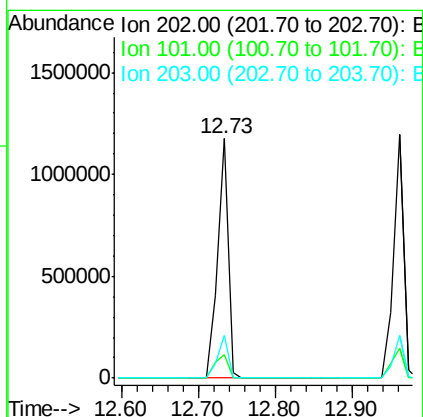
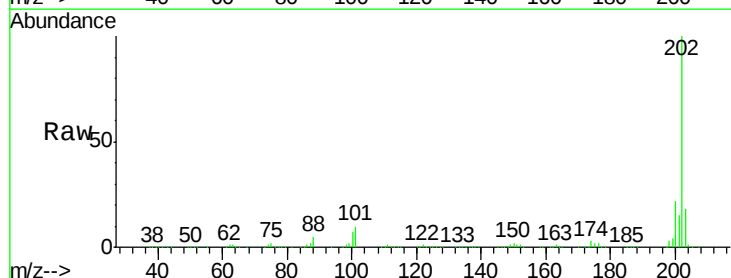
RT: 12.73 min Scan# 914

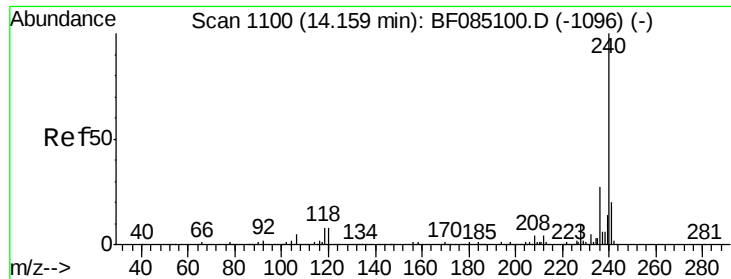
Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Tgt Ion:	202	Resp:	1112581
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	33.2
203	17.7	0.0	38.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Instrument :

BNA_F

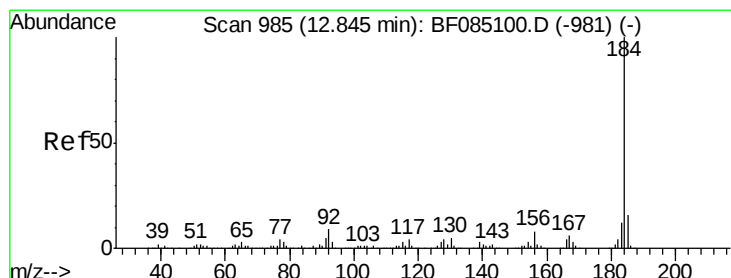
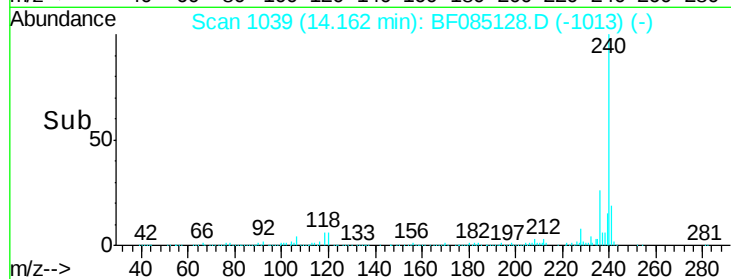
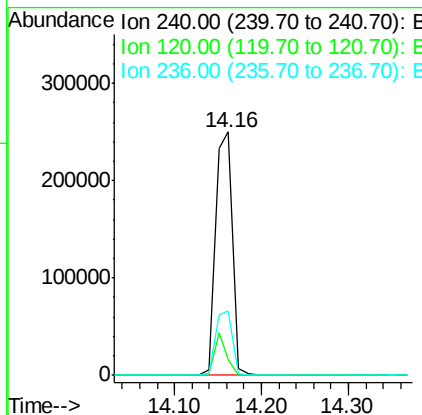
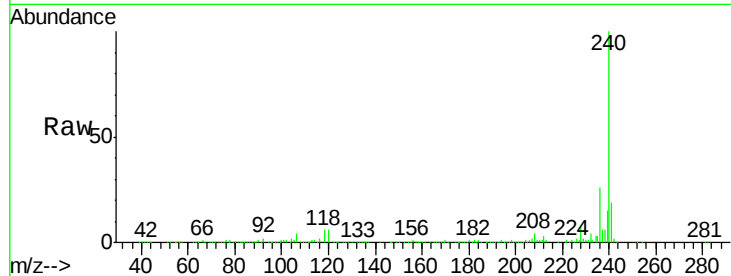
ClientSampleId :

SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	344628		
120	6.3	6.7	10.1#	
236	26.3	21.6	32.4	

Manual Integrations
APPROVED

UMANGI
3/3/2016 1:42:50 PM



#76

Benzidine

Concen: 45.25 ng

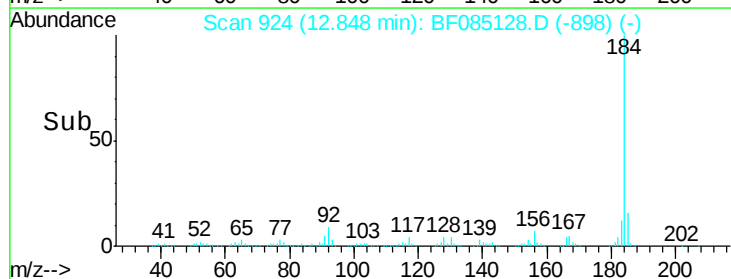
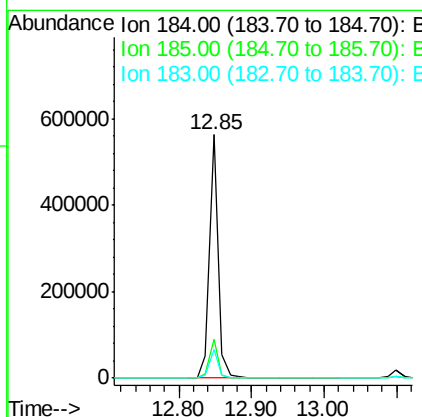
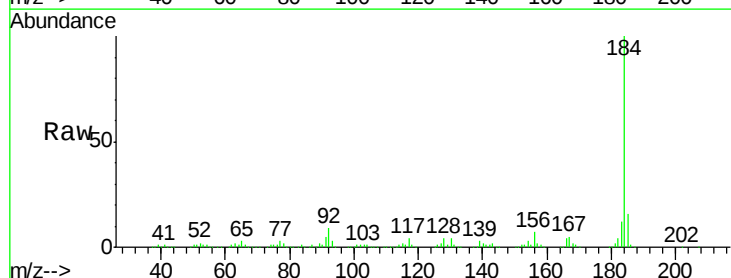
RT: 12.85 min Scan# 924

