

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
 Data File : BF085446.D
 Acq On : 15 Mar 2016 00:41
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 3/15/2016 2:09:31 PM

Quant Time: Mar 15 04:05:14 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	245742	20.00	ng	-0.06
21) Naphthalene-d8	8.22	136	979859	20.00	ng	-0.05
38) Acenaphthene-d10	9.97	164	430829	20.00	ng	-0.06
63) Phenanthrene-d10	11.45	188	767445	20.00	ng	-0.06
75) Chrysene-d12	14.09	240	448310	20.00	ng	-0.06
86) Perylene-d12	15.55	264	409346	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1195881	81.63	ng	-0.06
7) Phenol-d6	6.56	99	1459028	76.01	ng	-0.05
23) Nitrobenzene-d5	7.50	82	1290173	70.46	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	352254	95.55	ng	-0.05
44) 2-Fluorobiphenyl	9.29	172	1892260	66.80	ng	-0.06
78) Terphenyl-d14	13.04	244	1727840	89.47	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	283487	37.84	ng	97
3) Pyridine	3.33	79	764569	40.77	ng	100
4) n-Nitrosodimethylamine	3.29	42	305026	38.01	ng	100
6) Aniline	6.60	93	1034176	38.44	ng	95
8) 2-Chlorophenol	6.71	128	639789	36.27	ng	97
9) Benzaldehyde	6.47	77	362809	40.25	ng	99
10) Phenol	6.57	94	760247	36.98	ng	88
11) bis(2-Chloroethyl)ether	6.66	93	619222	36.27	ng	98
12) 1,3-Dichlorobenzene	6.87	146	751481	39.69	ng	98
13) 1,4-Dichlorobenzene	6.94	146	714441	37.65	ng	99
14) 1,2-Dichlorobenzene	7.10	146	633183	36.77	ng	98
15) Benzyl Alcohol	7.08	79	543034	38.54	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.20	45	857635	34.85	ng	96
17) 2-Methylphenol	7.19	107	585067	40.65	ng	97
18) Hexachloroethane	7.44	117	269419	38.48	ng	97
19) n-Nitroso-di-n-propylamine	7.35	70	414688	33.15	ng	# 92
20) 3+4-Methylphenols	7.34	107	554633	32.54	ng	# 84
22) Acetophenone	7.34	105	880365	36.81	ng	# 92
24) Nitrobenzene	7.52	77	759496	40.83	ng	# 80
25) Isophorone	7.76	82	1354709	39.92	ng	95
26) 2-Nitrophenol	7.83	139	383704	42.39	ng	# 78
27) 2,4-Dimethylphenol	7.86	122	636254	38.46	ng	94
28) bis(2-Chloroethoxy)methane	7.97	93	825064	43.66	ng	97
29) 2,4-Dichlorophenol	8.07	162	502196	37.64	ng	89
30) 1,2,4-Trichlorobenzene	8.15	180	587470	40.73	ng	99
31) Naphthalene	8.24	128	1912291	39.69	ng	99
32) Benzoic acid	8.01	122	455331	41.44	ng	99
33) 4-Chloroaniline	8.29	127	804408	41.28	ng	95
34) Hexachlorobutadiene	8.36	225	320636	42.72	ng	99
35) Caprolactam	8.68	113	188480	43.26	ng	97
36) 4-Chloro-3-methylphenol	8.77	107	530139	35.03	ng	100
37) 2-Methylnaphthalene	8.93	142	1086586	35.14	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	566677	45.99	ng	# 97
40) Hexachlorocyclopentadiene	9.08	237	173155	26.06	ng	98

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
 Data File : BF085446.D
 Acq On : 15 Mar 2016 00:41
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 3/15/2016 2:09:31 PM

Quant Time: Mar 15 04:05:14 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	364387	39.73	ng	96
43) 2,4,5-Trichlorophenol	9.25	196	375000	43.12	ng	98
45) 1,1'-Biphenyl	9.40	154	1467663	39.87	ng	96
46) 2-Chloronaphthalene	9.42	162	1051201	37.47	ng	94
47) 2-Nitroaniline	9.51	65	314767	36.20	ng	91
48) Acenaphthylene	9.83	152	1617086	37.03	ng	99
49) Dimethylphthalate	9.69	163	1343750	40.64	ng	98
50) 2,6-Dinitrotoluene	9.76	165	338006	47.78	ng	# 85
51) Acenaphthene	10.00	154	1072412	40.45	ng	99
52) 3-Nitroaniline	9.93	138	373601	44.14	ng	84
53) 2,4-Dinitrophenol	10.02	184	111713	36.02	ng	# 71
54) Dibenzofuran	10.17	168	1269064	36.53	ng	98
55) 4-Nitrophenol	10.08	139	230843	34.71	ng	# 72
56) 2,4-Dinitrotoluene	10.16	165	391230	43.21	ng	97
57) Fluorene	10.52	166	1008901	36.98	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.30	232	266690	43.65	ng	93
59) Diethylphthalate	10.39	149	1183967	36.90	ng	96
60) 4-Chlorophenyl-phenylether	10.50	204	528081	39.78	ng	88
61) 4-Nitroaniline	10.54	138	336440	42.50	ng	97
62) Azobenzene	10.66	77	1238776	39.18	ng	96
64) 4,6-Dinitro-2-methylphenol	10.57	198	195152	42.47	ng	98
65) n-Nitrosodiphenylamine	10.63	169	930694	38.99	ng	100
66) 4-Bromophenyl-phenylether	11.00	248	307139	41.22	ng	# 88
67) Hexachlorobenzene	11.06	284	313575	39.44	ng	# 82
68) Atrazine	11.16	200	277808	41.85	ng	98
69) Pentachlorophenol	11.26	266	200365	45.41	ng	99
70) Phenanthrene	11.48	178	1547658	38.48	ng	99
71) Anthracene	11.53	178	1571408	36.80	ng	99
72) Carbazole	11.68	167	1274494	34.04	ng	99
73) Di-n-butylphthalate	12.01	149	1791779	37.86	ng	99
74) Fluoranthene	12.66	202	1296572	32.12	ng	97
76) Benzidine	12.79	184	469647	35.20	ng	99
77) Pyrene	12.89	202	1237076	36.66	ng	100
79) Butylbenzylphthalate	13.51	149	677223	44.23	ng	# 85
80) Benzo(a)anthracene	14.08	228	979110	36.48	ng	99
81) 3,3'-Dichlorobenzidine	14.05	252	365165	43.13	ng	# 95
82) Chrysene	14.12	228	769088	31.02	ng	100
83) Bis(2-ethylhexyl)phthalate	14.07	149	863283	42.85	ng	# 96
84) Di-n-octyl phthalate	14.68	149	1201821	39.17	ng	99
85) Indeno(1,2,3-cd)pyrene	17.01	276	1104792	57.10	ng	97
87) Benzo(b)fluoranthene	15.12	252	881409	32.30	ng	98
88) Benzo(k)fluoranthene	15.16	252	934683m	42.47	ng	
89) Benzo(a)pyrene	15.49	252	888822	39.31	ng	# 97
90) Dibenzo(a,h)anthracene	17.02	278	933047	48.34	ng	98
91) Benzo(g,h,i)perylene	17.44	276	899364	46.34	ng	99

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

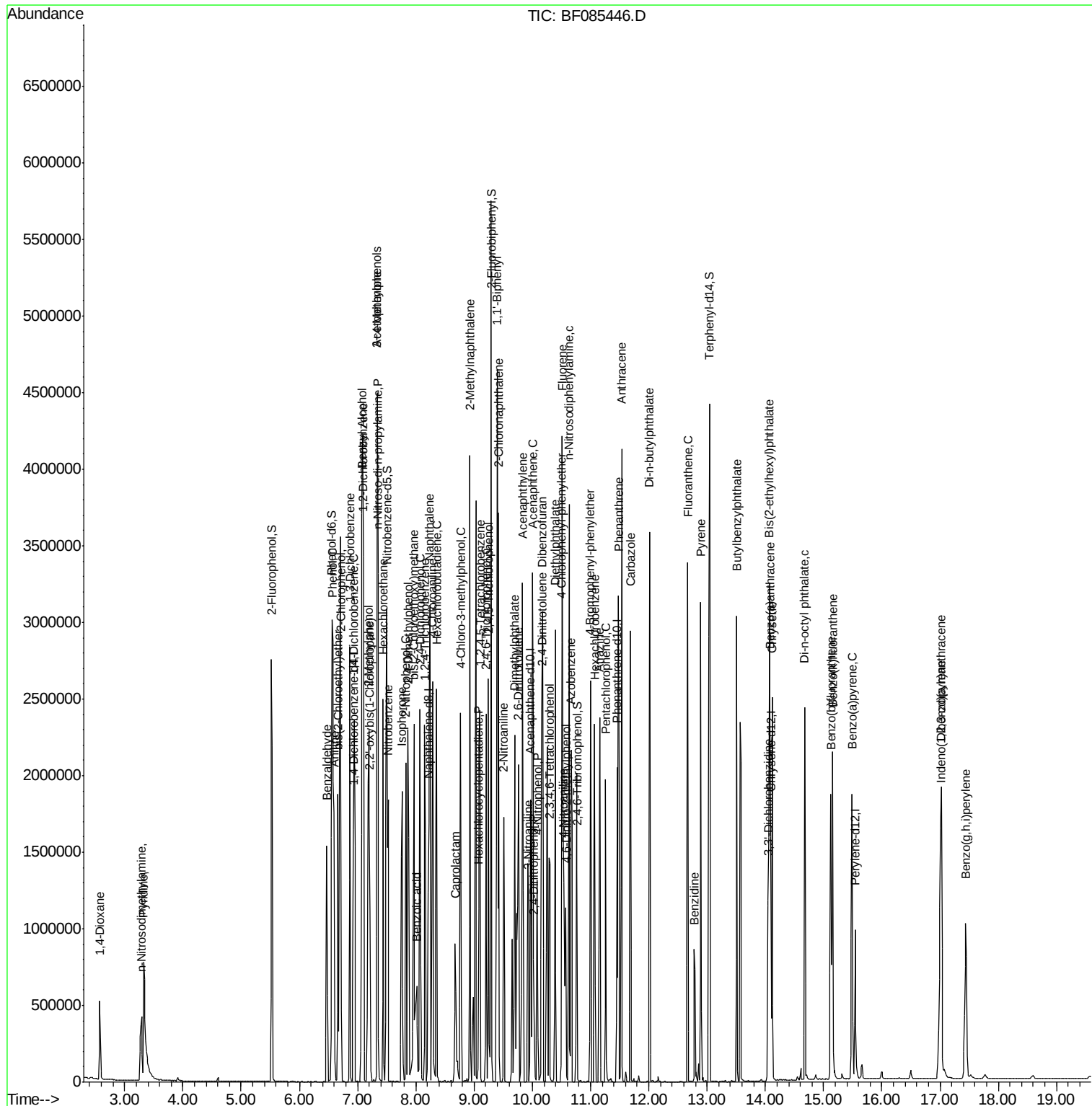
```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\  
Data File : BF085446.D  
Acq On    : 15 Mar 2016   00:41  
Operator  : UM/SJ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
```

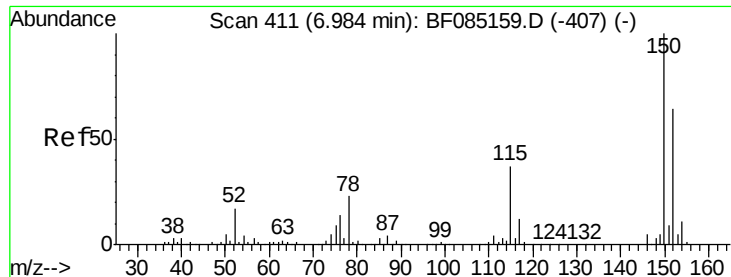
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Sohil
3/15/2016 2:09:31 PM

Quant Time: Mar 15 04:05:14 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration





#1

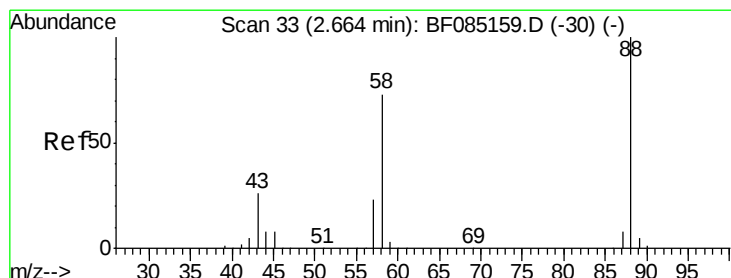
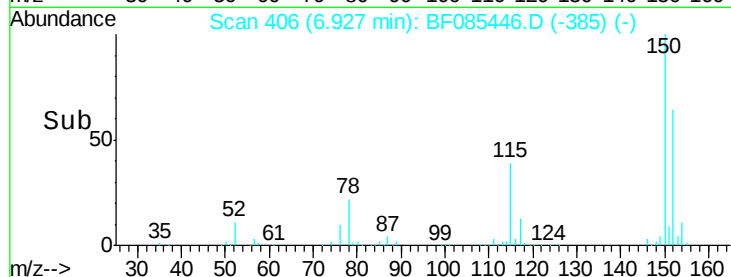
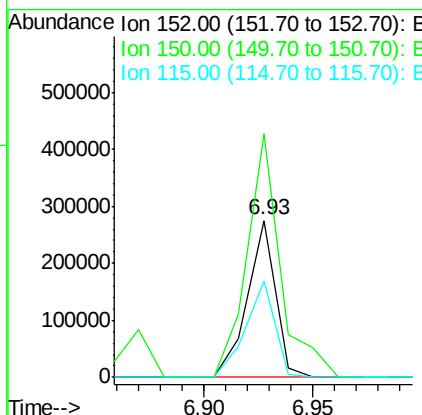
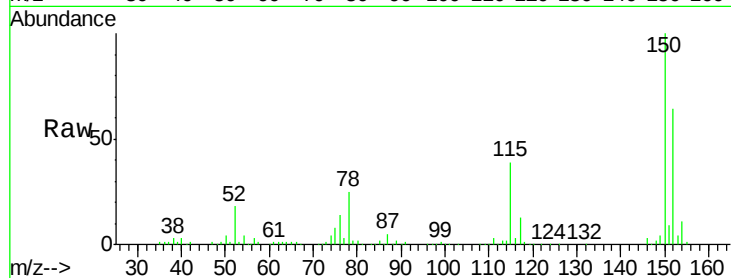
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 406
Delta R.T. -0.06 min
Lab File: BF085446.D
Acq: 15 Mar 2016 00:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt	Ion	Ratio	Lower	Upper
152	100			
150	155.3	124.6	186.8	
115	61.1	46.6	70.0	

Manual Integrations
APPROVED

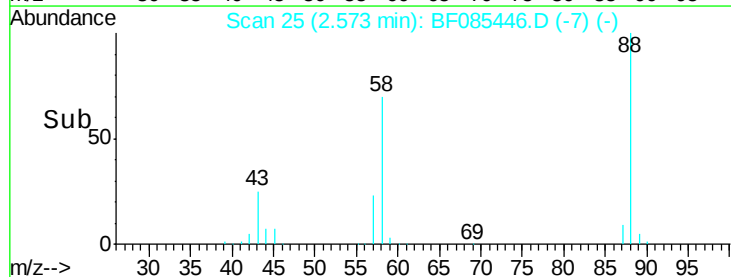
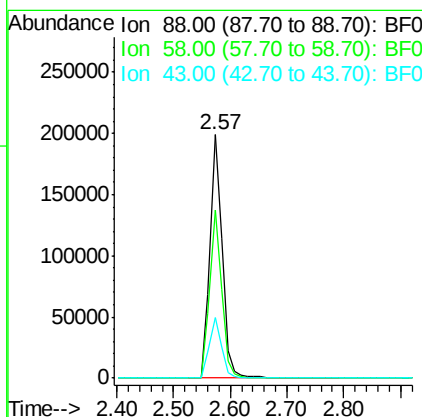
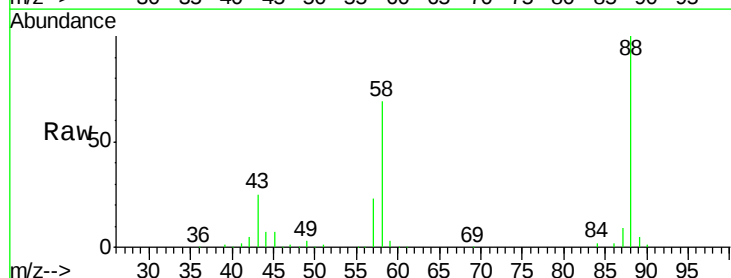
Sohil
3/15/2016 2:09:31 PM

