

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088588.D
 Acq On : 1 Jul 2016 22:11
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

sohil
 7/5/2016 7:31:17 PM

Quant Time: Jul 02 03:32:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	121076	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	462395	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	191340	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	318965	20.00	ng	0.00
75) Chrysene-d12	13.95	240	214874	20.00	ng	0.00
86) Perylene-d12	15.35	264	200649	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	564940	69.93	ng	-0.01
7) Phenol-d6	6.44	99	762248	73.02	ng	0.00
23) Nitrobenzene-d5	7.37	82	703622	79.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	121187	68.21	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	1102793	91.04	ng	0.00
78) Terphenyl-d14	12.90	244	655705	67.97	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.36	88	144154	35.99	ng	# 35
3) Pyridine	3.06	79	419170	36.07	ng	93
4) n-Nitrosodimethylamine	3.02	42	156554	35.26	ng	87
6) Aniline	6.47	93	523772	34.43	ng	95
8) 2-Chlorophenol	6.59	128	330883	38.11	ng	95
9) Benzaldehyde	6.35	77	259258	36.67	ng	87
10) Phenol	6.46	94	444979	37.35	ng	80
11) bis(2-Chloroethyl)ether	6.55	93	322505	36.30	ng	91
12) 1,3-Dichlorobenzene	6.75	146	363224	38.02	ng	96
13) 1,4-Dichlorobenzene	6.83	146	352561	37.18	ng	95
14) 1,2-Dichlorobenzene	6.98	146	334674m	37.70	ng	
15) Benzyl Alcohol	6.95	79	256266	33.36	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.10	45	442300	34.38	ng	92
17) 2-Methylphenol	7.07	107	261371	36.90	ng	97
18) Hexachloroethane	7.32	117	116902	31.87	ng	# 87
19) n-Nitroso-di-n-propylamine	7.23	70	261632	37.31	ng	89
20) 3+4-Methylphenols	7.22	107	285838	33.62	ng	# 73
22) Acetophenone	7.22	105	411816	36.69	ng	# 85
24) Nitrobenzene	7.39	77	341753	38.41	ng	# 82
25) Isophorone	7.63	82	607933	37.20	ng	94
26) 2-Nitrophenol	7.71	139	147675	40.48	ng	# 84
27) 2,4-Dimethylphenol	7.75	122	286937	37.76	ng	89
28) bis(2-Chloroethoxy)methane	7.85	93	425220	39.98	ng	# 96
29) 2,4-Dichlorophenol	7.95	162	255459	41.60	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	272083	40.37	ng	98
31) Naphthalene	8.11	128	865633	37.97	ng	100
32) Benzoic acid	7.86	122	155456	28.18	ng	91
33) 4-Chloroaniline	8.17	127	415874	41.00	ng	# 93
34) Hexachlorobutadiene	8.24	225	143640	39.81	ng	98
35) Caprolactam	8.54	113	79208	37.98	ng	98
36) 4-Chloro-3-methylphenol	8.65	107	286150	39.41	ng	94
37) 2-Methylnaphthalene	8.81	142	591723	40.31	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	265512	41.72	ng	# 1
40) Hexachlorocyclopentadiene	8.96	237	28565	9.14	ng	97

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088588.D
 Acq On : 1 Jul 2016 22:11
 Operator : UM/SJ
 Sample : SSTDC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Manual Integrations
 APPROVED

sohil
 7/5/2016 7:31:17 PM

Quant Time: Jul 02 03:32:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	179407	42.76	ng	97
43) 2,4,5-Trichlorophenol	9.12	196	145232	40.23	ng	# 85
45) 1,1'-Biphenyl	9.27	154	647162	40.85	ng	97
46) 2-Chloronaphthalene	9.29	162	495304	39.82	ng	97
47) 2-Nitroaniline	9.38	65	175175	39.68	ng	91
48) Acenaphthylene	9.70	152	785205	39.67	ng	100
49) Dimethylphthalate	9.58	163	636484	46.69	ng	99
50) 2,6-Dinitrotoluene	9.63	165	132993	44.02	ng	# 86
51) Acenaphthene	9.88	154	463138	38.18	ng	99
52) 3-Nitroaniline	9.79	138	142512	37.11	ng	88
53) 2,4-Dinitrophenol	9.90	184	7470	5.60	ng	94
54) Dibenzofuran	10.04	168	614355	38.69	ng	# 87
55) 4-Nitrophenol	9.95	139	108887	37.31	ng	# 84
56) 2,4-Dinitrotoluene	10.03	165	160204	40.56	ng	97
57) Fluorene	10.39	166	425973	34.81	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	108083	38.70	ng	# 56
59) Diethylphthalate	10.27	149	576246	42.12	ng	99
60) 4-Chlorophenyl-phenylether	10.39	204	229400	40.35	ng	98
61) 4-Nitroaniline	10.40	138	141267	38.22	ng	83
62) Azobenzene	10.55	77	619348	39.69	ng	95
64) 4,6-Dinitro-2-methylphenol	10.43	198	14492	8.49	ng	83
65) n-Nitrosodiphenylamine	10.50	169	438028	40.58	ng	99
66) 4-Bromophenyl-phenylether	10.88	248	134653	41.89	ng	# 89
67) Hexachlorobenzene	10.94	284	141155	39.67	ng	96
68) Atrazine	11.03	200	113691	33.80	ng	92
69) Pentachlorophenol	11.13	266	72190	34.28	ng	99
70) Phenanthrene	11.35	178	678754	38.93	ng	99
71) Anthracene	11.39	178	620931	35.82	ng	99
72) Carbazole	11.55	167	630783	38.66	ng	99
73) Di-n-butylphthalate	11.90	149	813609	42.87	ng	98
74) Fluoranthene	12.53	202	583098	32.99	ng	97
76) Benzidine	12.65	184	384163	35.37	ng	99
77) Pyrene	12.75	202	616083	33.82	ng	99
79) Butylbenzylphthalate	13.38	149	296320	36.46	ng	# 87
80) Benzo(a)anthracene	13.94	228	512970	37.07	ng	99
81) 3,3'-Dichlorobenzidine	13.91	252	226548	43.55	ng	98
82) Chrysene	13.98	228	527209	38.51	ng	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	365730	39.42	ng	98
84) Di-n-octyl phthalate	14.55	149	678834	43.07	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.70	276	397476	37.74	ng	# 100
87) Benzo(b)fluoranthene	14.95	252	577122m	45.85	ng	
88) Benzo(k)fluoranthene	14.98	252	343137m	31.32	ng	
89) Benzo(a)pyrene	15.29	252	420718	39.48	ng	# 95
90) Dibenzo(a,h)anthracene	16.71	278	348064	39.11	ng	98
91) Benzo(g,h,i)perylene	17.10	276	337054	36.60	ng	98

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

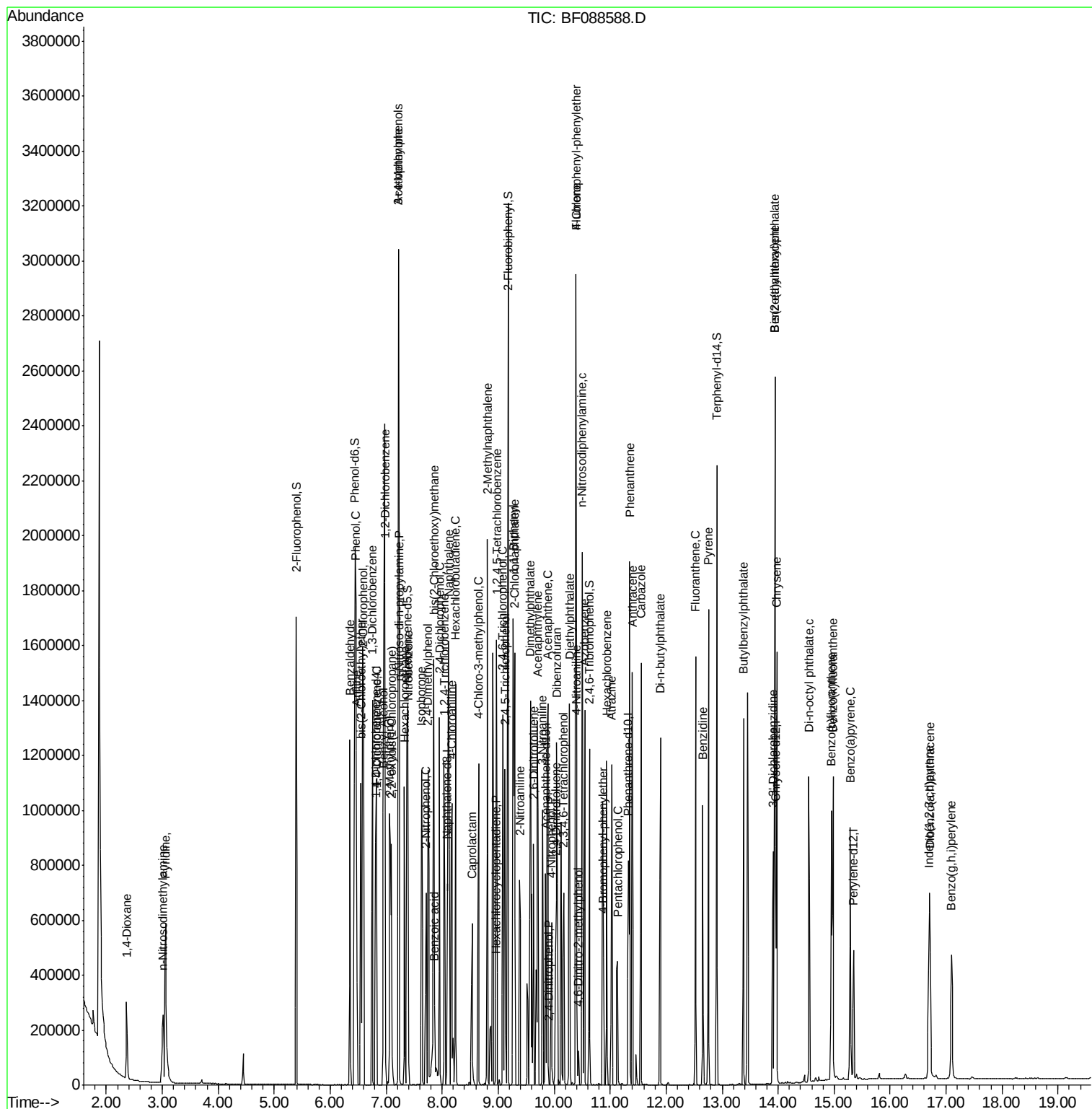
```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\  
Data File : BF088588.D  
Acq On    : 1 Jul 2016 22:11  
Operator  : UM/SJ  
Sample    : SSTCCC040  
Misc      :  
ALS Vial  : 2 Sample Multiplier: 1
```

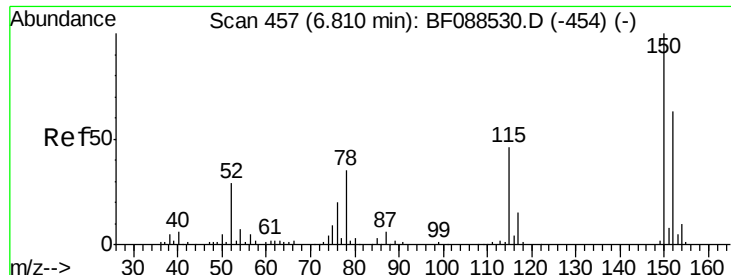
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

sohil
7/5/2016 7:31:17 PM

Quant Time: Jul 02 03:32:27 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration





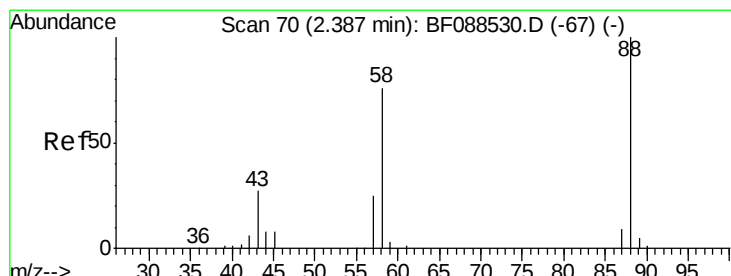
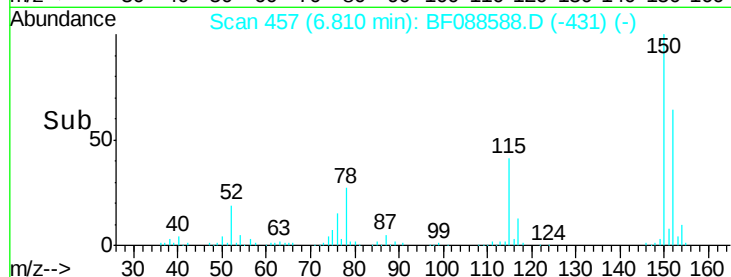
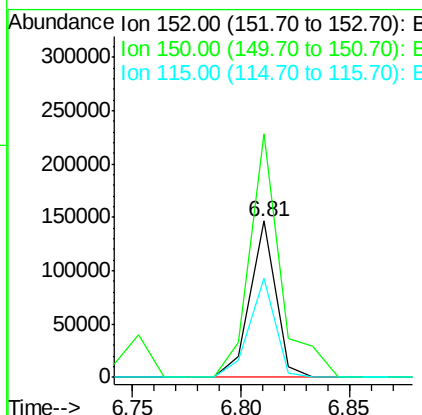
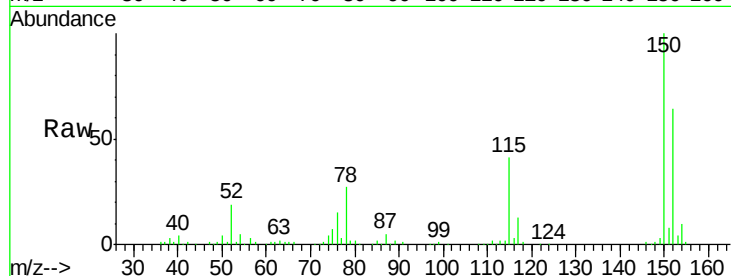
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 457
 Delta R.T. -0.00 min
 Lab File: BF088588.D
 Acq: 1 Jul 2016 22:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.6	123.8	185.6
115	63.6	39.6	59.4

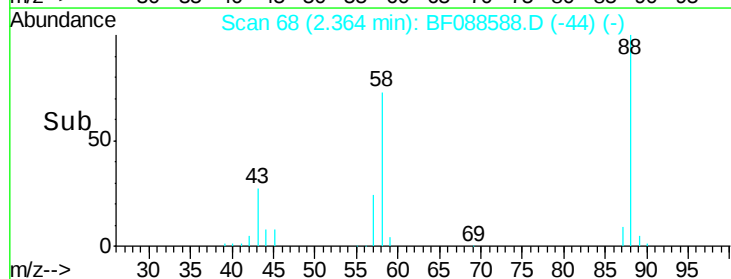
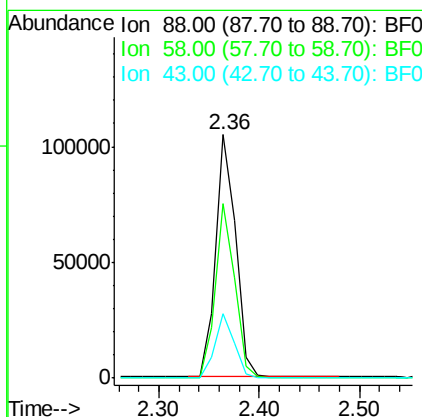
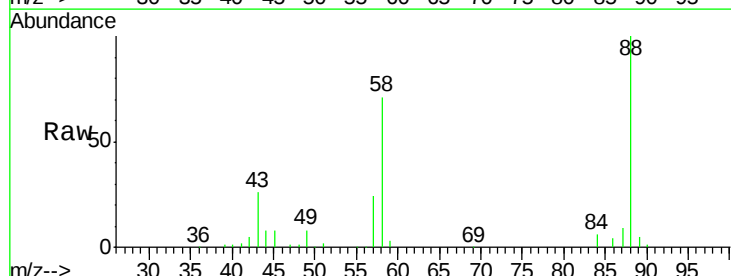
Manual Integrations
 APPROVED

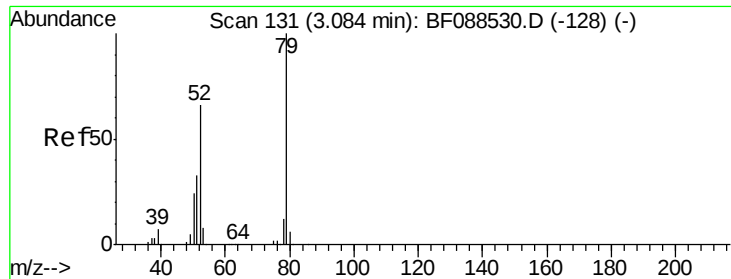
sohil
 7/5/2016 7:31:17 PM



#2
 1,4-Dioxane
 Concen: 35.99 ng
 RT: 2.36 min Scan# 68
 Delta R.T. -0.02 min
 Lab File: BF088588.D
 Acq: 1 Jul 2016 22:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.5	0.0	0.0
43	25.8	3.4	5.2





#3

Pyridine

Concen: 36.07 ng

RT: 3.06 min Scan# 129

Delta R.T. -0.02 min

Lab File: BF088588.D

Acq: 1 Jul 2016 22:11

Instrument :

BNA_F

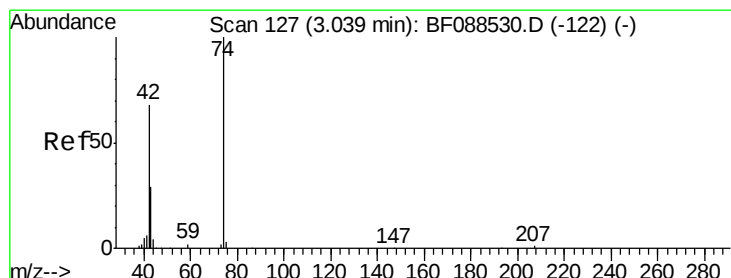
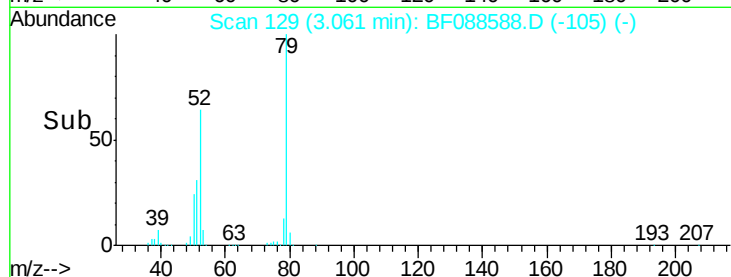
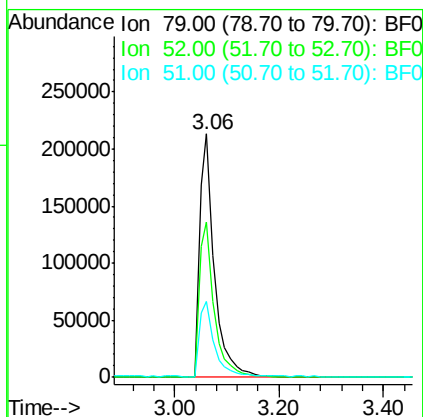
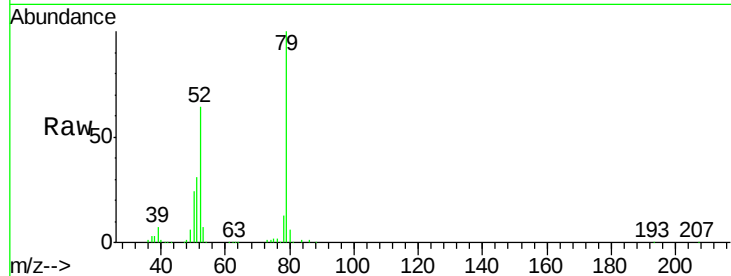
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	419170
Ion	Ratio	Lower	Upper
79	100		
52	63.8	56.3	84.5
51	31.3	27.4	41.2

Manual Integrations
APPROVED

sohil
7/5/2016 7:31:17 PM



#4

n-Nitrosodimethylamine

Concen: 35.26 ng

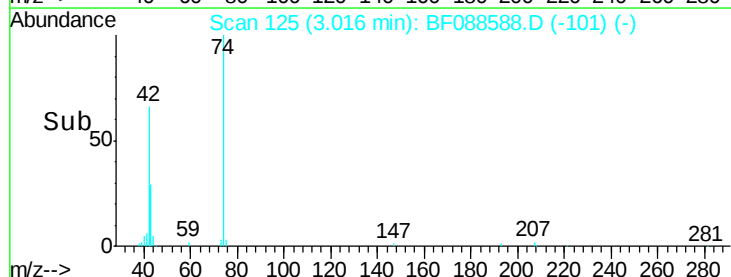
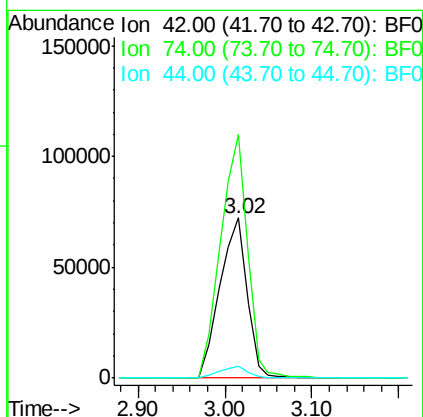
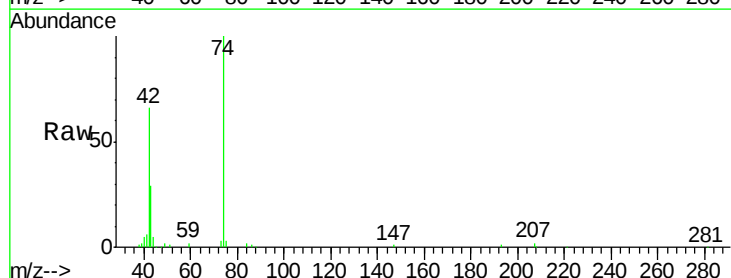
RT: 3.02 min Scan# 125

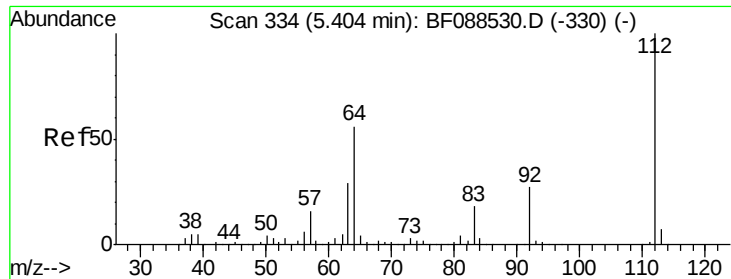
Delta R.T. -0.02 min

Lab File: BF088588.D

Acq: 1 Jul 2016 22:11

Tgt Ion:	42	Resp:	156554
Ion	Ratio	Lower	Upper
42	100		
74	152.2	108.6	163.0
44	7.2	5.5	8.3





#5

2-Fluorophenol

Concen: 69.93 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.01 min

Lab File: BF088588.D

Acq: 1 Jul 2016 22:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 112 Resp: 564940
Ion Ratio Lower Upper

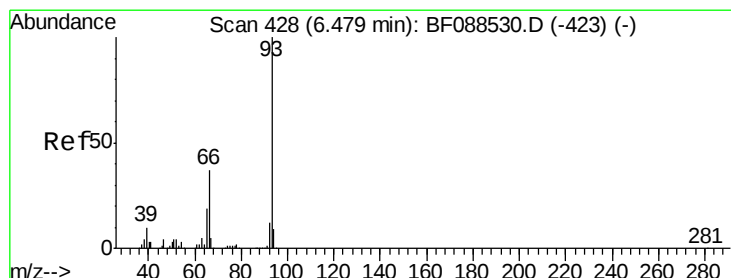
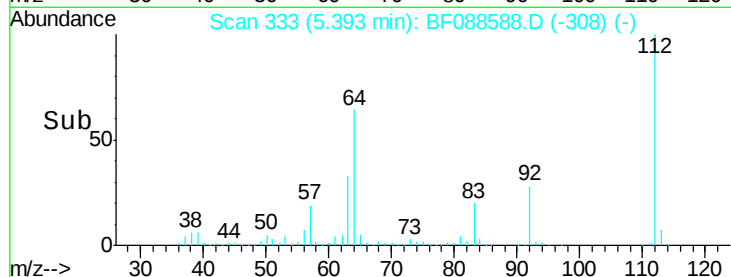
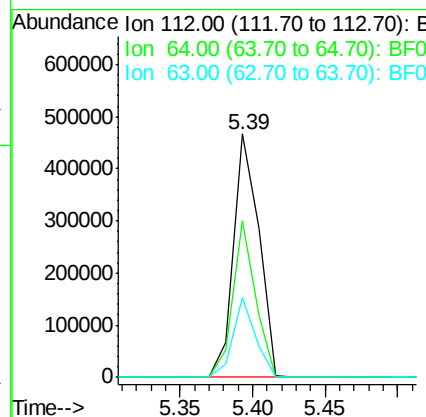
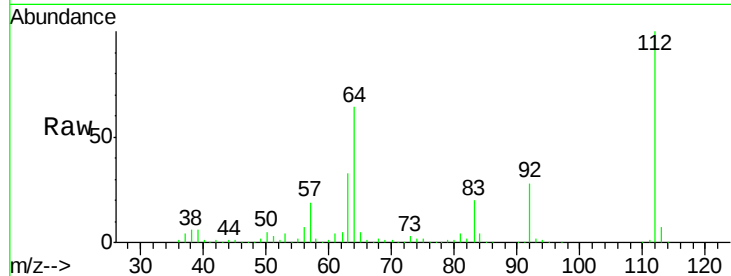
112 100

64 64.1 42.2 63.2#

63 32.9 21.8 32.8#

Manual Integrations
APPROVED

sohil
7/5/2016 7:31:17 PM



#6

Aniline

Concen: 34.43 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF088588.D

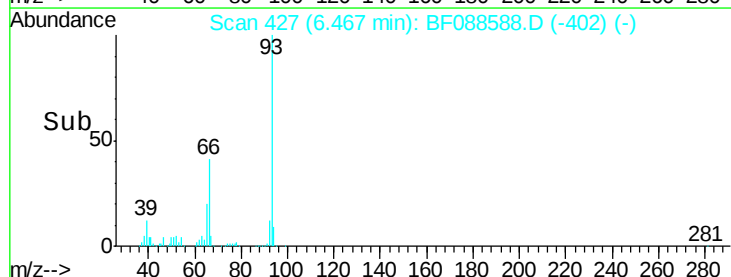
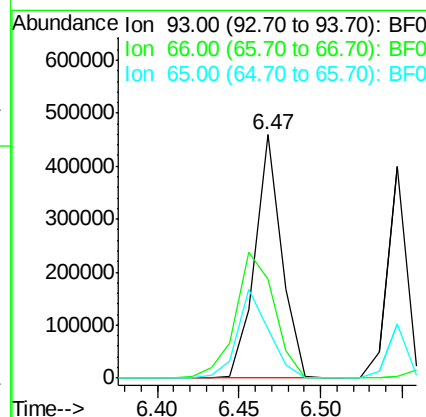
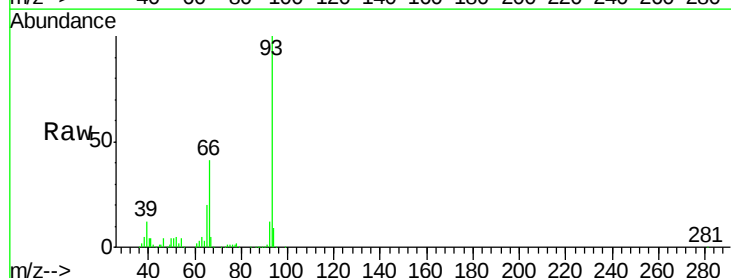
Acq: 1 Jul 2016 22:11

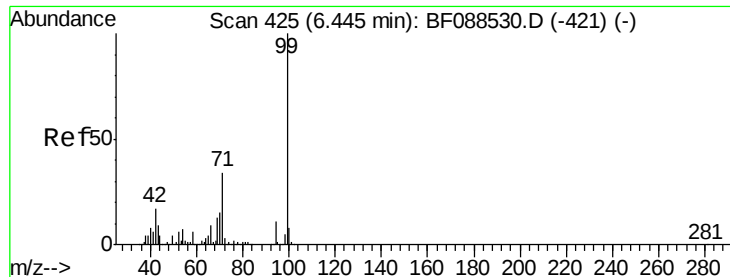
Tgt Ion: 93 Resp: 523772
Ion Ratio Lower Upper

93 100

66 40.7 29.8 44.8

65 20.3 14.9 22.3





#7

Phenol-d6

Concen: 73.02 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088588.D

Acq: 1 Jul 2016 22:11

Instrument :

BNA_F

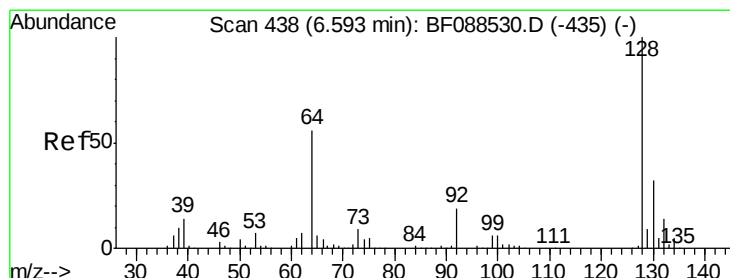
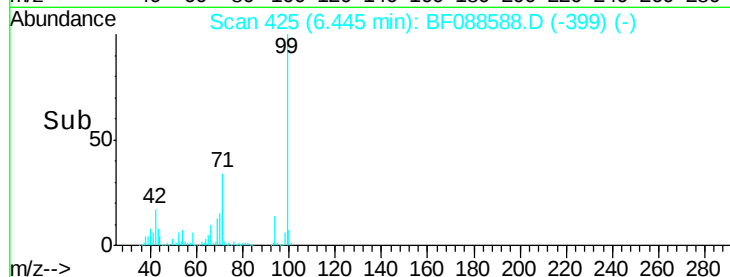
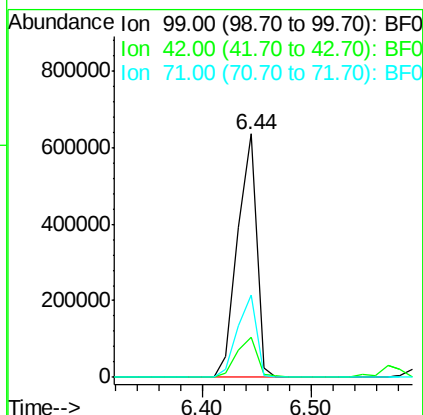
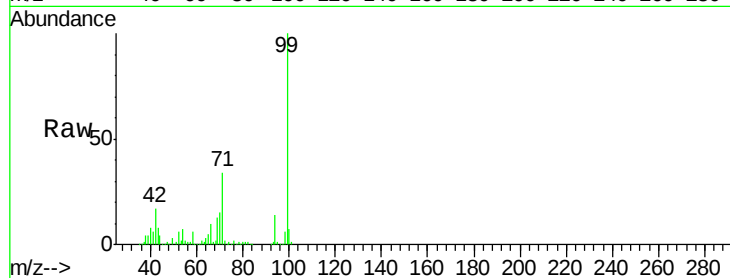
ClientSampleId :

SSTDCCC040

Tgt Ion:	99	Resp:	762248
Ion Ratio	Lower	Upper	
99	100		
42	16.6	12.2	18.2
71	34.0	23.4	35.0

Manual Integrations
APPROVED

sohil
7/5/2016 7:31:17 PM



#8

2-Chlorophenol

Concen: 38.11 ng

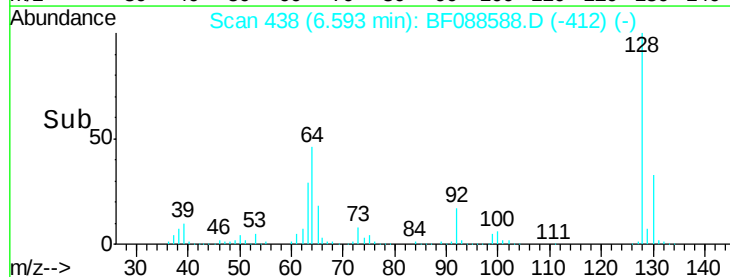
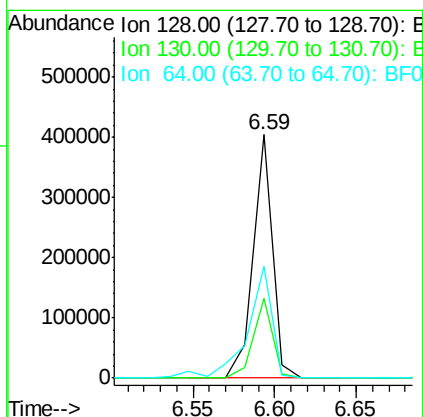
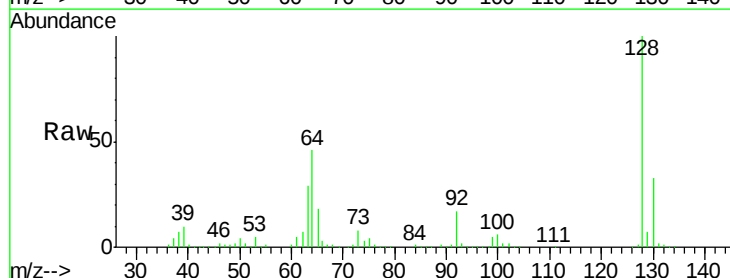
RT: 6.59 min Scan# 438