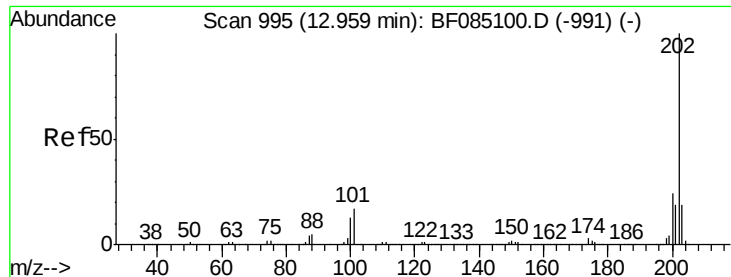
Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	471491		
185	15.8	12.6	18.8	
183	11.6	9.5	14.3	





#77

Pyrene

Concen: 45.81 ng

RT: 12.96 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 202 Resp: 1077730

Ion Ratio Lower Upper

202 100

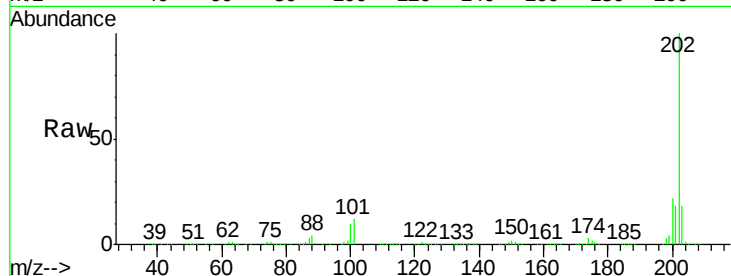
200 22.4 19.0 28.6

203 17.8 15.0 22.6

Manual Integrations
APPROVED

UMANGI

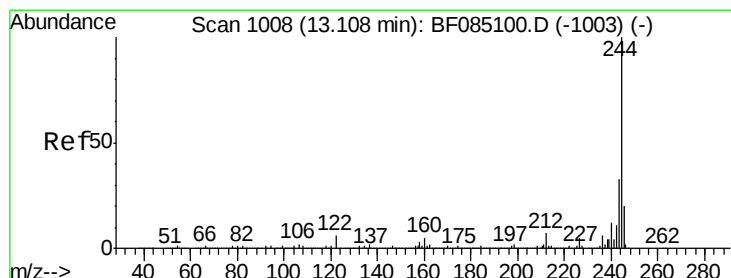
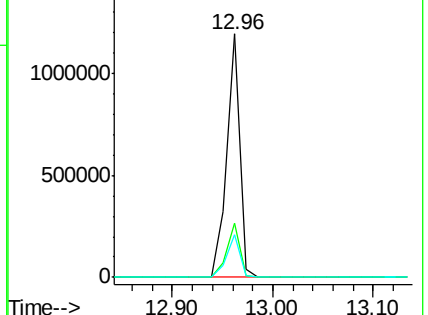
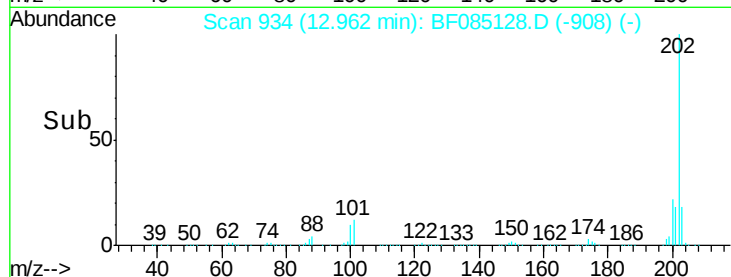
3/3/2016 1:42:50 PM



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: 82.38 ng

RT: 13.10 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

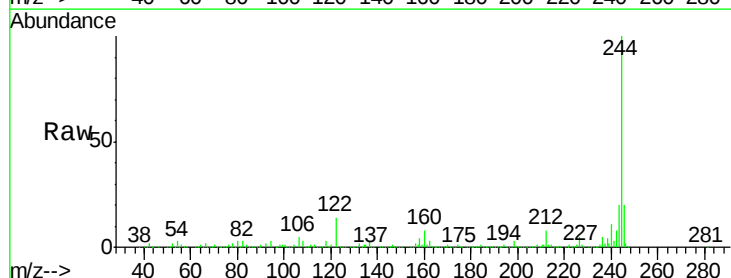
Tgt Ion: 244 Resp: 1210266

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.0

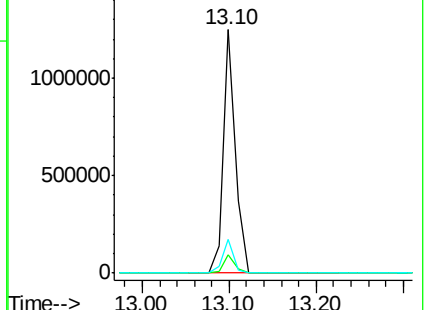
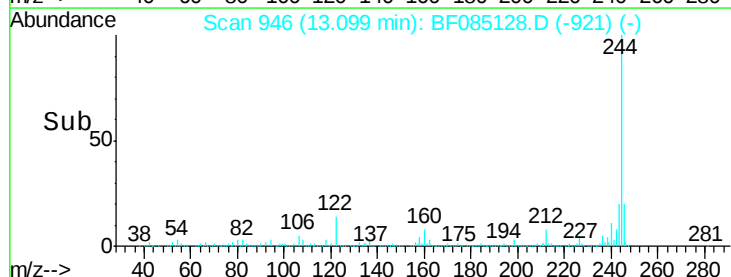
122 14.0 5.1 7.7#