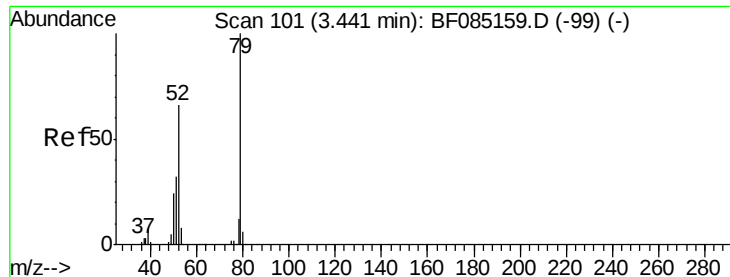


#2

1,4-Dioxane
Concen: 37.84 ng
RT: 2.57 min Scan# 25
Delta R.T. -0.09 min
Lab File: BF085446.D
Acq: 15 Mar 2016 00:41

Tgt	Ion	Ratio	Lower	Upper
88	100			
58	68.4	57.0	85.6	
43	25.7	20.5	30.7	





#3

Pyridine

Concen: 40.77 ng

RT: 3.33 min Scan# 91

Delta R.T. -0.11 min

Lab File: BF085446.D

Acq: 15 Mar 2016 00:41

Instrument :

BNA_F

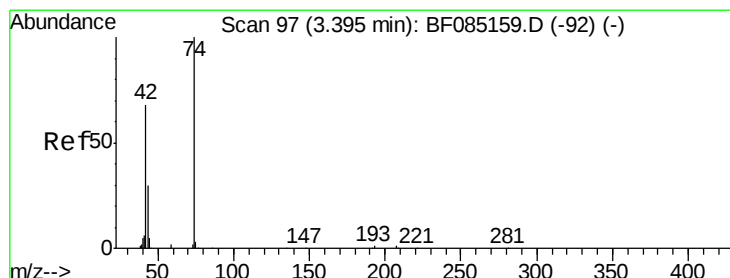
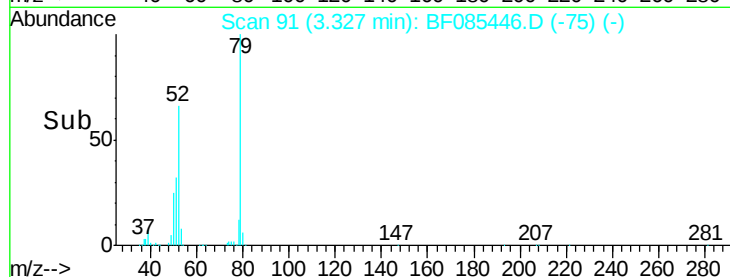
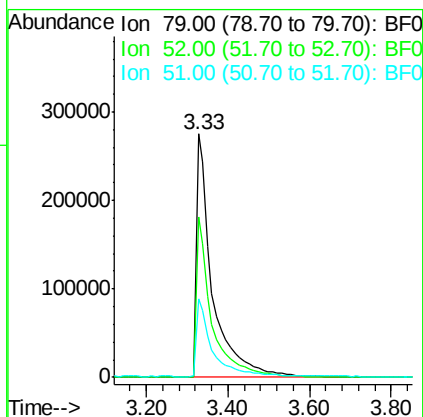
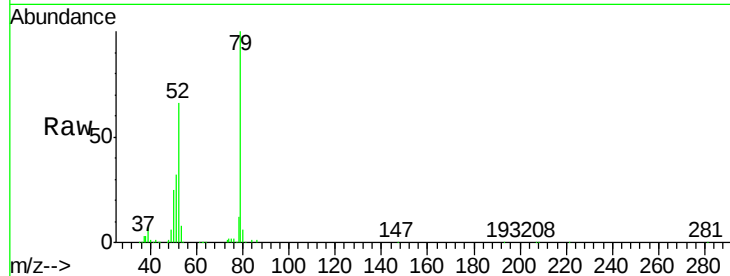
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	764569
Ion Ratio	Lower	Upper	
79	100		
52	65.7	52.6	79.0
51	32.1	25.8	38.8

Manual Integrations
APPROVED

Sohil
3/15/2016 2:09:31 PM



#4

n-Nitrosodimethylamine

Concen: 38.01 ng

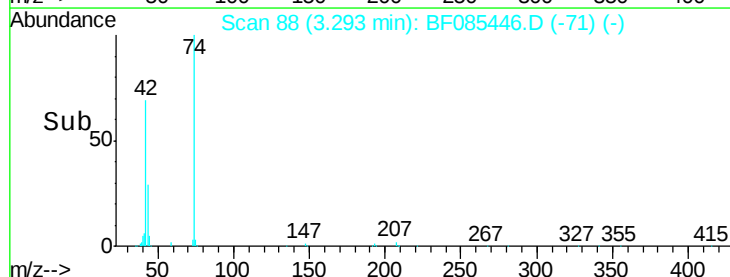
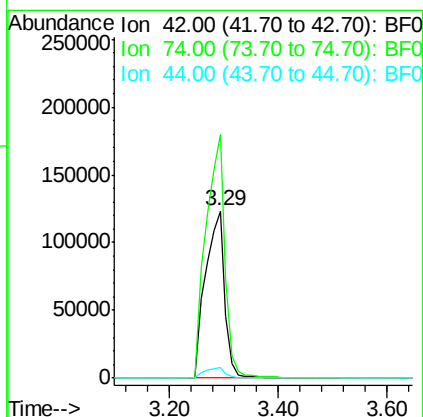
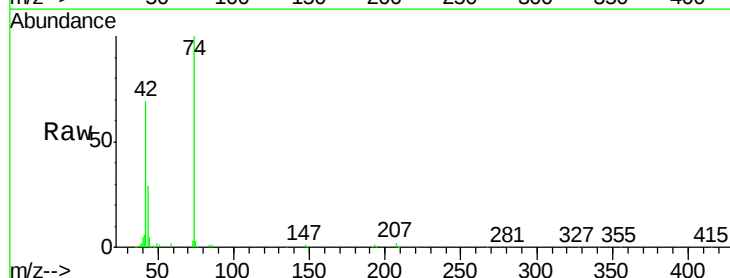
RT: 3.29 min Scan# 88

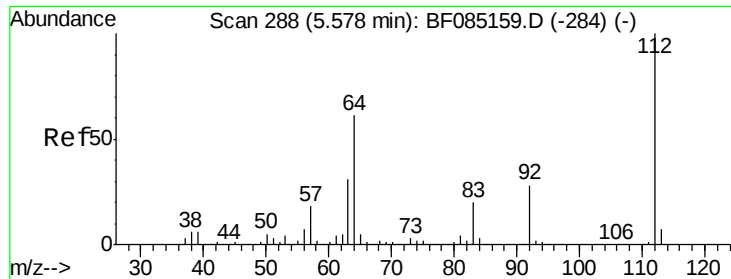
Delta R.T. -0.10 min

Lab File: BF085446.D

Acq: 15 Mar 2016 00:41

Tgt Ion:	42	Resp:	305026
Ion Ratio	Lower	Upper	
42	100		
74	145.6	116.8	175.2
44	6.6	5.5	8.3





#5

2-Fluorophenol

Concen: 81.63 ng

RT: 5.52 min Scan# 283

Delta R.T. -0.06 min

Lab File: BF085446.D

Acq: 15 Mar 2016 00:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 112 Resp: 1195881

Ion Ratio Lower Upper

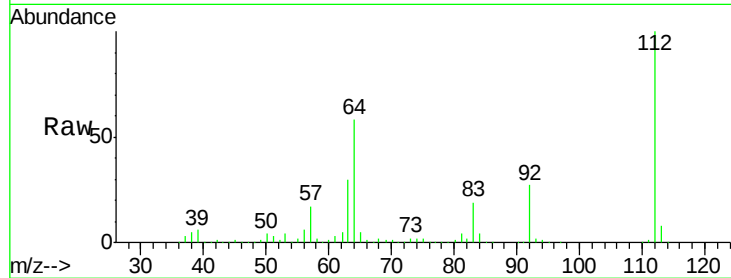
112 100

64 58.1 49.0 73.4

63 29.7 24.8 37.2

Manual Integrations
APPROVED

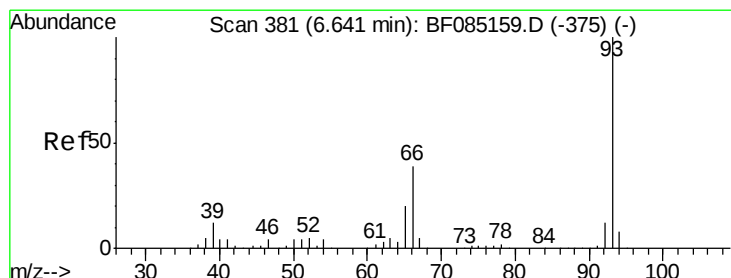
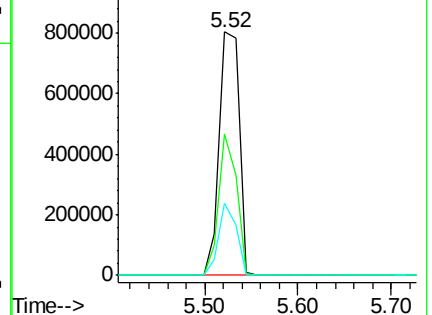
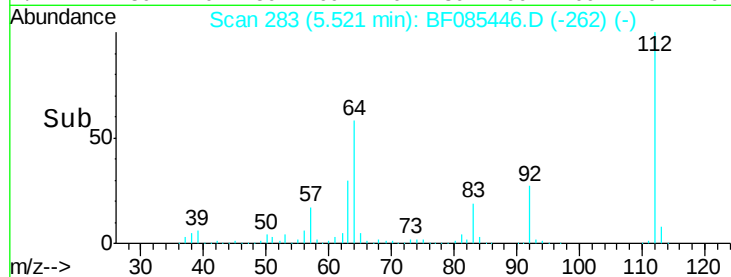
Sohil
3/15/2016 2:09:31 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.44 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF085446.D

Acq: 15 Mar 2016 00:41

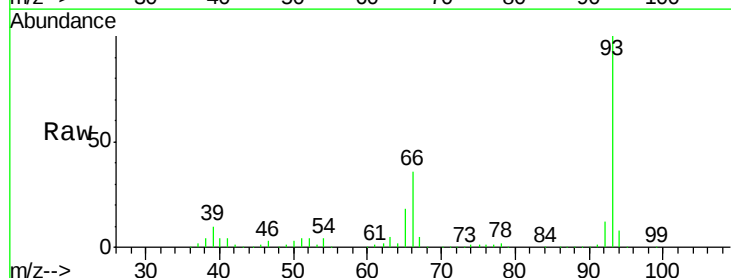
Tgt Ion: 93 Resp: 1034176

Ion Ratio Lower Upper

93 100

66 36.0 31.6 47.4

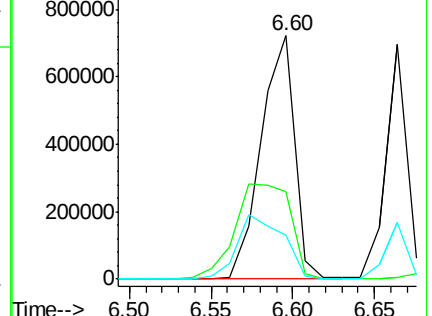
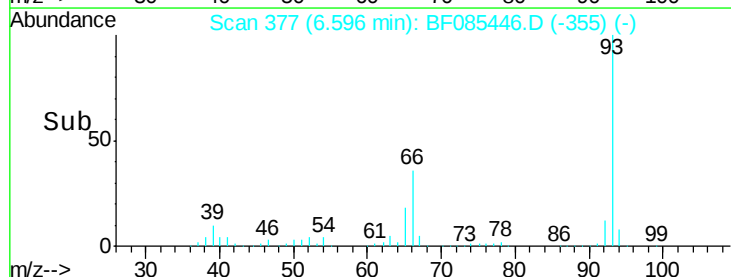
65 18.0 15.8 23.8

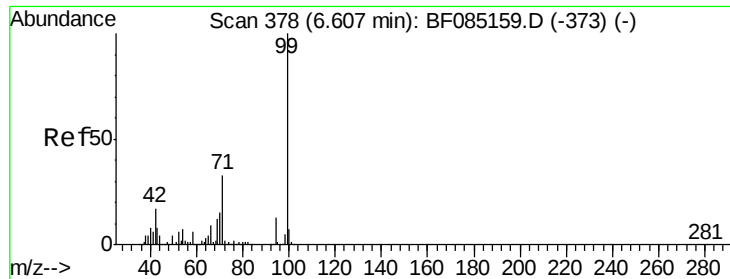


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.01 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.05 min

Lab File: BF085446.D

Acq: 15 Mar 2016 00:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1459028

Ion Ratio Lower Upper

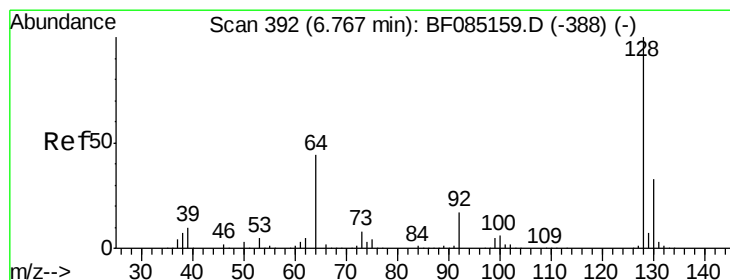
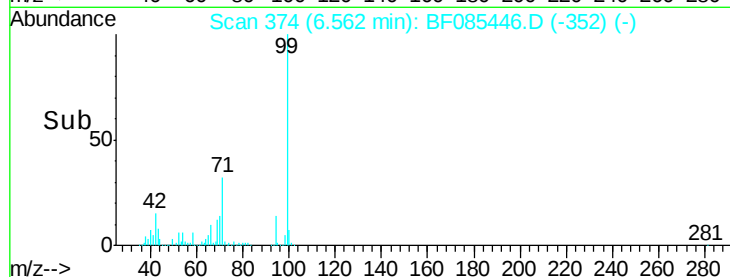
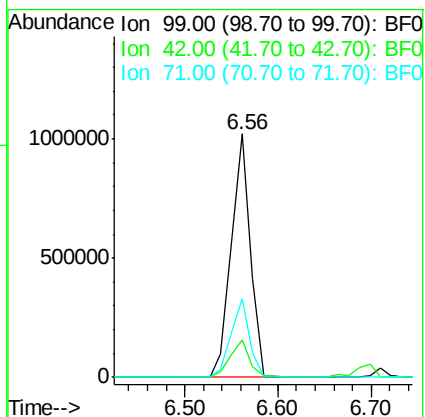
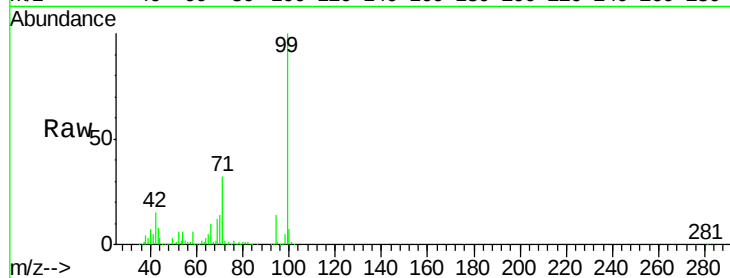
99 100