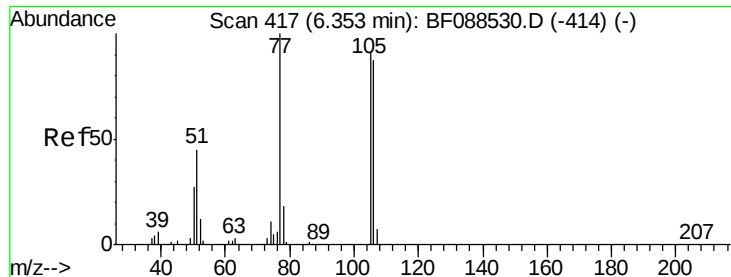
Delta R.T. -0.00 min

Lab File: BF088588.D

Acq: 1 Jul 2016 22:11

Tgt Ion:	128	Resp:	330883
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.0	52.0
64	46.2	30.8	70.8





#9

Benzaldehyde

Concen: 36.67 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF088588.D

Acq: 1 Jul 2016 22:11

Instrument :

BNA_F

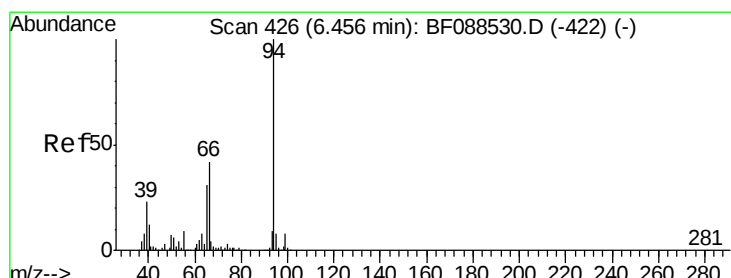
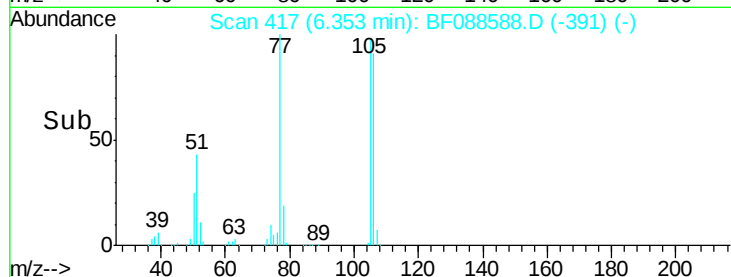
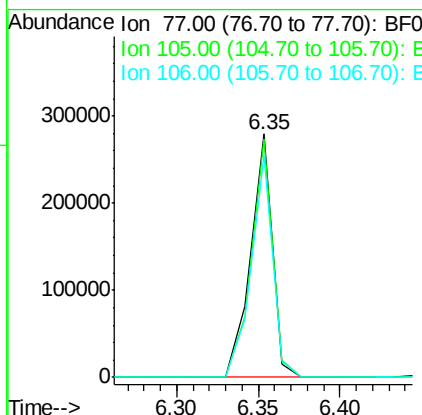
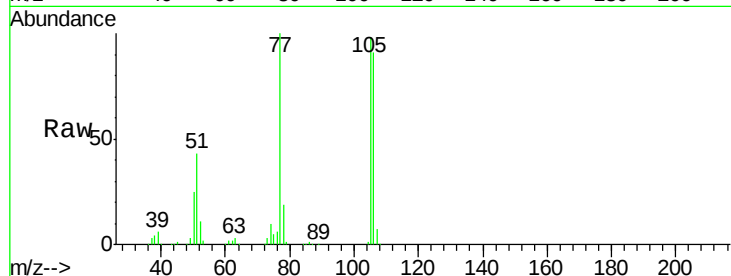
ClientSampleId :

SSTDCCC040

Tgt Ion:	77	Resp:	259258
Ion Ratio	Lower	Upper	
77	100		
105	97.8	90.6	130.6
106	91.0	85.3	125.3

Manual Integrations
APPROVED

sohil
7/5/2016 7:31:17 PM



#10

Phenol

Concen: 37.35 ng

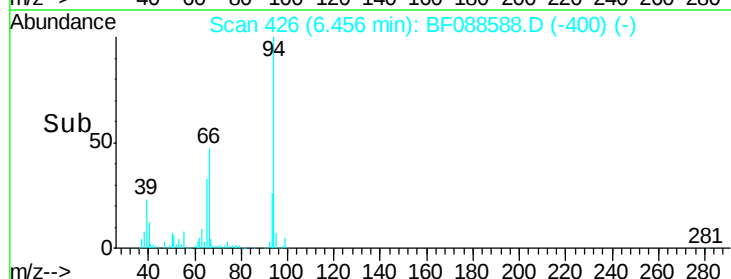
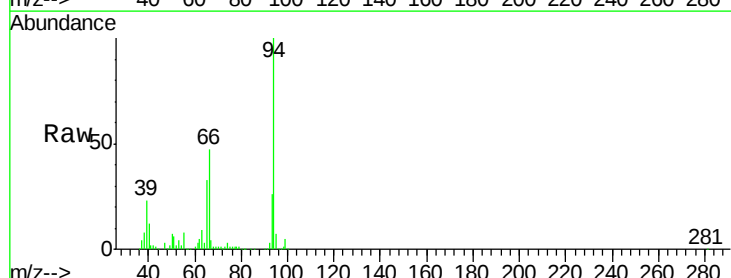
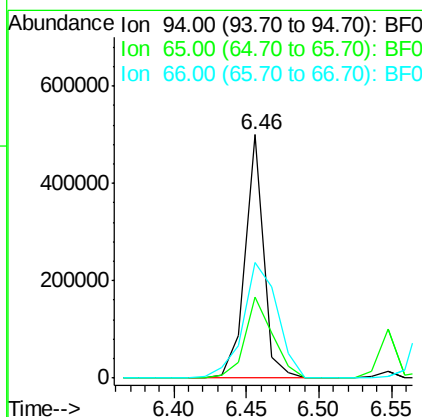
RT: 6.46 min Scan# 426

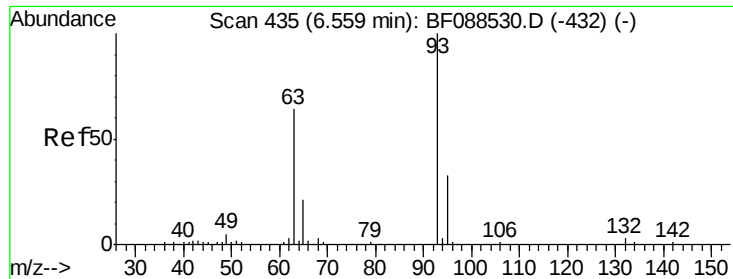
Delta R.T. -0.00 min

Lab File: BF088588.D

Acq: 1 Jul 2016 22:11

Tgt Ion:	94	Resp:	444979
Ion Ratio	Lower	Upper	
94	100		
65	33.4	5.9	45.9
66	47.3	14.0	54.0





#11

bis(2-Chloroethyl)ether

Concen: 36.30 ng

RT: 6.55 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF088588.D

Acq: 1 Jul 2016 22:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 322505
Ion Ratio Lower Upper

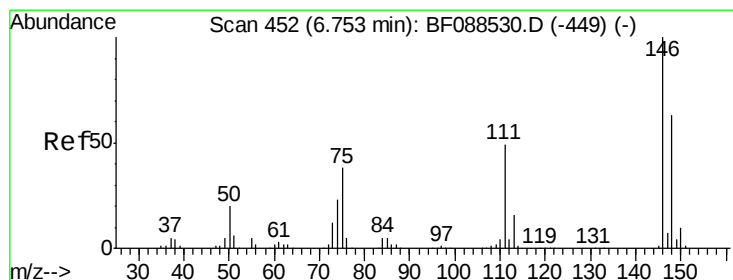
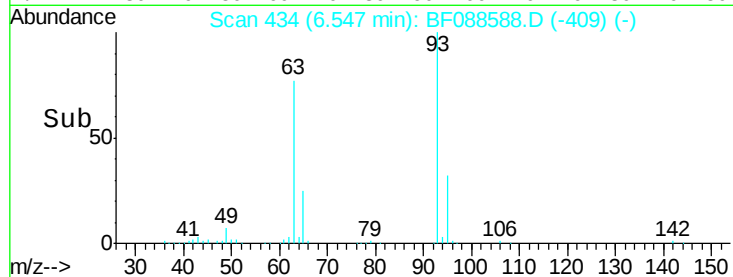
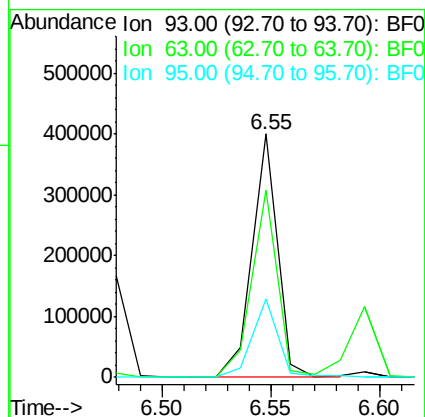
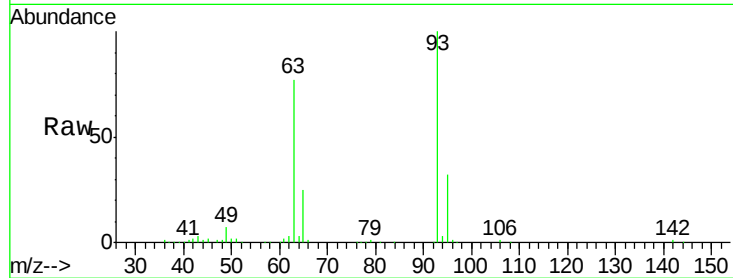
93 100

63 76.9 67.6 107.6

95 32.2 12.5 52.5

Manual Integrations
APPROVED

sohil
7/5/2016 7:31:17 PM



#12

1,3-Dichlorobenzene

Concen: 38.02 ng

RT: 6.75 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF088588.D

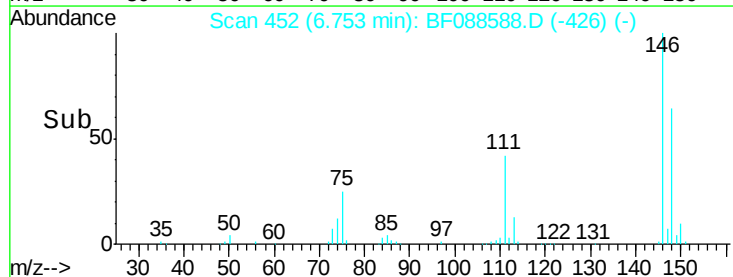
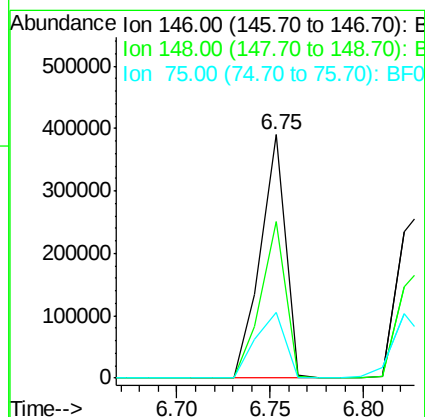
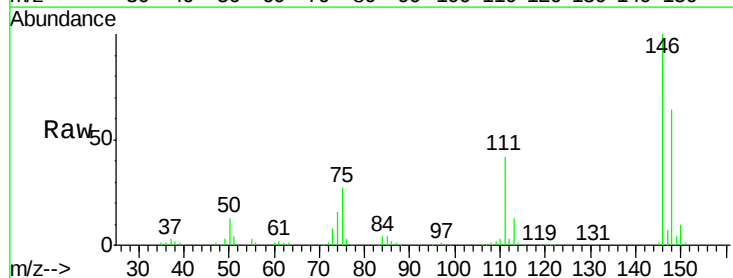
Acq: 1 Jul 2016 22:11

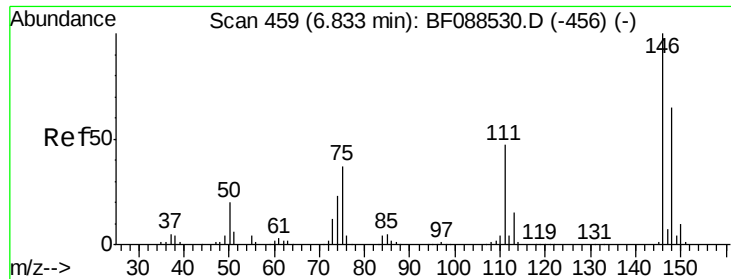
Tgt Ion: 146 Resp: 363224
Ion Ratio Lower Upper

146 100

148 64.5 50.9 76.3

75 26.8 25.6 38.4





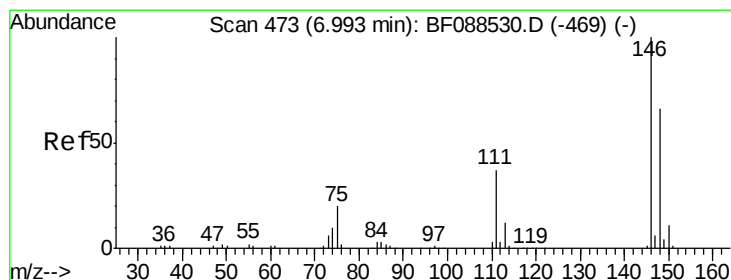
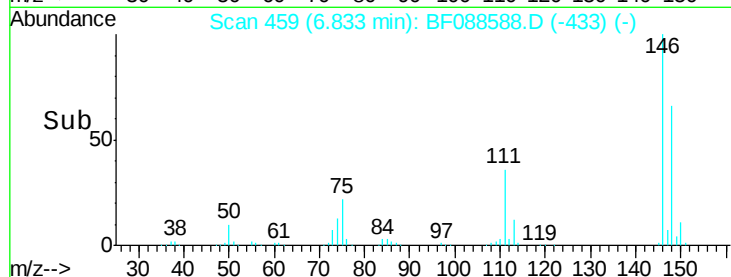
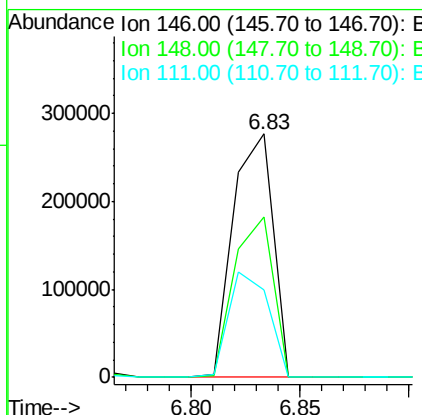
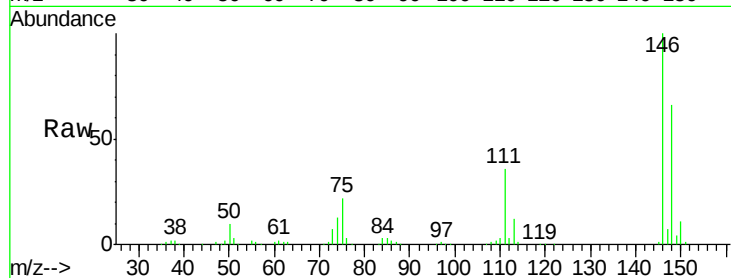
#13
 1,4-Dichlorobenzene
 Concen: 37.18 ng
 RT: 6.83 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: BF088588.D
 Acq: 1 Jul 2016 22:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.0	78.0
111	35.8	33.8	50.8

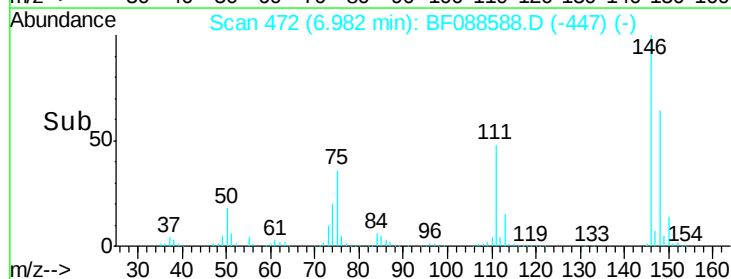
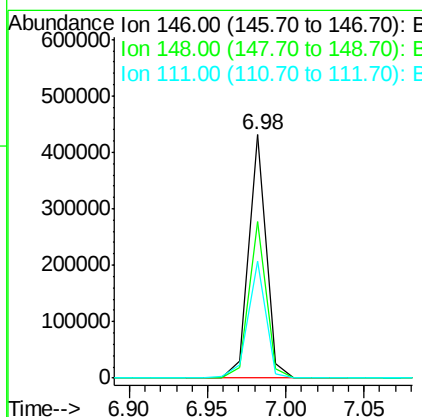
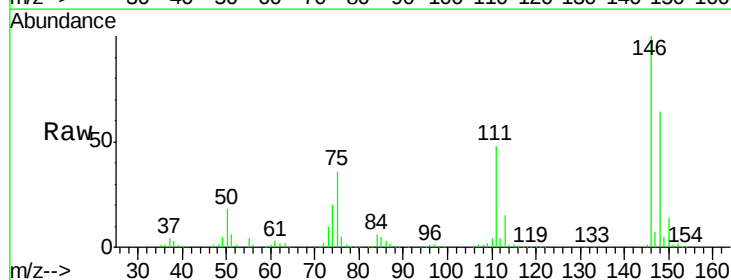
Manual Integrations
 APPROVED

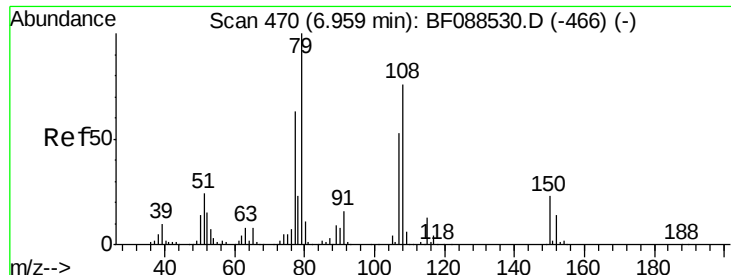
sohil
 7/5/2016 7:31:17 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.70 ng m
 RT: 6.98 min Scan# 472
 Delta R.T. -0.01 min
 Lab File: BF088588.D
 Acq: 1 Jul 2016 22:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.3	78.5
111	48.1	28.7	43.1#





#15

Benzyl Alcohol

Concen: 33.36 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF088588.D

Acq: 1 Jul 2016 22:11

Instrument :

BNA_F

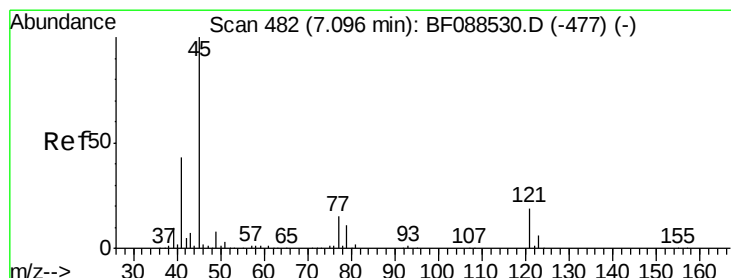
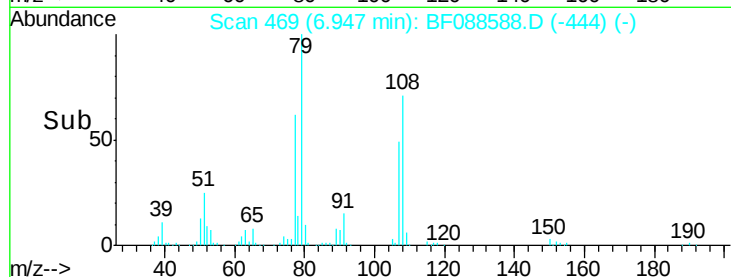
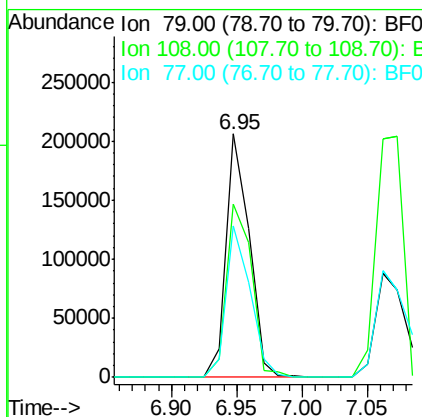
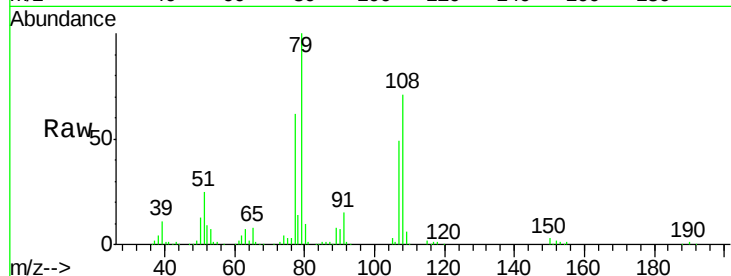
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	256266
Ion Ratio	Lower	Upper	
79	100		
108	71.0	65.0	97.6
77	62.3	50.3	75.5

Manual Integrations
APPROVED

sohil
7/5/2016 7:31:17 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.38 ng

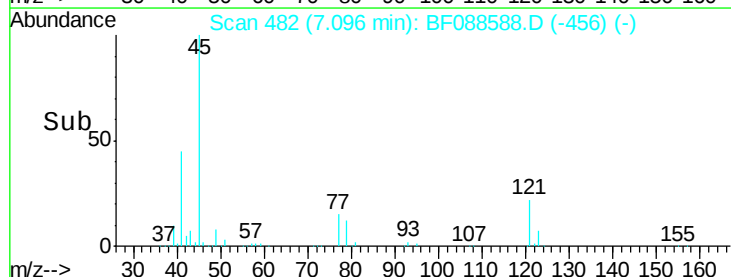
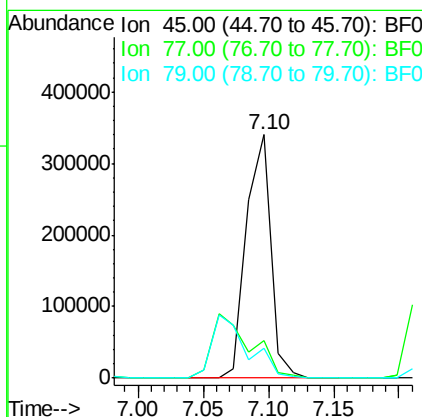
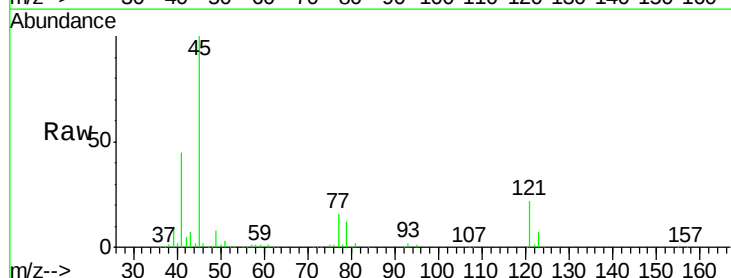
RT: 7.10 min Scan# 482

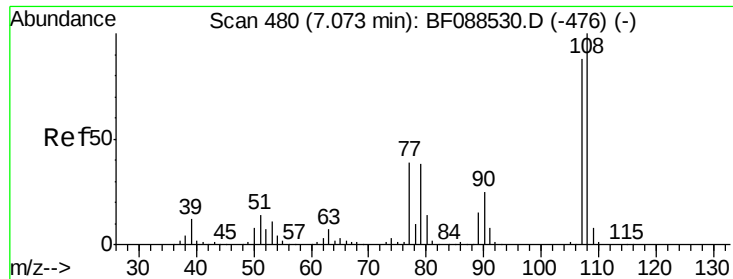
Delta R.T. 0.00 min

Lab File: BF088588.D

Acq: 1 Jul 2016 22:11

Tgt Ion:	45	Resp:	442300
Ion Ratio	Lower	Upper	
45	100		
77	15.5	0.0	32.5
79	12.3	0.0	29.5





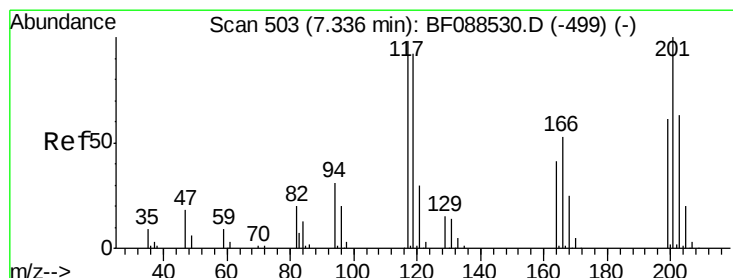
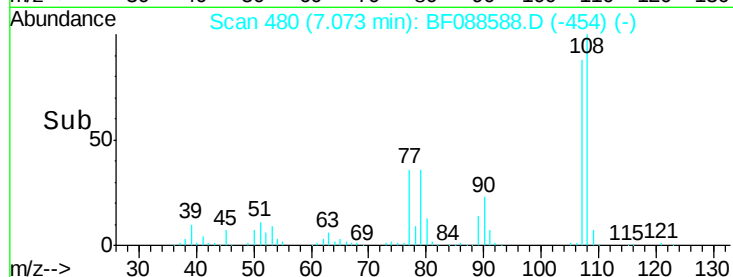
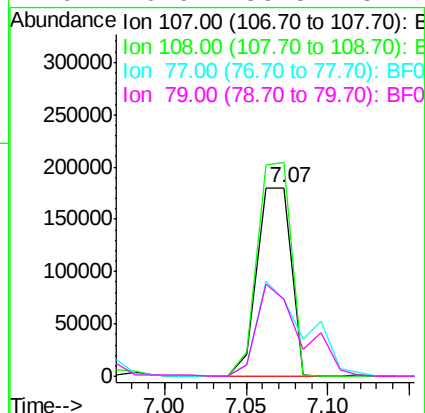
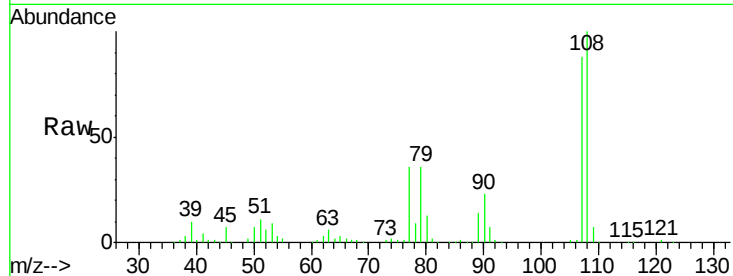
#17
2-Methylphenol
Concen: 36.90 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.00 min
Lab File: BF088588.D
Acq: 1 Jul 2016 22:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	261371		
108	113.5	90.9	136.3	
77	40.9	36.6	55.0	
79	40.9	36.5	54.7	

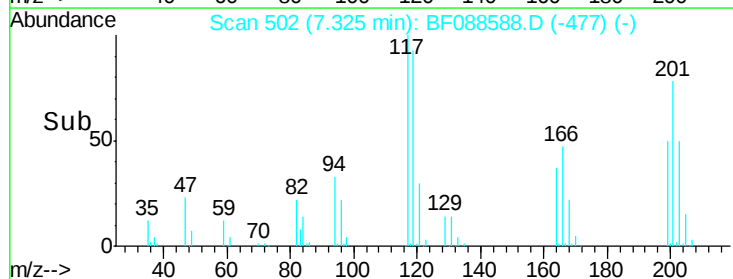
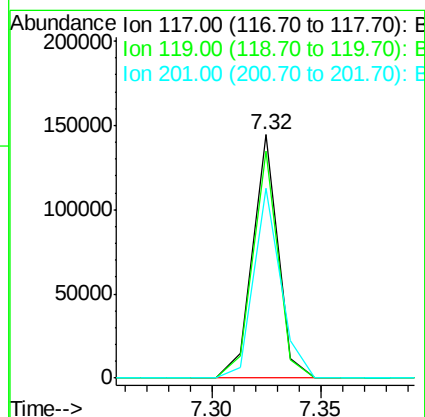
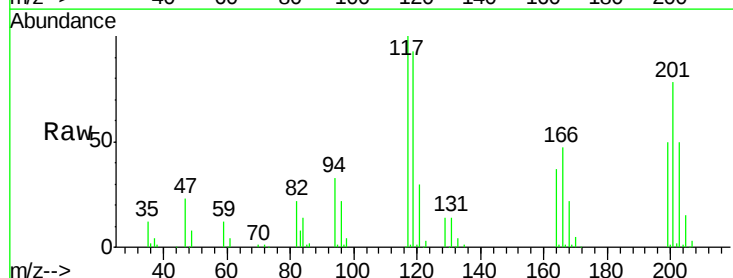
Manual Integrations
APPROVED

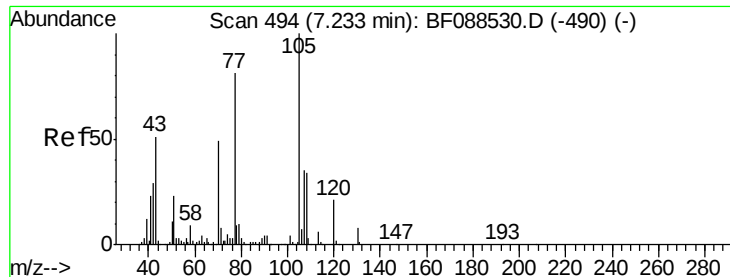
sohil
7/5/2016 7:31:17 PM



#18
Hexachloroethane
Concen: 31.87 ng
RT: 7.32 min Scan# 502
Delta R.T. -0.01 min
Lab File: BF088588.D
Acq: 1 Jul 2016 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	116902		
119	93.4	77.4	116.2	
201	77.7	80.4	120.6	





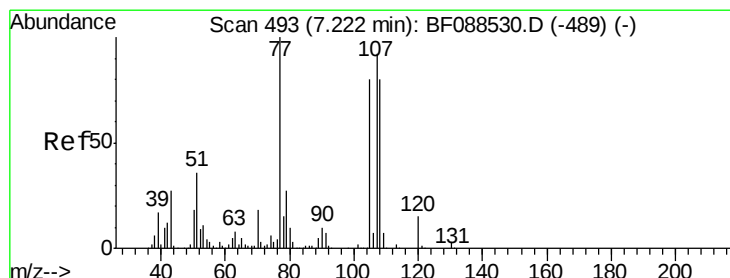
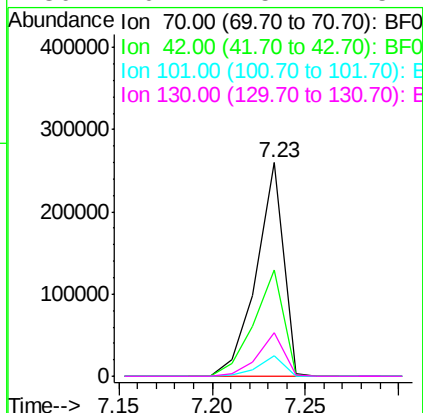
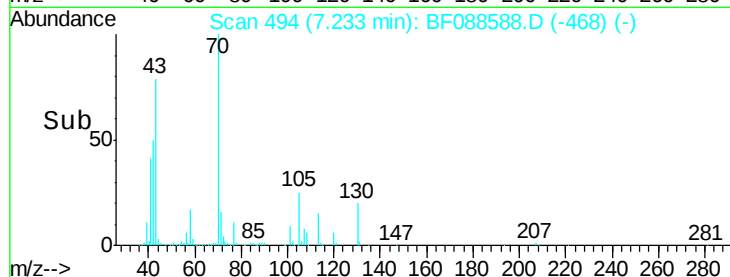
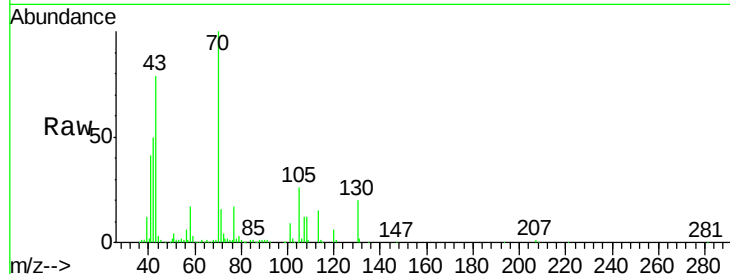
#19
n-Nitroso-di-n-propylamine
Concen: 37.31 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.00 min
Lab File: BF088588.D
Acq: 1 Jul 2016 22:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
70	100		
42	50.1	49.6	74.4
101	9.3	7.1	10.7
130	20.4	15.4	23.2