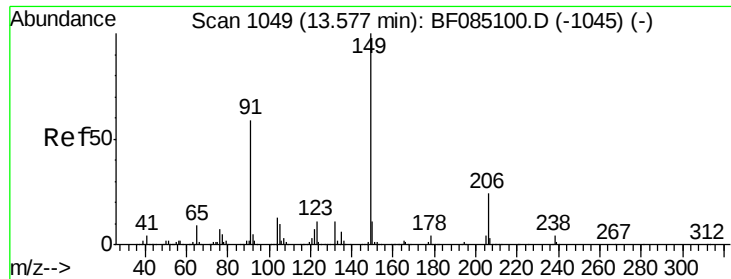


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





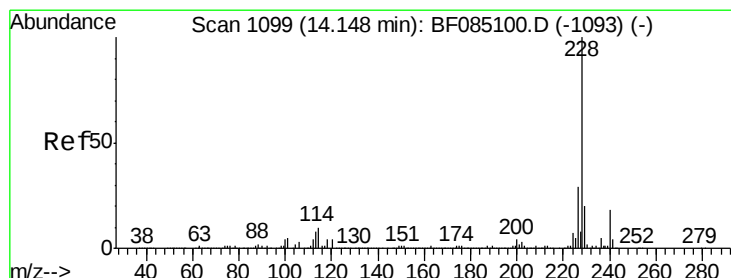
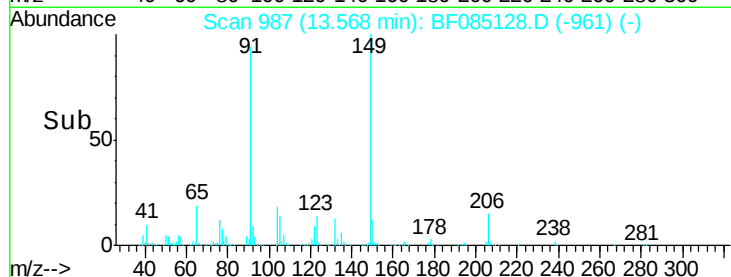
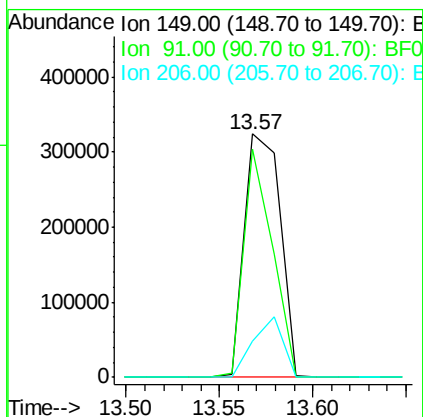
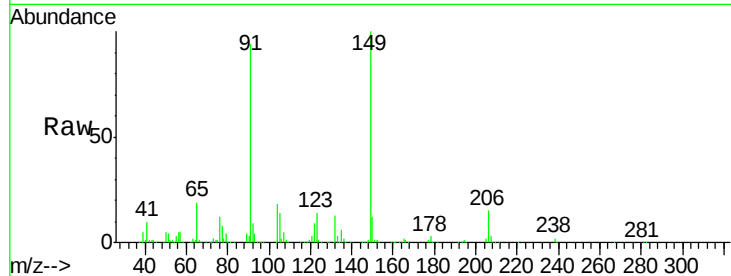
#79
Butylbenzylphthalate
Concen: 43.36 ng
RT: 13.57 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	431944		
91	93.6	46.9	70.3#	
206	15.0	19.0	28.6#	

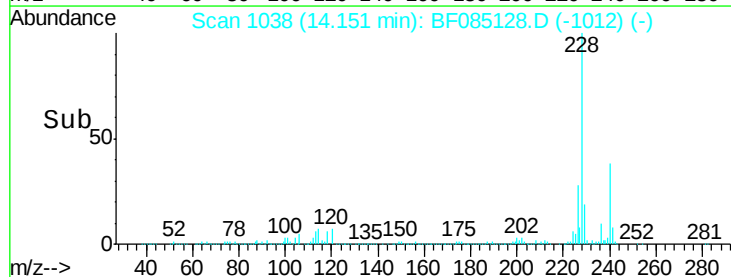
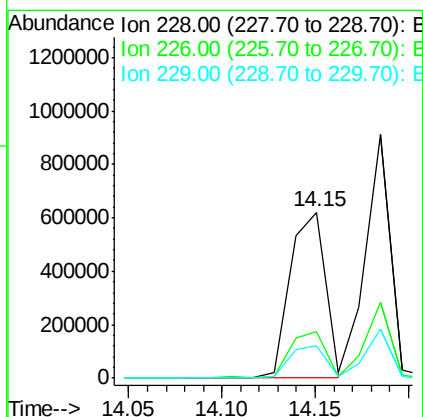
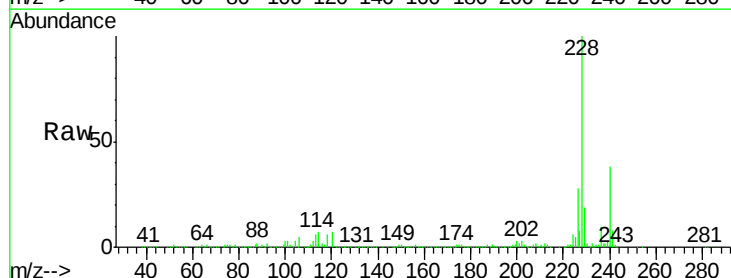
Manual Integrations
APPROVED