42 15.2 13.6 20.4

71 32.4 26.7 40.1

Manual Integrations
APPROVED

Sohil
3/15/2016 2:09:31 PM



#8

2-Chlorophenol

Concen: 36.27 ng

RT: 6.71 min Scan# 387

Delta R.T. -0.06 min

Lab File: BF085446.D

Acq: 15 Mar 2016 00:41

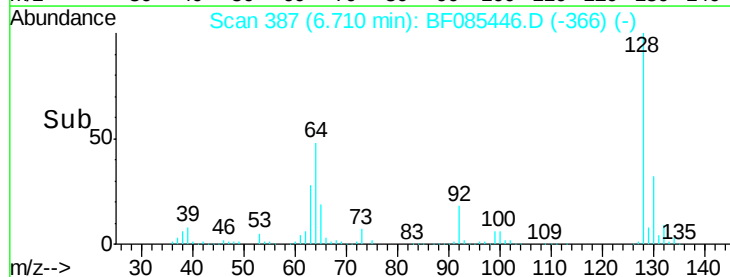
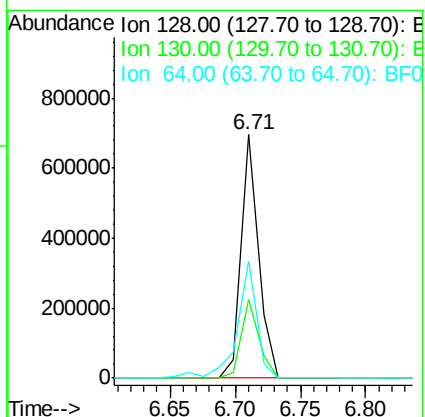
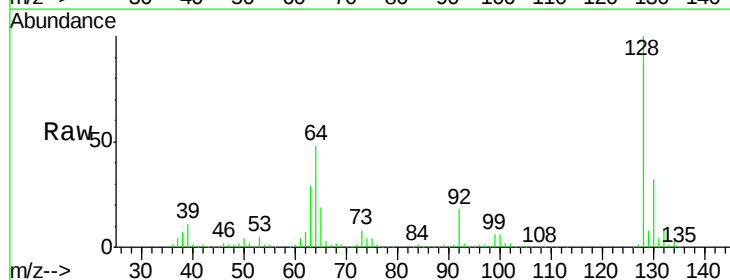
Tgt Ion: 128 Resp: 639789

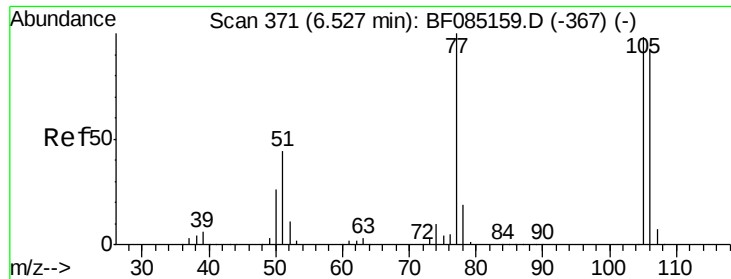
Ion Ratio Lower Upper

128 100

130 32.5 13.3 53.3

64 47.9 25.7 65.7





#9

Benzaldehyde

Concen: 40.25 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.06 min

Lab File: BF085446.D

Acq: 15 Mar 2016 00:41

Instrument :

BNA_F

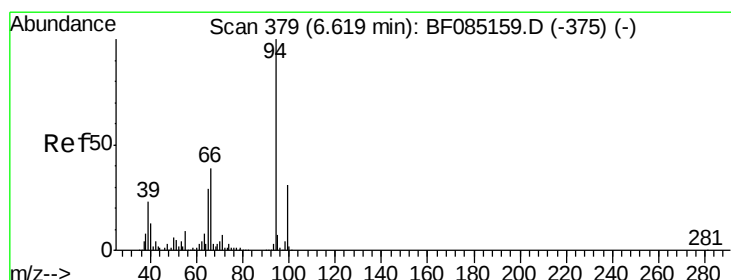
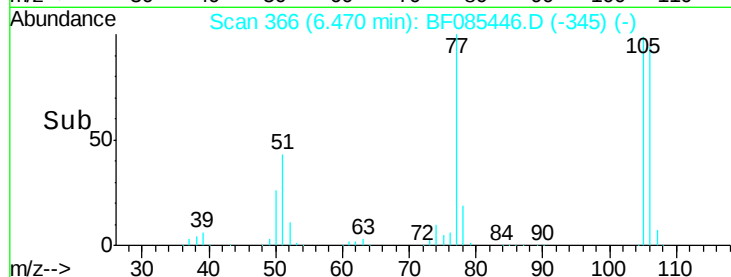
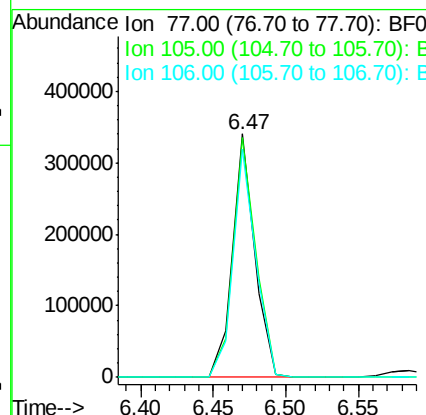
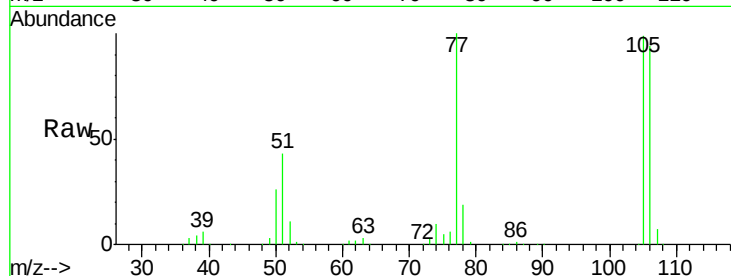
ClientSampleId :

SSTDCCC040

Tgt Ion:	77	Resp:	362809
Ion Ratio	Lower	Upper	
77	100		
105	98.6	78.2	118.2
106	93.6	72.9	112.9

Manual Integrations
APPROVED

Sohil
3/15/2016 2:09:31 PM



#10

Phenol

Concen: 36.98 ng

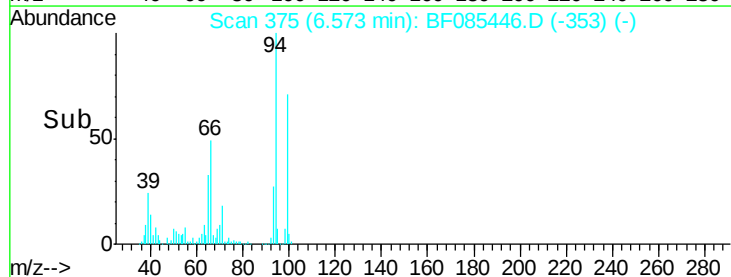
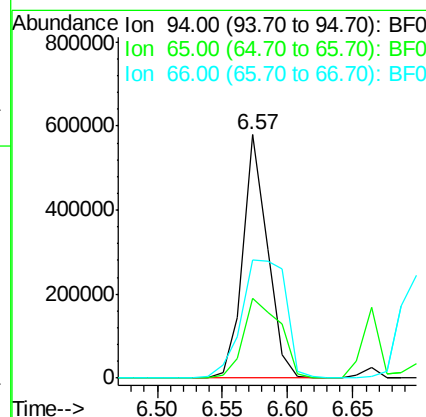
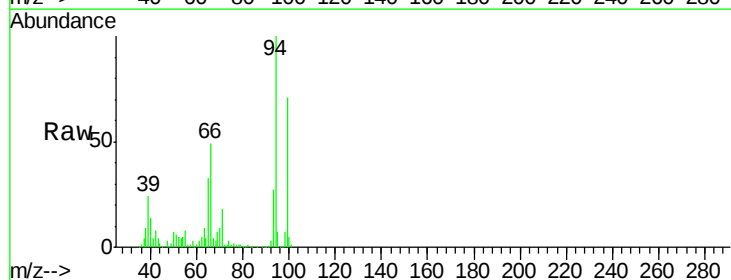
RT: 6.57 min Scan# 375

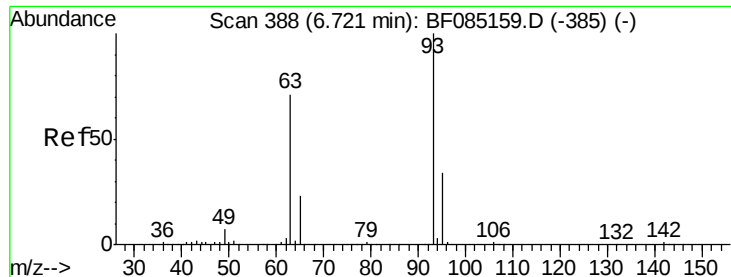
Delta R.T. -0.05 min

Lab File: BF085446.D

Acq: 15 Mar 2016 00:41

Tgt Ion:	94	Resp:	760247
Ion Ratio	Lower	Upper	
94	100		
65	32.9	9.1	49.1
66	48.7	19.3	59.3





#11

bis(2-Chloroethyl)ether

Concen: 36.27 ng

RT: 6.66 min Scan# 383

Delta R.T. -0.06 min

Lab File: BF085446.D

Acq: 15 Mar 2016 00:41

Instrument :

BNA_F

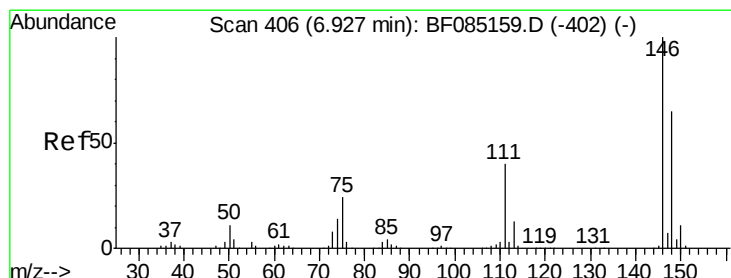
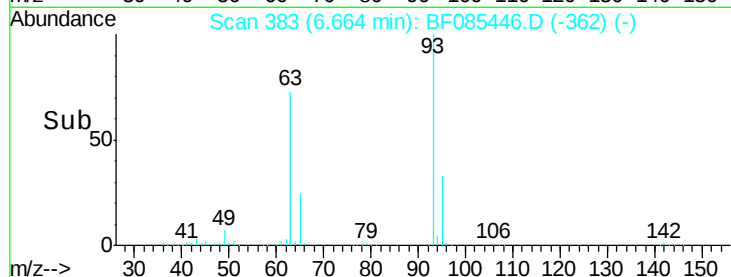
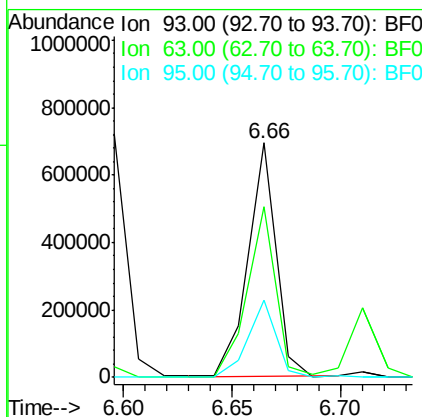
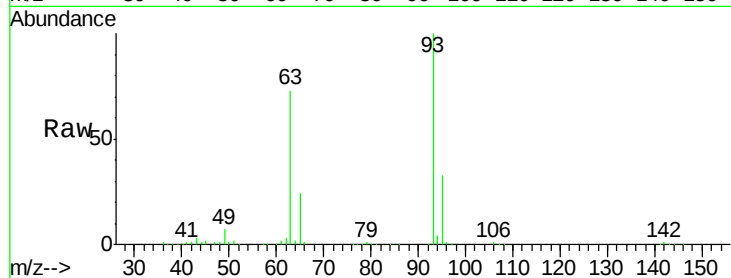
ClientSampleId :

SSTDCCC040

Tgt Ion:	93	Resp:	619222
Ion Ratio	Lower	Upper	
93	100		
63	72.9	50.9	90.9
95	33.1	13.7	53.7

Manual Integrations
APPROVED

Sohil
3/15/2016 2:09:31 PM



#12

1,3-Dichlorobenzene

Concen: 39.69 ng

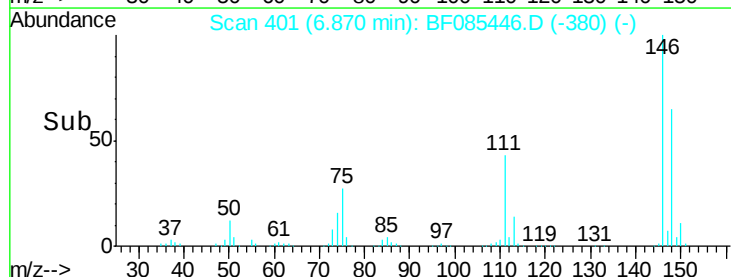
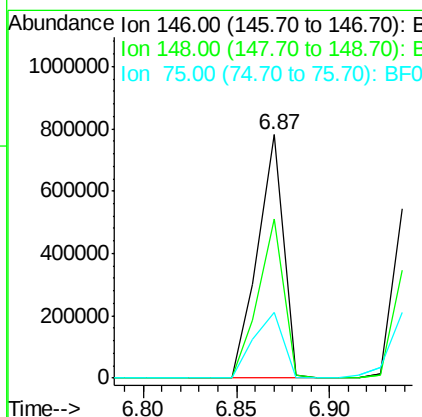
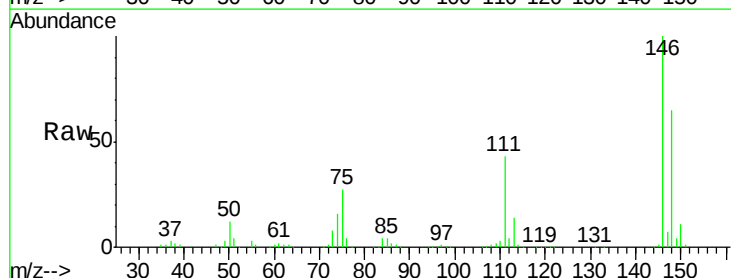
RT: 6.87 min Scan# 401

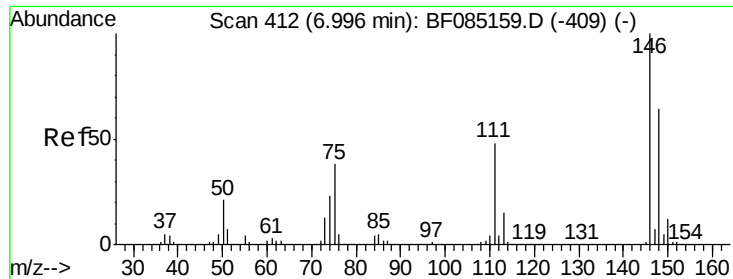
Delta R.T. -0.06 min

Lab File: BF085446.D

Acq: 15 Mar 2016 00:41

Tgt Ion:	146	Resp:	751481
Ion Ratio	Lower	Upper	
146	100		
148	65.4	52.1	78.1
75	27.1	19.5	29.3





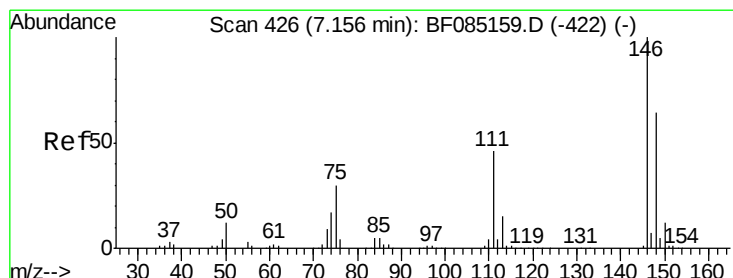
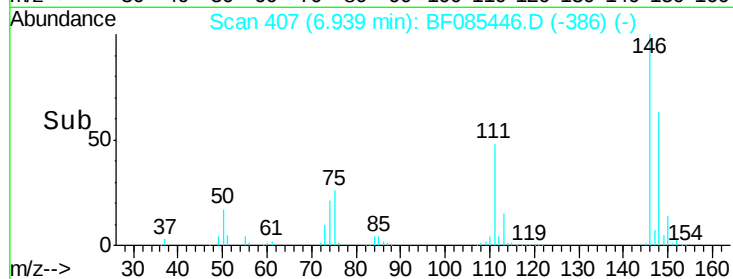
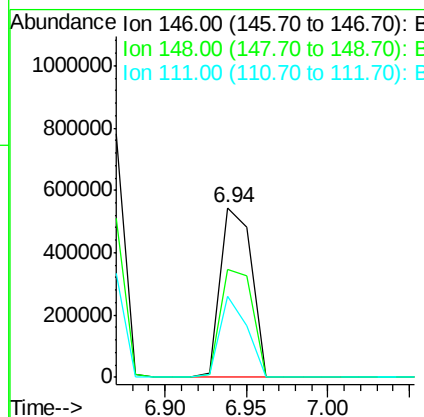
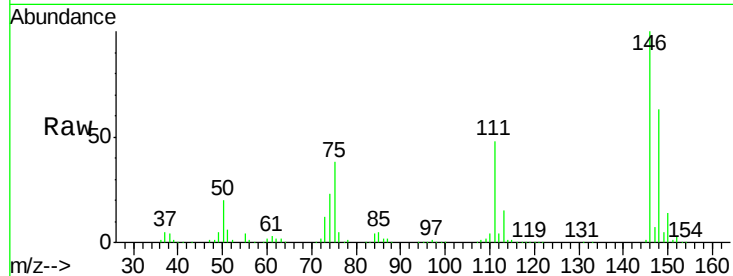
#13
 1,4-Dichlorobenzene
 Concen: 37.65 ng
 RT: 6.94 min Scan# 407
 Delta R.T. -0.06 min
 Lab File: BF085446.D
 Acq: 15 Mar 2016 00:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.3	76.9
111	47.9	38.4	57.6