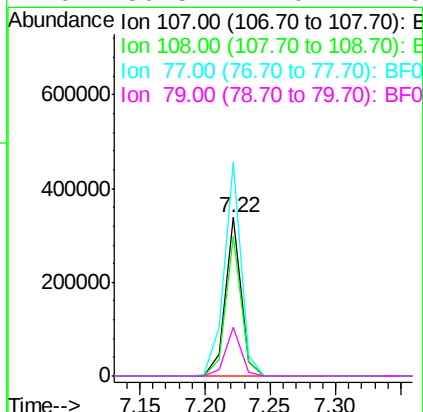
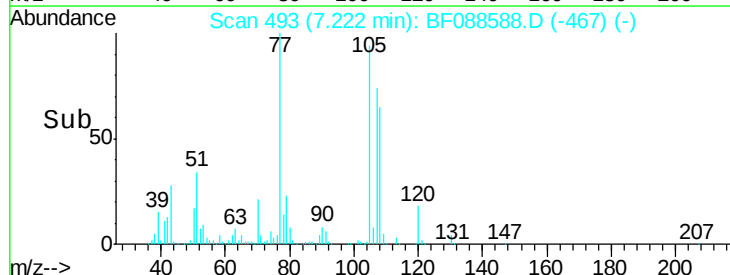
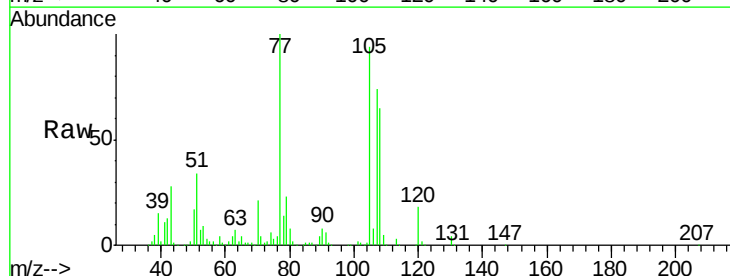
Manual Integrations
APPROVED

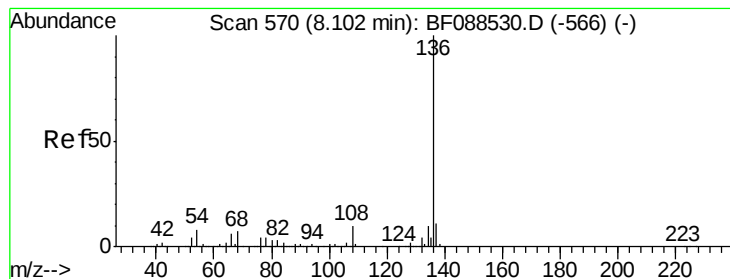
sohil
7/5/2016 7:31:17 PM



#20
3+4-Methylphenols
Concen: 33.62 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.00 min
Lab File: BF088588.D
Acq: 1 Jul 2016 22:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.0	67.8	107.8
77	134.7	59.3	99.3#
79	30.5	7.0	47.0





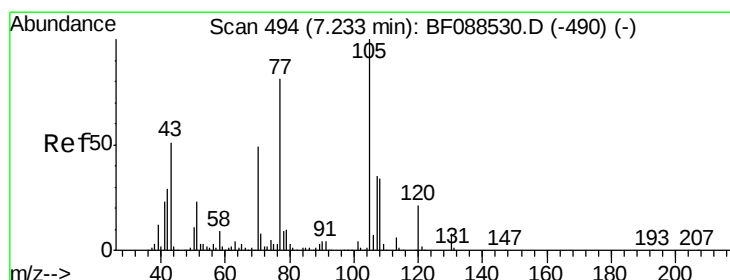
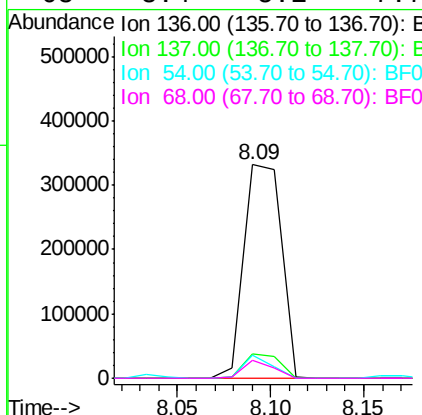
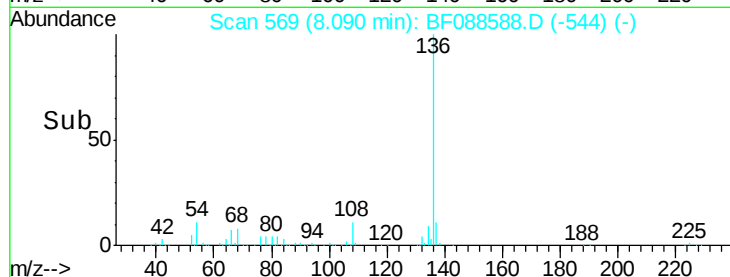
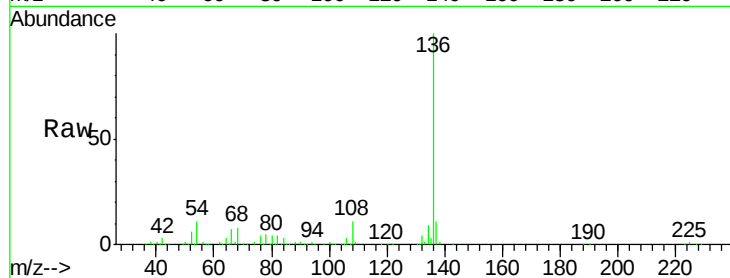
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF088588.D
Acq: 1 Jul 2016 22:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	462395		
137	11.5	9.1	13.7	
54	10.6	6.6	10.0	
68	8.4	5.1	7.7	

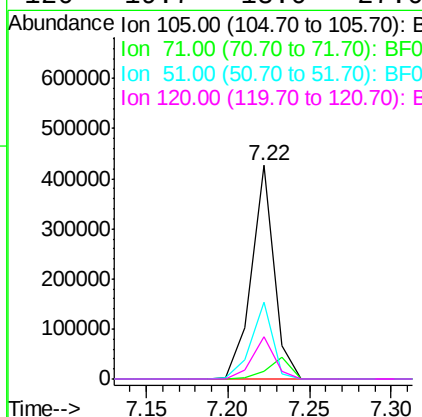
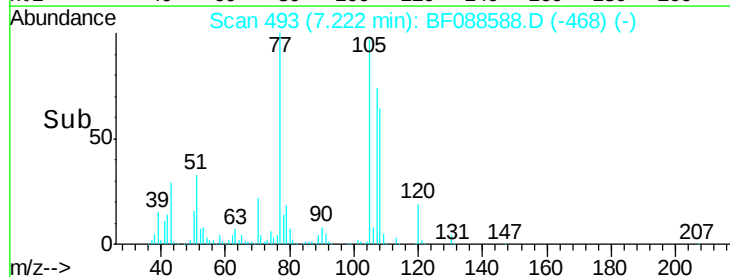
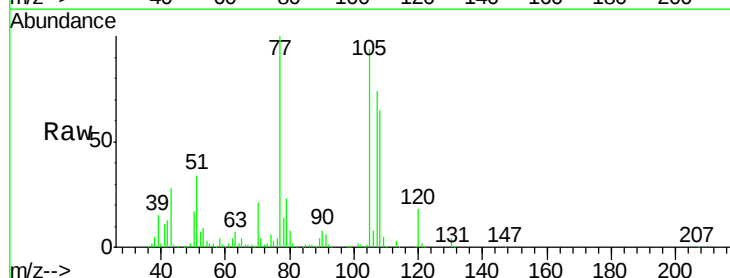
Manual Integrations
APPROVED

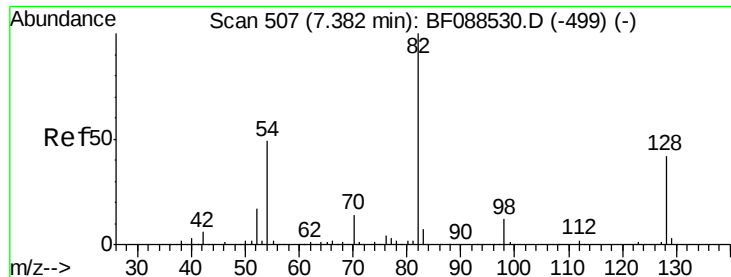
sohil
7/5/2016 7:31:17 PM



#22
Acetophenone
Concen: 36.69 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.01 min
Lab File: BF088588.D
Acq: 1 Jul 2016 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	411816		
71	3.9	5.3	7.9	
51	35.9	18.2	27.4	
120	19.7	18.0	27.0	





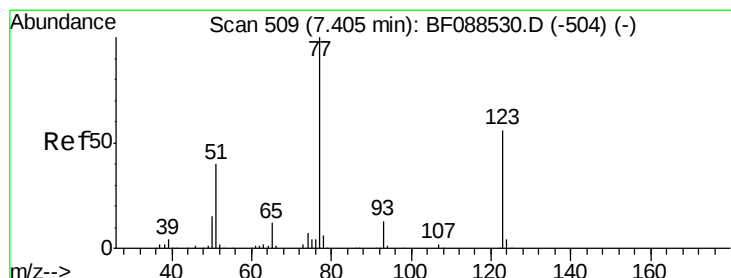
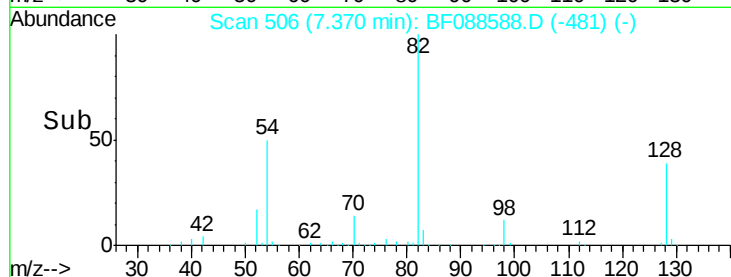
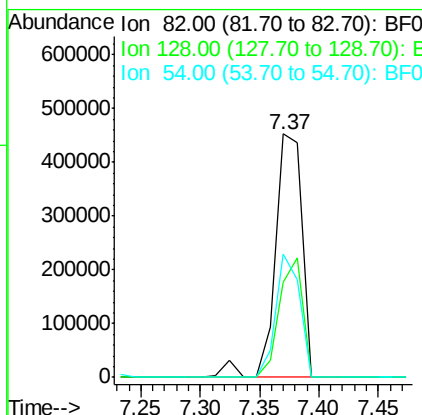
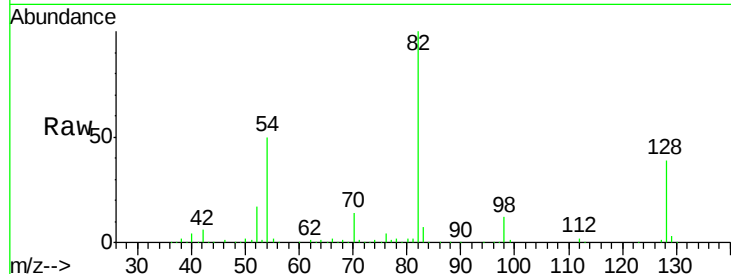
#23
 Nitrobenzene-d5
 Concen: 79.74 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.01 min
 Lab File: BF088588.D
 Acq: 1 Jul 2016 22:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.1	35.9	53.9
54	50.5	40.9	61.3

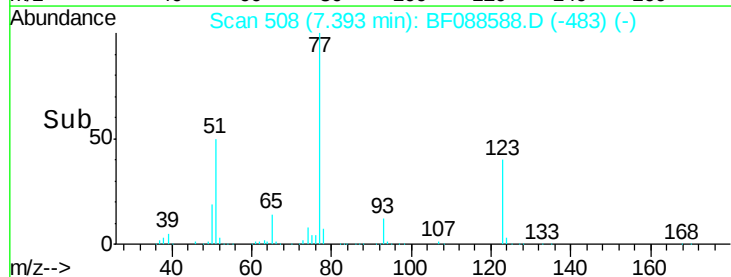
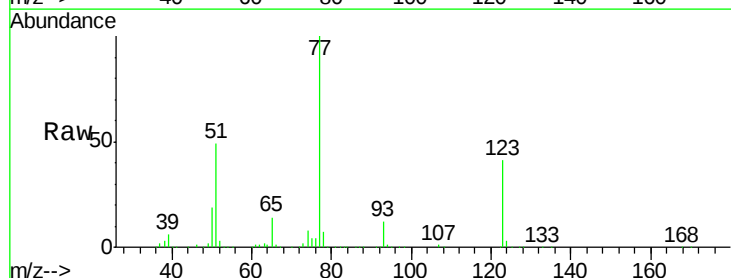
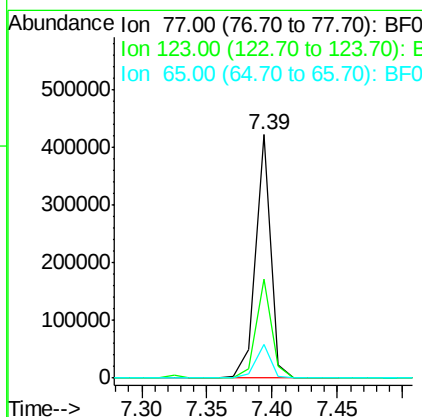
Manual Integrations
 APPROVED

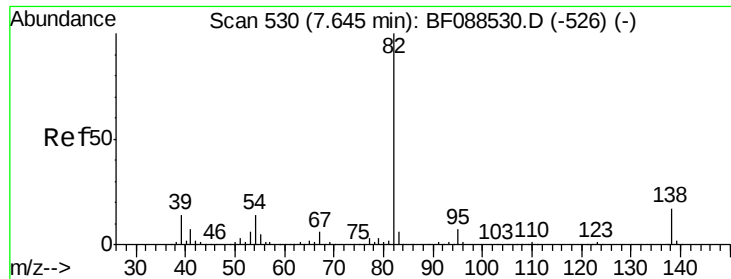
sohil
 7/5/2016 7:31:17 PM



#24
 Nitrobenzene
 Concen: 38.41 ng
 RT: 7.39 min Scan# 508
 Delta R.T. -0.01 min
 Lab File: BF088588.D
 Acq: 1 Jul 2016 22:11

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.7	45.0	67.4#
65	13.7	10.2	15.2





#25

Isophorone

Concen: 37.20 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF088588.D

Acq: 1 Jul 2016 22:11

Instrument :

BNA_F

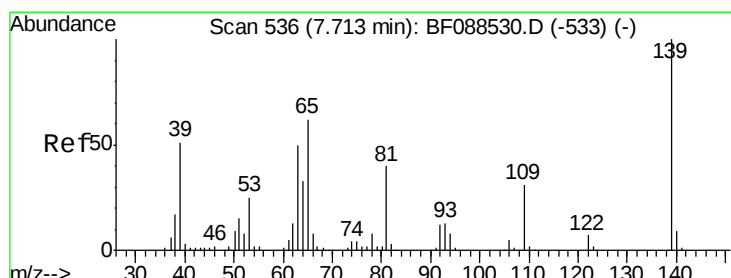
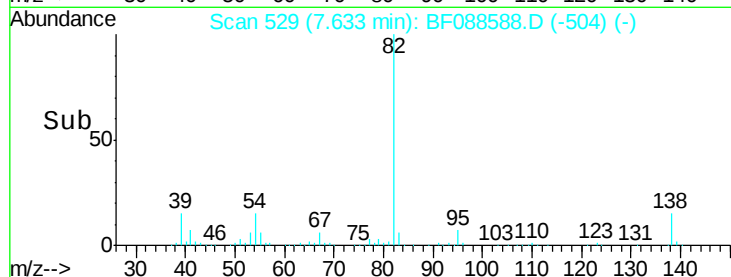
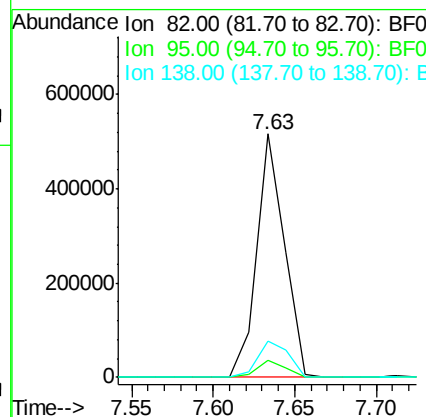
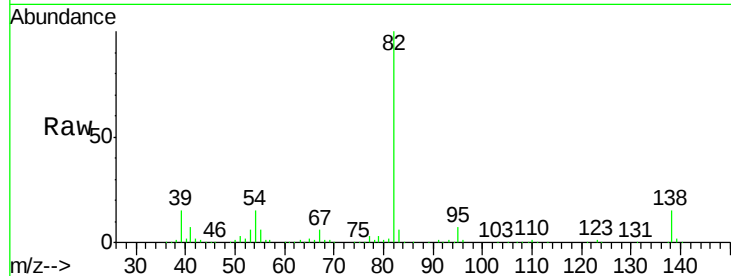
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	607933		
95	6.8		5.4	8.2
138	14.8		14.6	21.8

Manual Integrations
APPROVED

sohil
7/5/2016 7:31:17 PM



#26

2-Nitrophenol

Concen: 40.48 ng

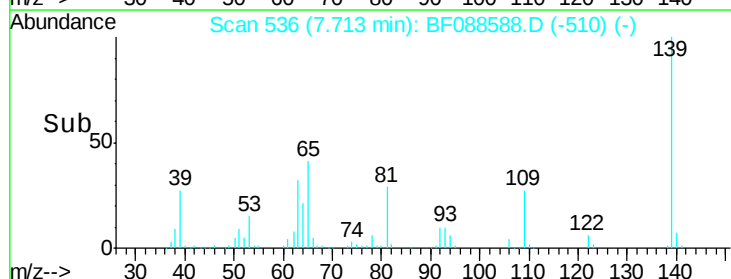
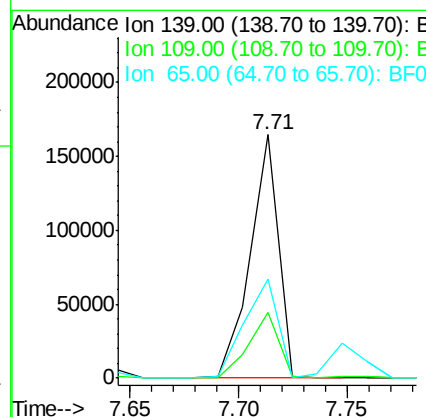
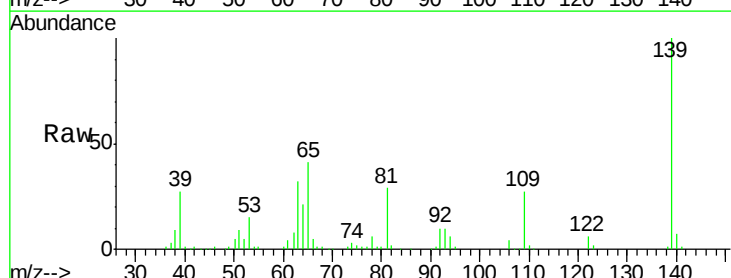
RT: 7.71 min Scan# 536

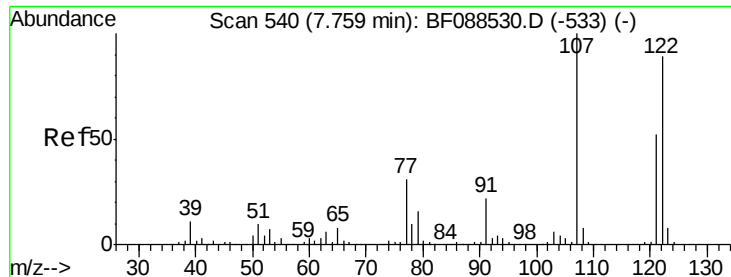
Delta R.T. -0.00 min

Lab File: BF088588.D

Acq: 1 Jul 2016 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	147675		
109	27.0		23.0	34.4
65	40.5		45.8	68.8





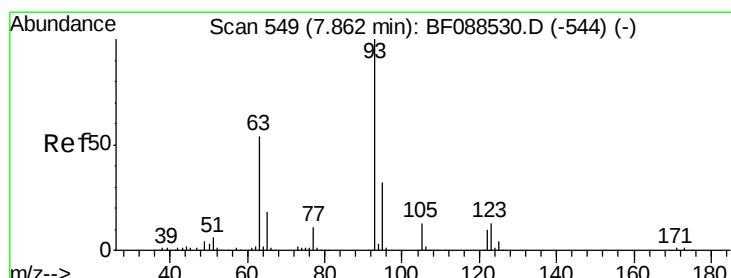
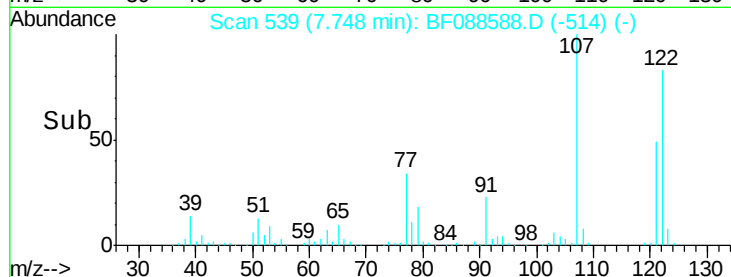
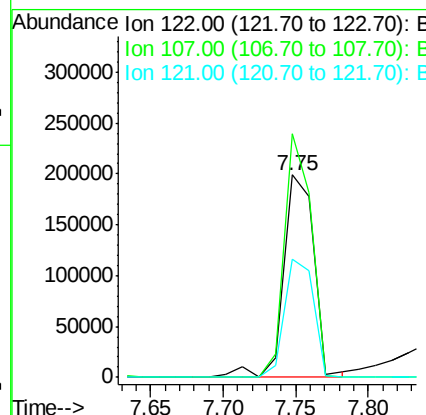
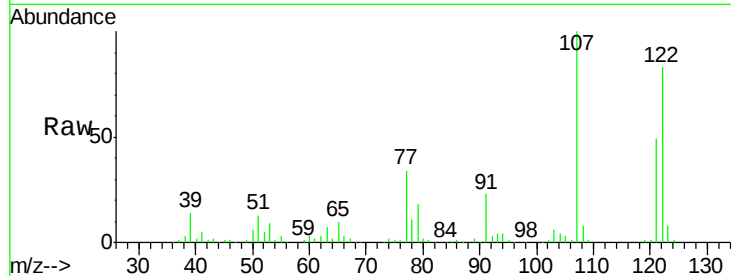
#27
 2,4-Dimethylphenol
 Concen: 37.76 ng
 RT: 7.75 min Scan# 539
 Delta R.T. -0.01 min
 Lab File: BF088588.D
 Acq: 1 Jul 2016 22:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	286937		
107	120.3	82.4	123.6	
121	58.6	46.3	69.5	

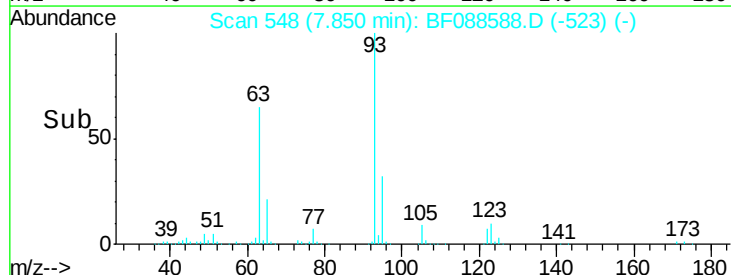
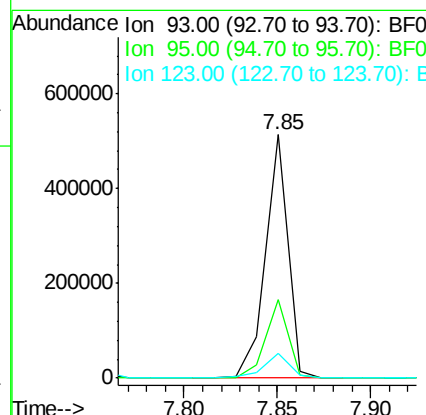
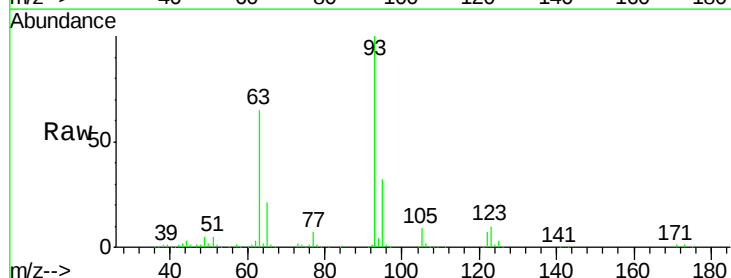
Manual Integrations
 APPROVED

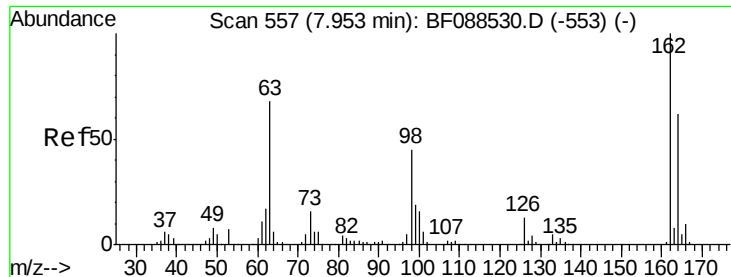
sohil
 7/5/2016 7:31:17 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.98 ng
 RT: 7.85 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF088588.D
 Acq: 1 Jul 2016 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	425220		
95	32.2	26.5	39.7	
123	10.4	11.6	17.4	





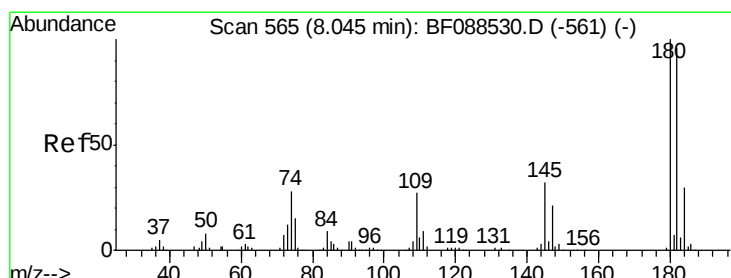
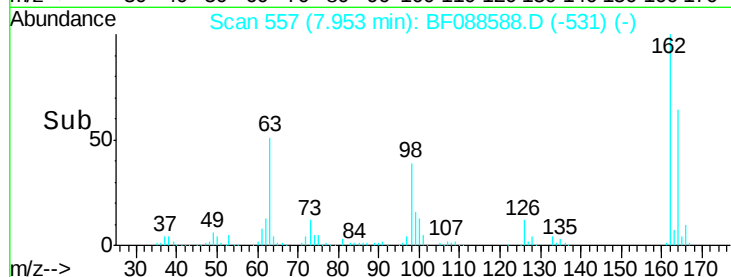
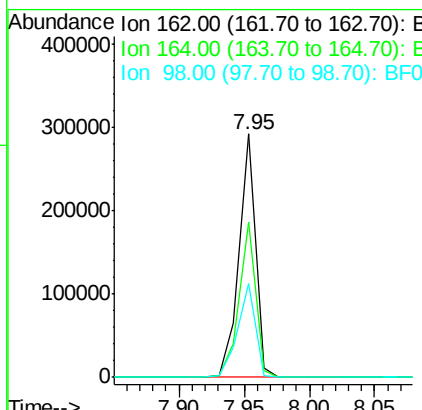
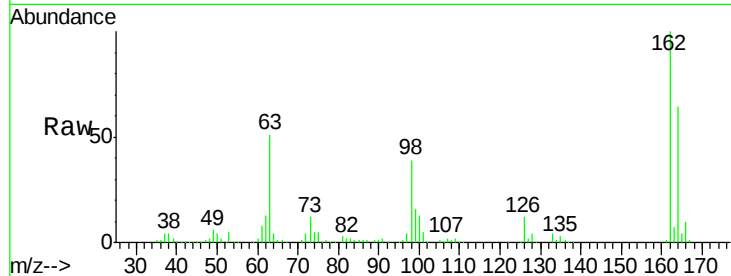
#29
 2,4-Dichlorophenol
 Concen: 41.60 ng
 RT: 7.95 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: BF088588.D
 Acq: 1 Jul 2016 22:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	255459		
164	63.6	43.8	83.8	
98	38.6	21.3	61.3	

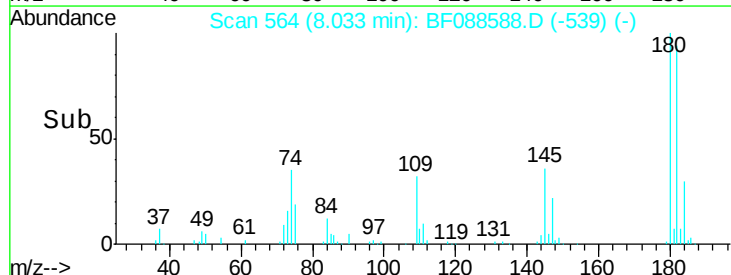
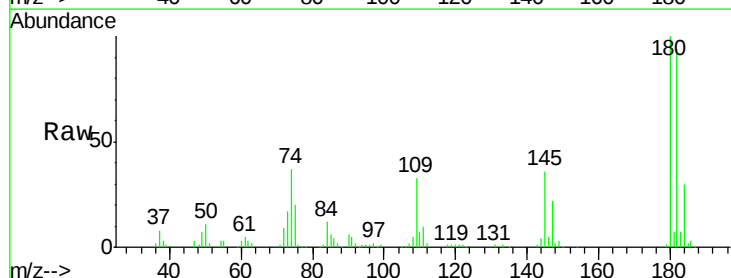
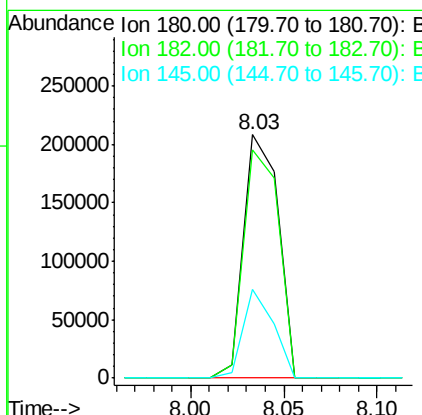
Manual Integrations
 APPROVED

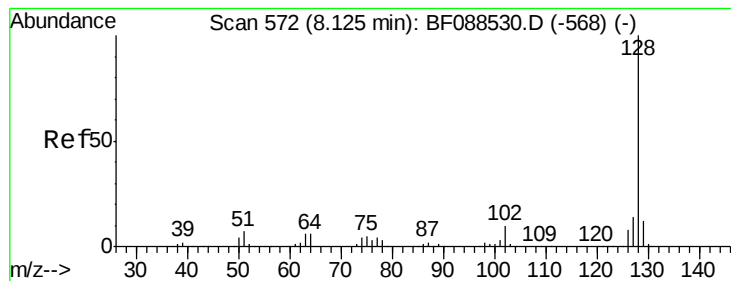
sohil
 7/5/2016 7:31:17 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.37 ng
 RT: 8.03 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: BF088588.D
 Acq: 1 Jul 2016 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	272083		
182	93.7	76.0	114.0	
145	36.2	26.5	39.7	





#31

Naphthalene

Concen: 37.97 ng

RT: 8.11 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF088588.D

Acq: 1 Jul 2016 22:11

Instrument :

BNA_F

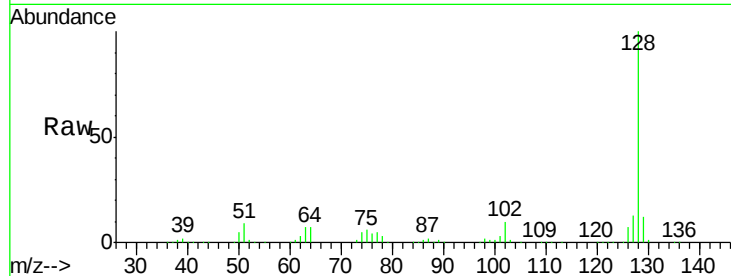
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	865633		
129	11.7	9.4	14.2	
127	13.4	10.9	16.3	

Manual Integrations
APPROVED

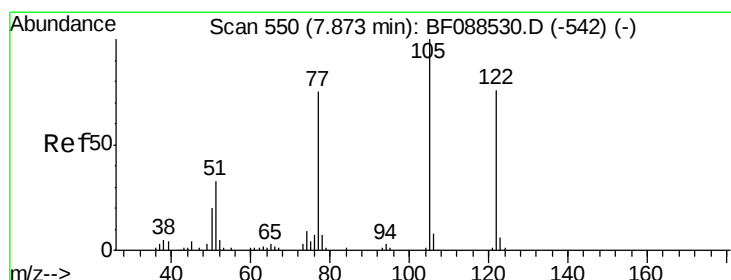
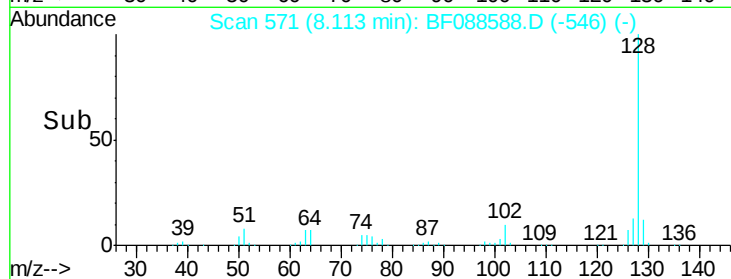
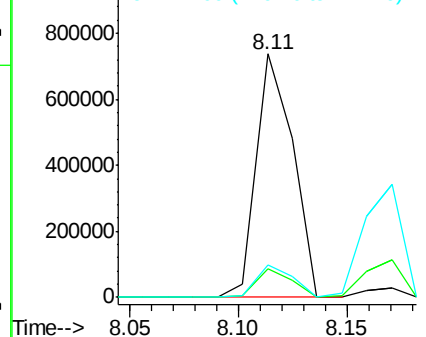
sohil
7/5/2016 7:31:17 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 28.18 ng