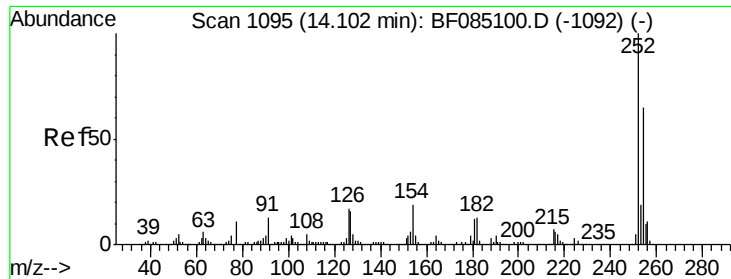
UMANGI
3/3/2016 1:42:50 PM



#80
Benzo(a)anthracene
Concen: 40.92 ng
RT: 14.15 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	818811		
226	28.2	23.0	34.4	
229	19.4	16.1	24.1	





#81

3,3'-Dichlorobenzidine

Concen: 49.72 ng

RT: 14.11 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Instrument :

BNA_F

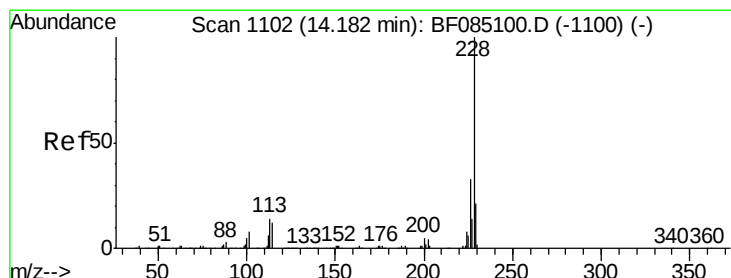
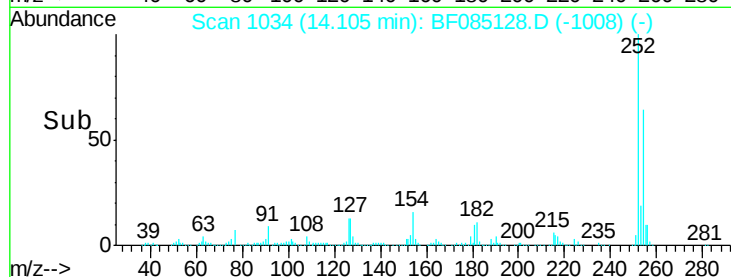
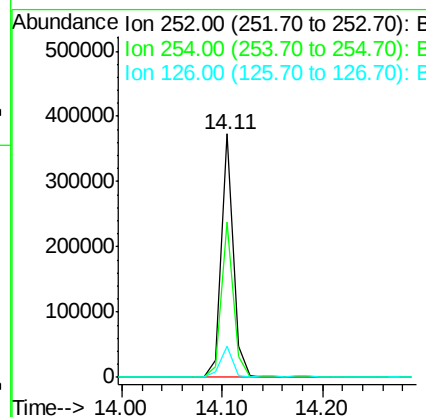
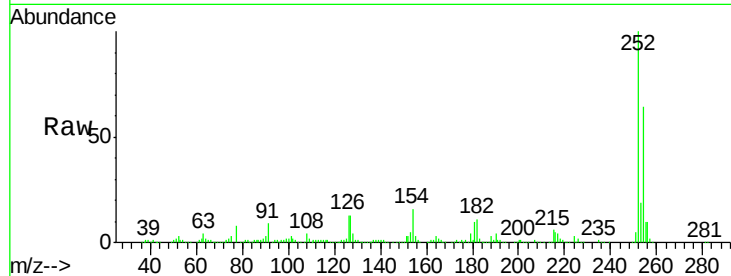
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	252	Resp:	310930
Ion Ratio	Lower	Upper	
252	100		
254	63.7	51.8	77.6
126	12.9	13.2	19.8#

Manual Integrations
APPROVED

UMANGI
3/3/2016 1:42:50 PM



#82

Chrysene

Concen: 45.65 ng

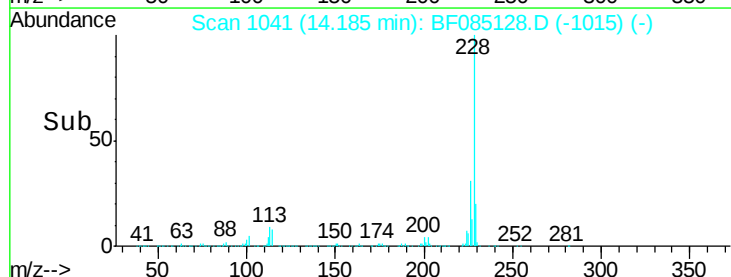
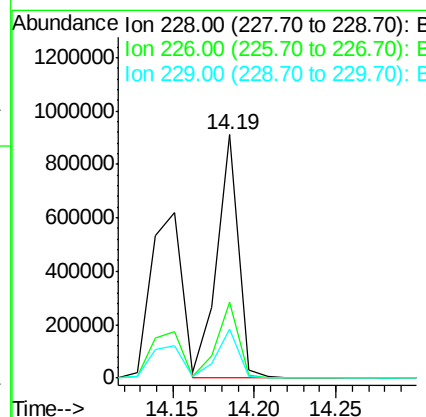
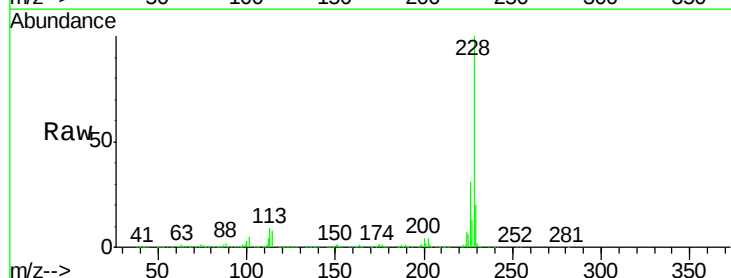
RT: 14.19 min Scan# 1041

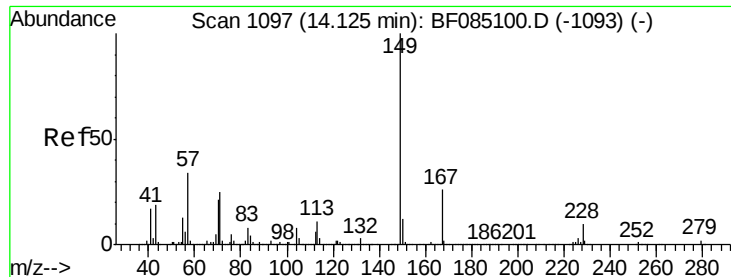
Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Tgt Ion:	228	Resp:	834170
Ion Ratio	Lower	Upper	
228	100		
226	31.1	26.2	39.4
229	19.9	16.5	24.7