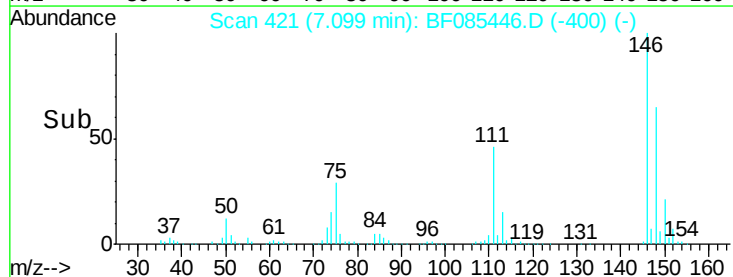
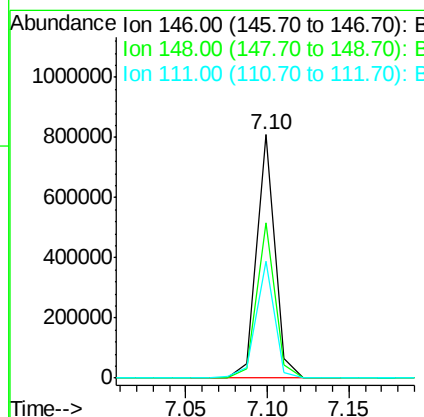
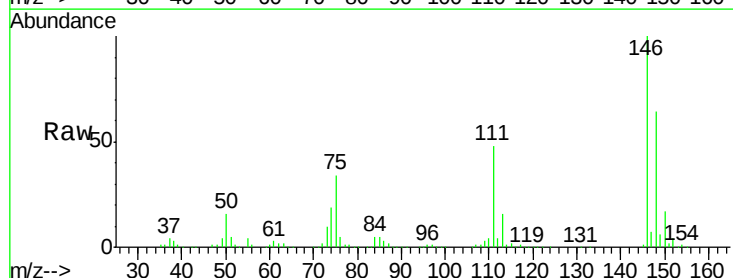
Manual Integrations
 APPROVED

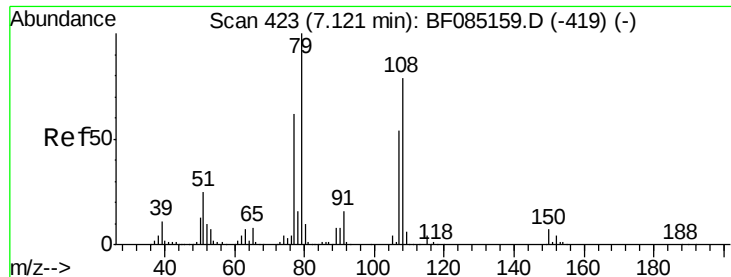
Sohil
 3/15/2016 2:09:31 PM



#14
 1,2-Dichlorobenzene
 Concen: 36.77 ng
 RT: 7.10 min Scan# 421
 Delta R.T. -0.06 min
 Lab File: BF085446.D
 Acq: 15 Mar 2016 00:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.4	77.2
111	48.0	36.7	55.1





#15

Benzyl Alcohol

Concen: 38.54 ng

RT: 7.08 min Scan# 419

Delta R.T. -0.05 min

Lab File: BF085446.D

Acq: 15 Mar 2016 00:41

Instrument :

BNA_F

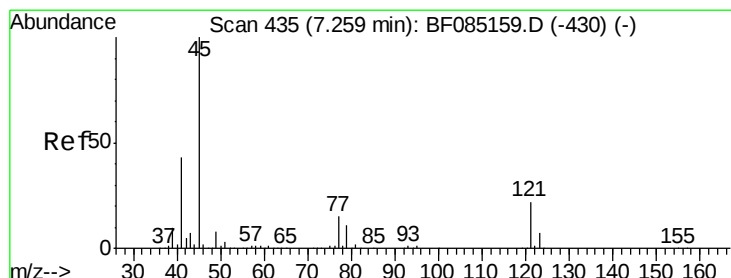
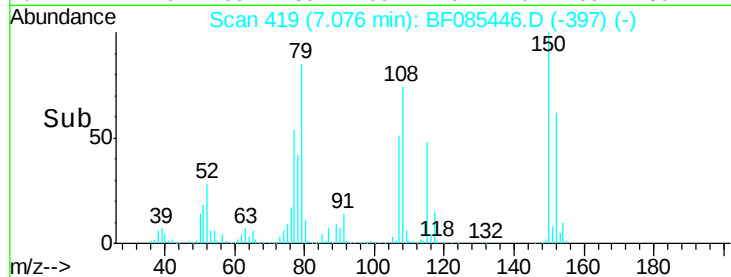
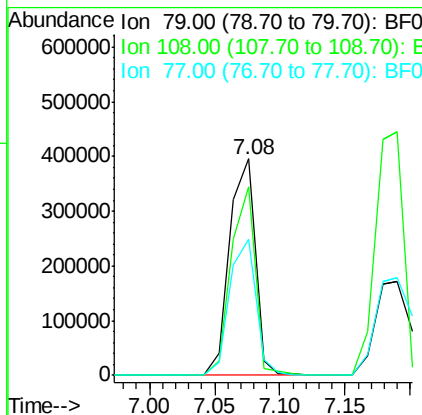
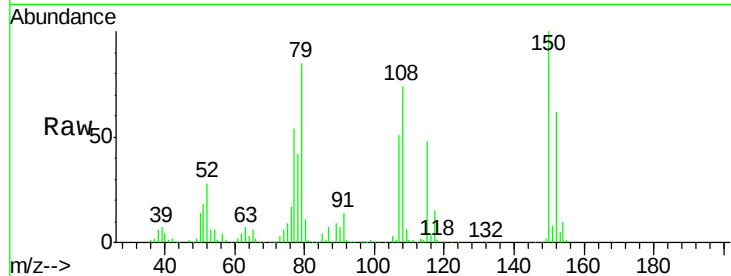
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	543034
Ion Ratio	Lower	Upper	
79	100		
108	87.1	62.9	94.3
77	62.8	49.5	74.3

Manual Integrations
APPROVED

Sohil
3/15/2016 2:09:31 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.85 ng

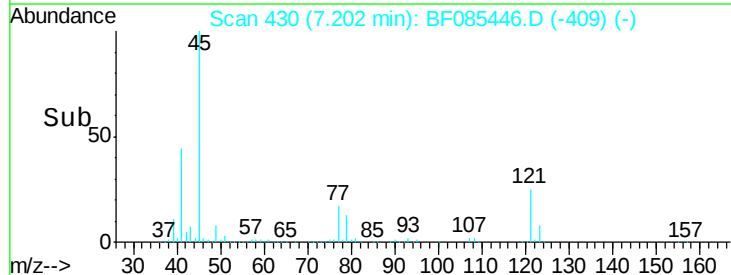
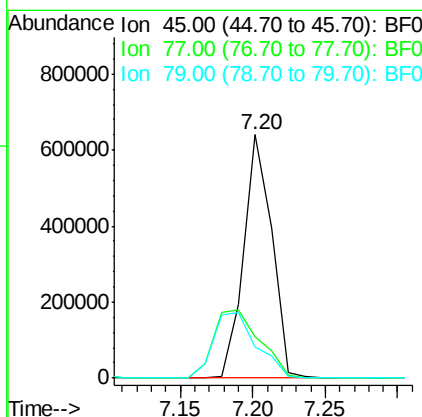
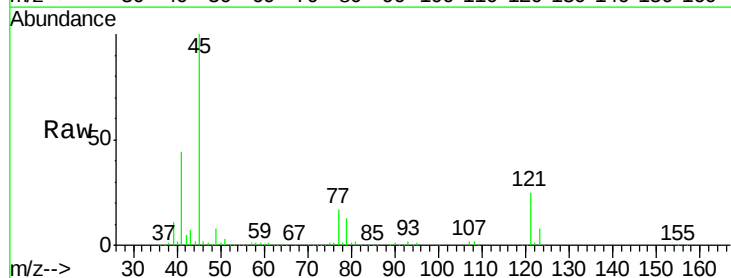
RT: 7.20 min Scan# 430

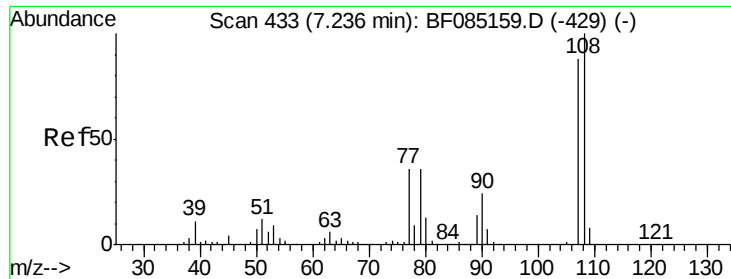
Delta R.T. -0.06 min

Lab File: BF085446.D

Acq: 15 Mar 2016 00:41

Tgt Ion:	45	Resp:	857635
Ion Ratio	Lower	Upper	
45	100		
77	16.8	0.0	35.1
79	12.6	0.0	31.3





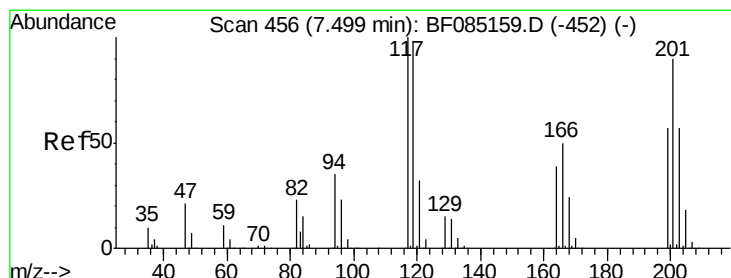
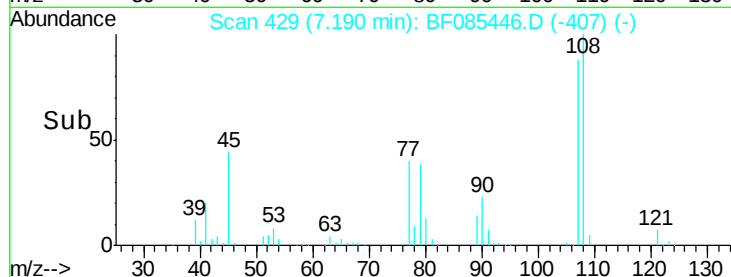
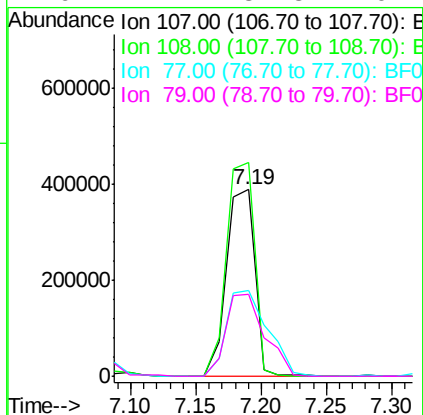
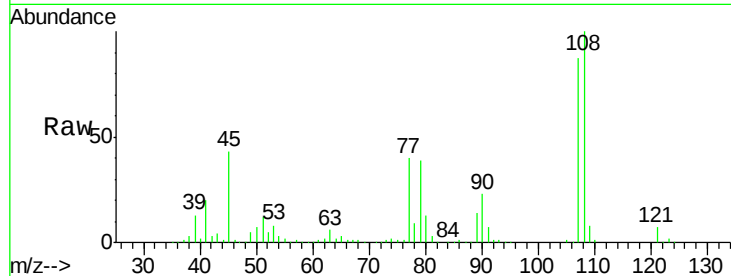
#17
2-Methylphenol
Concen: 40.65 ng
RT: 7.19 min Scan# 429
Delta R.T. -0.05 min
Lab File: BF085446.D
Acq: 15 Mar 2016 00:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	107	Resp:	585067
Ion Ratio	Lower	Upper	
107	100		
108	114.3	90.9	136.3
77	45.8	32.6	48.8
79	44.1	32.8	49.2

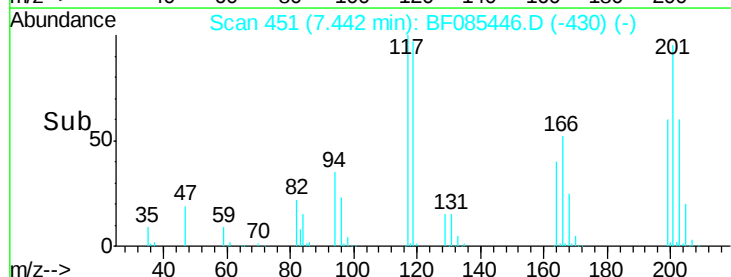
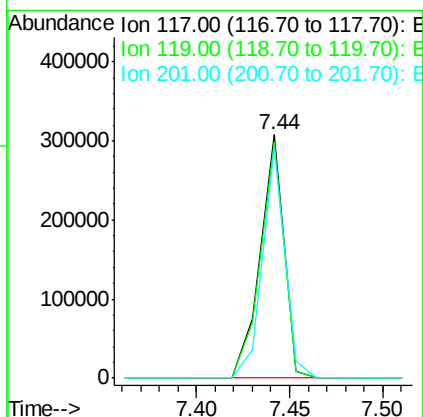
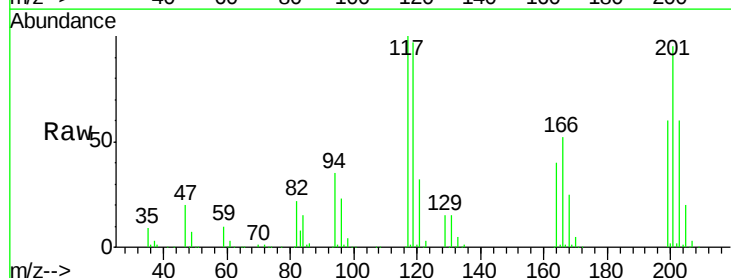
Manual Integrations
APPROVED

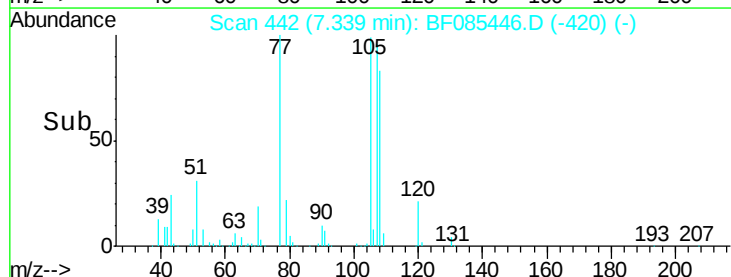
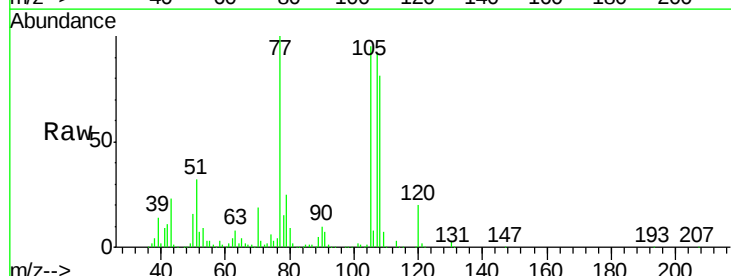
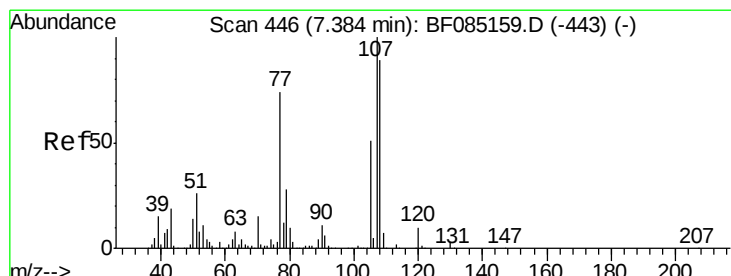
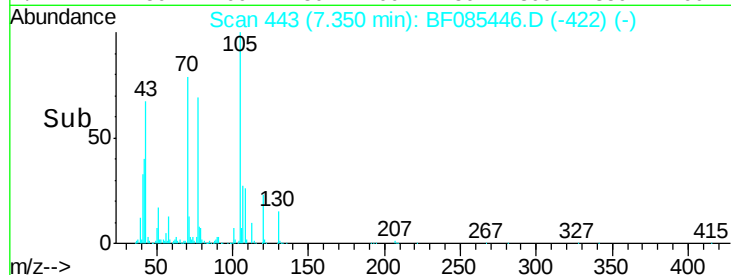
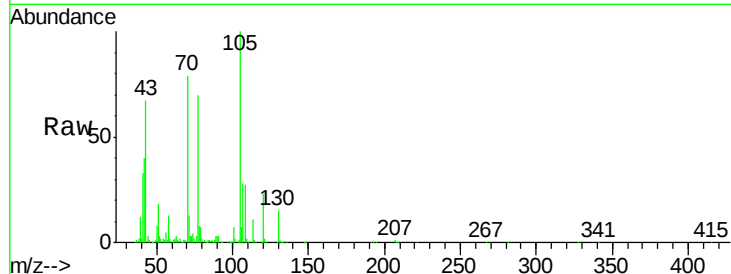
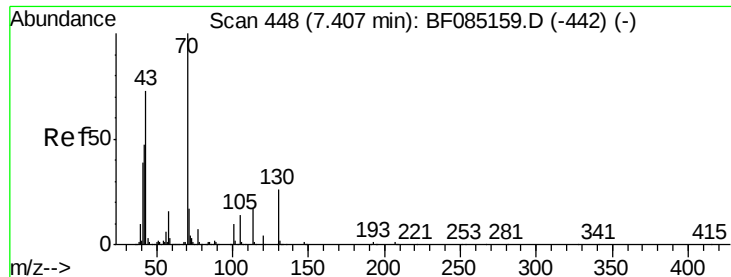
Sohil
3/15/2016 2:09:31 PM