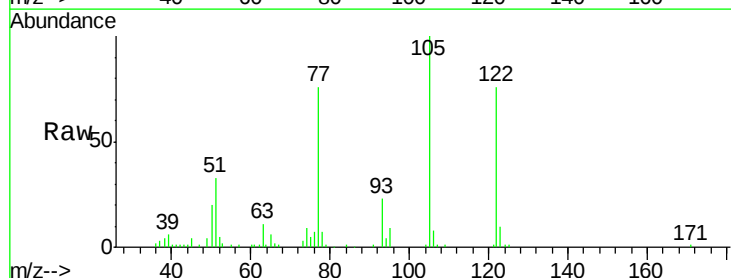
RT: 7.86 min Scan# 549

Delta R.T. -0.01 min

Lab File: BF088588.D

Acq: 1 Jul 2016 22:11

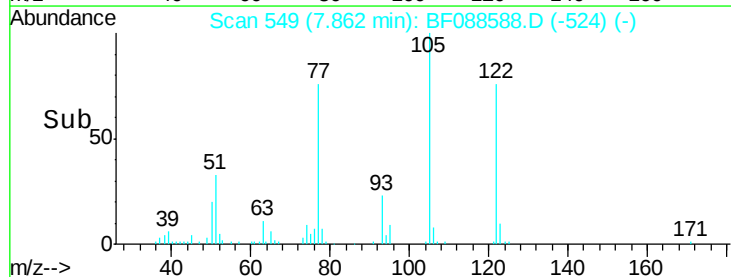
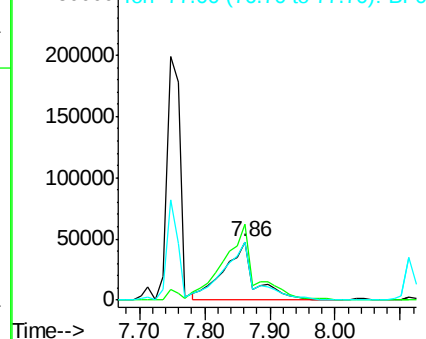
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	155456		
105	130.9	101.6	141.6	
77	99.3	70.6	110.6	

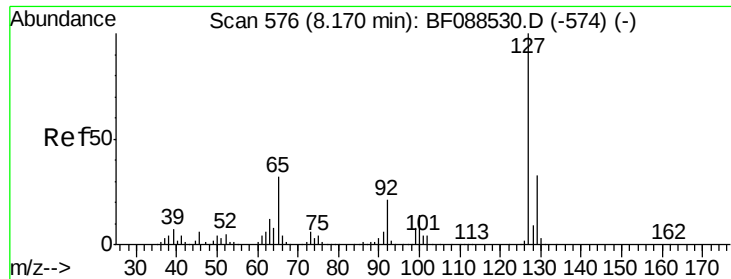


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





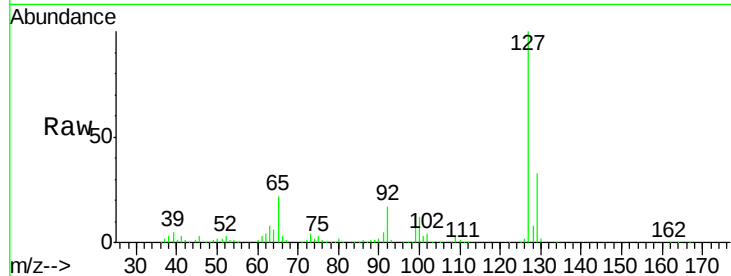
#33
4-Chloroaniline
Concen: 41.00 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF088588.D
Acq: 1 Jul 2016 22:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

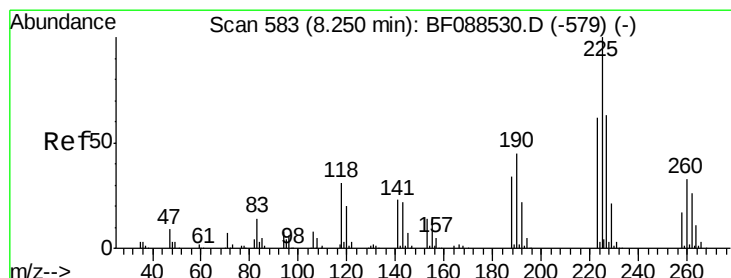
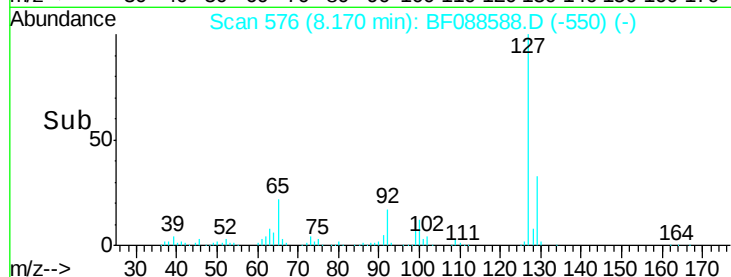
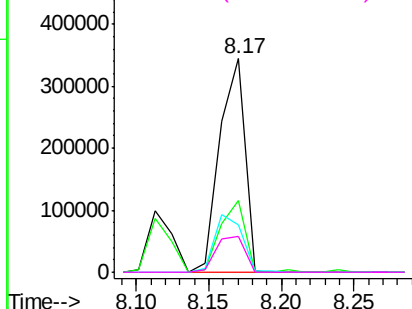
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	415874		
129	33.4	26.3	39.5	
65	22.1	24.7	37.1	
92	17.1	15.4	23.0	

Manual Integrations
APPROVED

sohil
7/5/2016 7:31:17 PM

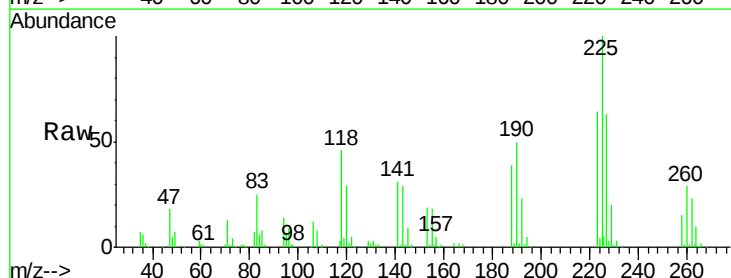


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

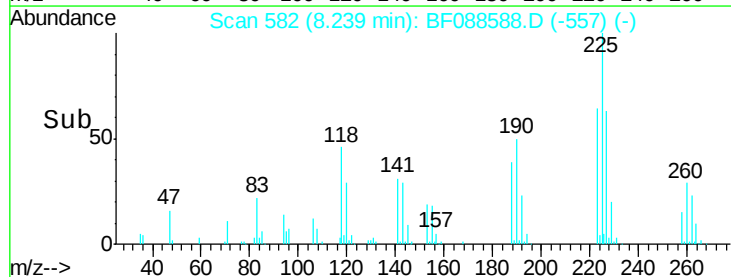
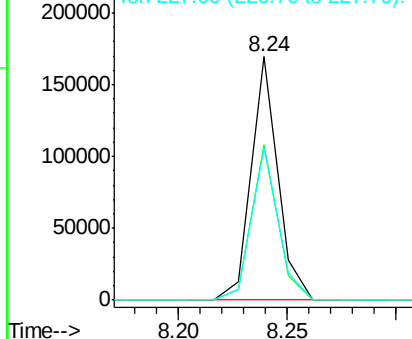


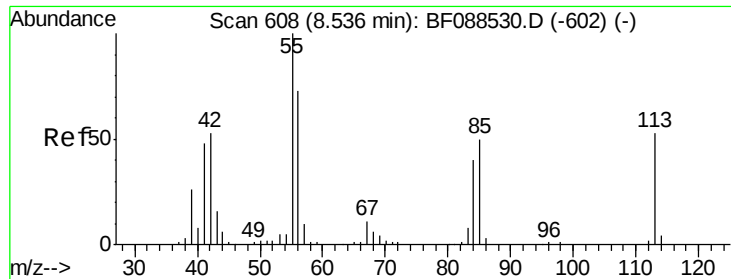
#34
Hexachlorobutadiene
Concen: 39.81 ng
RT: 8.24 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF088588.D
Acq: 1 Jul 2016 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	143640		
223	63.6	50.9	76.3	
227	62.5	51.9	77.9	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





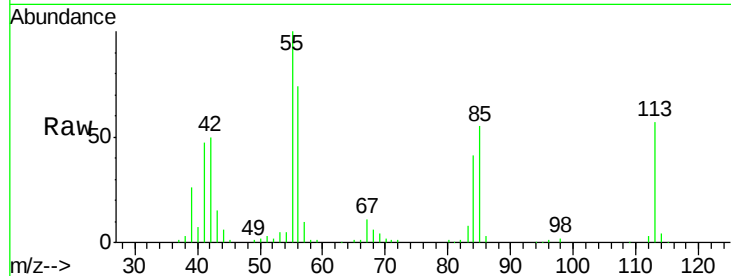
#35
 Caprolactam
 Concen: 37.98 ng
 RT: 8.54 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF088588.D
 Acq: 1 Jul 2016 22:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

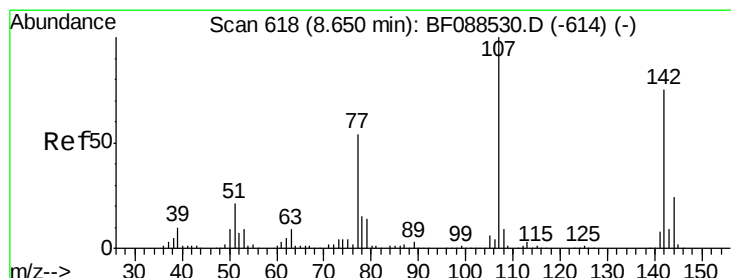
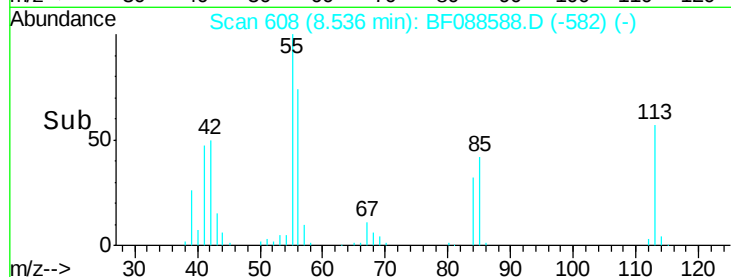
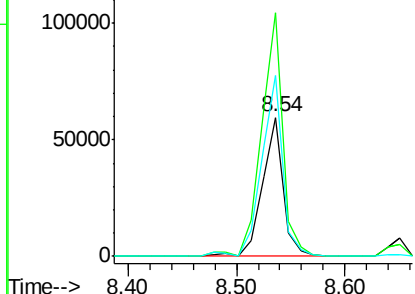
Tgt Ion:113 Resp: 79208
 Ion Ratio Lower Upper
 113 100
 55 175.1 158.6 198.6
 56 130.3 110.6 150.6

Manual Integrations
 APPROVED

sohil
 7/5/2016 7:31:17 PM

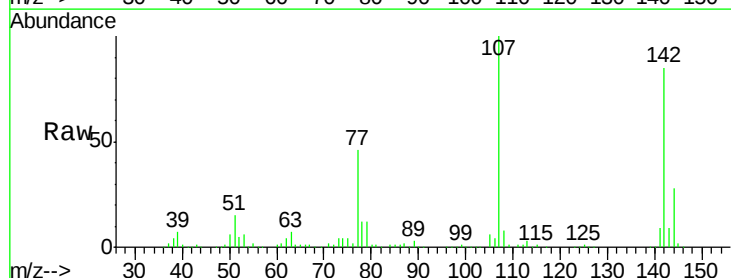


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

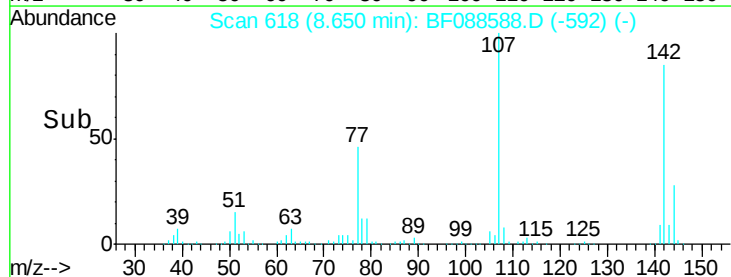
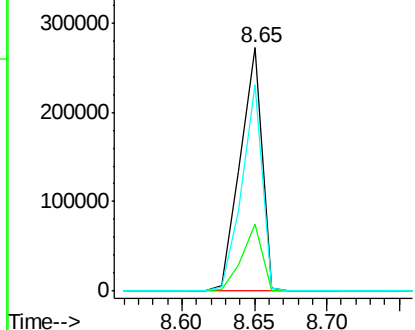


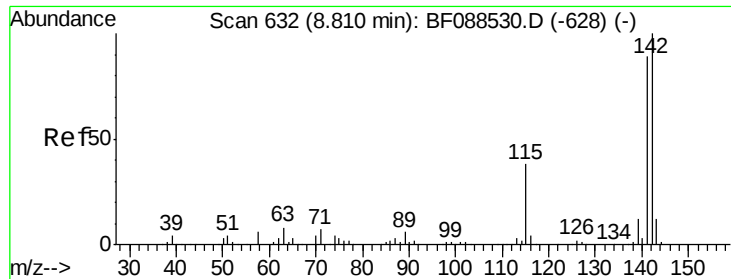
#36
 4-Chloro-3-methylphenol
 Concen: 39.41 ng
 RT: 8.65 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF088588.D
 Acq: 1 Jul 2016 22:11

Tgt Ion:107 Resp: 286150
 Ion Ratio Lower Upper
 107 100
 144 27.6 20.8 31.2
 142 84.9 63.4 95.2



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





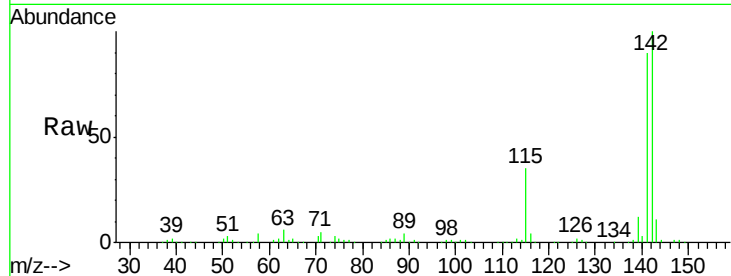
#37
2-Methylnaphthalene
Concen: 40.31 ng
RT: 8.81 min Scan# 632
Delta R.T. -0.00 min
Lab File: BF088588.D
Acq: 1 Jul 2016 22:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

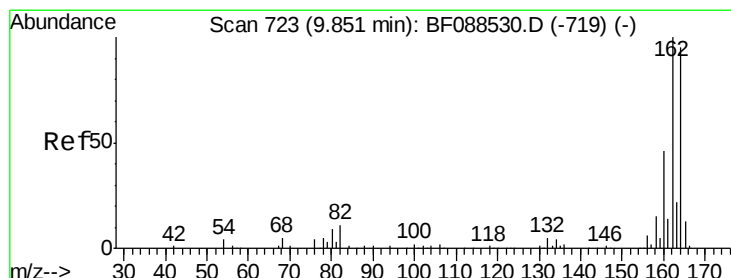
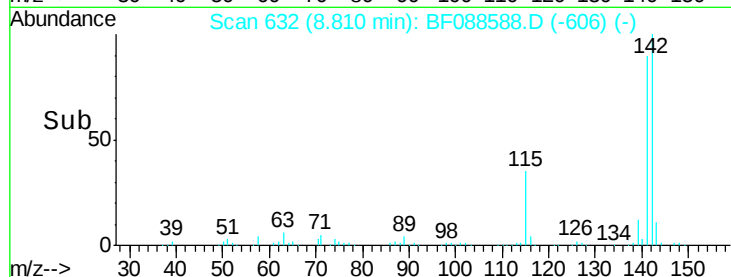
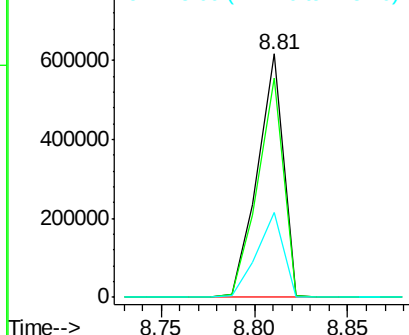
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.0	106.6
115	34.7	22.6	33.8#

Manual Integrations
APPROVED

sohil
7/5/2016 7:31:17 PM



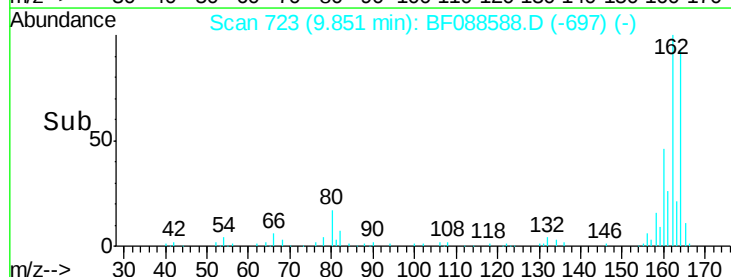
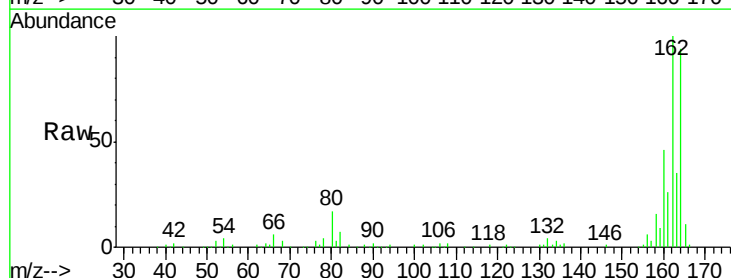
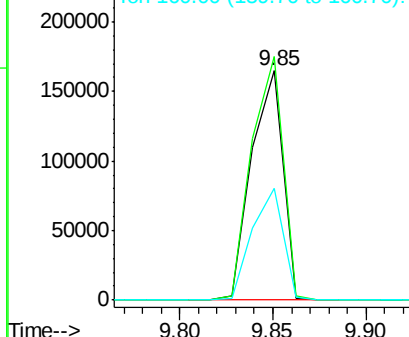
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

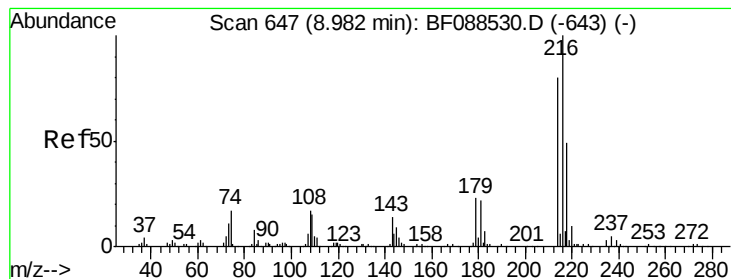


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF088588.D
Acq: 1 Jul 2016 22:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	85.4	128.2
160	48.9	39.5	59.3

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.72 ng

RT: 8.97 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF088588.D

Acq: 1 Jul 2016 22:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 216 Resp: 26512
Ion Ratio Lower Upper

216 100

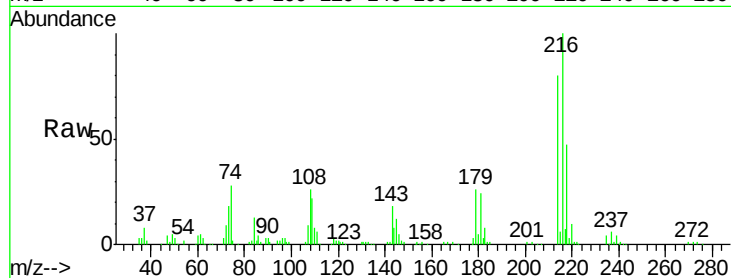
214 78.6 2.9 4.3#

179 23.0 0.0 0.0#

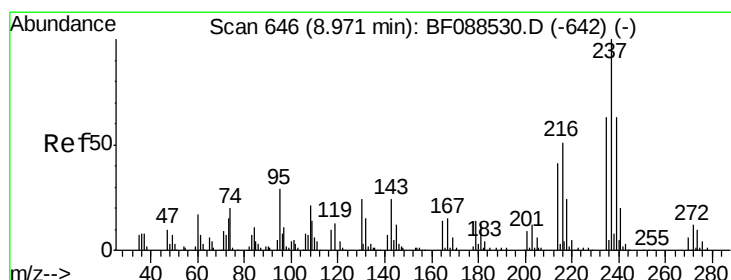
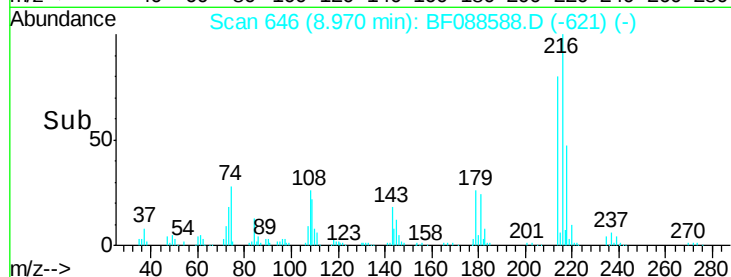
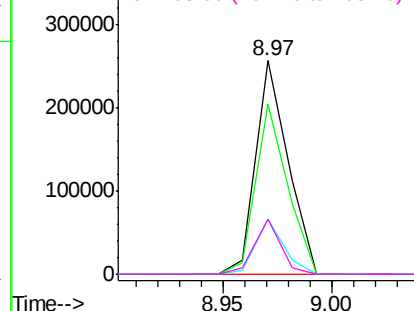
108 21.0 0.5 0.7#

Manual Integrations
APPROVED

sohil
7/5/2016 7:31:17 PM



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



#40

Hexachlorocyclopentadiene

Concen: 9.14 ng

RT: 8.96 min Scan# 645

Delta R.T. -0.01 min

Lab File: BF088588.D

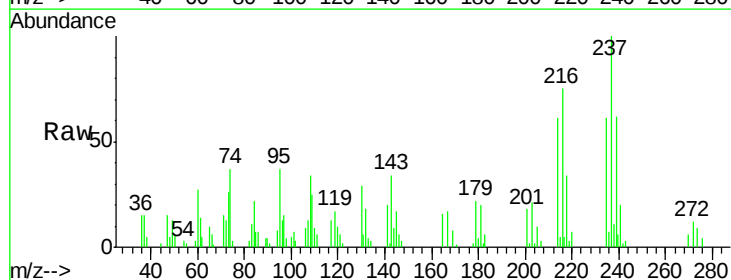
Acq: 1 Jul 2016 22:11

Tgt Ion: 237 Resp: 28565
Ion Ratio Lower Upper

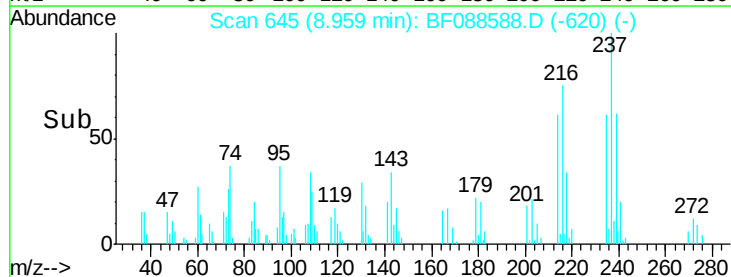
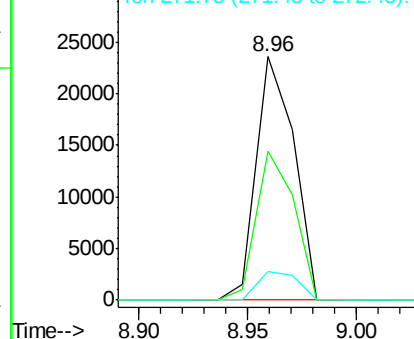
237 100

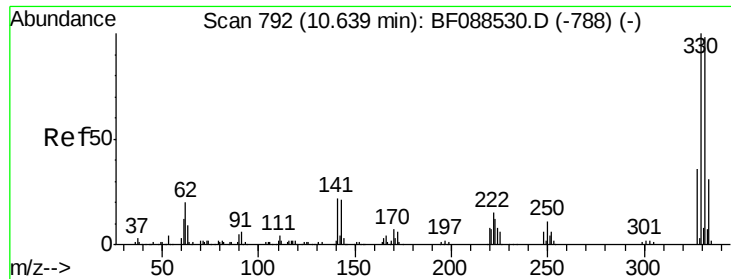
235 61.3 43.4 83.4

272 11.6 0.0 32.3



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





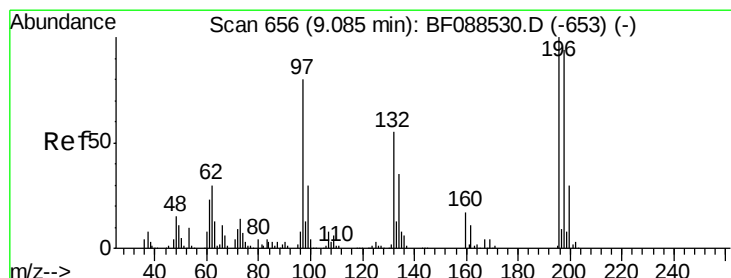
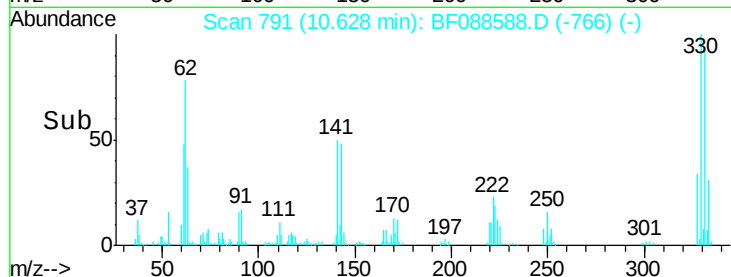
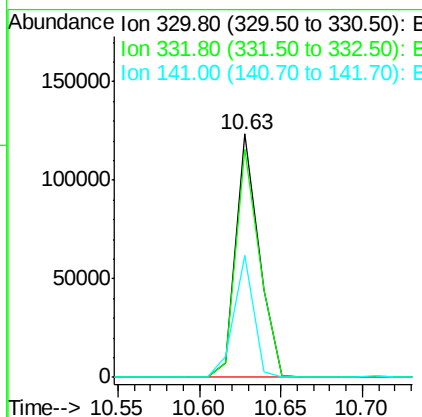
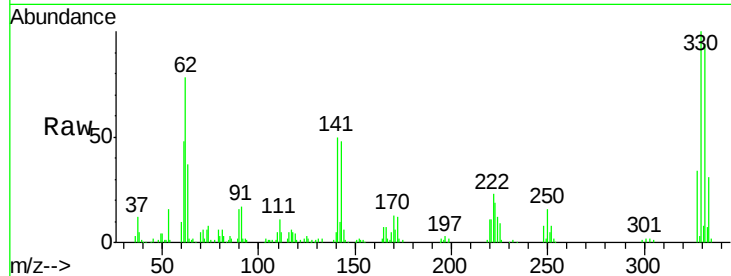
#41
 2,4,6-Tribromophenol
 Concen: 68.21 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF088588.D
 Acq: 1 Jul 2016 22:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.8	0.0	0.0#
141	42.9	0.0	0.0#

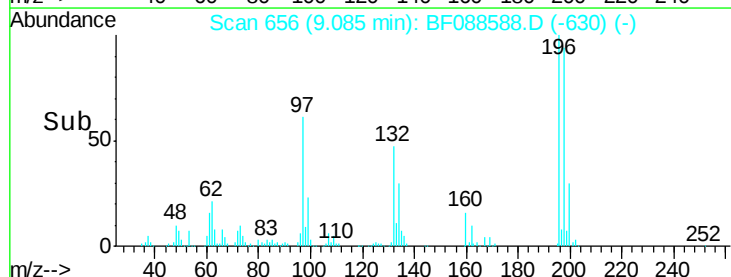
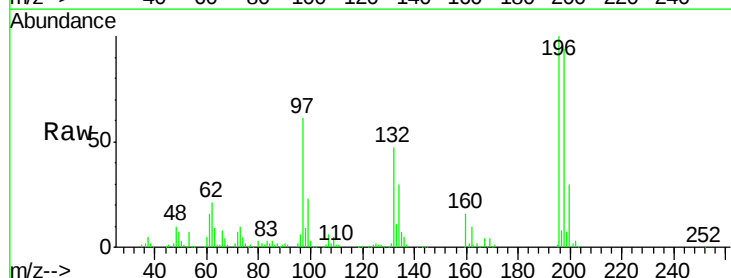
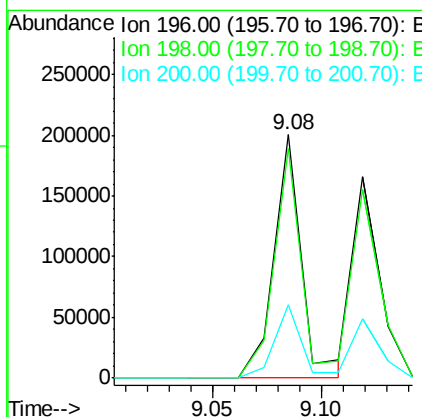
Manual Integrations
 APPROVED

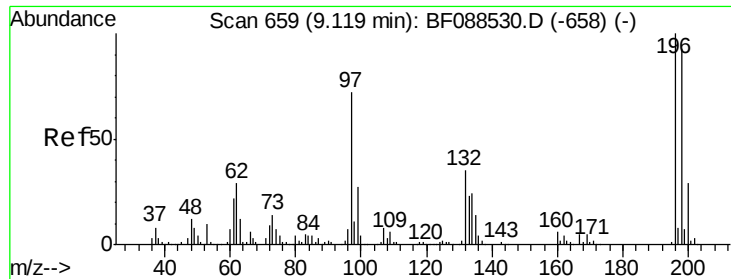
sohil
 7/5/2016 7:31:17 PM



#42
 2,4,6-Trichlorophenol
 Concen: 42.76 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: BF088588.D
 Acq: 1 Jul 2016 22:11

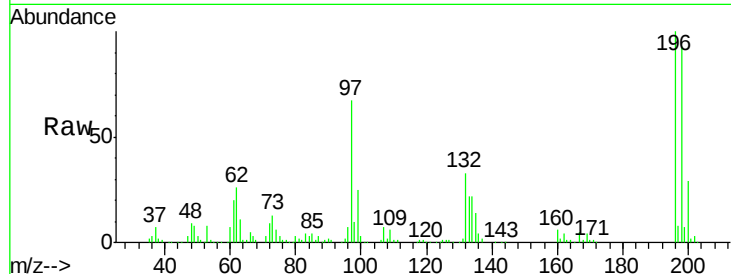
Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	94.3	78.0	117.0
200	30.0	25.4	38.2





#43
 2,4,5-Trichlorophenol
 Concen: 40.23 ng
 RT: 9.12 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: BF088588.D
 Acq: 1 Jul 2016 22:11

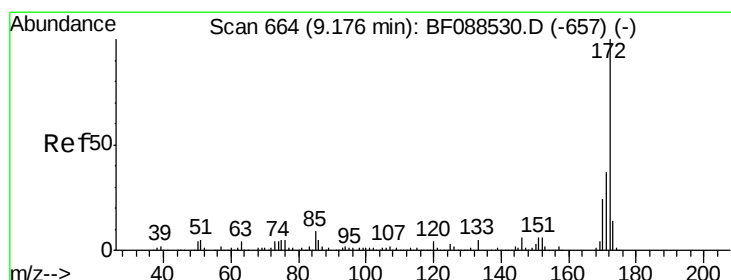
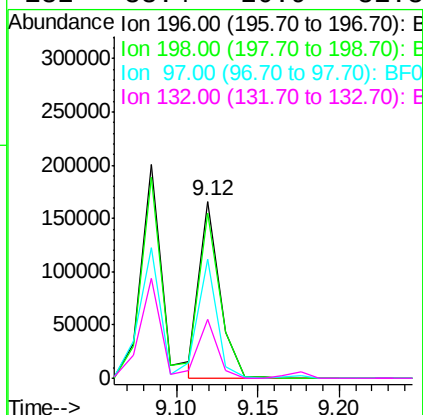
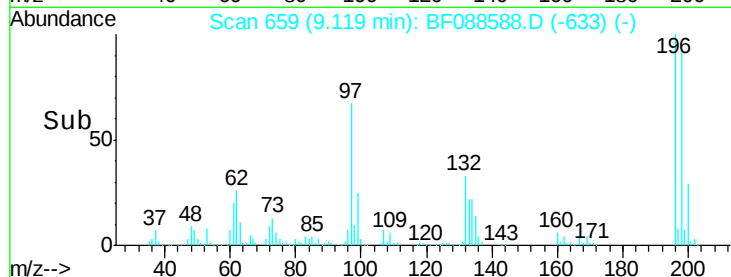
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