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.18 ng

RT: 14.13 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF085128.D

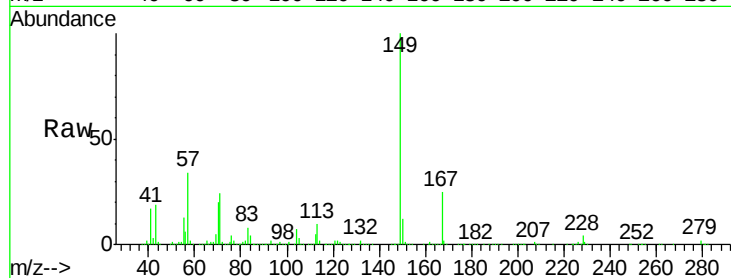
Acq: 2 Mar 2016 19:23

Instrument :

BNA_F

ClientSampleId :

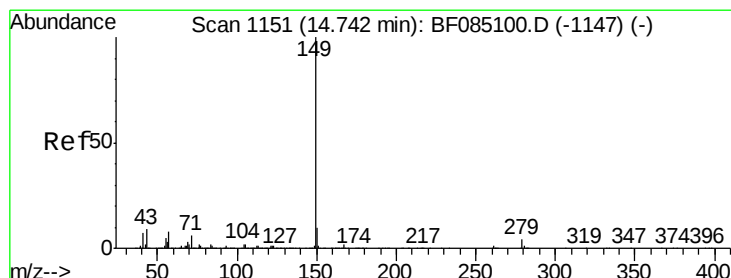
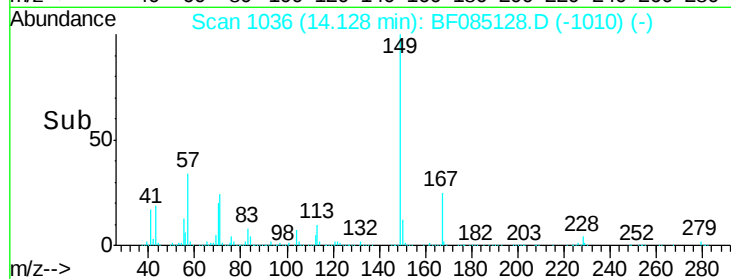
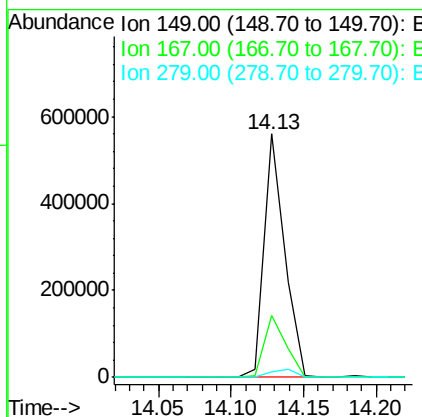
SSTDCCC040EC



Tgt Ion:	149	Resp:	554176
Ion Ratio	Lower	Upper	
149	100		
167	25.3	20.6	31.0
279	2.3	2.0	3.0

Manual Integrations
APPROVED

UMANGI
3/3/2016 1:42:50 PM



#84

Di-n-octyl phthalate

Concen: 54.83 ng

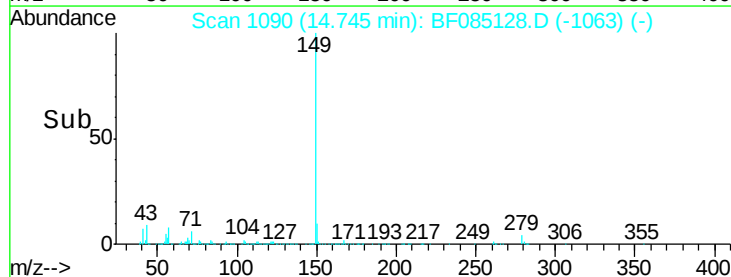
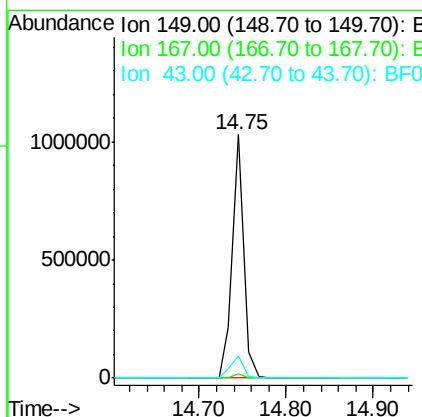
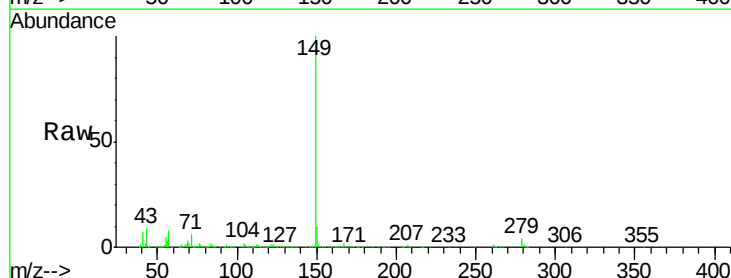
RT: 14.75 min Scan# 1090

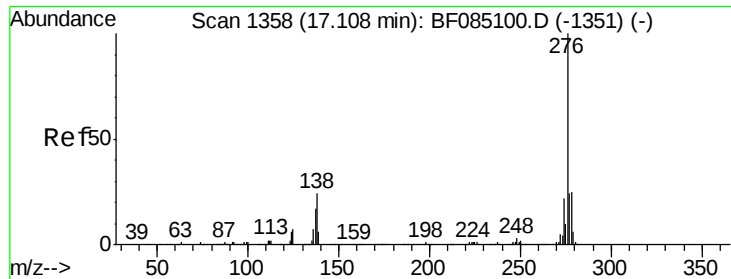
Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Tgt Ion:	149	Resp:	936147
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	10.5	8.8	13.2