#18
Hexachloroethane
Concen: 38.48 ng
RT: 7.44 min Scan# 451
Delta R.T. -0.06 min
Lab File: BF085446.D
Acq: 15 Mar 2016 00:41

Tgt Ion:	117	Resp:	269419
Ion Ratio	Lower	Upper	
117	100		
119	97.0	78.2	117.4
201	94.9	72.0	108.0





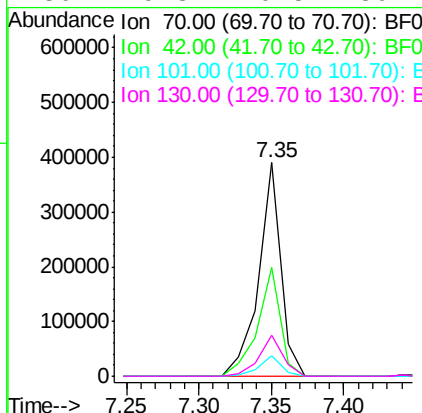
#19
n-Nitroso-di-n-propylamine
Concen: 33.15 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.06 min
Lab File: BF085446.D
Acq: 15 Mar 2016 00:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Upper
70	100		
42	51.1	37.7	56.5
101	9.4	8.2	12.4
130	19.3	20.5	30.7#

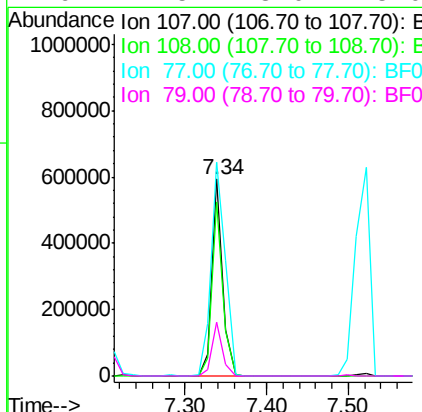
Manual Integrations
APPROVED

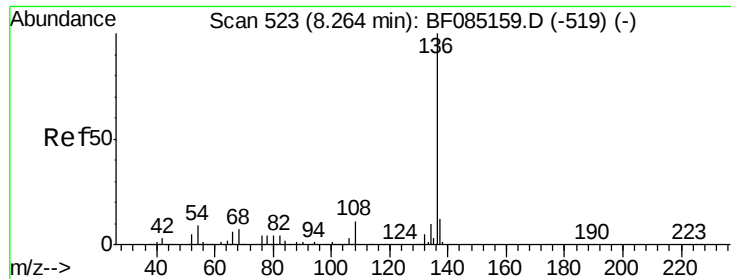
Sohil
3/15/2016 2:09:31 PM



#20
3+4-Methylphenols
Concen: 32.54 ng
RT: 7.34 min Scan# 442
Delta R.T. -0.05 min
Lab File: BF085446.D
Acq: 15 Mar 2016 00:41

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	88.1	68.8	108.8
77	108.4	53.6	93.6#
79	27.5	8.0	48.0





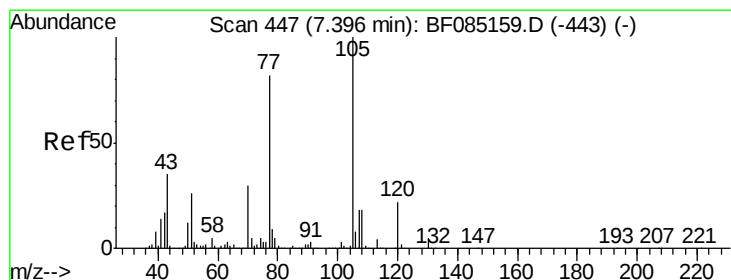
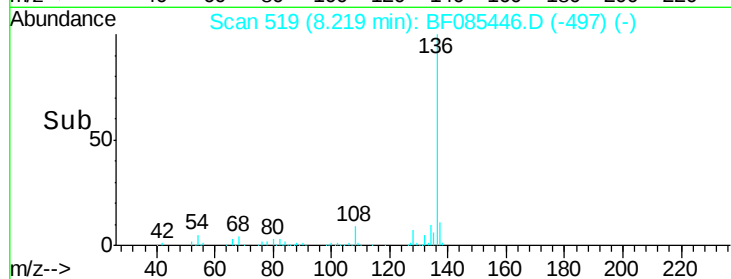
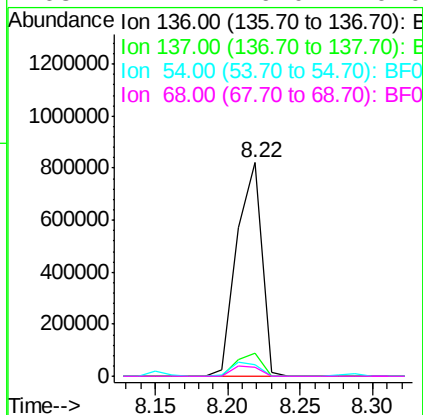
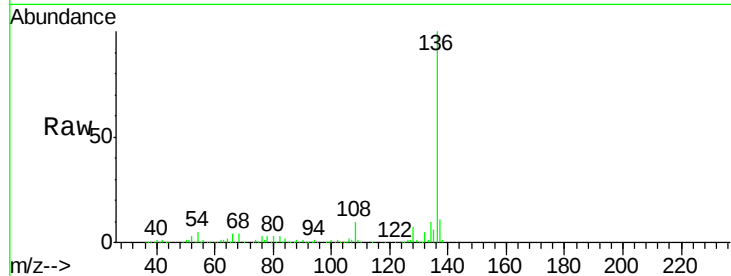
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF085446.D
Acq: 15 Mar 2016 00:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	9.3	13.9
54	5.3	7.4	11.2#
68	4.4	6.0	9.0#

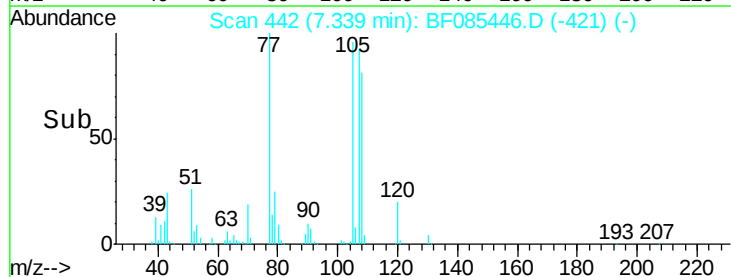
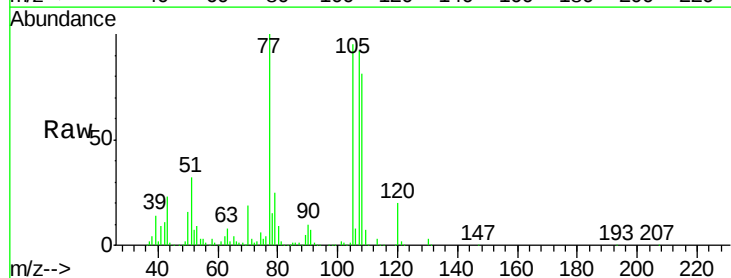
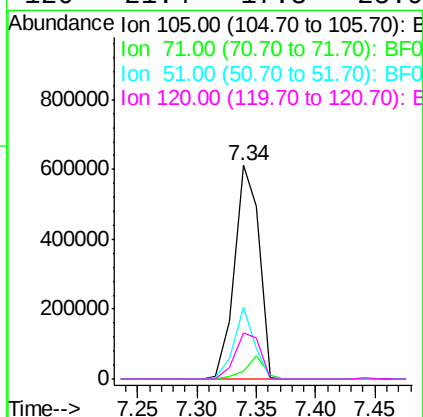
Manual Integrations
APPROVED

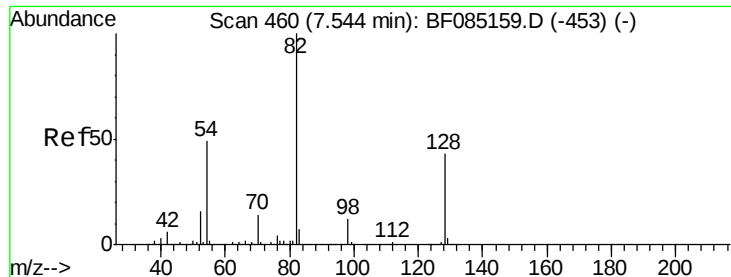
Sohil
3/15/2016 2:09:31 PM



#22
Acetophenone
Concen: 36.81 ng
RT: 7.34 min Scan# 442
Delta R.T. -0.06 min
Lab File: BF085446.D
Acq: 15 Mar 2016 00:41

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	3.4	4.1	6.1#
51	33.7	21.1	31.7#
120	21.4	17.3	25.9





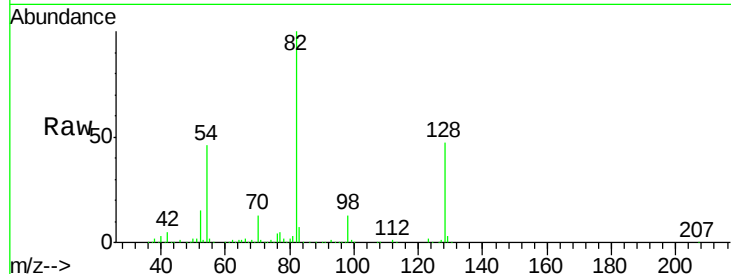
#23
 Nitrobenzene-d5
 Concen: 70.46 ng
 RT: 7.50 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF085446.D
 Acq: 15 Mar 2016 00:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

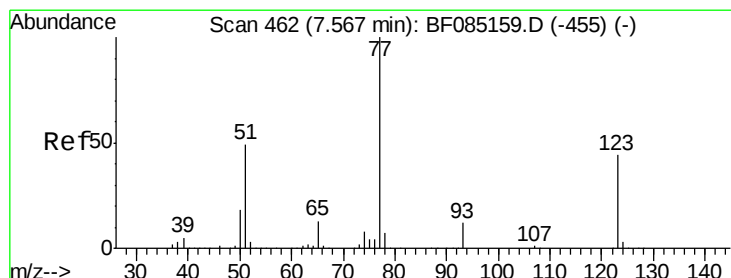
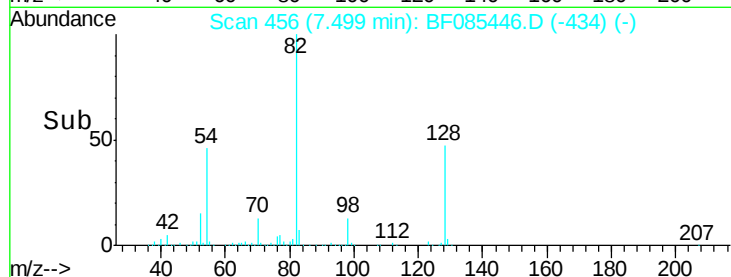
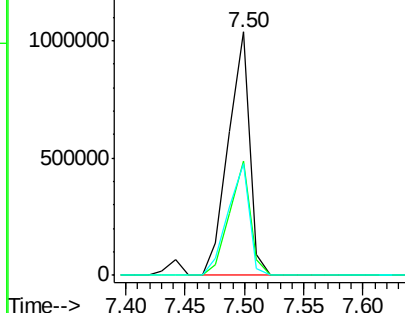
Tgt Ion: 82 Resp: 1290173
 Ion Ratio Lower Upper
 82 100
 128 46.8 34.5 51.7
 54 45.7 39.3 58.9

Manual Integrations
 APPROVED

Sohil
 3/15/2016 2:09:31 PM

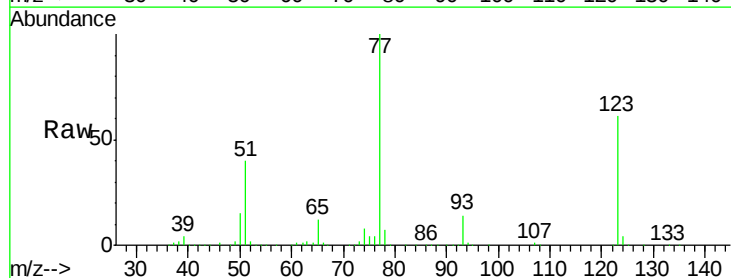


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

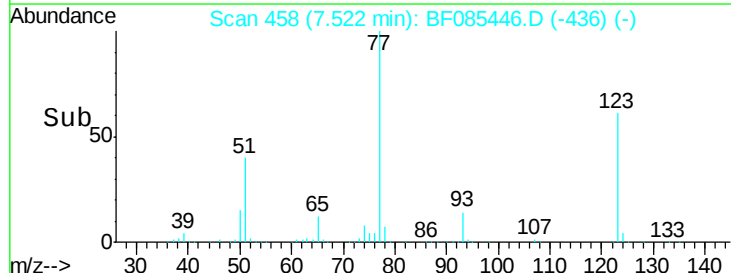
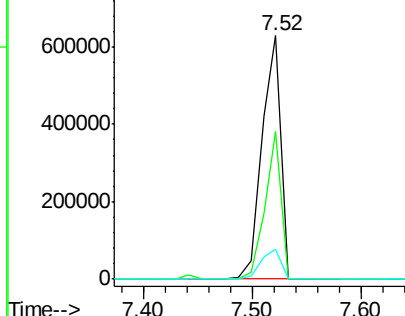


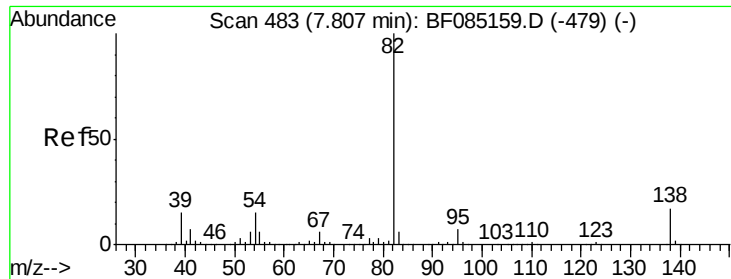
#24
 Nitrobenzene
 Concen: 40.83 ng
 RT: 7.52 min Scan# 458
 Delta R.T. -0.05 min
 Lab File: BF085446.D
 Acq: 15 Mar 2016 00:41

Tgt Ion: 77 Resp: 759496
 Ion Ratio Lower Upper
 77 100
 123 60.7 35.4 53.2#
 65 12.0 10.6 16.0