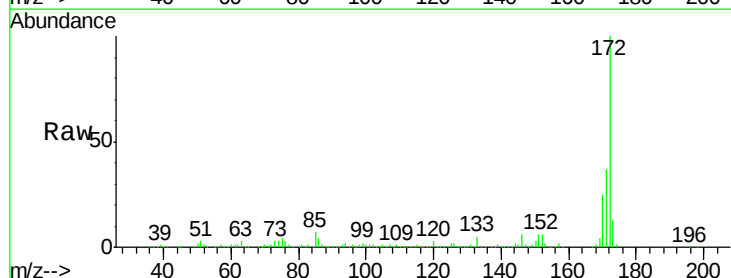
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	145232		
198	93.4	77.5	116.3	
97	67.2	32.0	48.0	#
132	33.4	20.9	31.3	#

Manual Integrations
 APPROVED

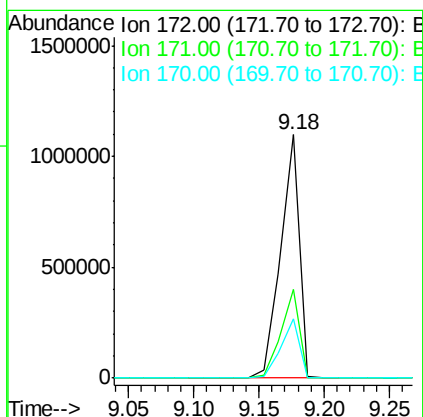
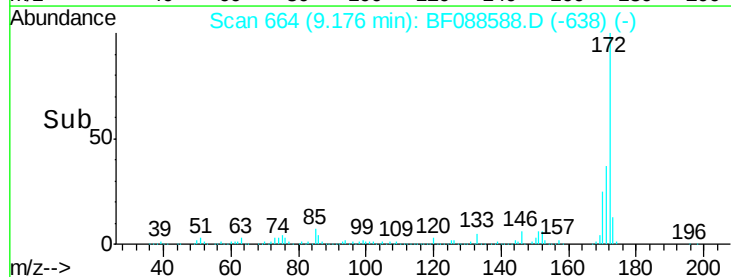
sohil
 7/5/2016 7:31:17 PM

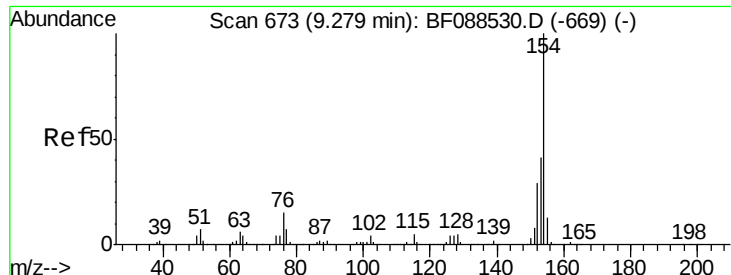


#44
 2-Fluorobiphenyl
 Concen: 91.04 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF088588.D
 Acq: 1 Jul 2016 22:11



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1102793		
171	36.6	28.6	43.0	
170	24.5	19.2	28.8	





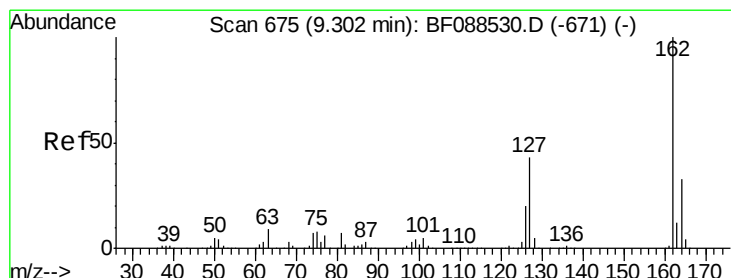
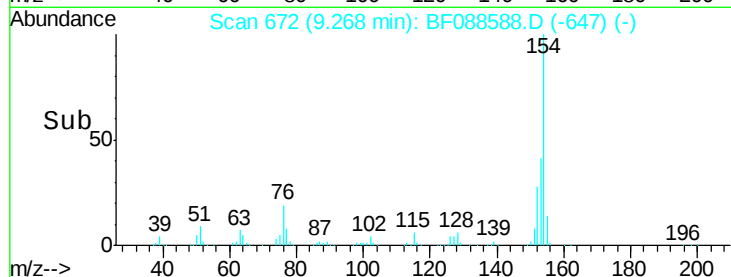
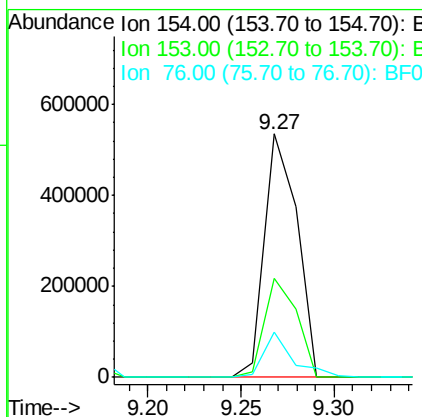
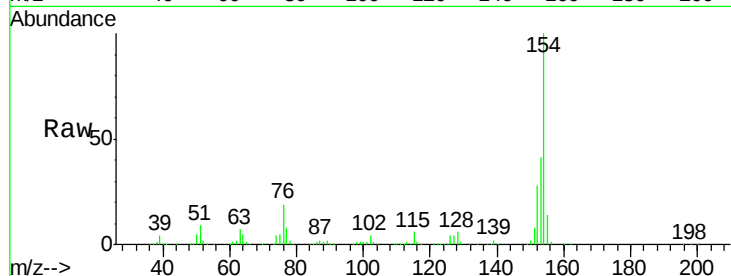
#45
 1,1'-Biphenyl
 Concen: 40.85 ng
 RT: 9.27 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF088588.D
 Acq: 1 Jul 2016 22:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.6	60.6
76	18.7	0.0	35.1

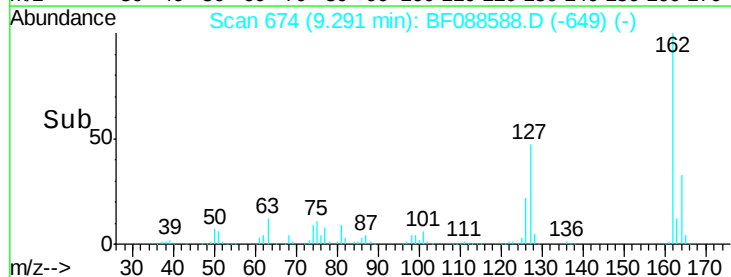
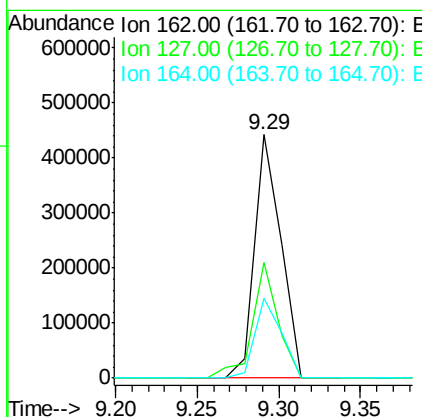
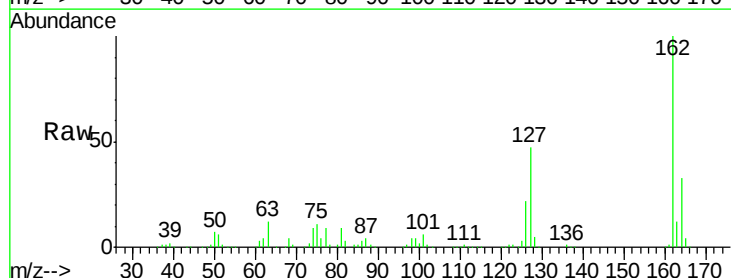
Manual Integrations
 APPROVED

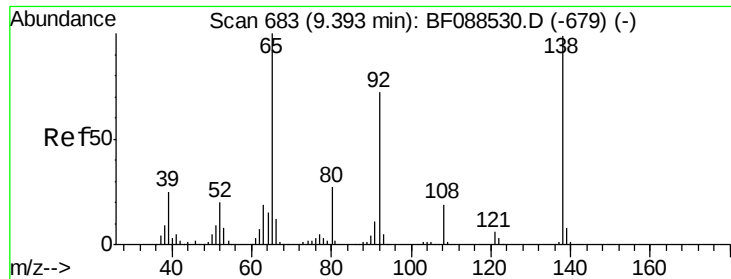
sohil
 7/5/2016 7:31:17 PM



#46
 2-Chloronaphthalene
 Concen: 39.82 ng
 RT: 9.29 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF088588.D
 Acq: 1 Jul 2016 22:11

Tgt Ion	Ratio	Lower	Upper
162	100		
127	47.3	35.2	52.8
164	32.7	26.6	39.8





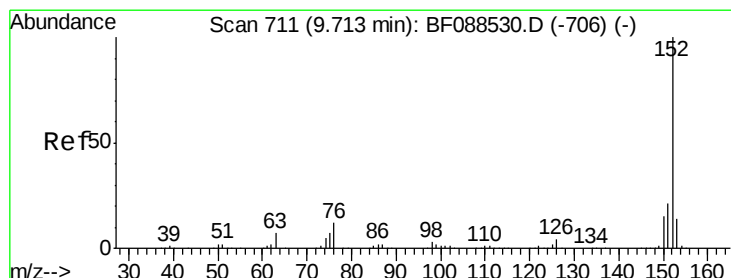
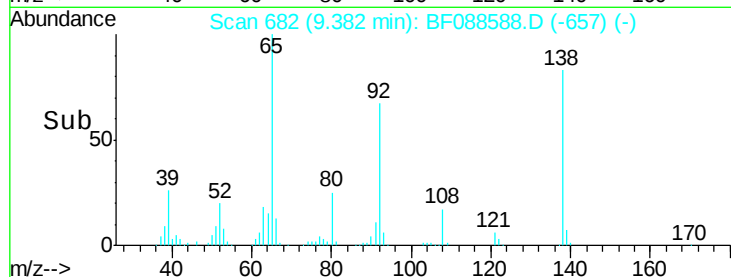
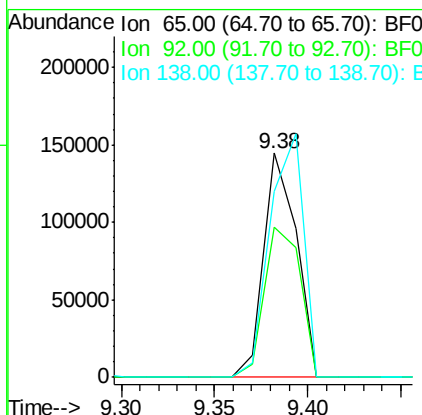
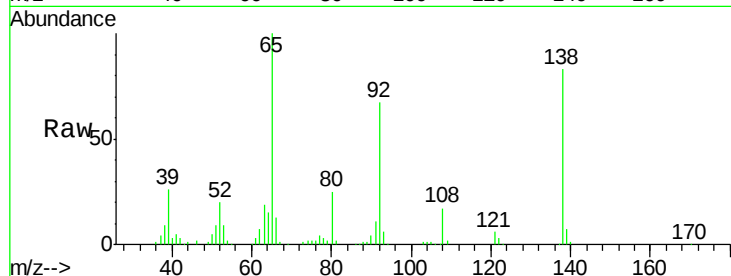
#47
2-Nitroaniline
Concen: 39.68 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF088588.D
Acq: 1 Jul 2016 22:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.0	54.6	82.0
138	82.7	77.0	115.4

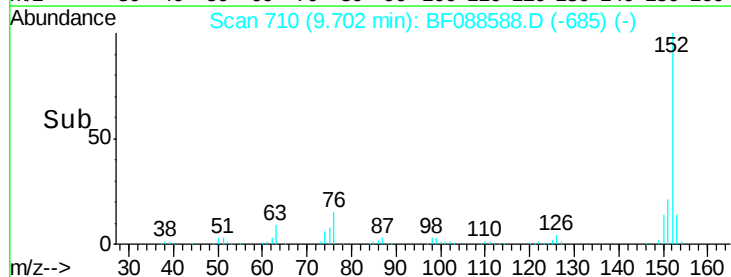
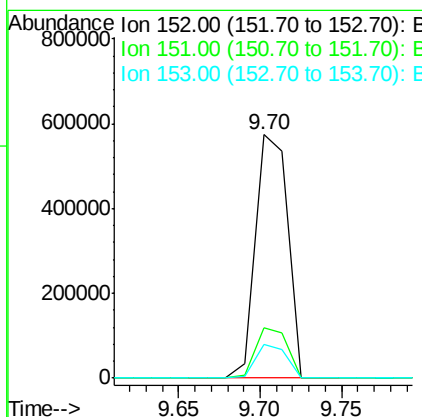
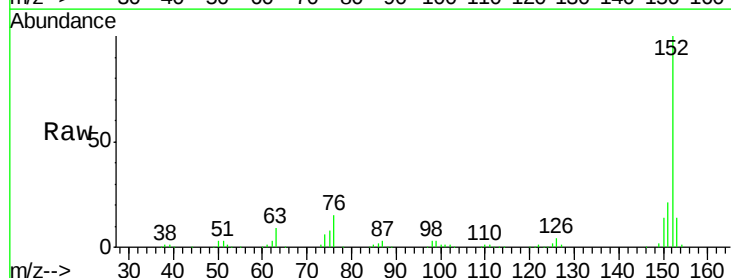
Manual Integrations
APPROVED

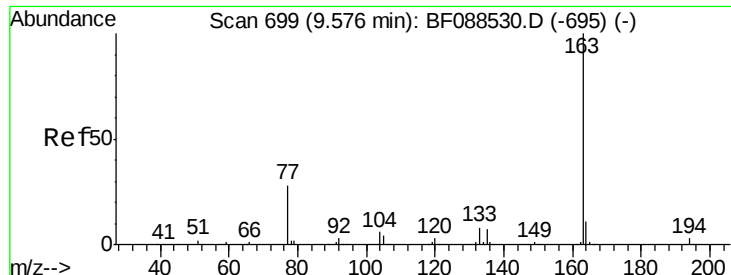
sohil
7/5/2016 7:31:17 PM



#48
Acenaphthylene
Concen: 39.67 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF088588.D
Acq: 1 Jul 2016 22:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4
153	13.9	11.0	16.6





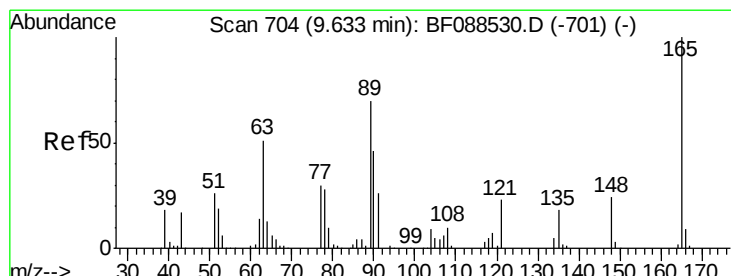
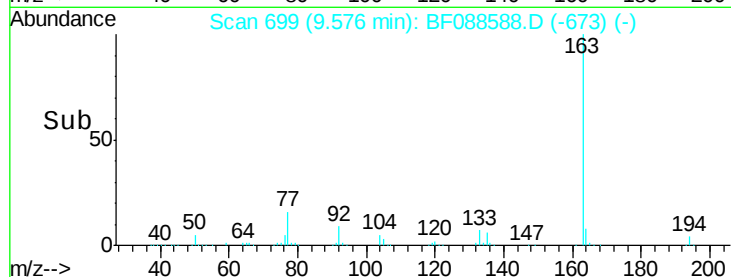
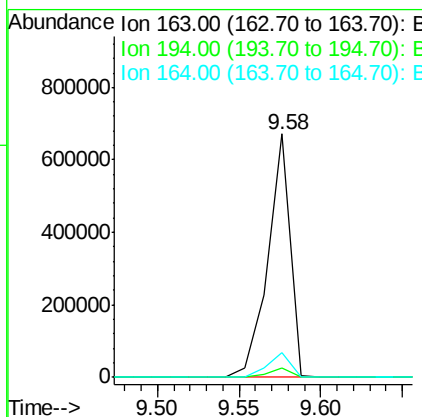
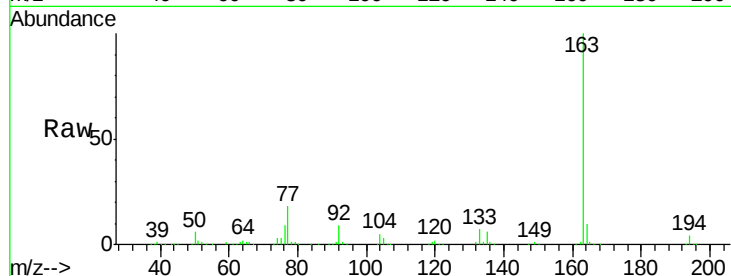
#49
Dimethylphthalate
Concen: 46.69 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF088588.D
Acq: 1 Jul 2016 22:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	636484		
194	3.7	2.8	4.2	
164	10.1	8.3	12.5	

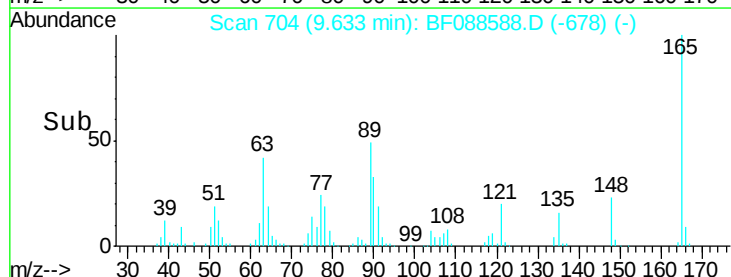
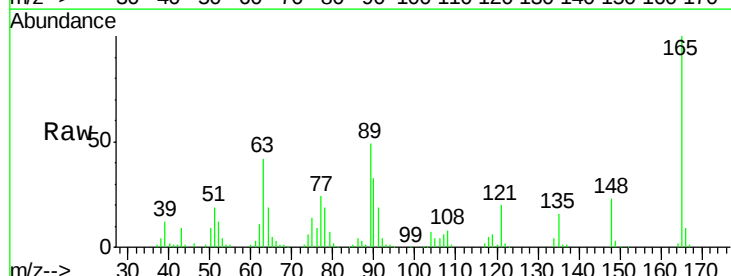
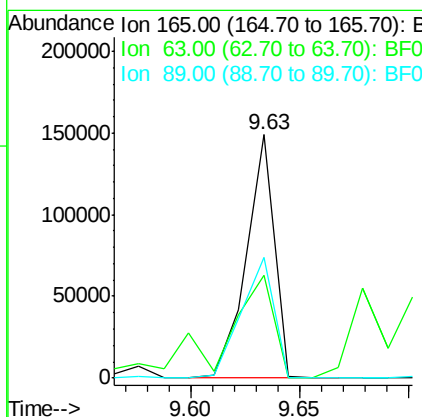
Manual Integrations
APPROVED

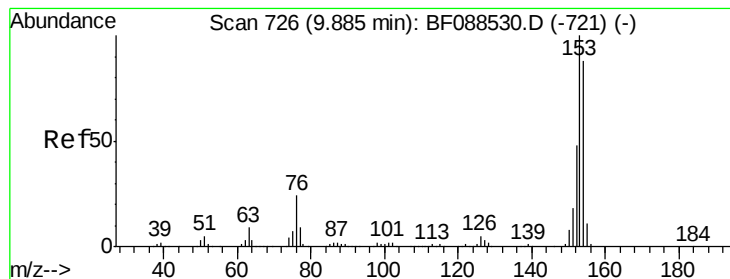
sohil
7/5/2016 7:31:17 PM



#50
2,6-Dinitrotoluene
Concen: 44.02 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF088588.D
Acq: 1 Jul 2016 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	132993		
63	42.4	28.1	42.1#	
89	49.5	32.2	48.2#	





#51

Acenaphthene

Concen: 38.18 ng

RT: 9.88 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF088588.D

Acq: 1 Jul 2016 22:11

Instrument :

BNA_F

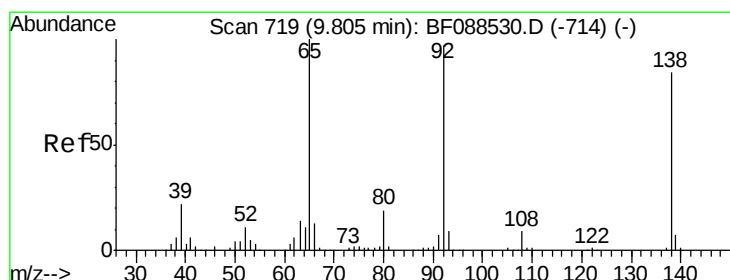
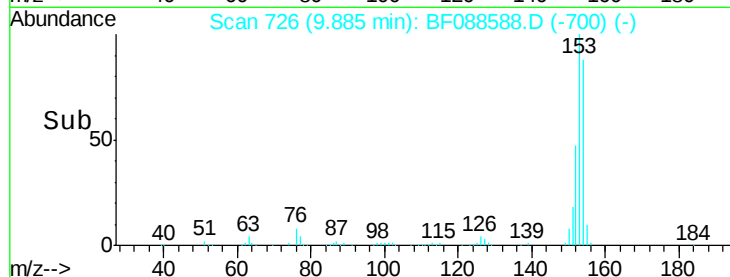
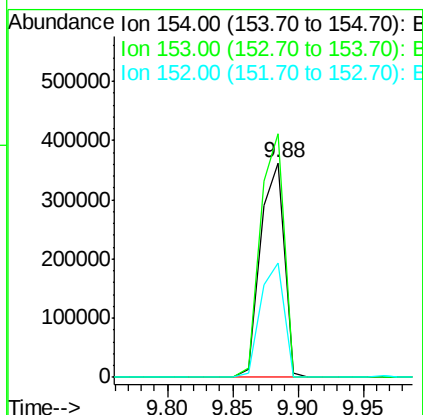
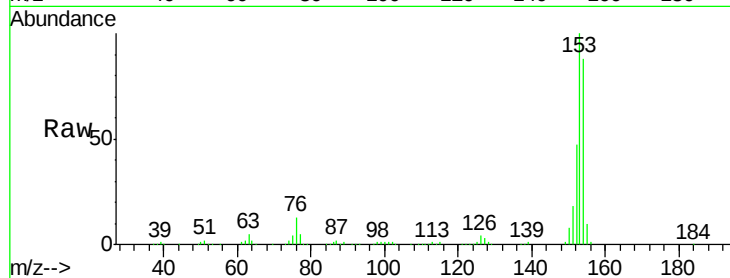
ClientSampleId :

SSTDCCC040

Tgt Ion:	154	Resp:	463138
Ion Ratio	Lower	Upper	
154	100		
153	113.4	89.5	134.3
152	53.5	42.7	64.1

Manual Integrations
APPROVED

sohil
7/5/2016 7:31:17 PM



#52

3-Nitroaniline

Concen: 37.11 ng

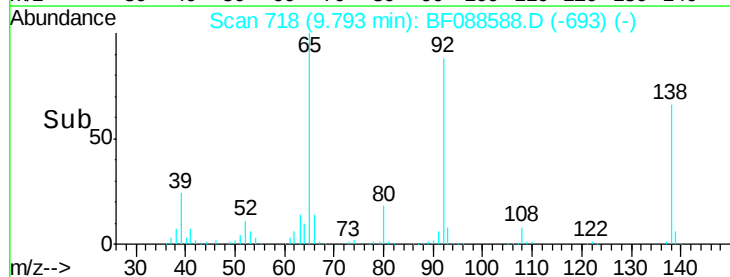
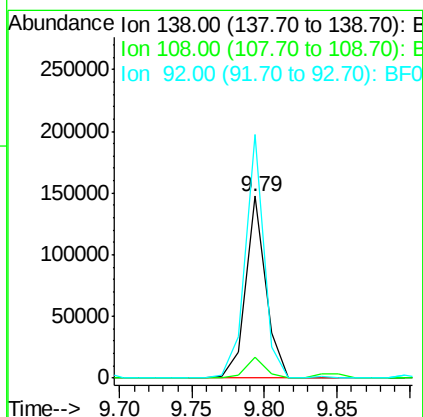
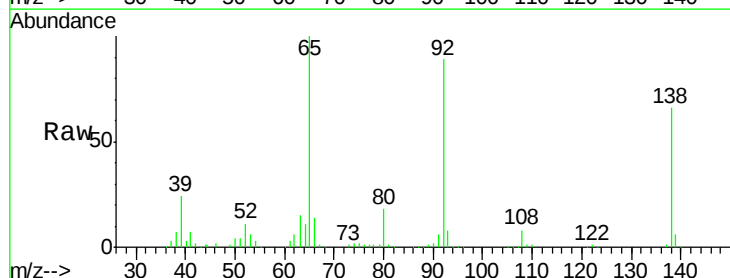
RT: 9.79 min Scan# 718

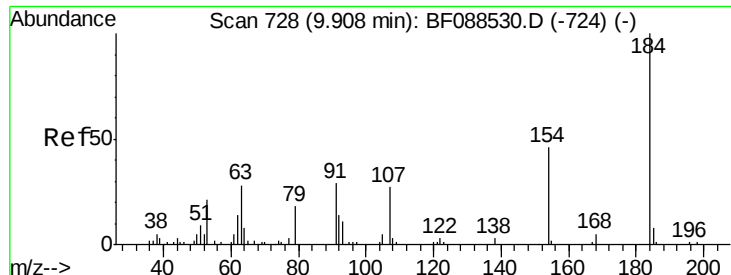
Delta R.T. -0.01 min

Lab File: BF088588.D

Acq: 1 Jul 2016 22:11

Tgt Ion:	138	Resp:	142512
Ion Ratio	Lower	Upper	
138	100		
108	11.4	8.5	12.7
92	133.8	95.7	143.5





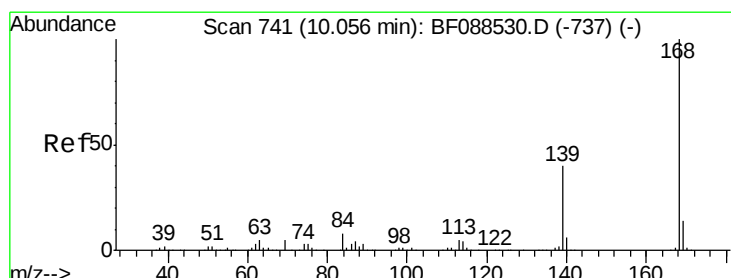
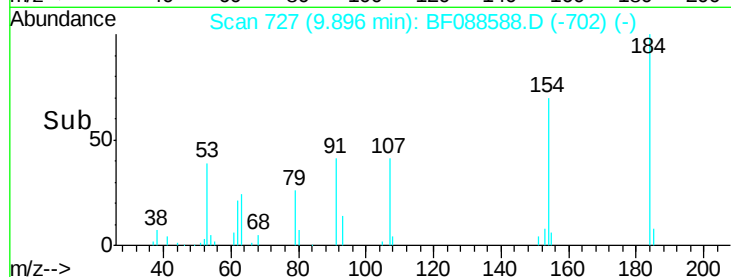
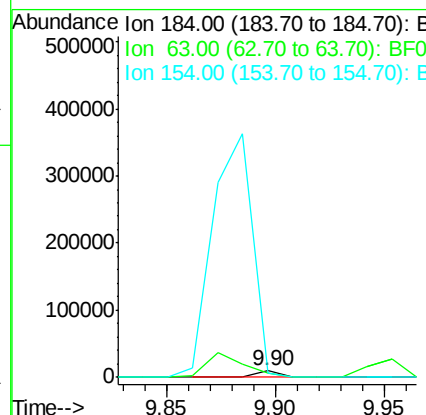
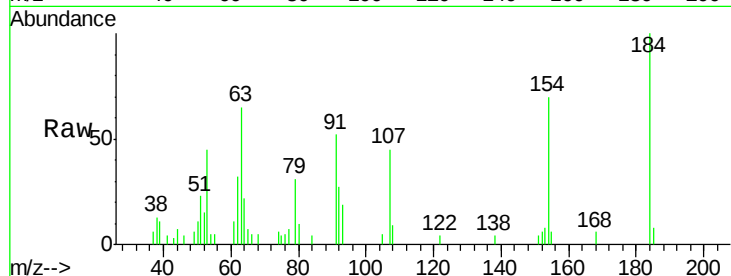
#53
2,4-Dinitrophenol
Concen: 5.60 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF088588.D
Acq: 1 Jul 2016 22:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.7	57.6	86.4
154	70.0	53.5	80.3

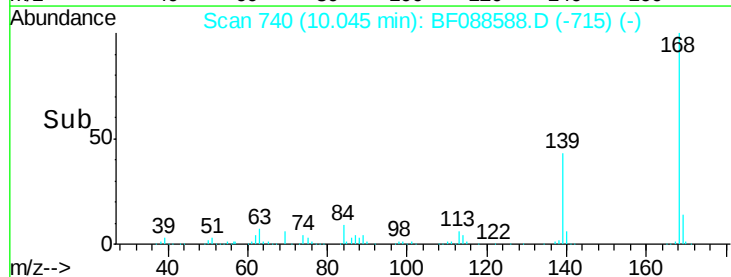
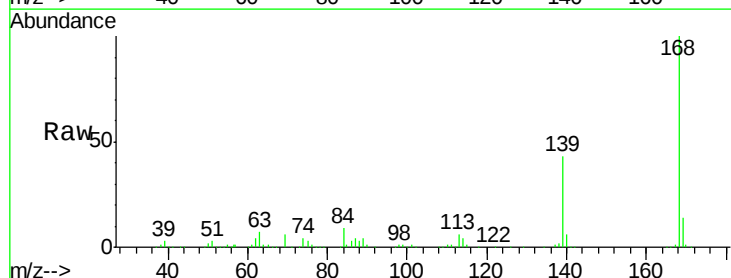
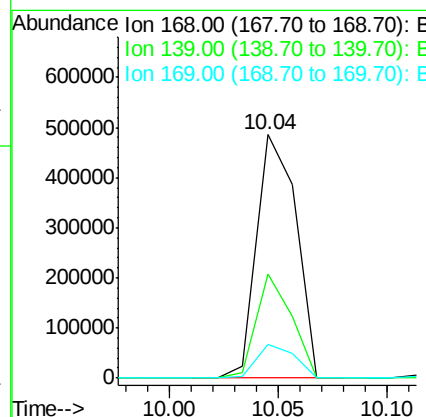
Manual Integrations
APPROVED

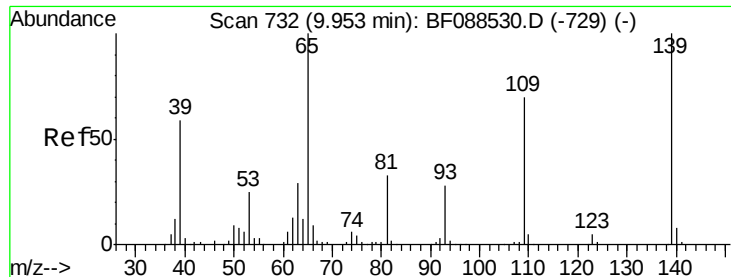
sohil
7/5/2016 7:31:17 PM



#54
Dibenzofuran
Concen: 38.69 ng
RT: 10.04 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF088588.D
Acq: 1 Jul 2016 22:11

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.6	26.4	39.6#
169	13.8	10.4	15.6





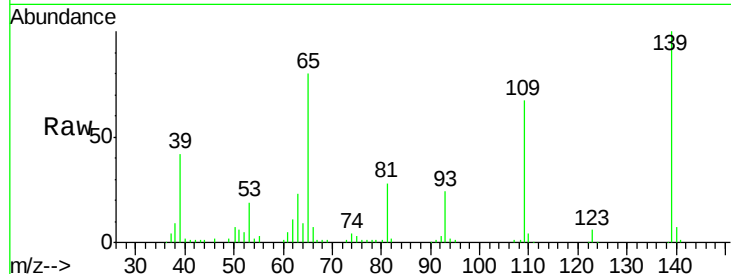
#55
4-Nitrophenol
Concen: 37.31 ng
RT: 9.95 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF088588.D
Acq: 1 Jul 2016 22:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

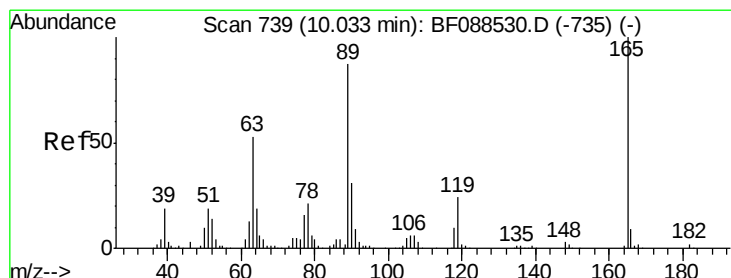
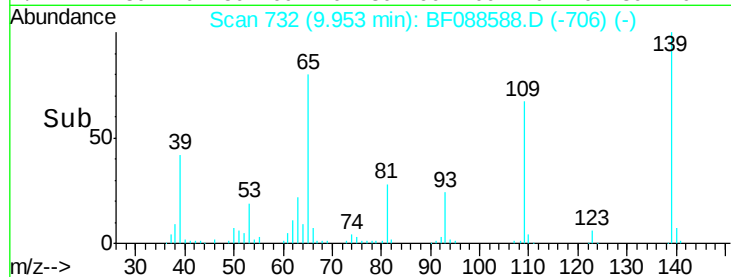
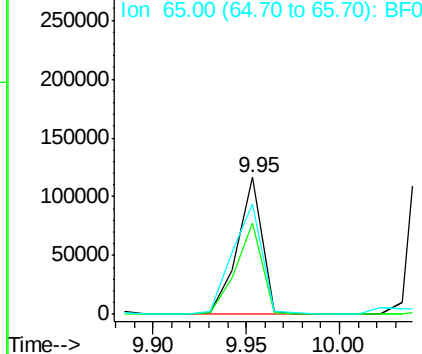
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	108887		
109	66.6	48.9	88.9	
65	80.3	84.9	124.9	