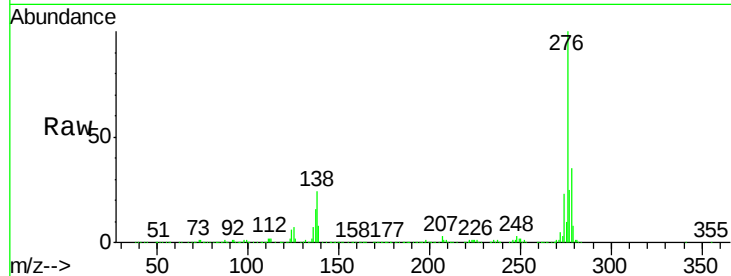
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 64.13 ng
 RT: 17.12 min Scan# 1298
 Delta R.T. 0.01 min
 Lab File: BF085128.D
 Acq: 2 Mar 2016 19:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

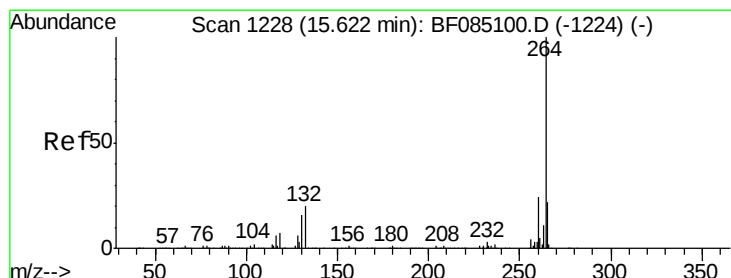
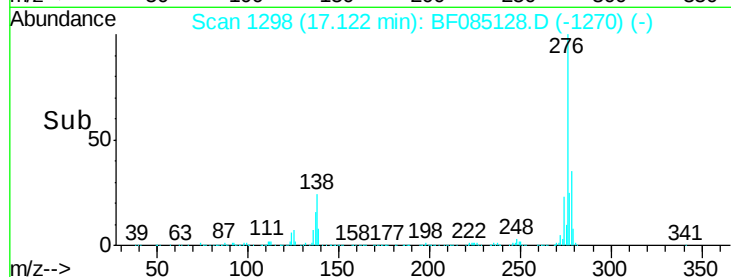
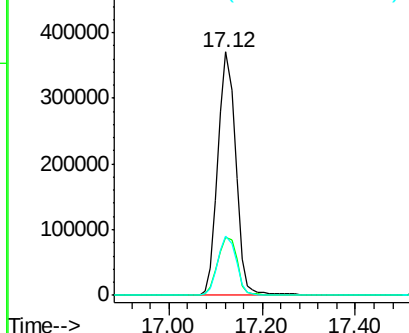
Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	26.1	21.4	32.2
277	25.3	20.1	30.1

Manual Integrations
 APPROVED

UMANGI
 3/3/2016 1:42:50 PM

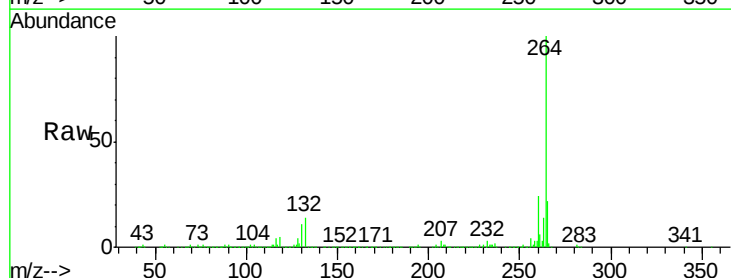


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

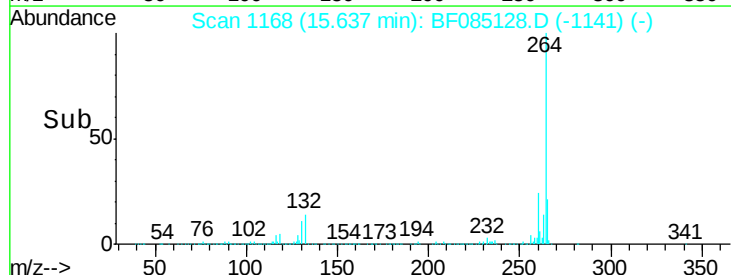
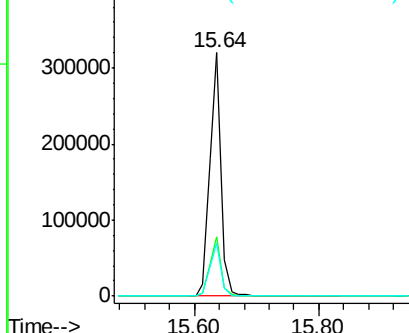


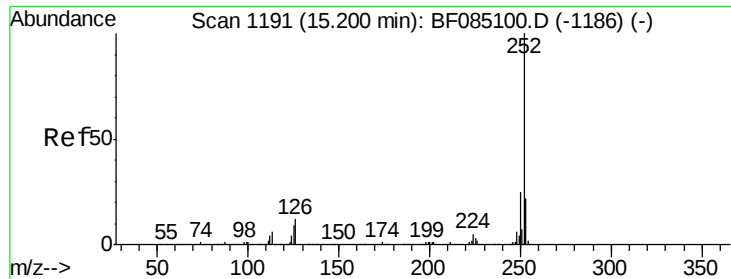
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.64 min Scan# 1168
 Delta R.T. 0.01 min
 Lab File: BF085128.D
 Acq: 2 Mar 2016 19:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.4	19.6	29.4
265	21.5	17.4	26.2