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





#25

Isophorone

Concen: 39.92 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.05 min

Lab File: BF085446.D

Acq: 15 Mar 2016 00:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1354709

Ion Ratio Lower Upper

82 100

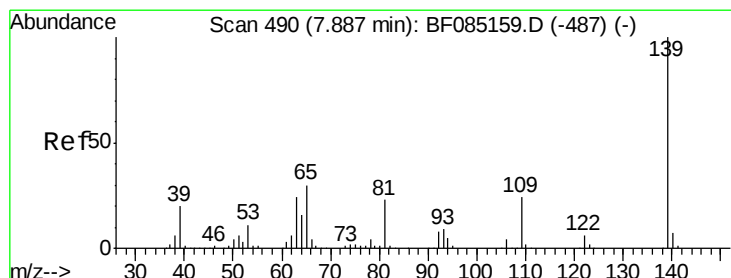
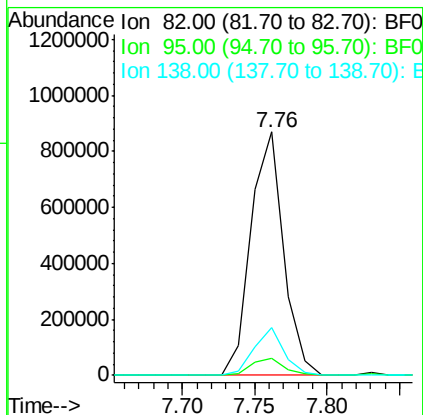
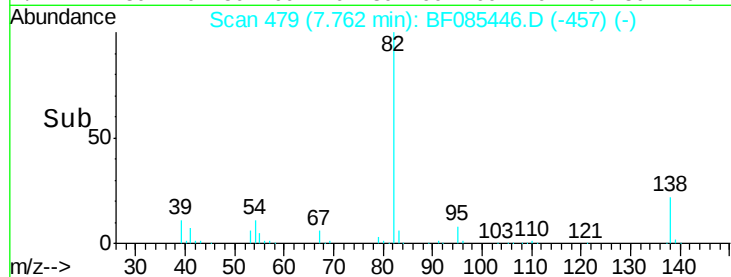
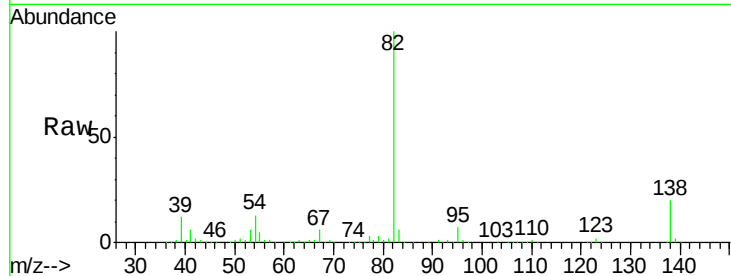
95 7.3 5.4 8.2

138 19.7 13.3 19.9

Manual Integrations
APPROVED

Sohil

3/15/2016 2:09:31 PM



#26

2-Nitrophenol

Concen: 42.39 ng

RT: 7.83 min Scan# 485

Delta R.T. -0.06 min

Lab File: BF085446.D

Acq: 15 Mar 2016 00:41

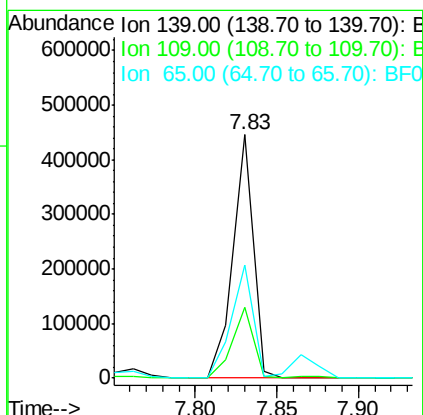
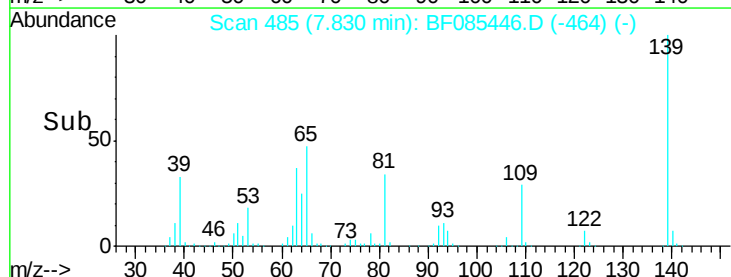
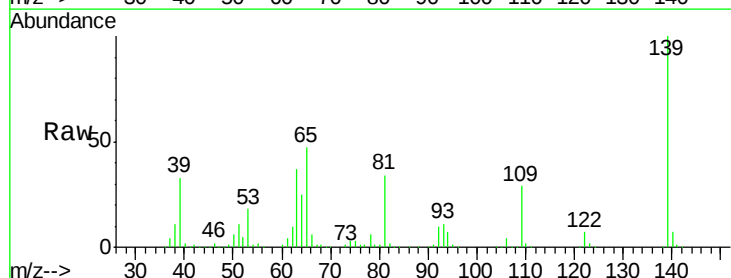
Tgt Ion: 139 Resp: 383704

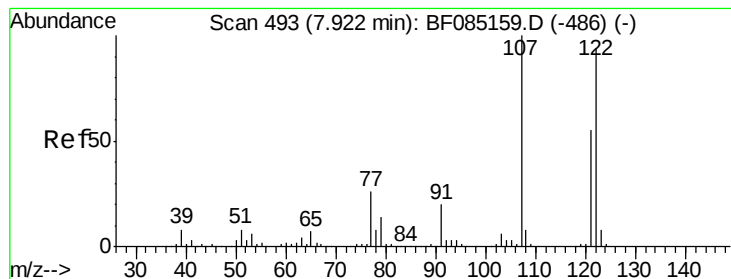
Ion Ratio Lower Upper

139 100

109 29.3 19.1 28.7#

65 46.5 23.9 35.9#





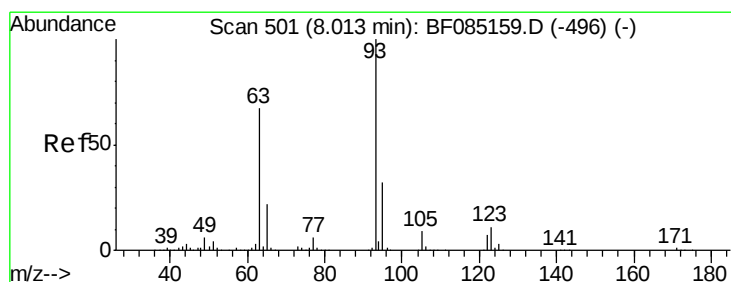
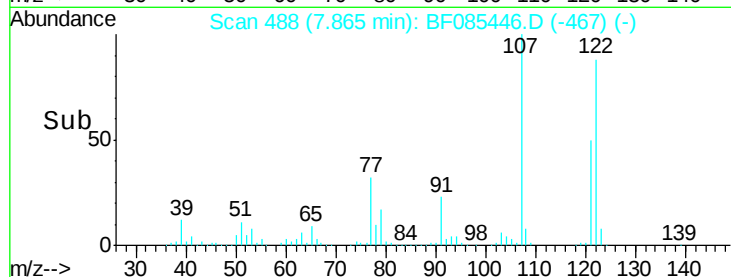
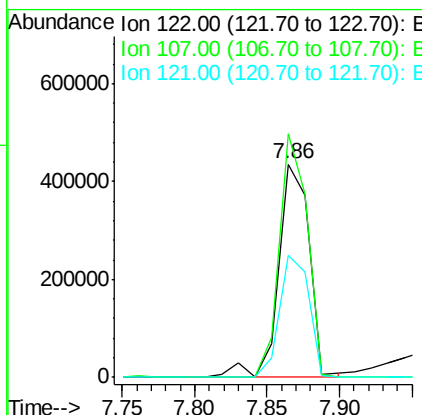
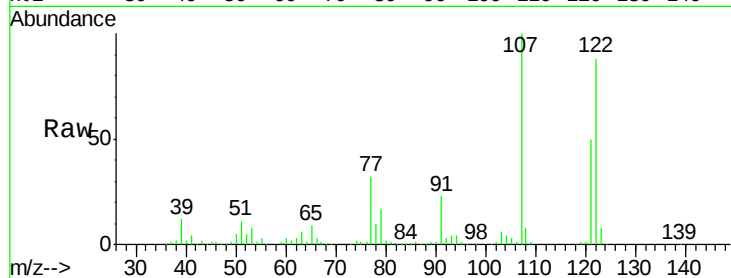
#27
2,4-Dimethylphenol
Concen: 38.46 ng
RT: 7.86 min Scan# 488
Delta R.T. -0.06 min
Lab File: BF085446.D
Acq: 15 Mar 2016 00:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	636254		
107	114.1	84.8	127.2	
121	57.4	47.0	70.6	

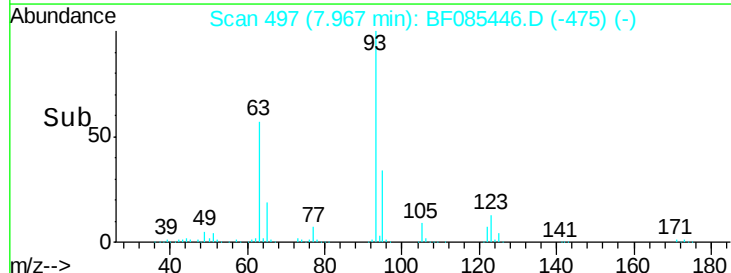
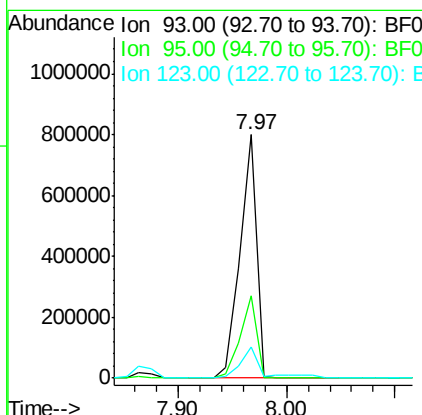
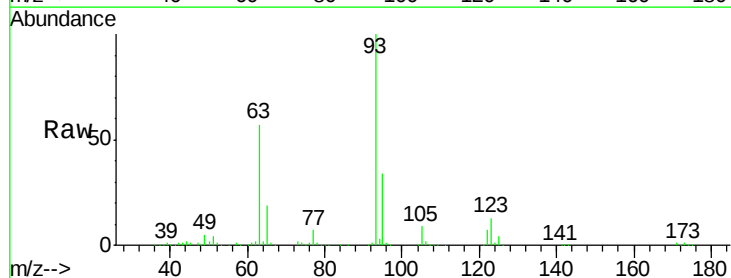
Manual Integrations
APPROVED

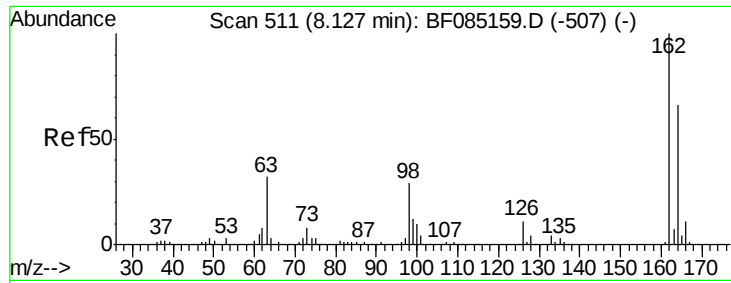
Sohil
3/15/2016 2:09:31 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.66 ng
RT: 7.97 min Scan# 497
Delta R.T. -0.05 min
Lab File: BF085446.D
Acq: 15 Mar 2016 00:41

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	825064		
95	33.6	25.9	38.9	
123	12.6	8.8	13.2	





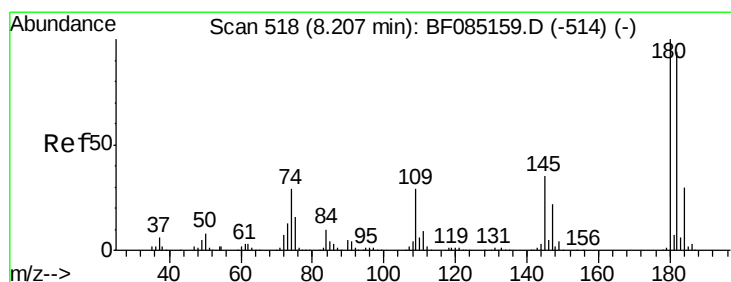
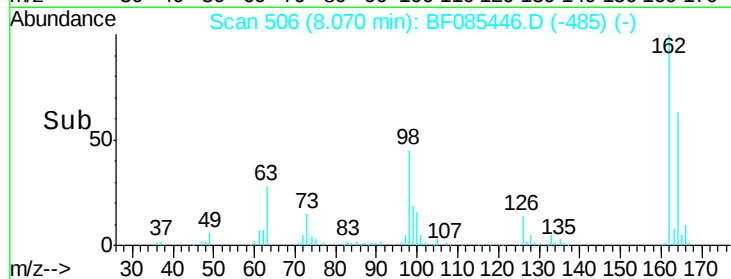
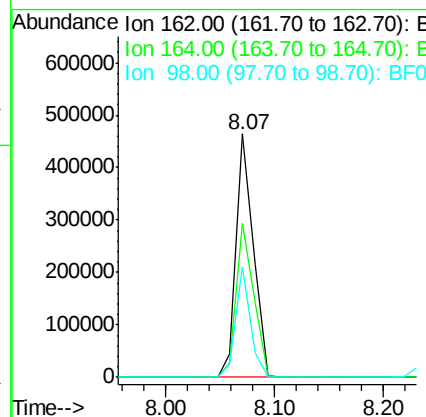
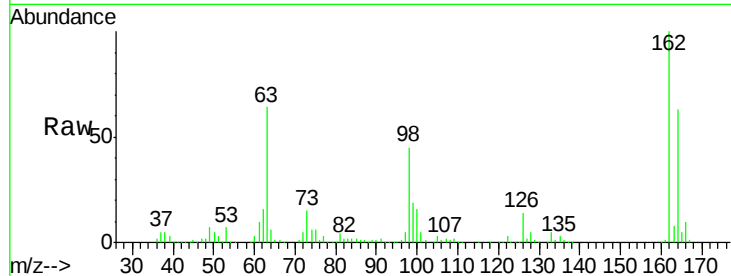
#29
 2,4-Dichlorophenol
 Concen: 37.64 ng
 RT: 8.07 min Scan# 506
 Delta R.T. -0.06 min
 Lab File: BF085446.D
 Acq: 15 Mar 2016 00:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	502196		
164	63.3	45.7	85.7	
98	45.2	9.4	49.4	

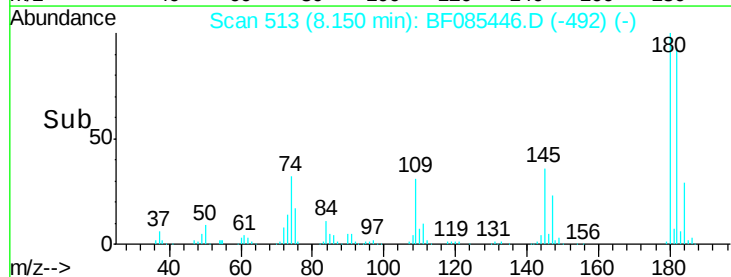
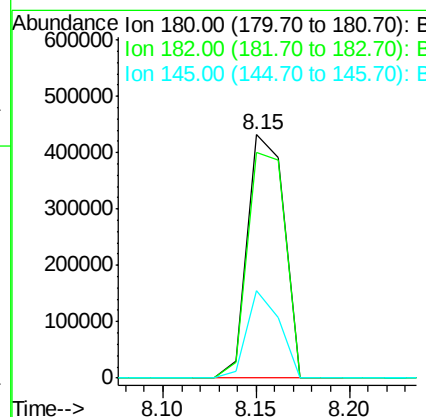
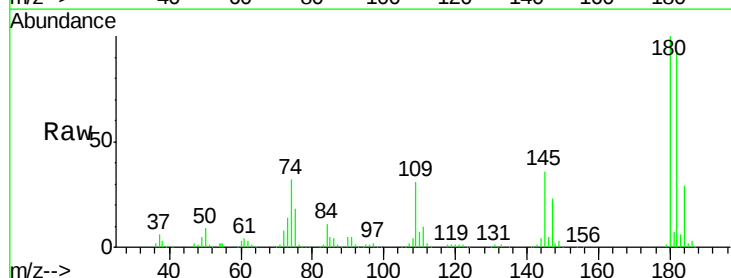
Manual Integrations
 APPROVED