Manual Integrations
APPROVED

sohil
7/5/2016 7:31:17 PM



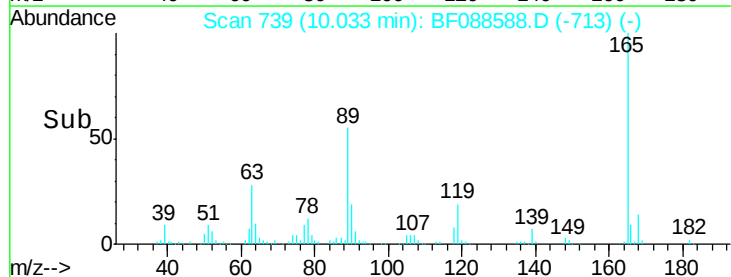
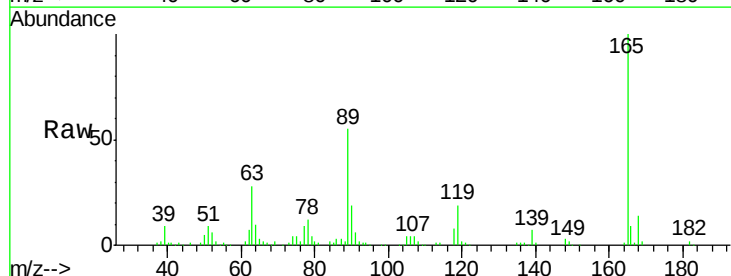
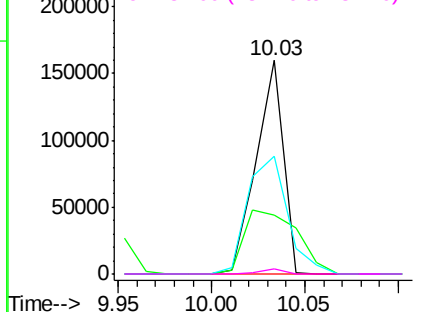
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

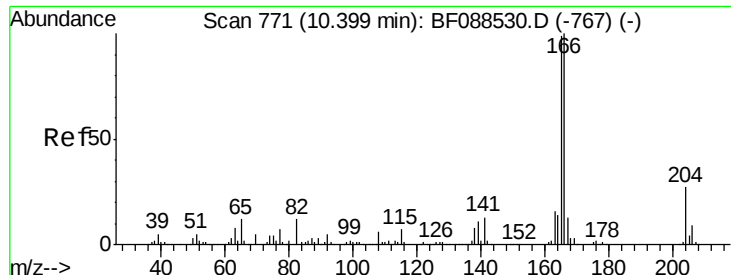


#56
2,4-Dinitrotoluene
Concen: 40.56 ng
RT: 10.03 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF088588.D
Acq: 1 Jul 2016 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	160204		
63	27.7	22.0	33.0	
89	54.9	41.1	61.7	
182	2.4	2.0	3.0	

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 34.81 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF088588.D

Acq: 1 Jul 2016 22:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:166 Resp: 425973

Ion Ratio Lower Upper

166 100

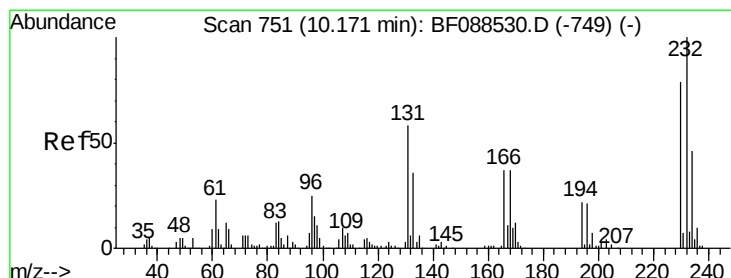
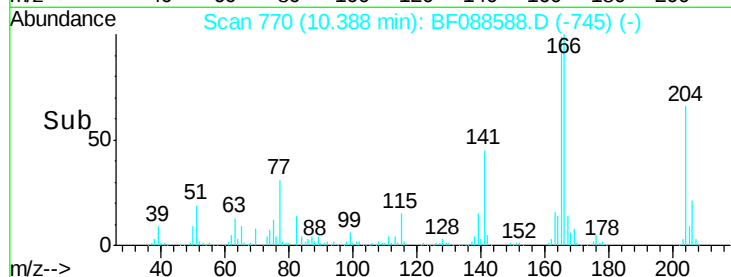
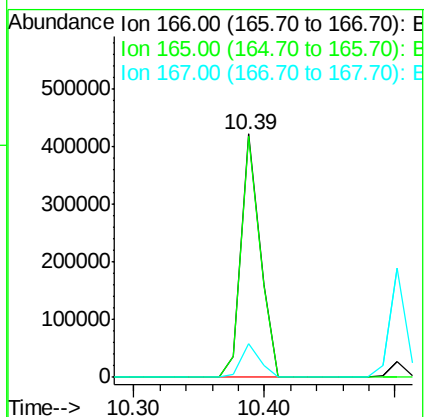
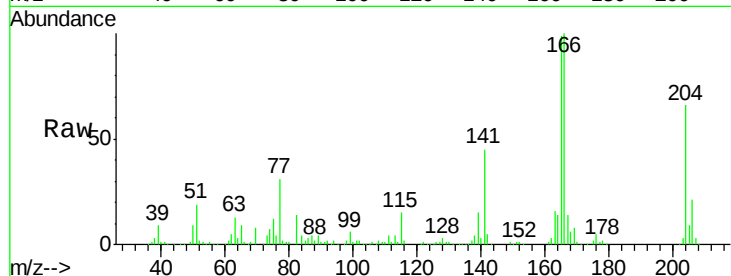
165 99.0 77.8 116.8

167 14.0 11.2 16.8

Manual Integrations
APPROVED

sohil

7/5/2016 7:31:17 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.70 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF088588.D

Acq: 1 Jul 2016 22:11

Tgt Ion:232 Resp: 108083

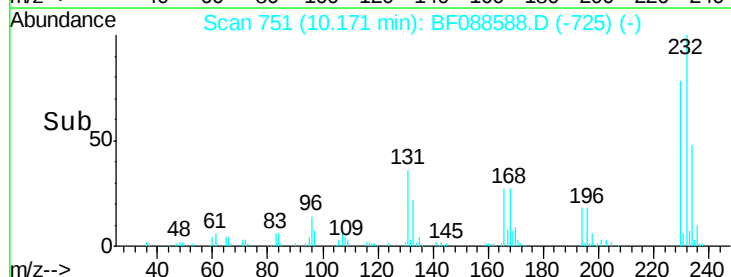
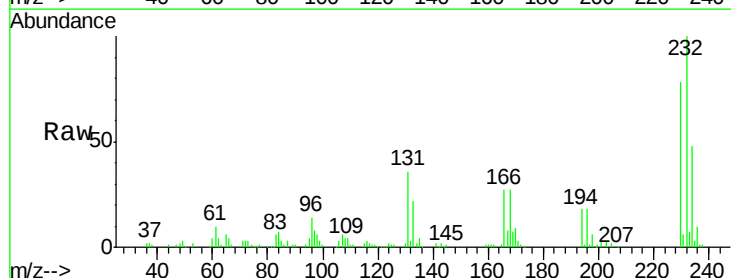
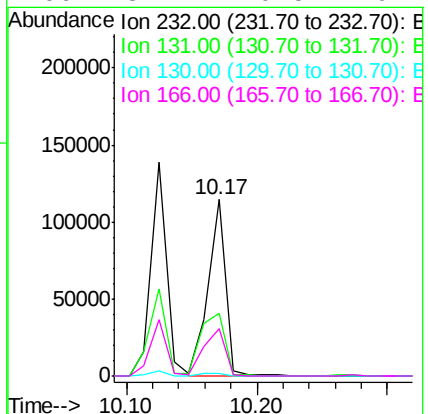
Ion Ratio Lower Upper

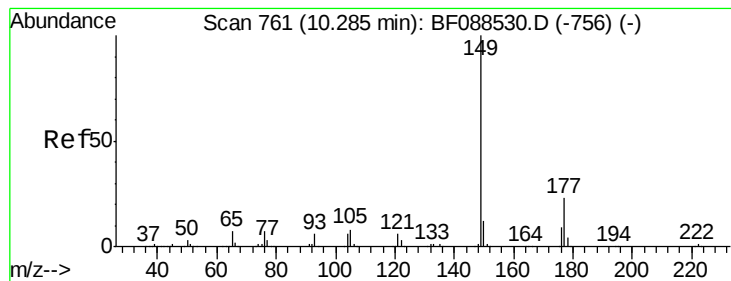
232 100

131 49.0 0.9 1.3#

130 2.5 1.5 2.3#

166 32.2 0.5 0.7#





#59

Diethylphthalate

Concen: 42.12 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF088588.D

Acq: 1 Jul 2016 22:11

Instrument :

BNA_F

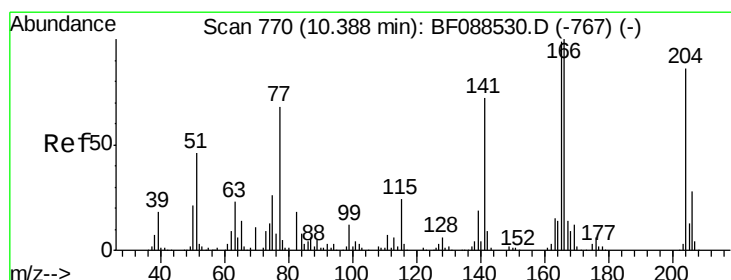
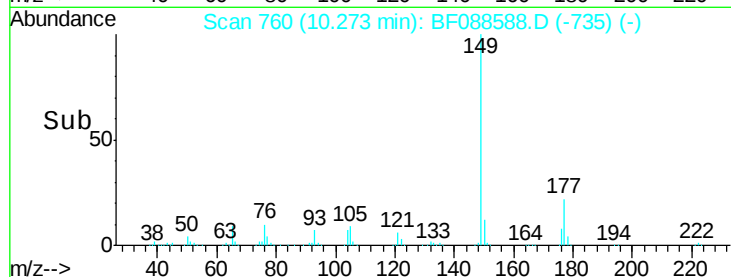
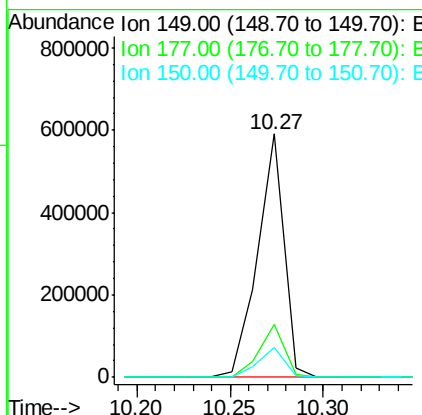
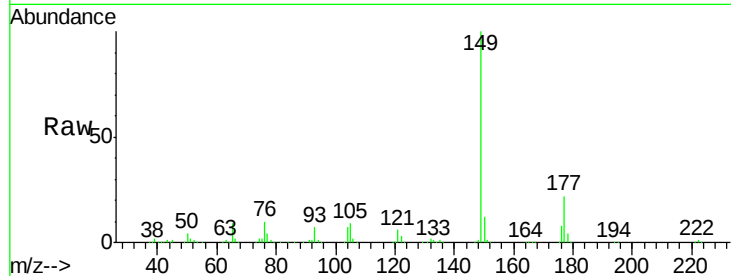
ClientSampleId :

SSTDCCC040

Tgt Ion:	149	Resp:	576246
Ion Ratio	Lower	Upper	
149	100		
177	21.8	16.9	25.3
150	12.4	10.1	15.1

Manual Integrations
APPROVED

sohil
7/5/2016 7:31:17 PM



#60

4-Chlorophenyl-phenylether

Concen: 40.35 ng

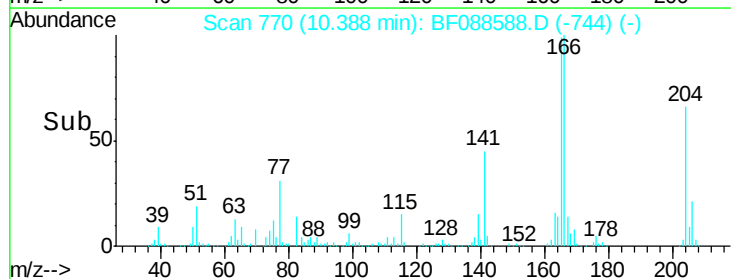
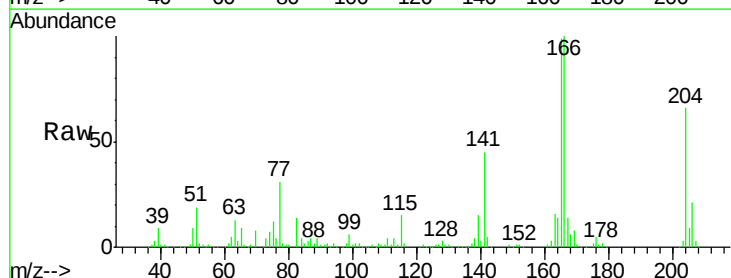
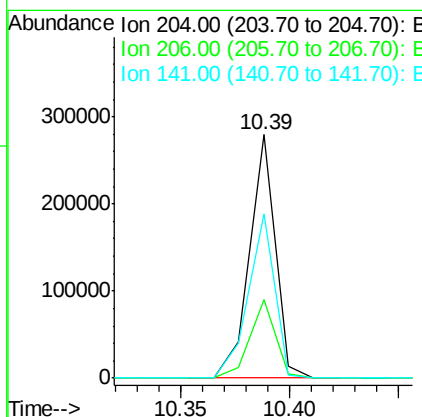
RT: 10.39 min Scan# 770

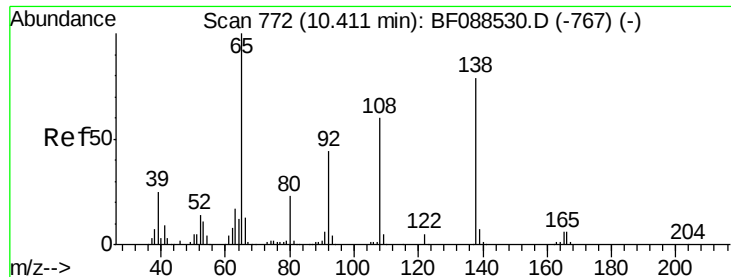
Delta R.T. -0.00 min

Lab File: BF088588.D

Acq: 1 Jul 2016 22:11

Tgt Ion:	204	Resp:	229400
Ion Ratio	Lower	Upper	
204	100		
206	32.4	26.3	39.5
141	67.3	55.0	82.6





#61

4-Nitroaniline

Concen: 38.22 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF088588.D

Acq: 1 Jul 2016 22:11

Instrument :

BNA_F

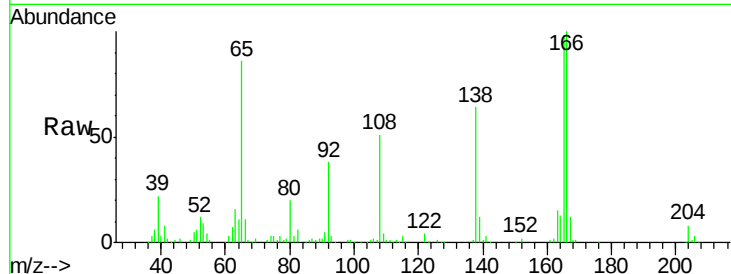
ClientSampled :

SSTDCCC040

Tgt Ion:	138	Resp:	141267
Ion Ratio	Lower	Upper	
138	100		
92	59.5	27.3	67.3
108	79.4	46.7	86.7

Manual Integrations
APPROVED

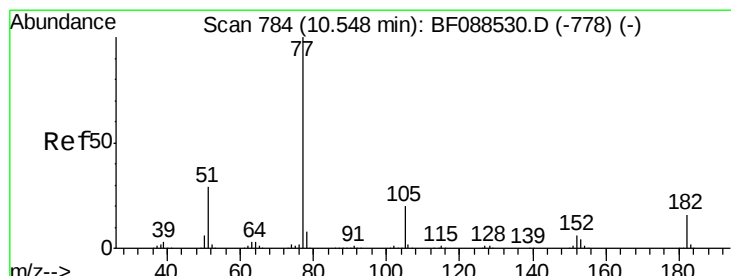
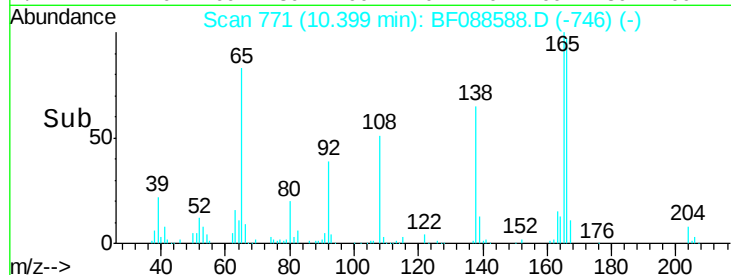
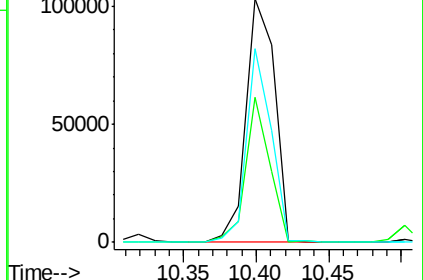
sohil
7/5/2016 7:31:17 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.69 ng

RT: 10.55 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF088588.D

Acq: 1 Jul 2016 22:11

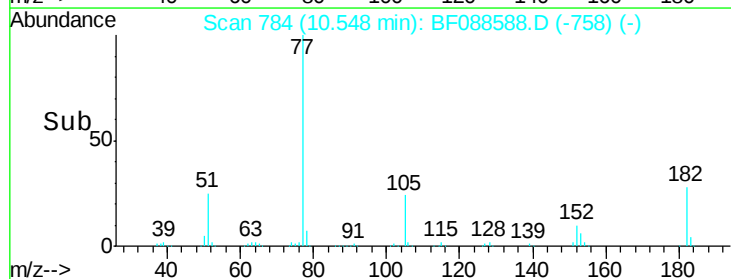
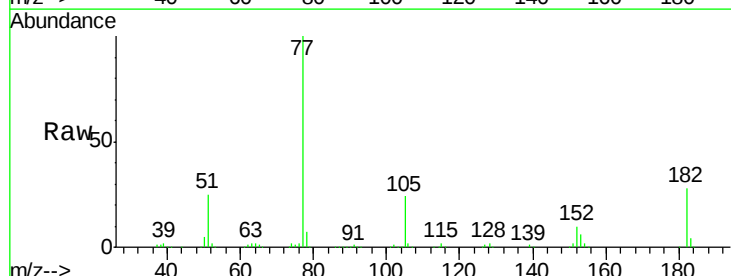
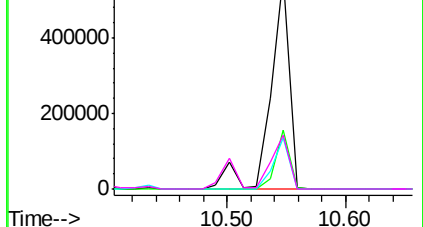
Tgt Ion:	77	Resp:	619348
Ion Ratio	Lower	Upper	
77	100		
182	27.5	4.4	44.4
105	24.2	3.8	43.8
51	24.9	9.3	49.3

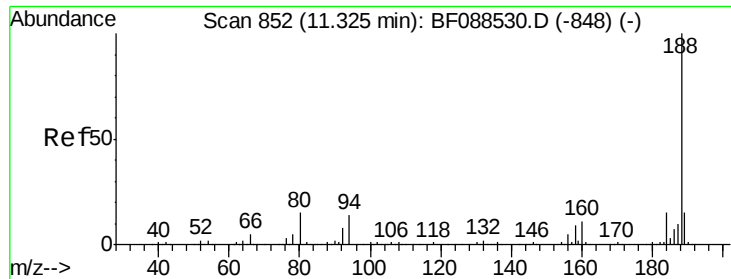
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





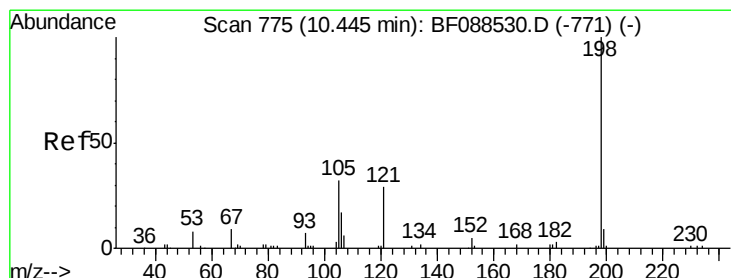
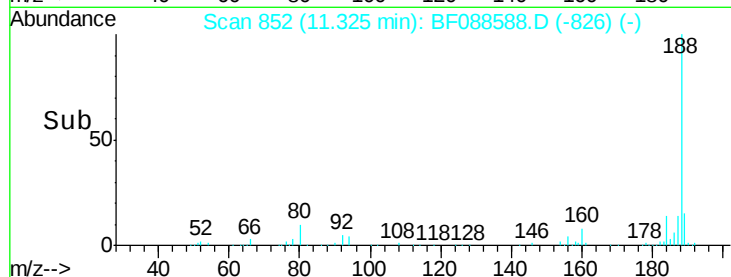
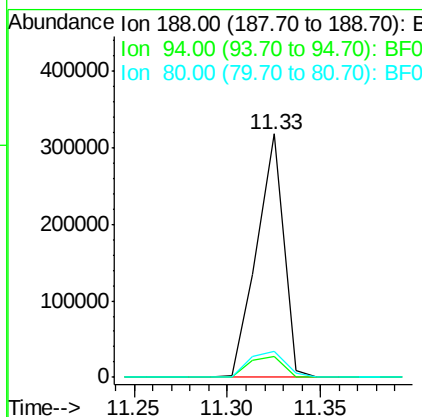
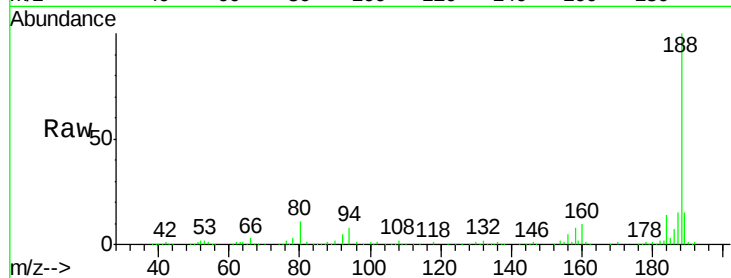
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF088588.D
Acq: 1 Jul 2016 22:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	318965		
94	8.5	9.0	13.6#	
80	10.9	10.0	15.0	

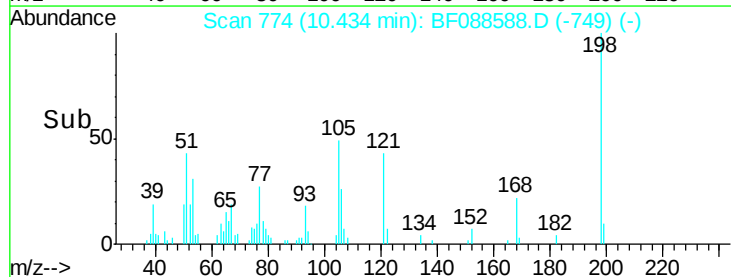
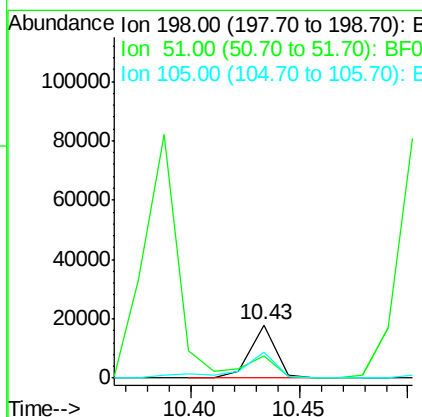
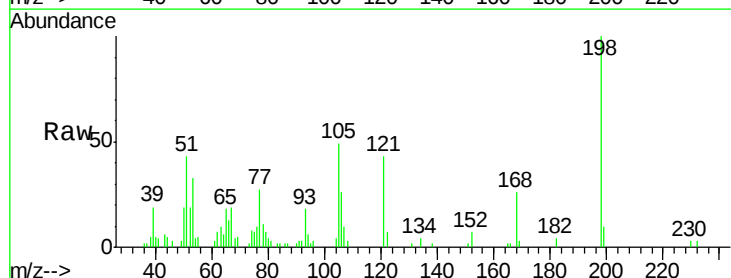
Manual Integrations
APPROVED

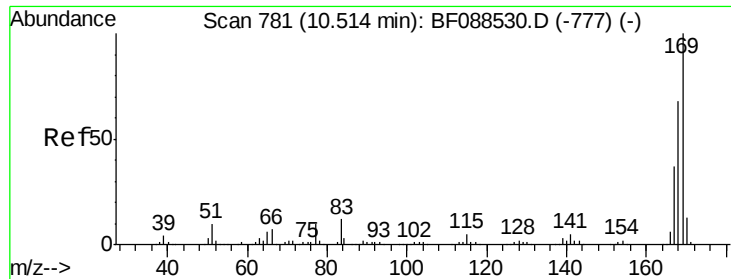
sohil
7/5/2016 7:31:17 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 8.49 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF088588.D
Acq: 1 Jul 2016 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	14492		
51	42.7	39.6	79.6	
105	48.6	36.6	76.6	





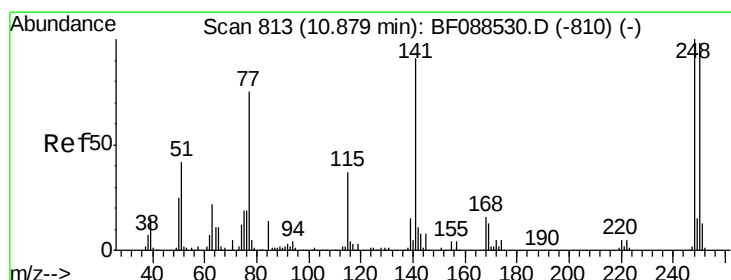
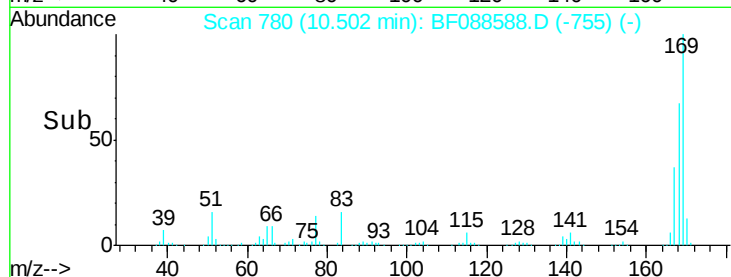
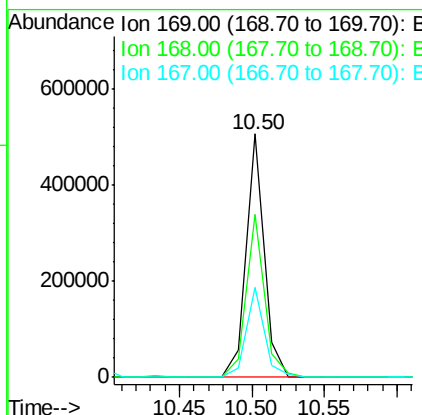
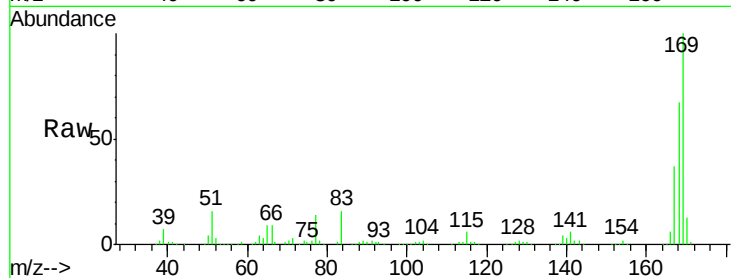
#65
n-Nitrosodiphenylamine
Concen: 40.58 ng
RT: 10.50 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF088588.D
Acq: 1 Jul 2016 22:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	438028		
168	67.1	53.4	80.0	
167	37.2	29.4	44.0	

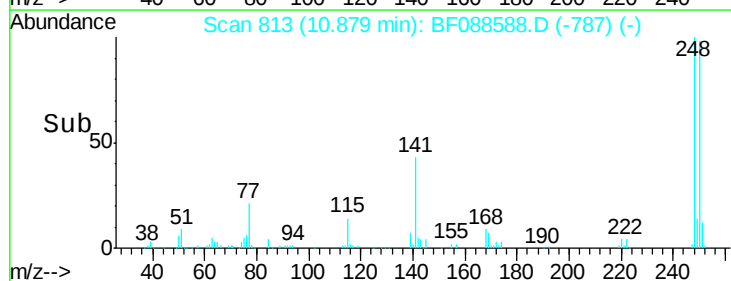
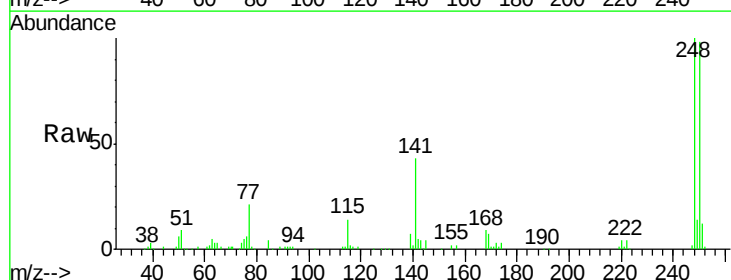
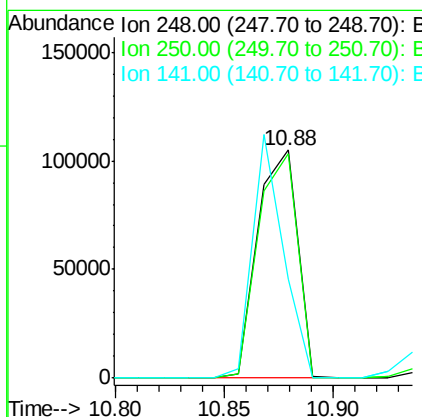
Manual Integrations
APPROVED

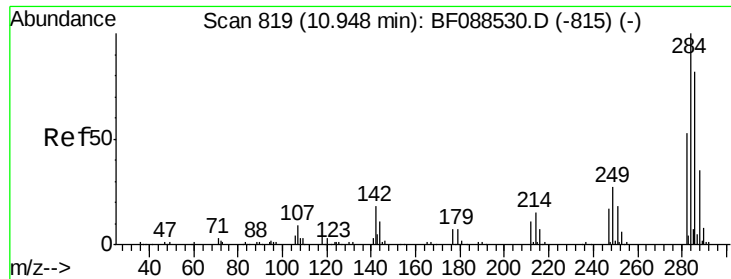
sohil
7/5/2016 7:31:17 PM



#66
4-Bromophenyl-phenylether
Concen: 41.89 ng
RT: 10.88 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF088588.D
Acq: 1 Jul 2016 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	134653		
250	98.1	77.1	115.7	
141	43.3	50.6	76.0	





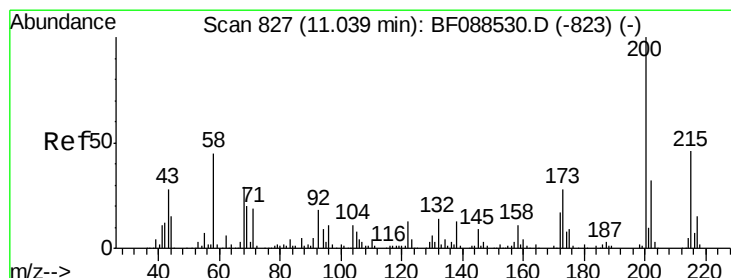
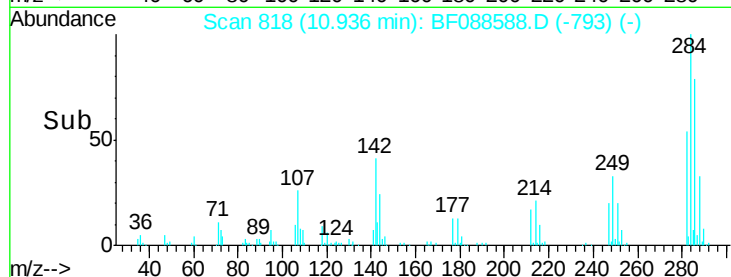
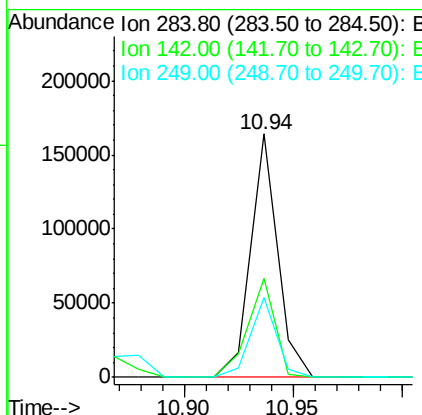
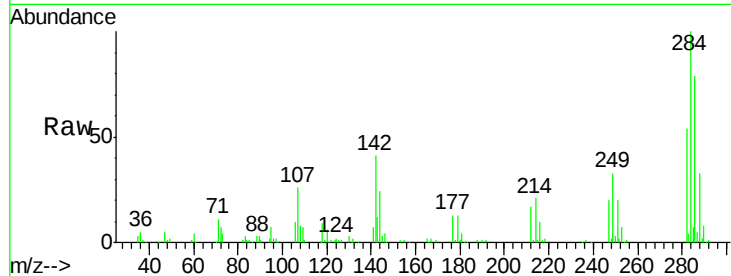
#67
Hexachlorobenzene
Concen: 39.67 ng
RT: 10.94 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF088588.D
Acq: 1 Jul 2016 22:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	40.9	35.8	53.8
249	32.6	25.8	38.6