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





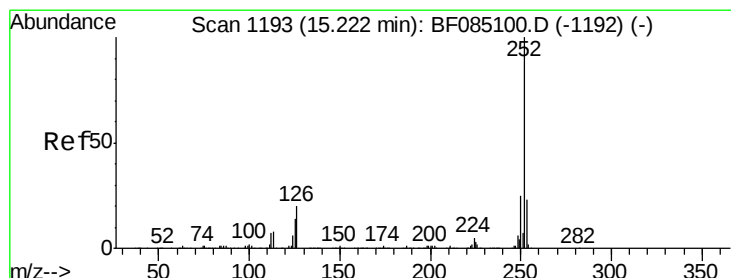
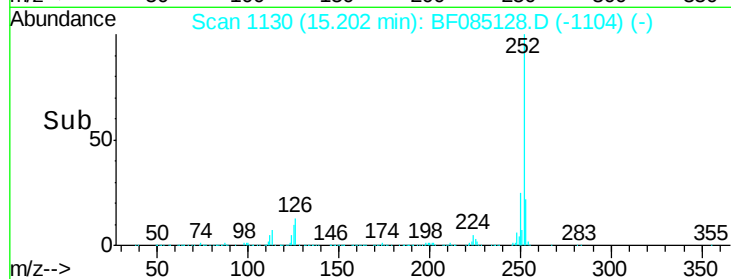
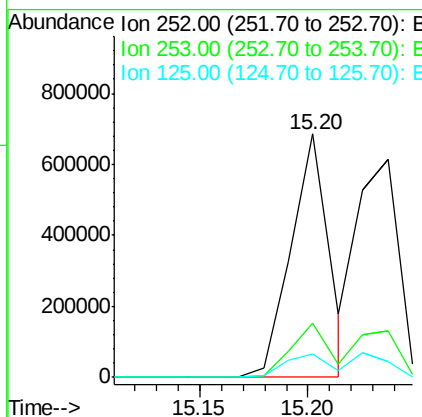
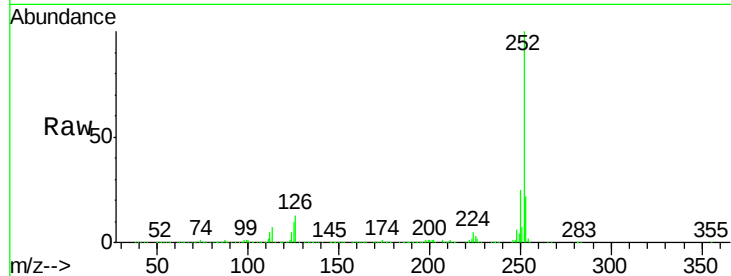
#87
Benzo(b)fluoranthene
Concen: 34.45 ng
RT: 15.20 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	9.8	7.0	10.4

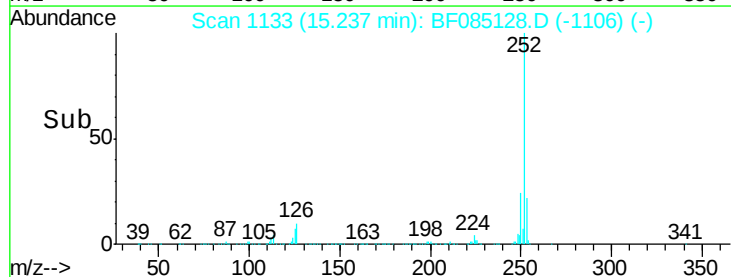
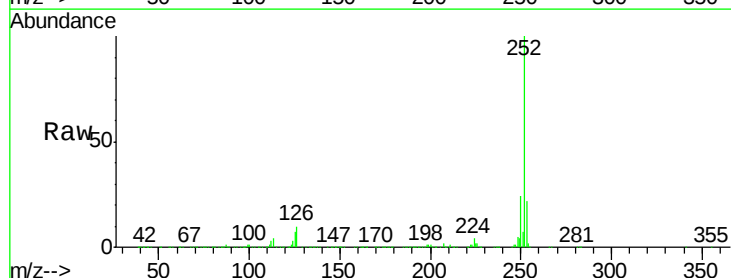
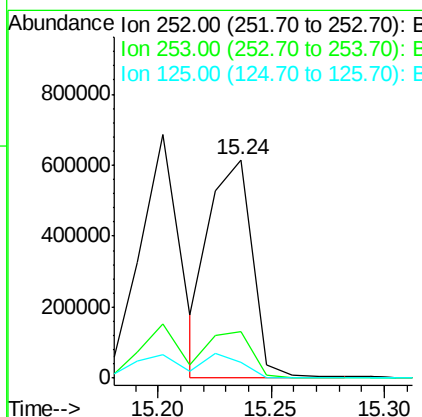
Manual Integrations
APPROVED

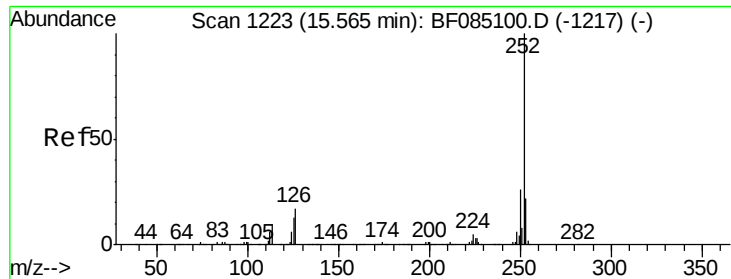
UMANGI
3/3/2016 1:42:50 PM



#88
Benzo(k)fluoranthene
Concen: 39.32 ng m
RT: 15.24 min Scan# 1133
Delta R.T. 0.01 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.4
125	7.1	11.1	16.7#





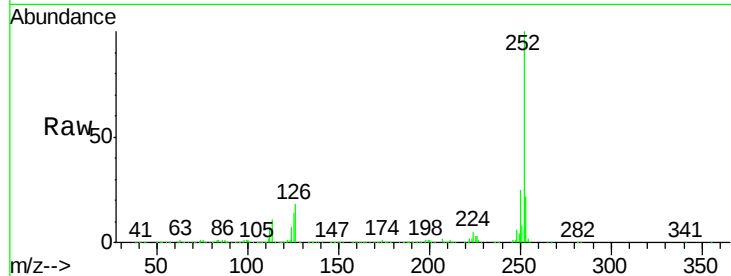
#89
Benzo(a)pyrene
Concen: 40.66 ng
RT: 15.57 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