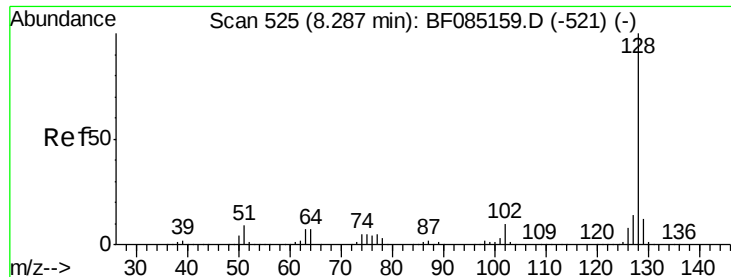
Sohil
 3/15/2016 2:09:31 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.73 ng
 RT: 8.15 min Scan# 513
 Delta R.T. -0.06 min
 Lab File: BF085446.D
 Acq: 15 Mar 2016 00:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	587470		
182	92.6	74.9	112.3	
145	35.9	27.9	41.9	





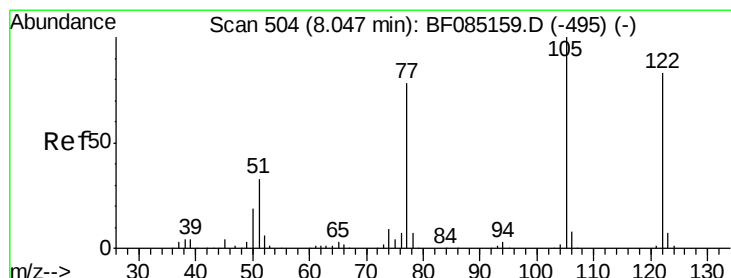
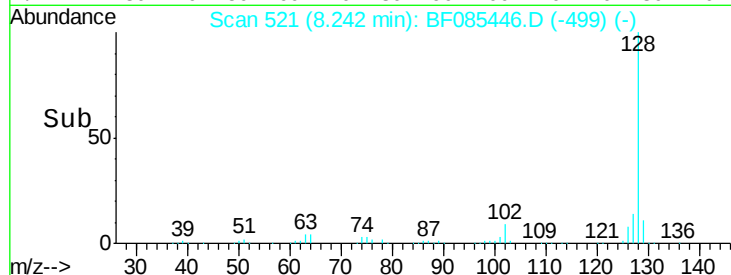
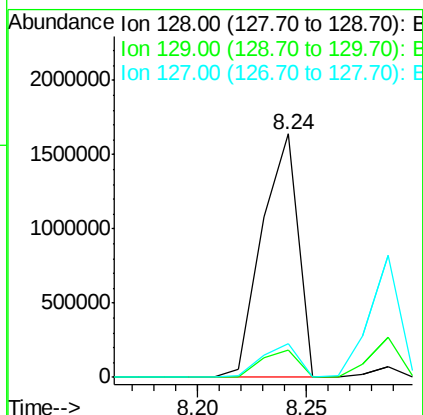
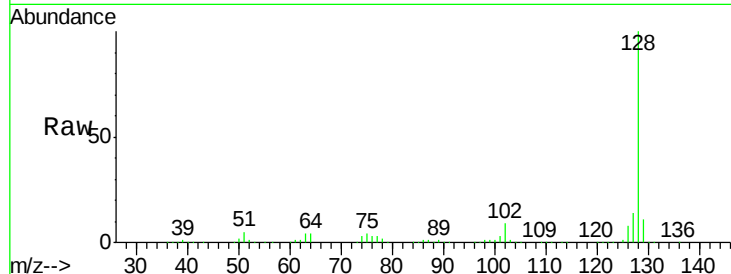
#31
Naphthalene
Concen: 39.69 ng
RT: 8.24 min Scan# 521
Delta R.T. -0.05 min
Lab File: BF085446.D
Acq: 15 Mar 2016 00:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1912291
Ion Ratio Lower Upper
128 100
129 11.3 9.7 14.5
127 14.0 11.2 16.8

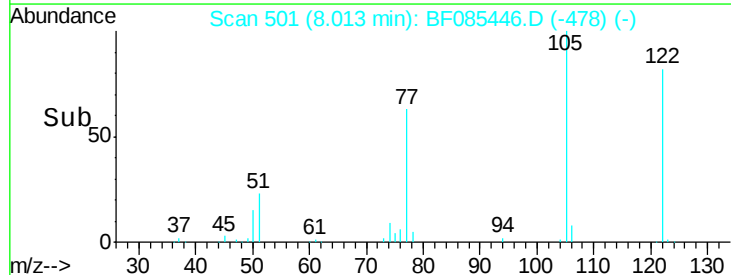
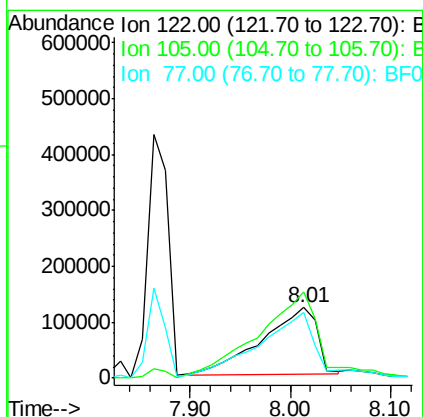
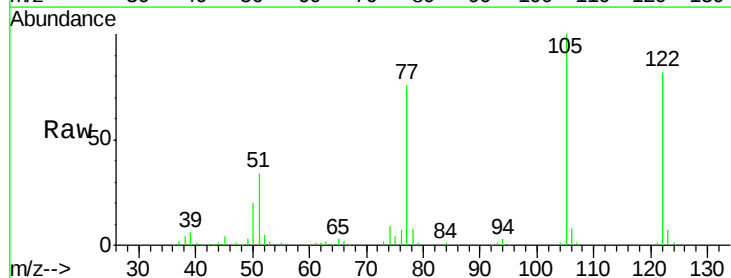
Manual Integrations
APPROVED

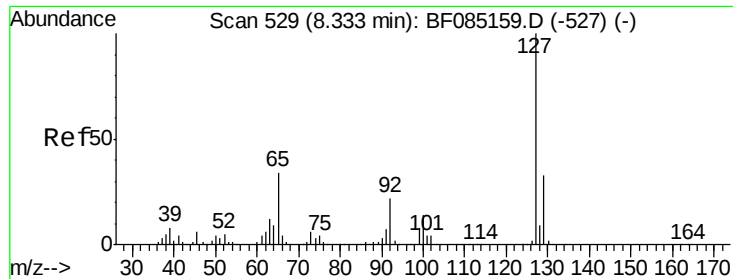
Sohil
3/15/2016 2:09:31 PM



#32
Benzoic acid
Concen: 41.44 ng
RT: 8.01 min Scan# 501
Delta R.T. -0.03 min
Lab File: BF085446.D
Acq: 15 Mar 2016 00:41

Tgt Ion:122 Resp: 455331
Ion Ratio Lower Upper
122 100
105 122.3 101.3 141.3
77 93.2 74.7 114.7





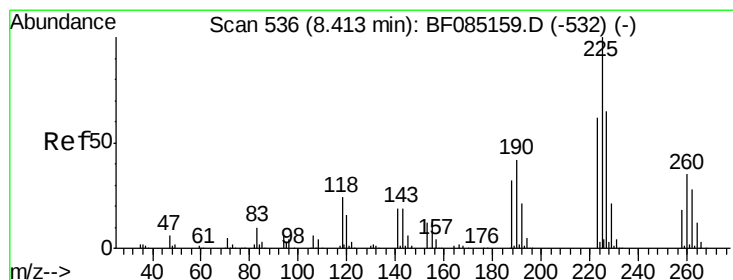
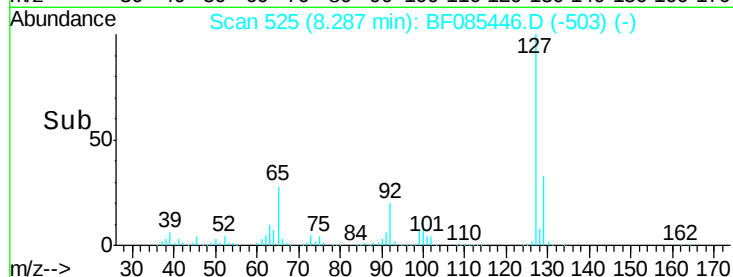
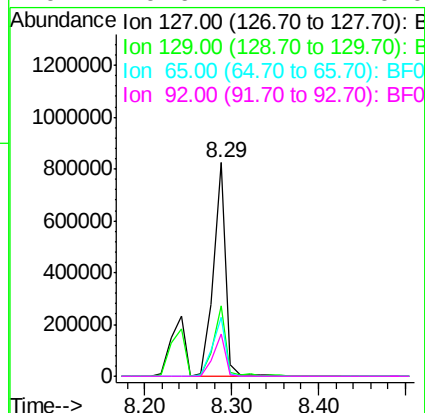
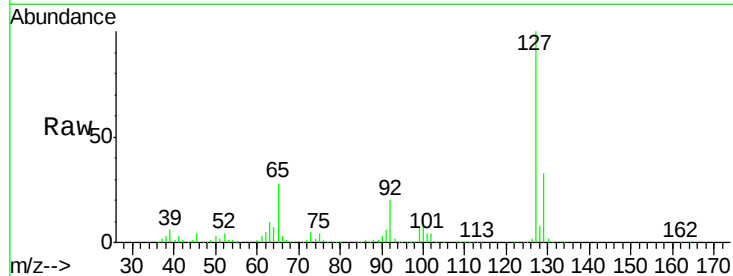
#33
4-Chloroaniline
Concen: 41.28 ng
RT: 8.29 min Scan# 525
Delta R.T. -0.05 min
Lab File: BF085446.D
Acq: 15 Mar 2016 00:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.7	26.1	39.1	
65	27.7	27.0	40.6	
92	19.6	17.4	26.0	

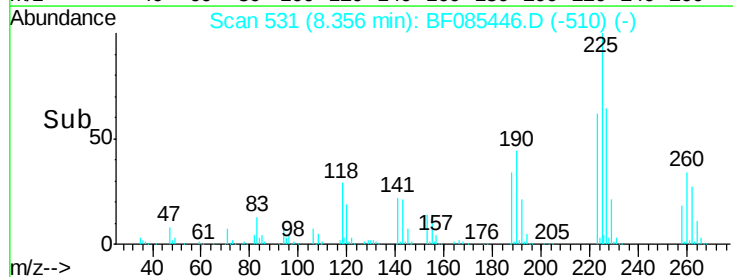
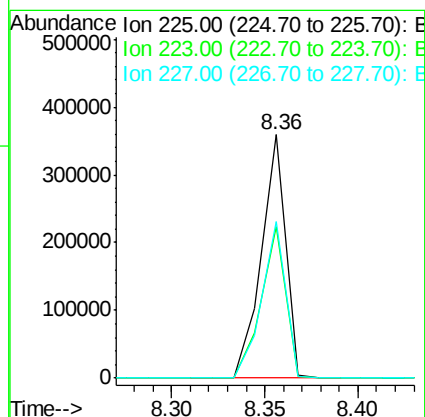
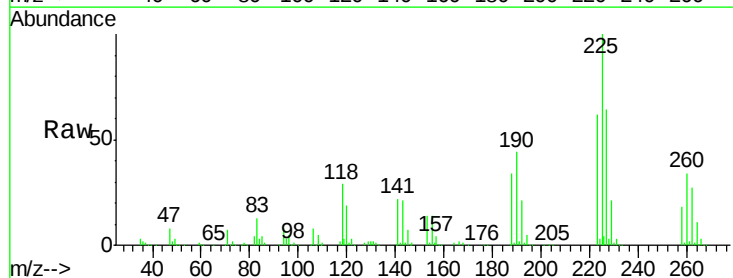
Manual Integrations
APPROVED

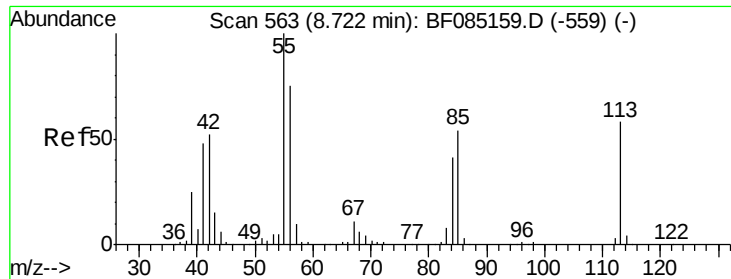
Sohil
3/15/2016 2:09:31 PM



#34
Hexachlorobutadiene
Concen: 42.72 ng
RT: 8.36 min Scan# 531
Delta R.T. -0.06 min
Lab File: BF085446.D
Acq: 15 Mar 2016 00:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.0	49.7	74.5	
227	64.3	52.2	78.4	





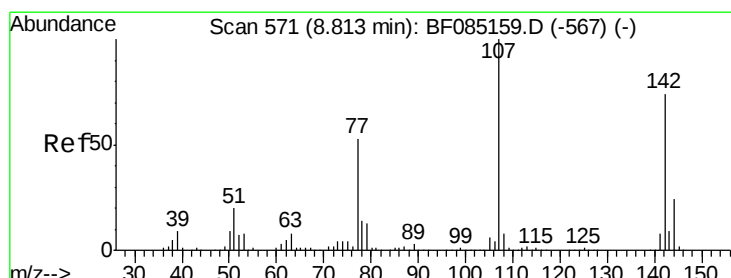
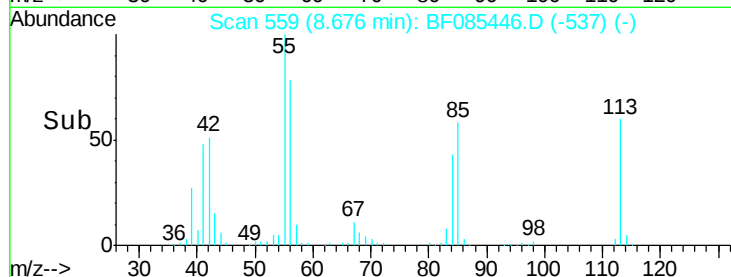
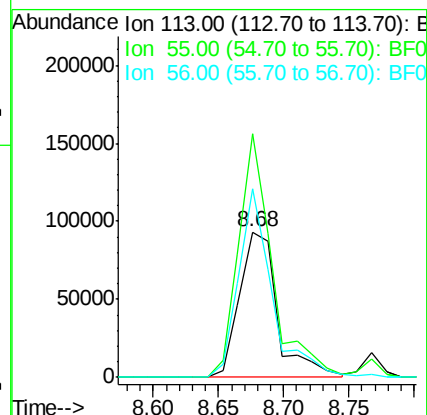
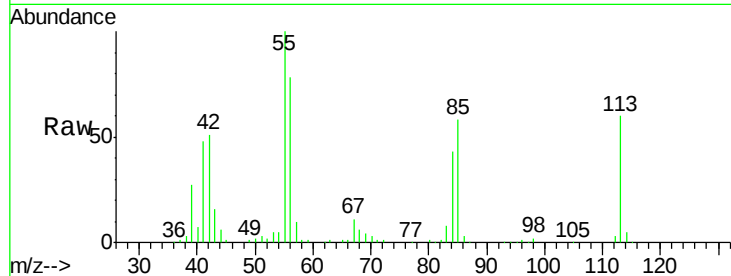
#35
Caprolactam
Concen: 43.26 ng
RT: 8.68 min Scan# 559
Delta R.T. -0.05 min
Lab File: BF085446.D
Acq: 15 Mar 2016 00:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	188480		
55	167.2	152.7	192.7	
56	129.7	109.0	149.0	