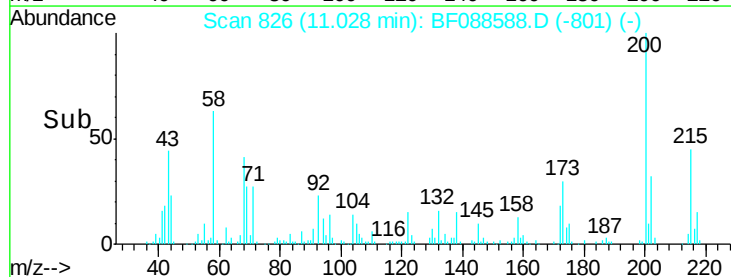
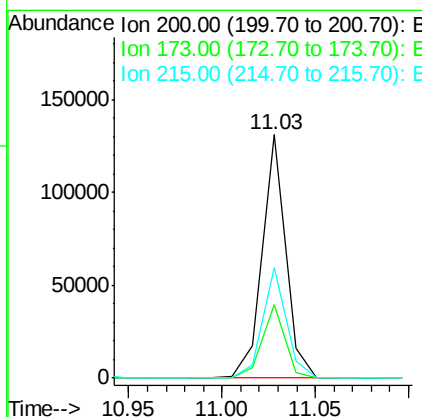
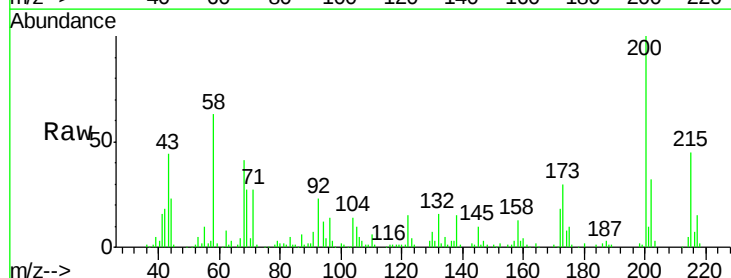
Manual Integrations
APPROVED

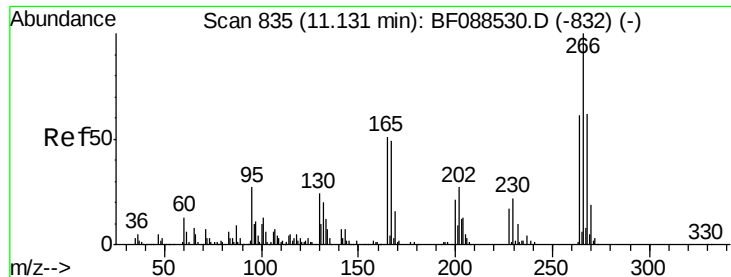
sohil
7/5/2016 7:31:17 PM



#68
Atrazine
Concen: 33.80 ng
RT: 11.03 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF088588.D
Acq: 1 Jul 2016 22:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	30.0	4.0	44.0
215	45.4	29.3	69.3





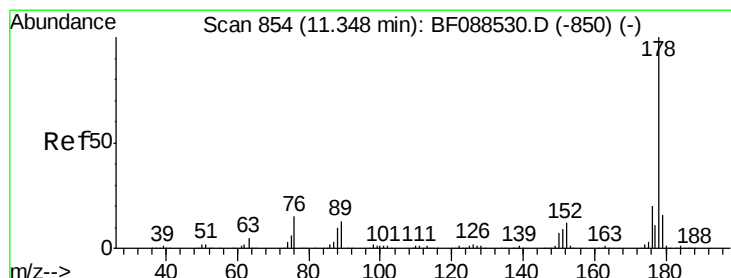
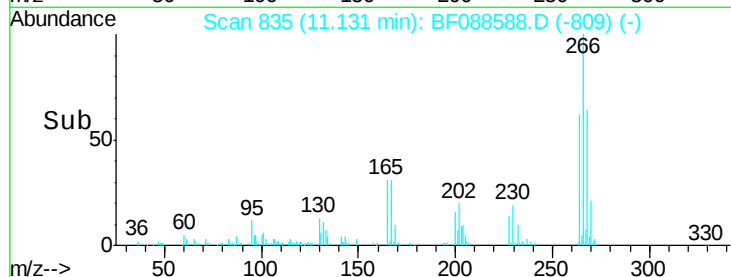
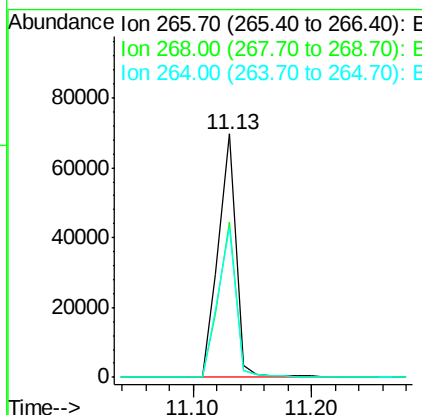
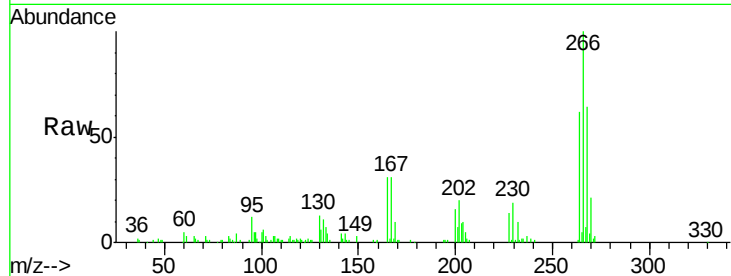
#69
 Pentachlorophenol
 Concen: 34.28 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BF088588.D
 Acq: 1 Jul 2016 22:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	52.8	79.2
264	61.9	49.6	74.4

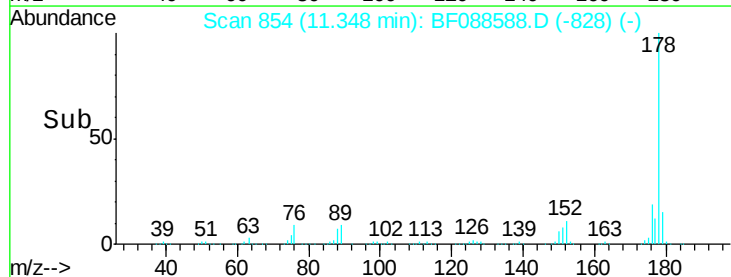
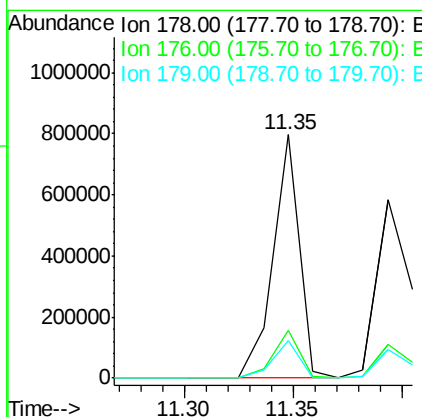
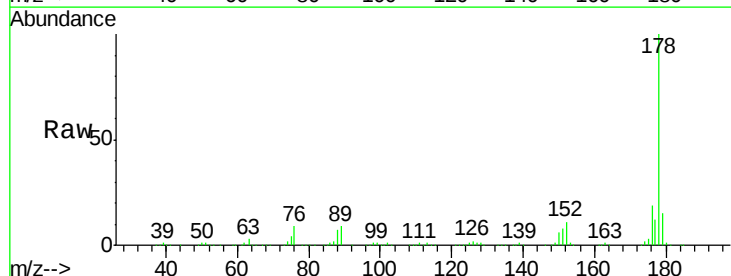
Manual Integrations
 APPROVED

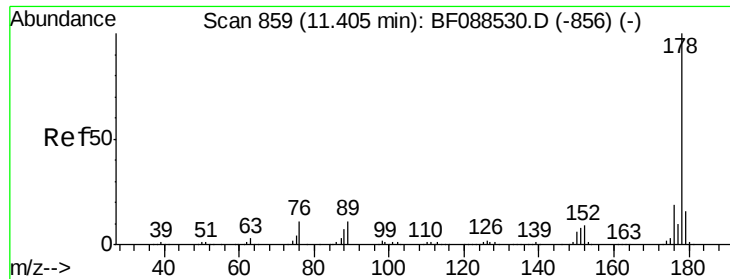
sohil
 7/5/2016 7:31:17 PM



#70
 Phenanthrene
 Concen: 38.93 ng
 RT: 11.35 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BF088588.D
 Acq: 1 Jul 2016 22:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.6
179	15.4	13.0	19.4





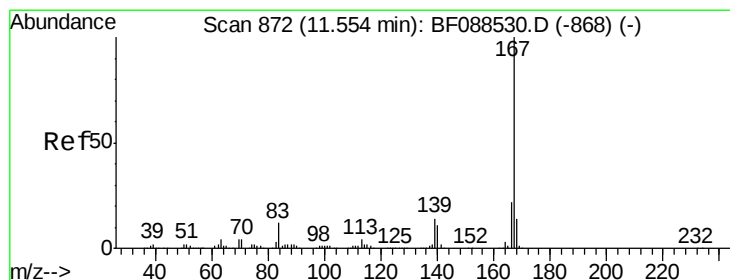
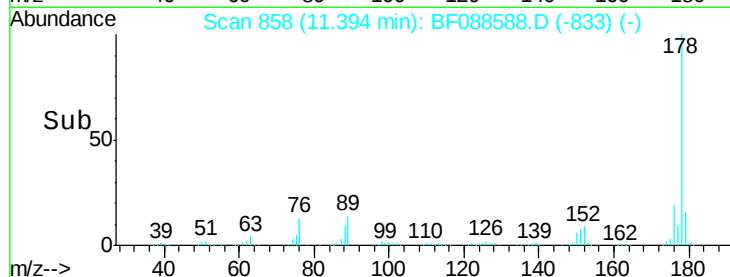
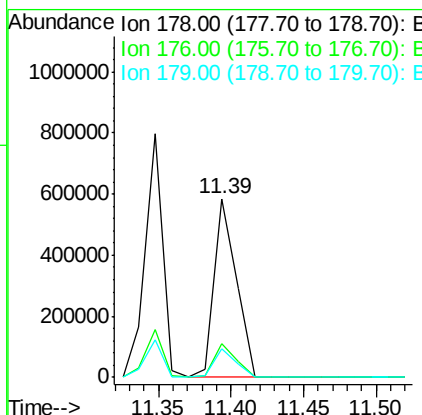
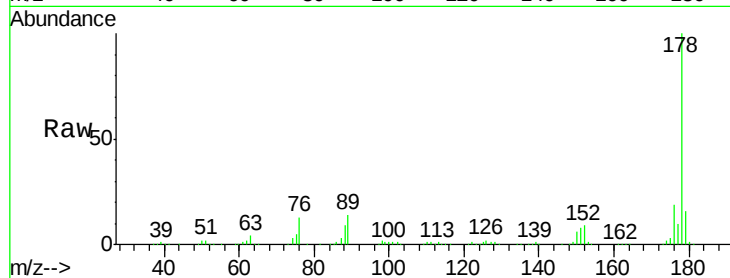
#71
 Anthracene
 Concen: 35.82 ng
 RT: 11.39 min Scan# 858
 Delta R.T. -0.01 min
 Lab File: BF088588.D
 Acq: 1 Jul 2016 22:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.6	23.4
179	15.9	12.8	19.2

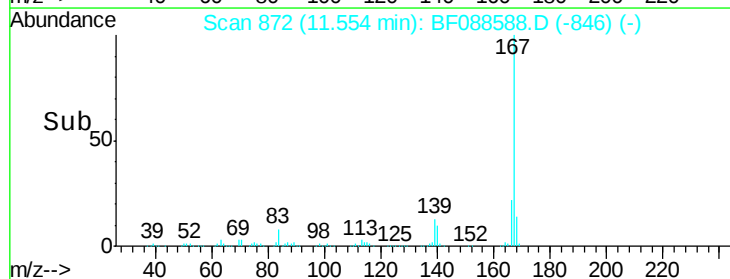
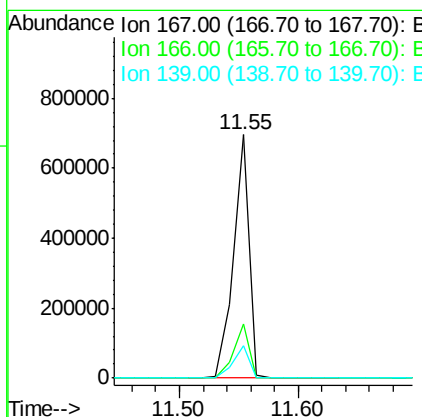
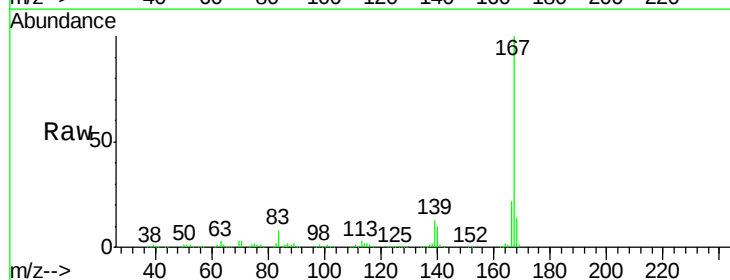
Manual Integrations
 APPROVED

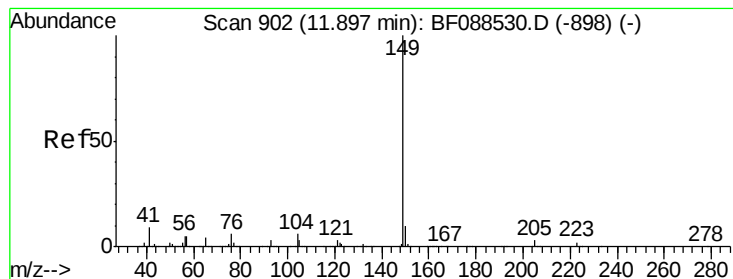
sohil
 7/5/2016 7:31:17 PM



#72
 Carbazole
 Concen: 38.66 ng
 RT: 11.55 min Scan# 872
 Delta R.T. -0.00 min
 Lab File: BF088588.D
 Acq: 1 Jul 2016 22:11

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.6
139	13.1	11.2	16.8





#73

Di-n-butylphthalate

Concen: 42.87 ng

RT: 11.90 min Scan# 902

Delta R.T. -0.00 min

Lab File: BF088588.D

Acq: 1 Jul 2016 22:11

Instrument :

BNA_F

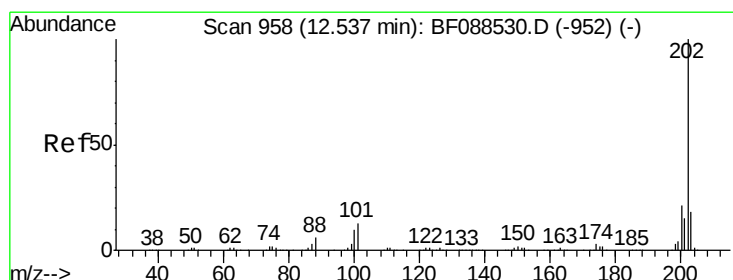
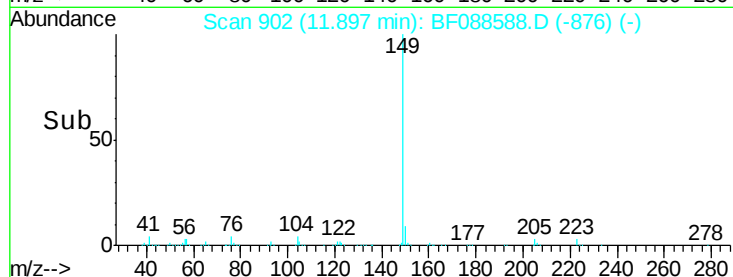
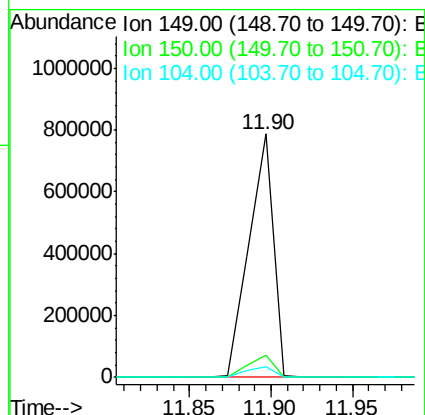
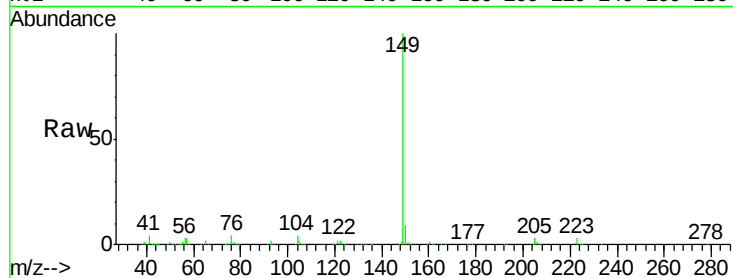
ClientSampleId :

SSTDCCC040

Tgt Ion:	149	Resp:	813609
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.6
104	4.4	4.0	6.0

Manual Integrations
APPROVED

sohil
7/5/2016 7:31:17 PM



#74

Fluoranthene

Concen: 32.99 ng

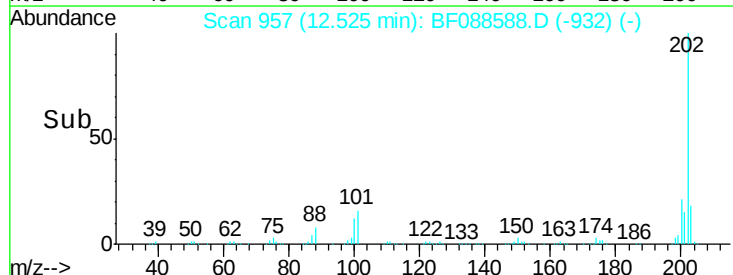
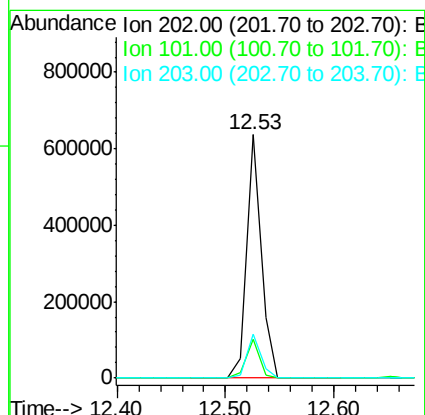
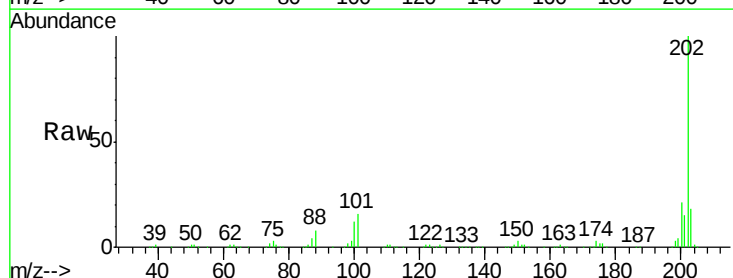
RT: 12.53 min Scan# 957

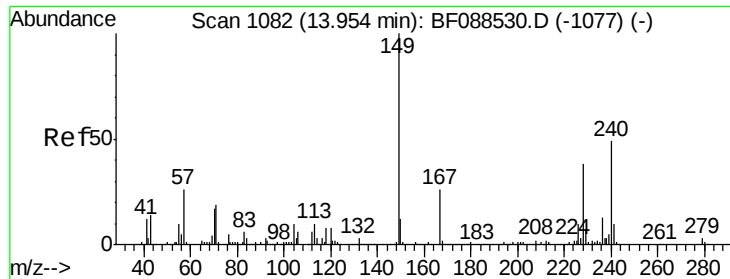
Delta R.T. -0.01 min

Lab File: BF088588.D

Acq: 1 Jul 2016 22:11

Tgt Ion:	202	Resp:	583098
Ion Ratio	Lower	Upper	
202	100		
101	15.8	0.0	33.1
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.00 min

Lab File: BF088588.D

Acq: 1 Jul 2016 22:11

Instrument :

BNA_F

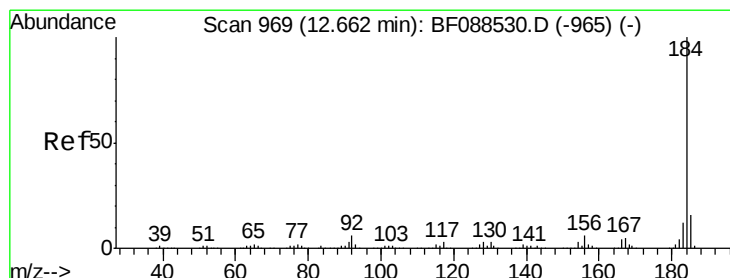
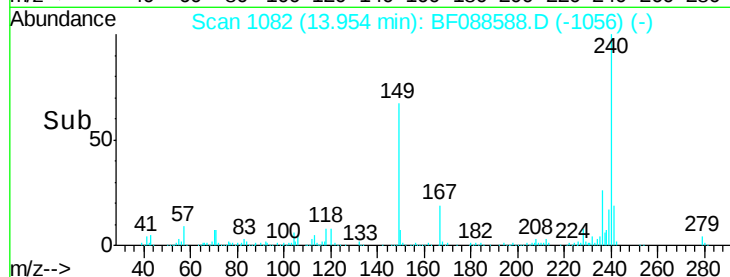
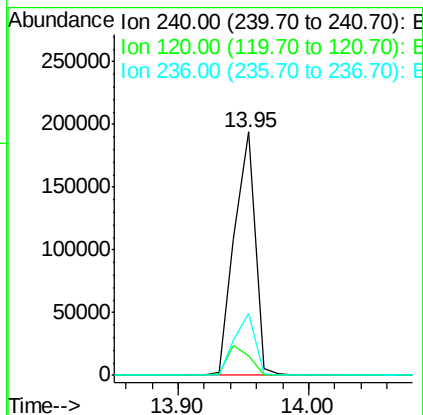
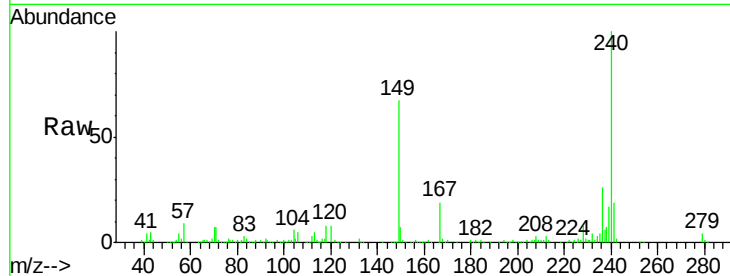
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	214874		
120	8.3	6.8	10.2	
236	25.6	20.2	30.2	

Manual Integrations
APPROVED

sohil
7/5/2016 7:31:17 PM



#76

Benzidine

Concen: 35.37 ng

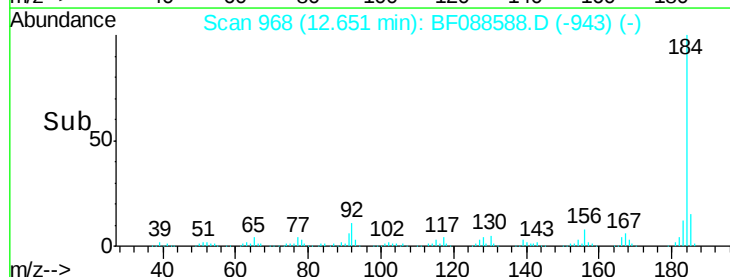
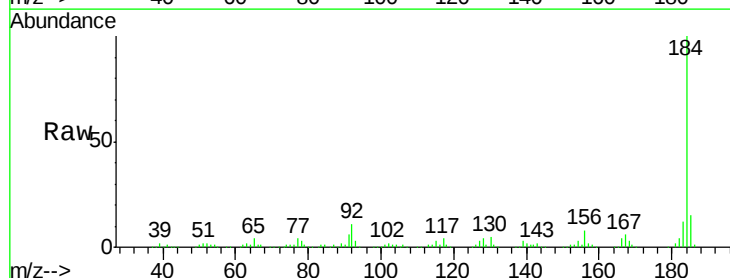
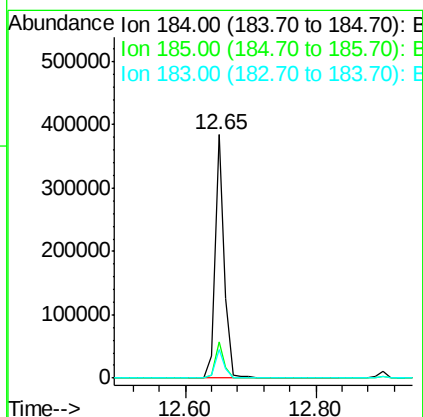
RT: 12.65 min Scan# 968

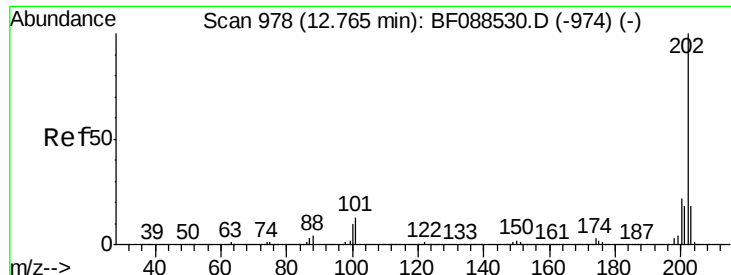
Delta R.T. -0.01 min

Lab File: BF088588.D

Acq: 1 Jul 2016 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	384163		
185	15.1	12.5	18.7	
183	11.6	9.3	13.9	





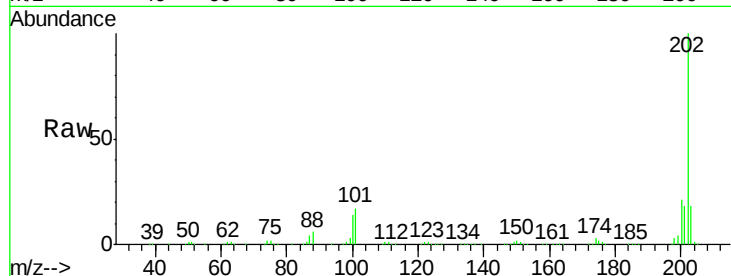
#77
Pyrene
 Concen: 33.82 ng
 RT: 12.75 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BF088588.D
 Acq: 1 Jul 2016 22:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

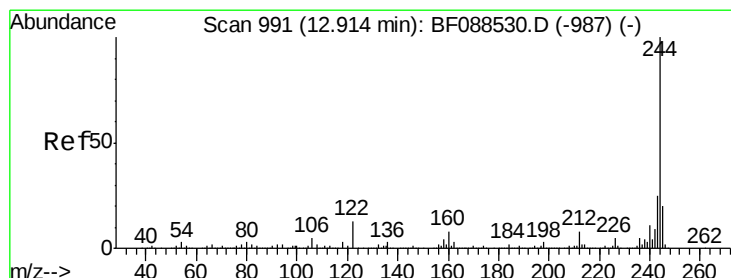
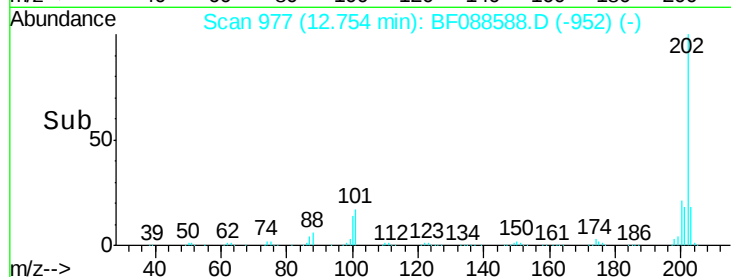
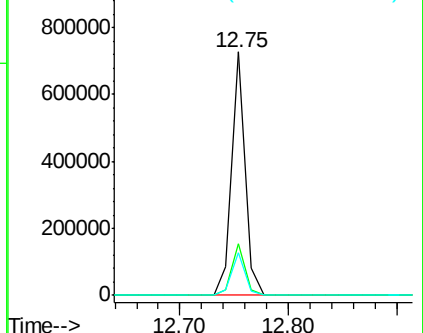
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.2	17.4	26.2
203	17.7	14.5	21.7

Manual Integrations
 APPROVED

sohil
 7/5/2016 7:31:17 PM



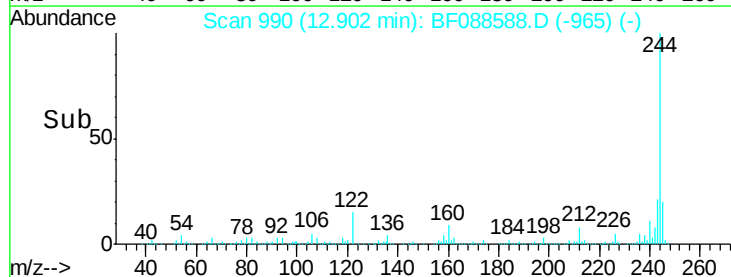
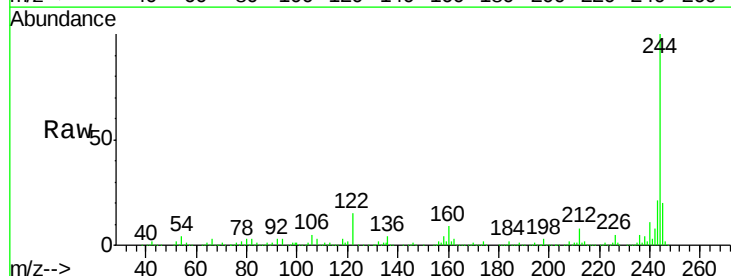
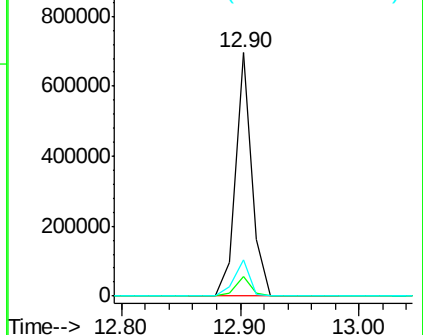
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

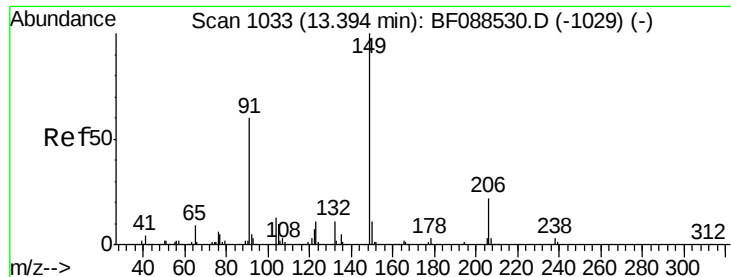


#78
Terphenyl-d14
 Concen: 67.97 ng
 RT: 12.90 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF088588.D
 Acq: 1 Jul 2016 22:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.0	6.0	9.0
122	15.1	11.2	16.8