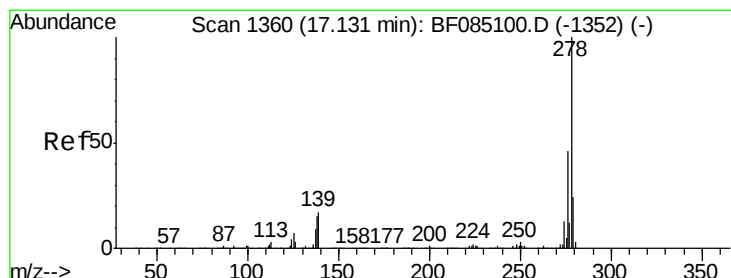
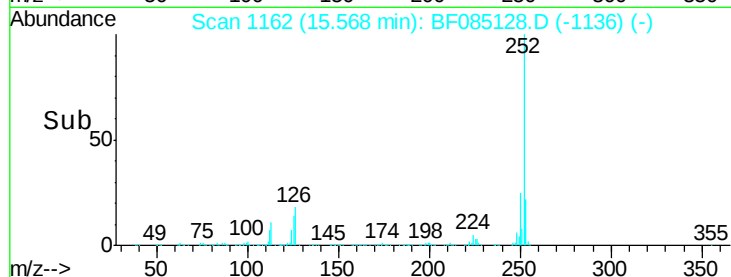
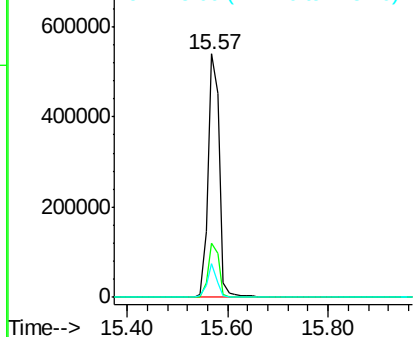
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	13.8	10.2	15.2

Manual Integrations
APPROVED

UMANGI
3/3/2016 1:42:50 PM



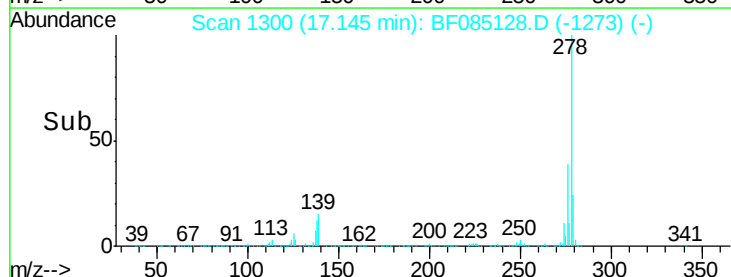
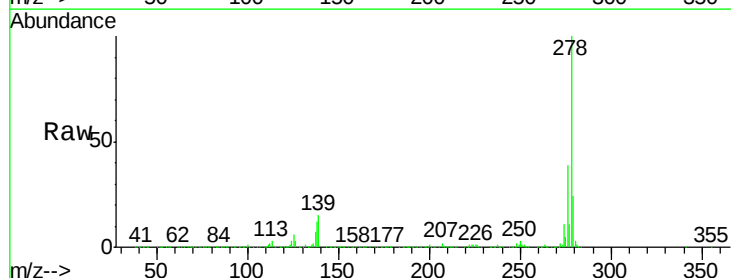
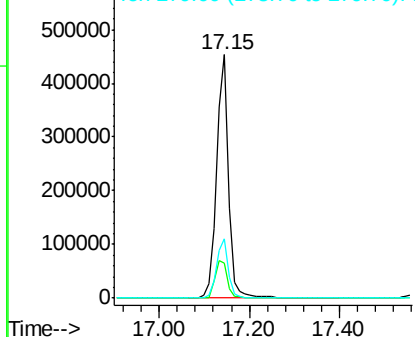
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

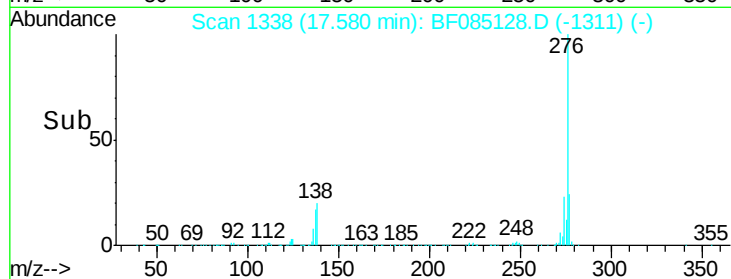
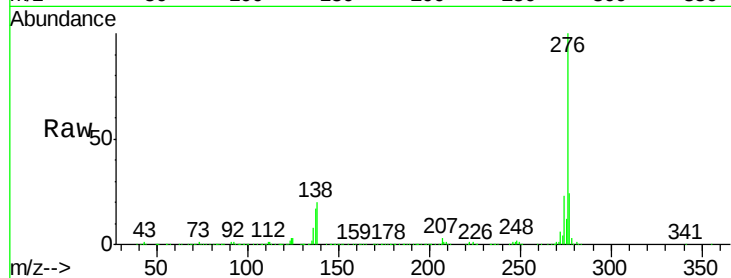
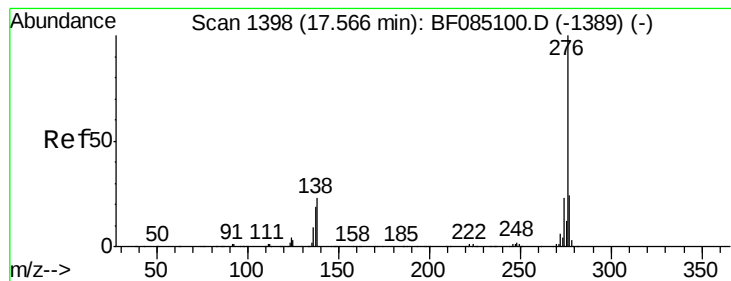


#90
Dibenzo(a,h)anthracene
Concen: 45.64 ng
RT: 17.15 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.6	13.6	20.4
279	24.2	19.3	28.9

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





#91

Benzo(g,h,i)perylene

Concen: 42.16 ng

RT: 17.58 min Scan# 1338

Delta R.T. 0.01 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:	276	Resp:	786643
Ion Ratio	Lower	Upper	
276	100		
277	23.6	19.0	28.4
138	20.5	18.1	27.1

Manual Integrations
APPROVED

UMANGI
3/3/2016 1:42:50 PM