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





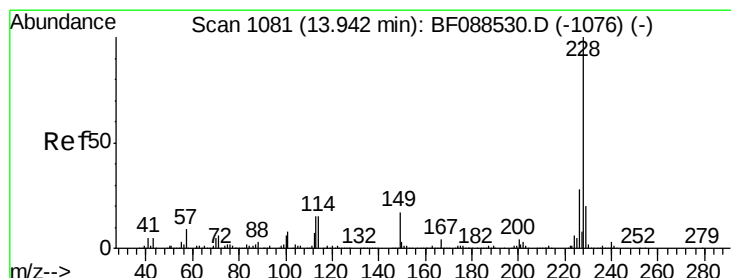
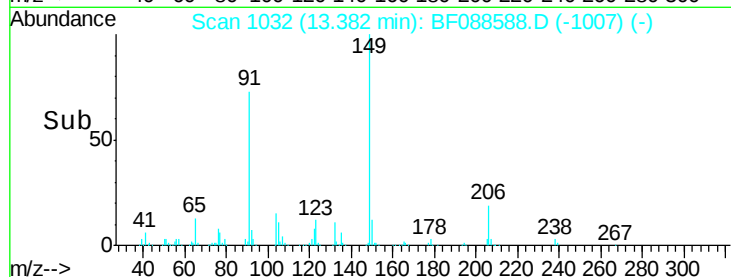
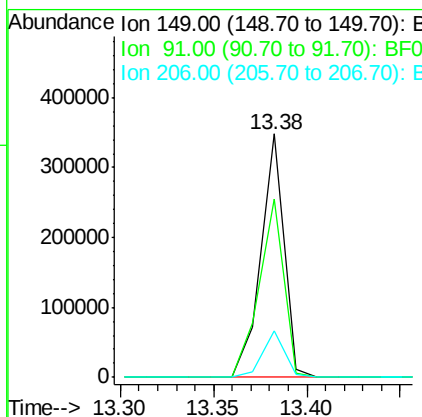
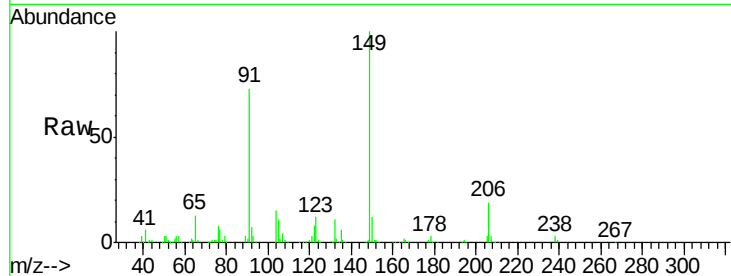
#79
Butylbenzylphthalate
Concen: 36.46 ng
RT: 13.38 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF088588.D
Acq: 1 Jul 2016 22:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	296320		
91	73.1	48.0	72.0#	
206	19.2	16.0	24.0	

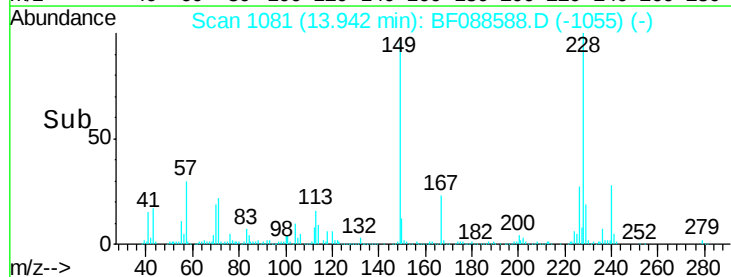
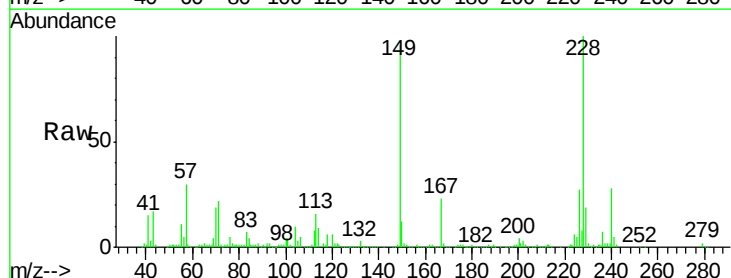
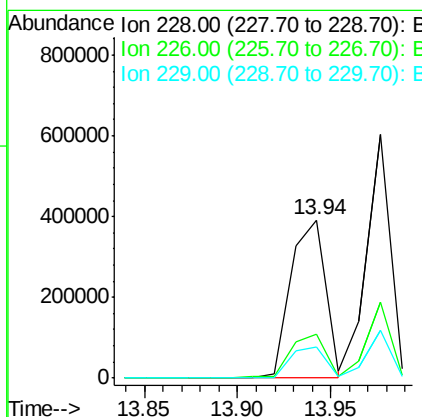
Manual Integrations
APPROVED

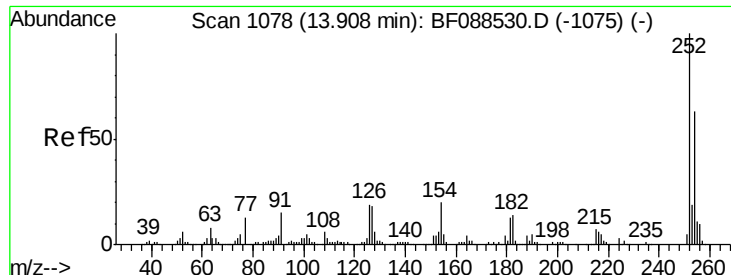
sohil
7/5/2016 7:31:17 PM



#80
Benzo(a)anthracene
Concen: 37.07 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BF088588.D
Acq: 1 Jul 2016 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	512970		
226	27.4	22.3	33.5	
229	19.3	16.0	24.0	





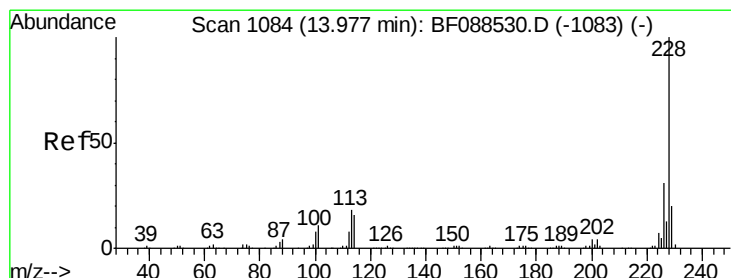
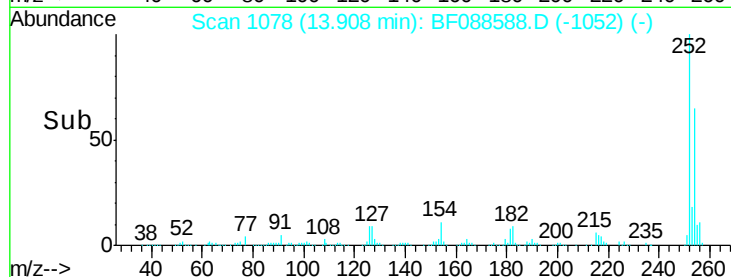
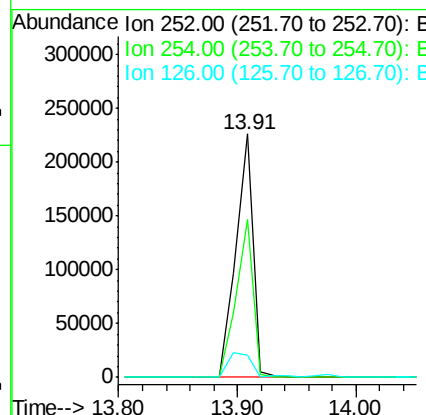
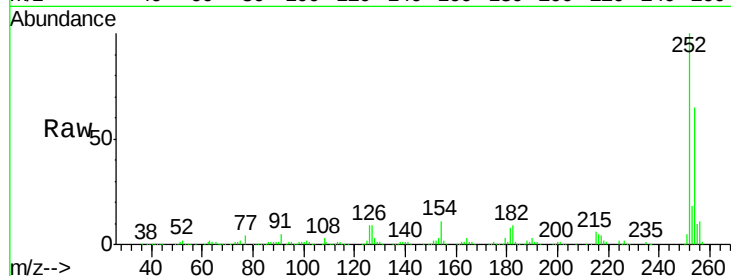
#81
 3,3'-Dichlorobenzidine
 Concen: 43.55 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: BF088588.D
 Acq: 1 Jul 2016 22:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	226548		
254	64.6	52.6	78.8	
126	8.9	6.2	9.2	

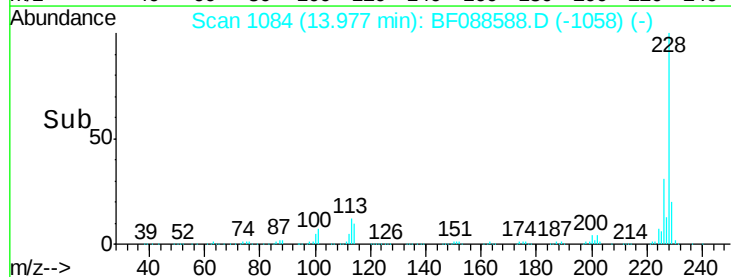
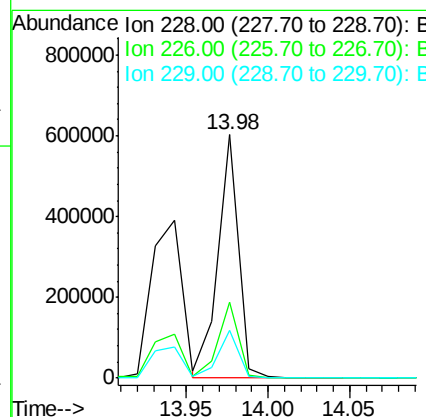
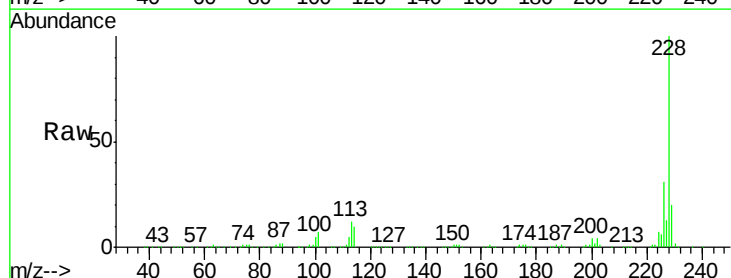
Manual Integrations
 APPROVED

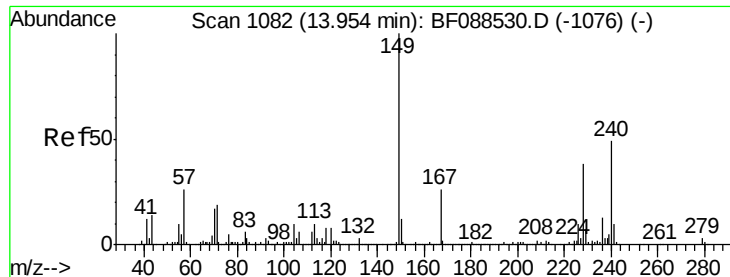
sohil
 7/5/2016 7:31:17 PM



#82
 Chrysene
 Concen: 38.51 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF088588.D
 Acq: 1 Jul 2016 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	527209		
226	31.2	25.4	38.2	
229	19.8	16.3	24.5	





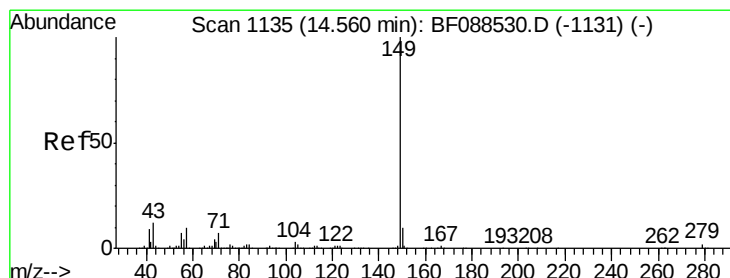
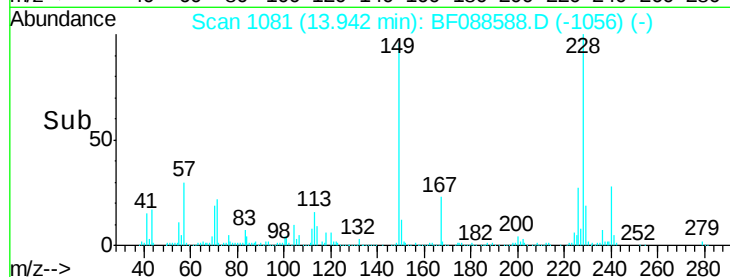
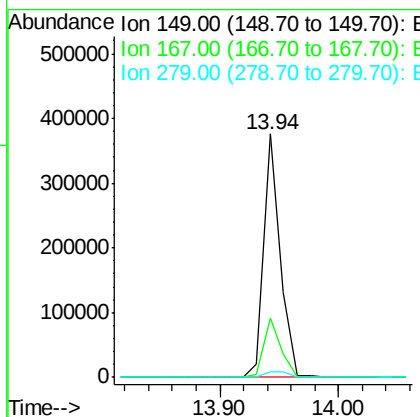
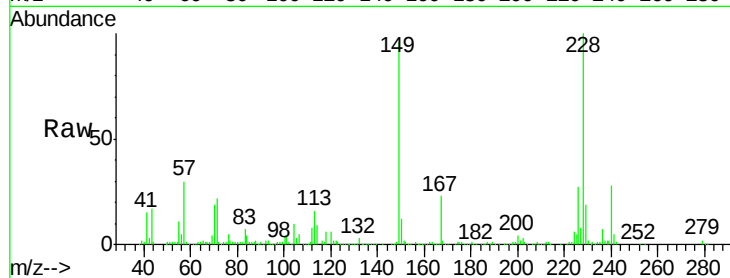
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.42 ng
 RT: 13.94 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BF088588.D
 Acq: 1 Jul 2016 22:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	365730		
167	24.5	20.5	30.7	
279	2.2	2.0	3.0	

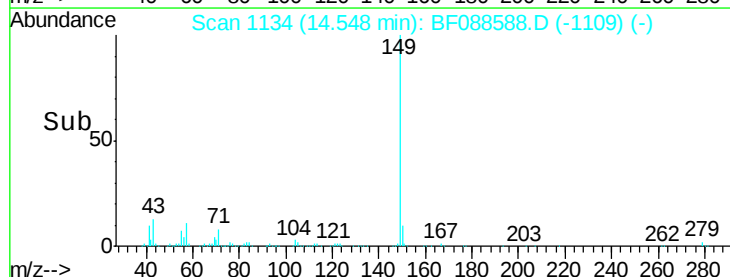
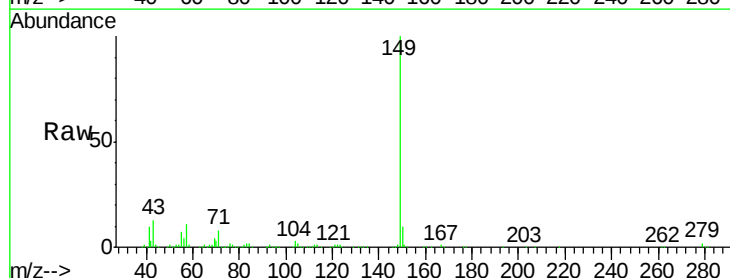
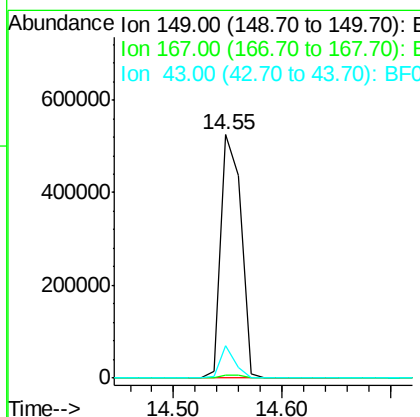
Manual Integrations
 APPROVED

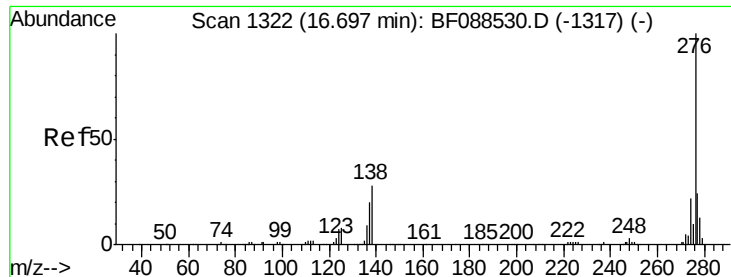
sohil
 7/5/2016 7:31:17 PM



#84
 Di-n-octyl phthalate
 Concen: 43.07 ng
 RT: 14.55 min Scan# 1134
 Delta R.T. -0.01 min
 Lab File: BF088588.D
 Acq: 1 Jul 2016 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	678834		
167	1.5	0.0	0.0#	
43	9.9	0.0	0.0#	





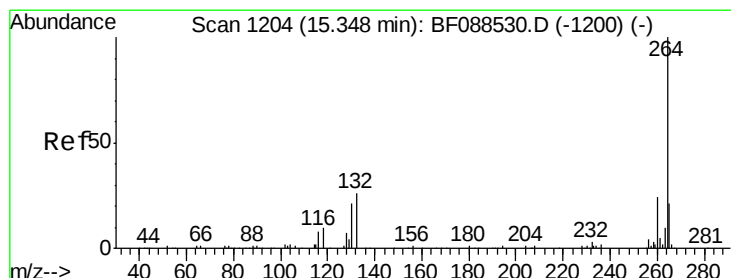
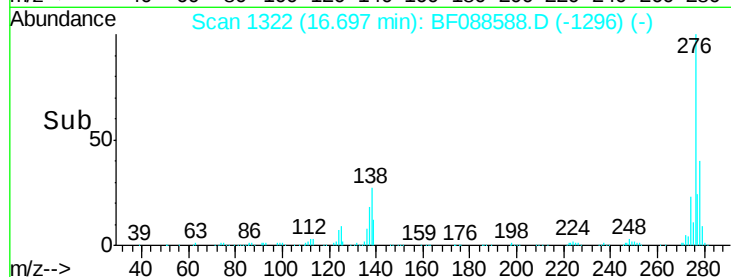
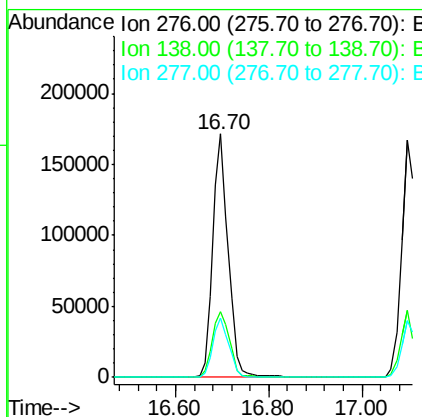
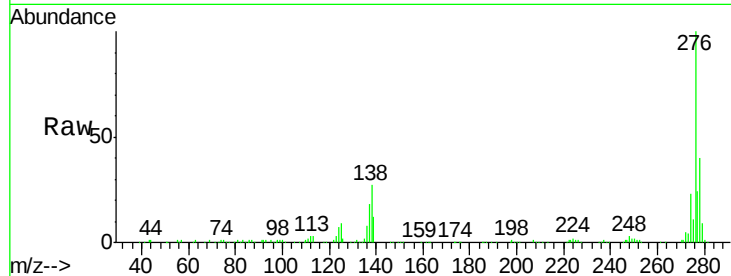
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.74 ng
 RT: 16.70 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF088588.D
 Acq: 1 Jul 2016 22:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	30.4	0.0	0.0#
277	25.4	0.0	0.0#

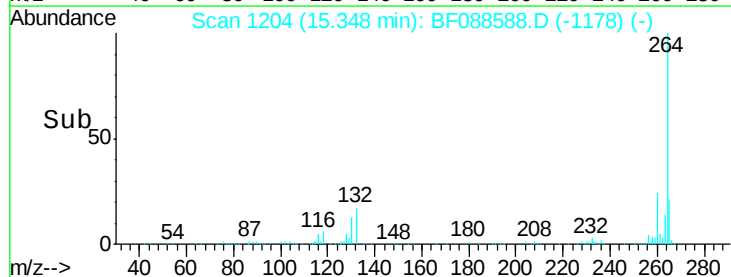
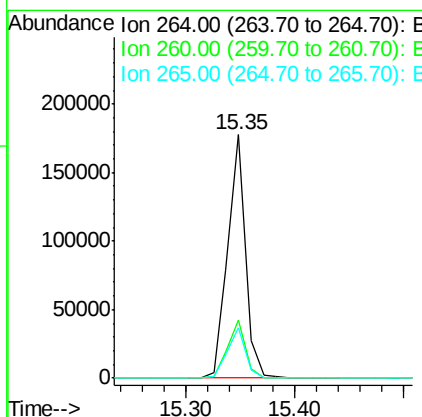
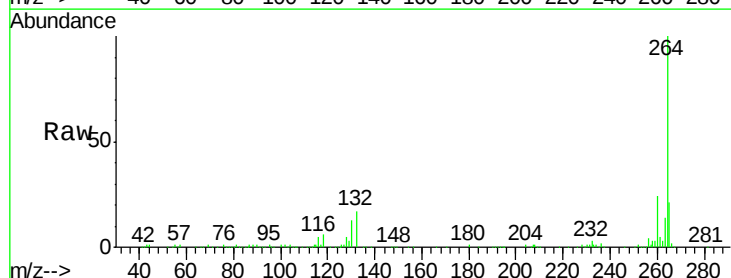
Manual Integrations
 APPROVED

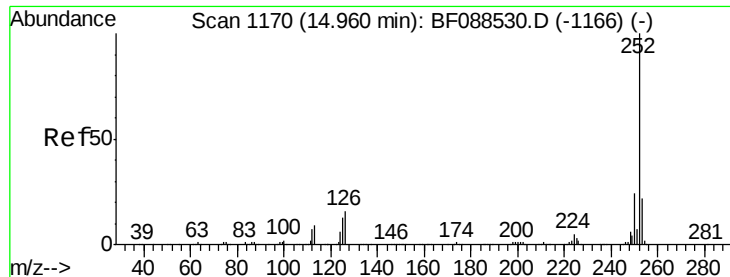
sohil
 7/5/2016 7:31:17 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF088588.D
 Acq: 1 Jul 2016 22:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.7	19.2	28.8
265	20.9	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 45.85 ng m

RT: 14.95 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF088588.D

Acq: 1 Jul 2016 22:11

Instrument :

BNA_F

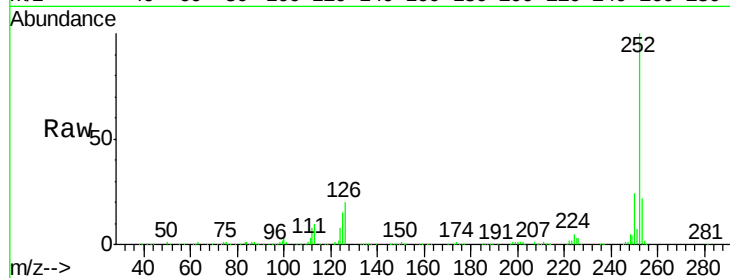
ClientSampleId :

SSTDCCC040

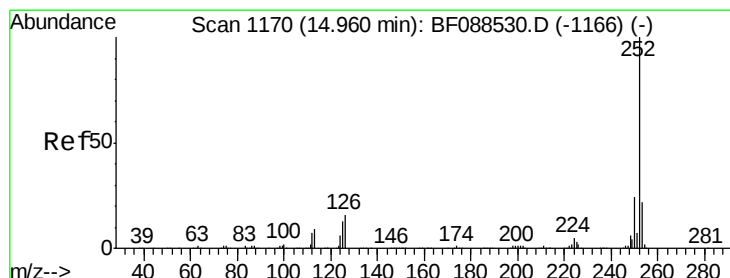
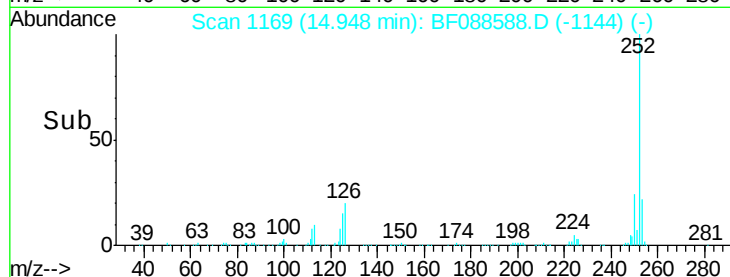
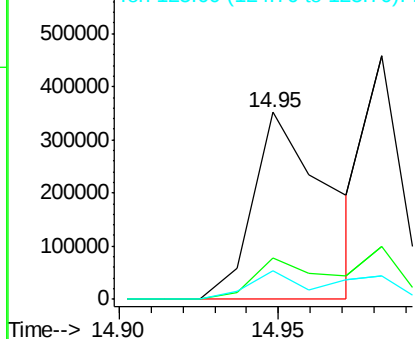
Tgt Ion:	252	Resp:	577122
Ion Ratio		Lower	Upper
252	100		
253	22.3	17.4	26.2
125	15.1	7.1	10.7#

Manual Integrations
APPROVED

sohil
7/5/2016 7:31:17 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



#88

Benzo(k)fluoranthene

Concen: 31.32 ng m

RT: 14.98 min Scan# 1172

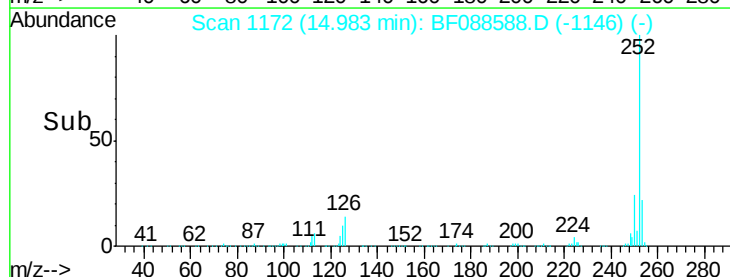
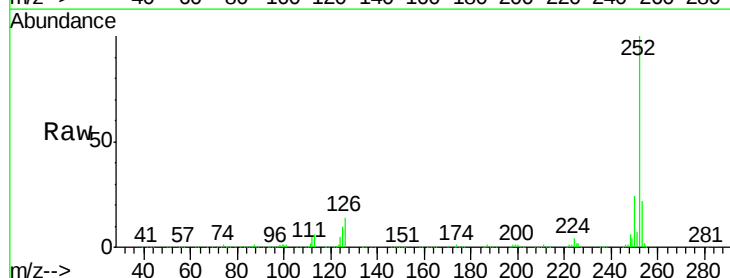
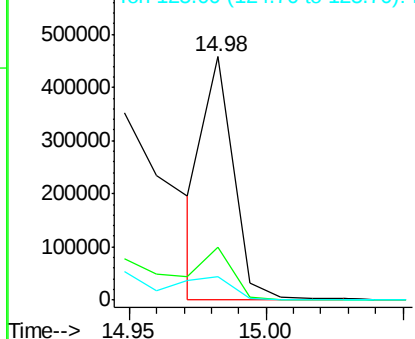
Delta R.T. -0.00 min

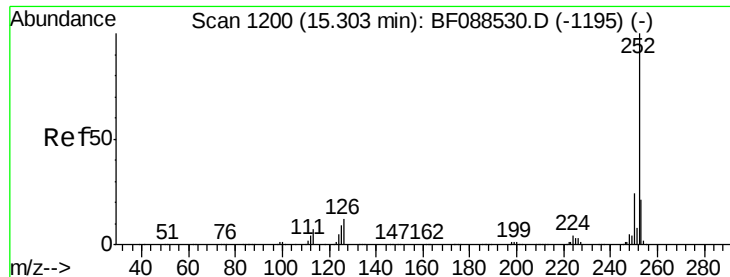
Lab File: BF088588.D

Acq: 1 Jul 2016 22:11

Tgt Ion:	252	Resp:	343137
Ion Ratio		Lower	Upper
252	100		
253	21.9	18.0	27.0
125	9.7	11.2	16.8#

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





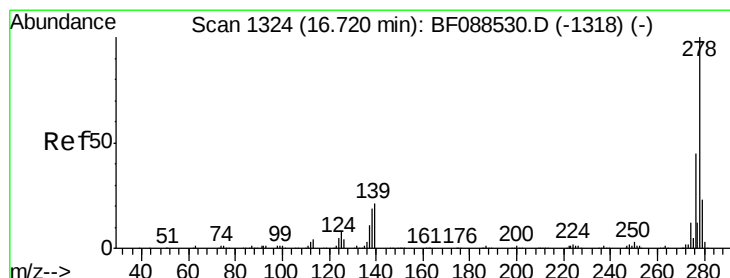
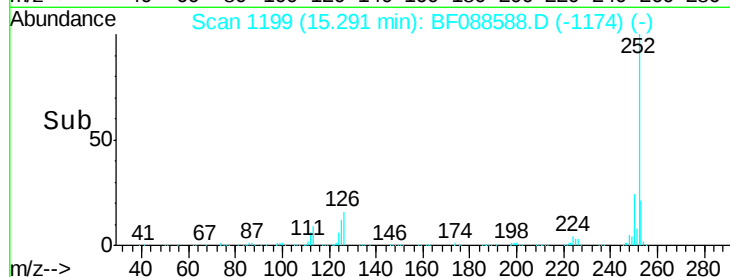
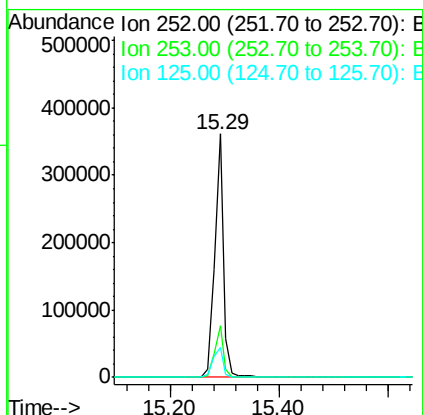
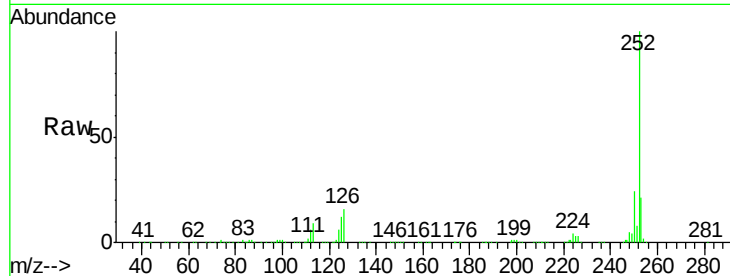
#89
Benzo(a)pyrene
Concen: 39.48 ng
RT: 15.29 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF088588.D
Acq: 1 Jul 2016 22:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.9	26.9
125	12.1	12.5	18.7#

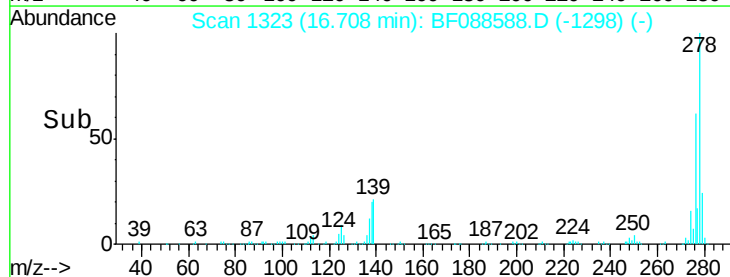
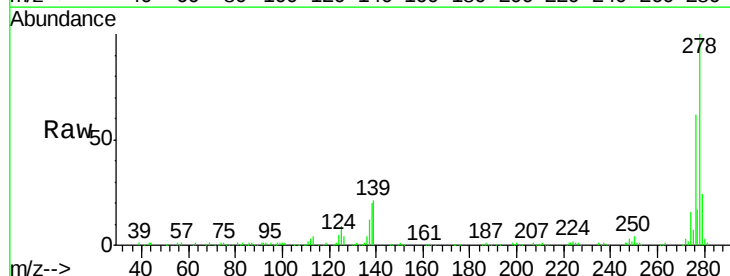
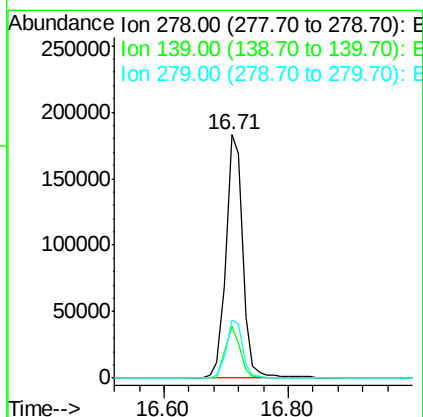
Manual Integrations
APPROVED

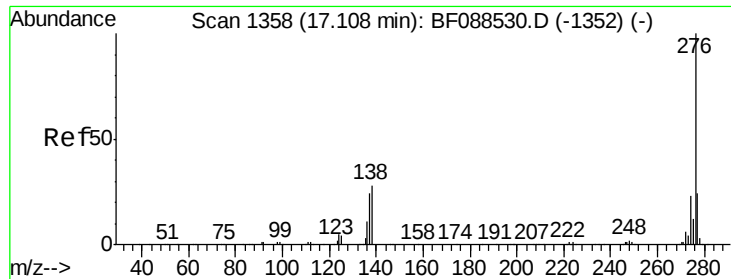
sohil
7/5/2016 7:31:17 PM



#90
Dibenzo(a,h)anthracene
Concen: 39.11 ng
RT: 16.71 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF088588.D
Acq: 1 Jul 2016 22:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.2	15.7	23.5
279	24.0	19.4	29.2





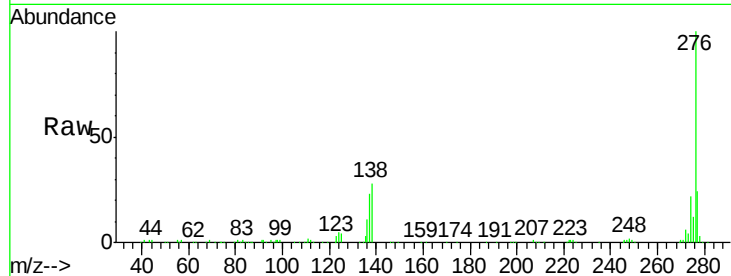
#91
 Benzo(g,h,i)perylene
 Concen: 36.60 ng
 RT: 17.10 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: BF088588.D
 Acq: 1 Jul 2016 22:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	276	Resp:	337054
Ion Ratio	Lower	Upper	
276	100		
277	23.8	18.9	28.3
138	28.3	21.4	32.2

Manual Integrations
 APPROVED

sohil
 7/5/2016 7:31:17 PM



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