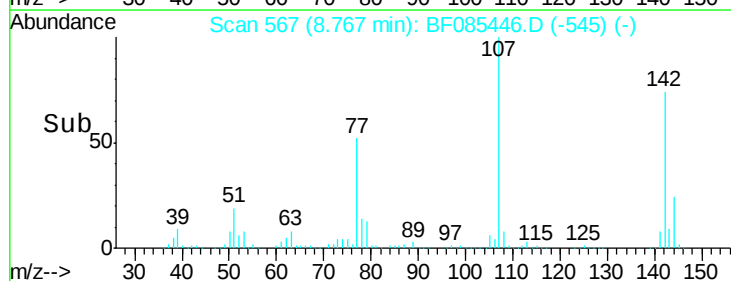
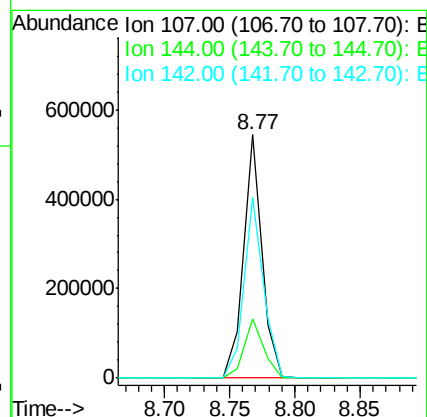
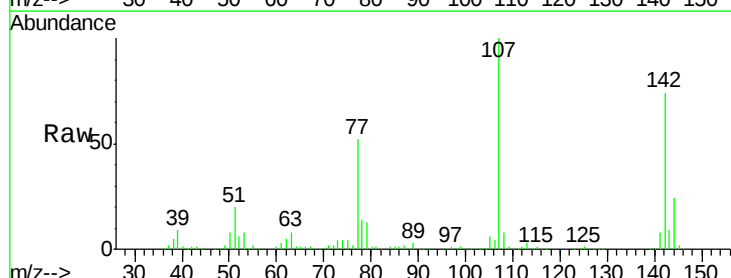
Manual Integrations
APPROVED

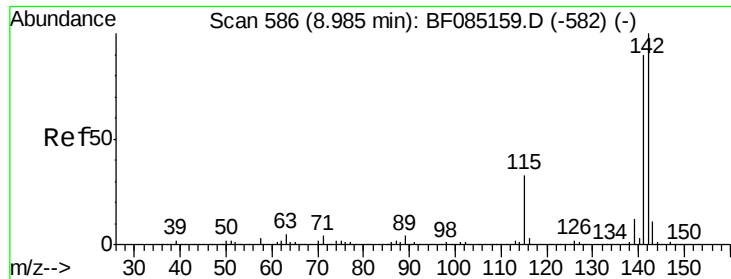
Sohil
3/15/2016 2:09:31 PM



#36
4-Chloro-3-methylphenol
Concen: 35.03 ng
RT: 8.77 min Scan# 567
Delta R.T. -0.05 min
Lab File: BF085446.D
Acq: 15 Mar 2016 00:41

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	530139		
144	24.4	19.4	29.2	
142	74.1	59.4	89.2	





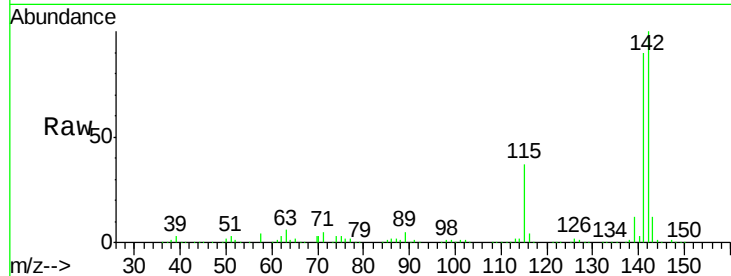
#37
 2-Methylnaphthalene
 Concen: 35.14 ng
 RT: 8.93 min Scan# 581
 Delta R.T. -0.06 min
 Lab File: BF085446.D
 Acq: 15 Mar 2016 00:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

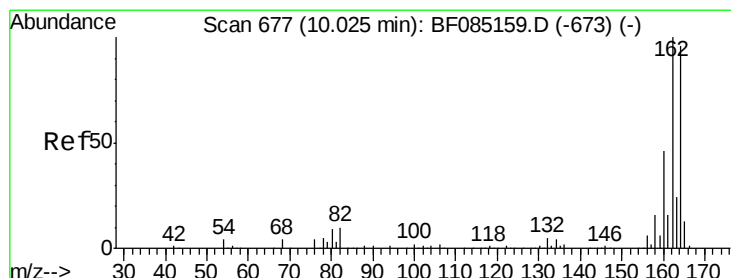
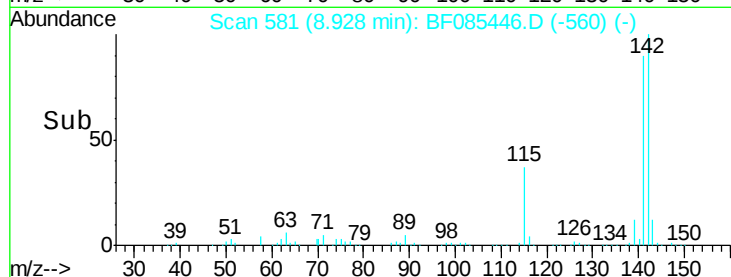
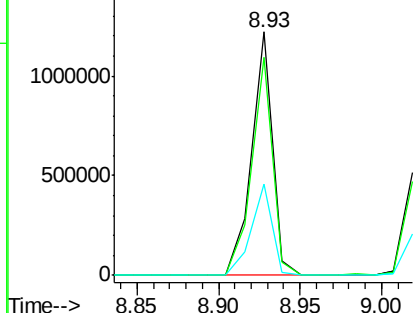
Tgt Ion:142 Resp: 1086586
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.7 107.5
 115 37.4 26.2 39.4

Manual Integrations
 APPROVED

Sohil
 3/15/2016 2:09:31 PM

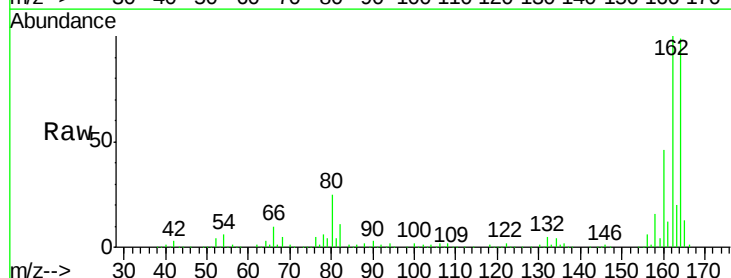


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

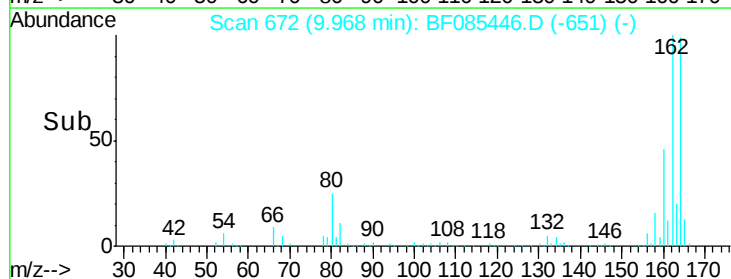
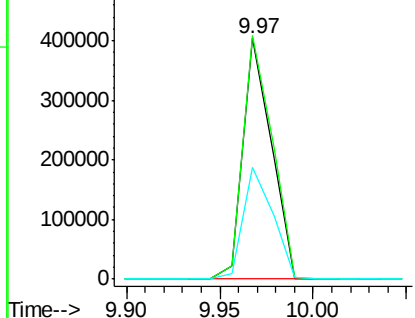


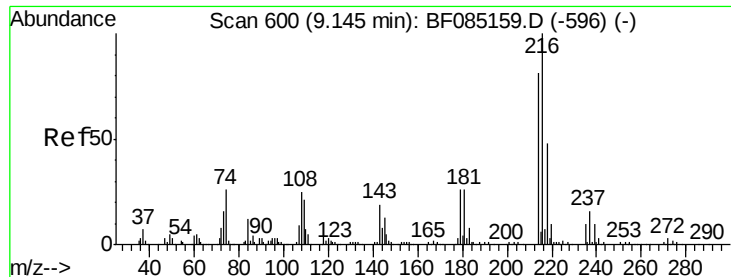
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 672
 Delta R.T. -0.06 min
 Lab File: BF085446.D
 Acq: 15 Mar 2016 00:41

Tgt Ion:164 Resp: 430829
 Ion Ratio Lower Upper
 164 100
 162 101.2 83.3 124.9
 160 46.5 37.9 56.9



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: 45.99 ng

RT: 9.10 min Scan# 596

Delta R.T. -0.05 min

Lab File: BF085446.D

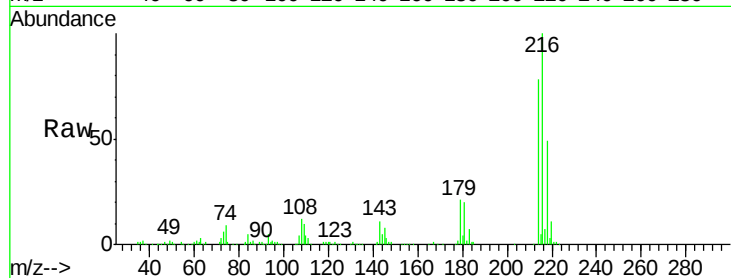
Acq: 15 Mar 2016 00:41

Instrument :

BNA_F

ClientSampleId :

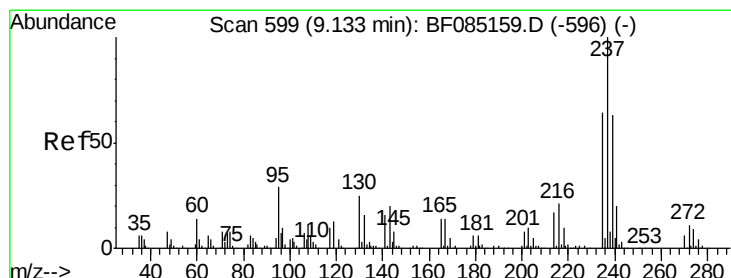
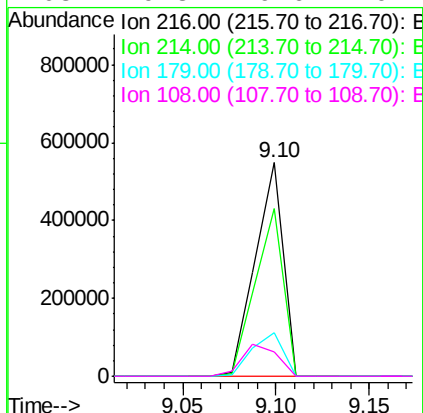
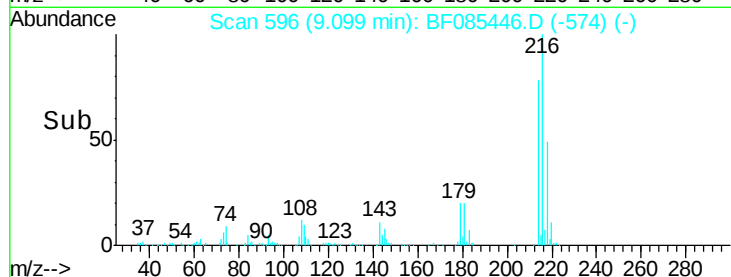
SSTDCCC040



Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.8	95.6
179	22.9	19.6	29.4
108	19.3	19.6	29.4

Manual Integrations
APPROVED

Sohil
3/15/2016 2:09:31 PM



#40

Hexachlorocyclopentadiene

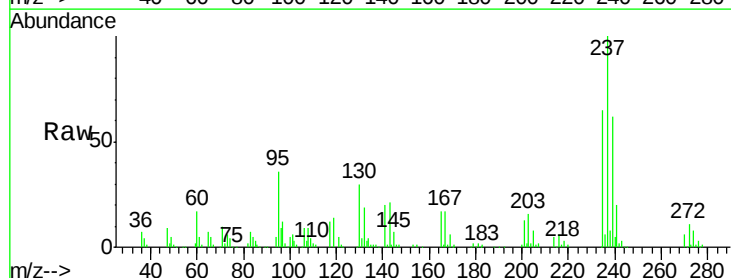
Concen: 26.06 ng

RT: 9.08 min Scan# 594

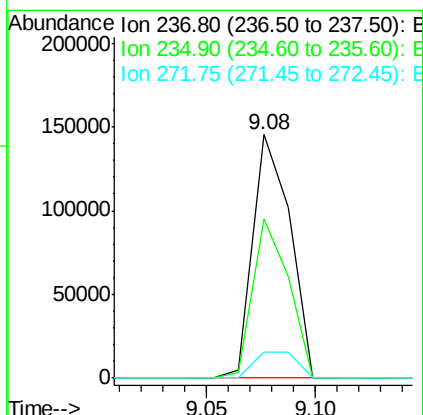
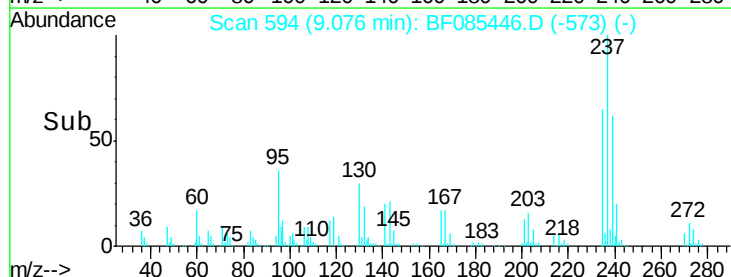
Delta R.T. -0.06 min

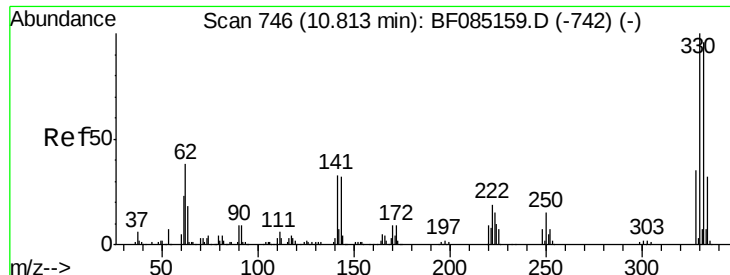
Lab File: BF085446.D

Acq: 15 Mar 2016 00:41



Tgt Ion	Ratio	Lower	Upper
237	100		
235	65.2	43.7	83.7
272	10.7	0.0	31.5





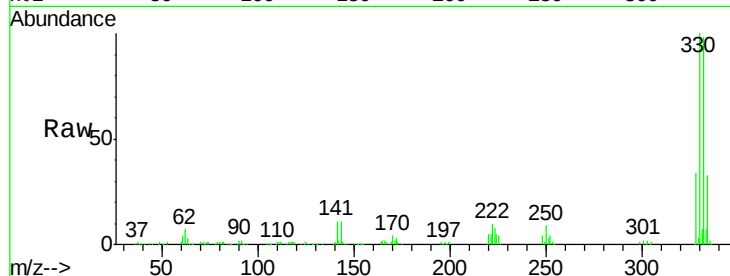
#41
 2,4,6-Tribromophenol
 Concen: 95.55 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.05 min
 Lab File: BF085446.D
 Acq: 15 Mar 2016 00:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

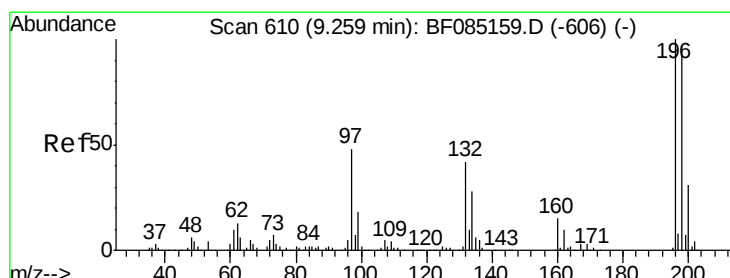
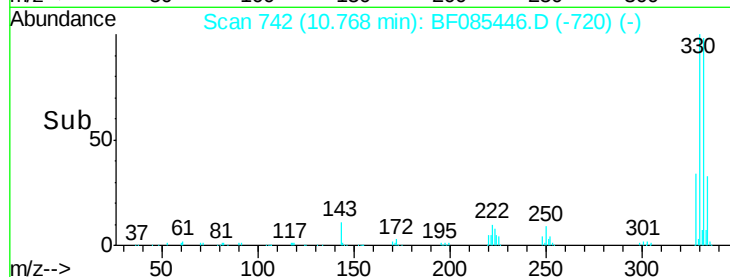
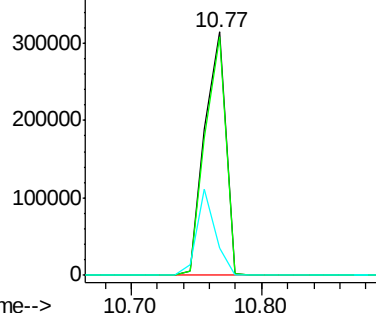
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	352254		
332	96.6	77.1	115.7	
141	31.2	35.0	52.6#	

Manual Integrations
 APPROVED

Sohil
 3/15/2016 2:09:31 PM



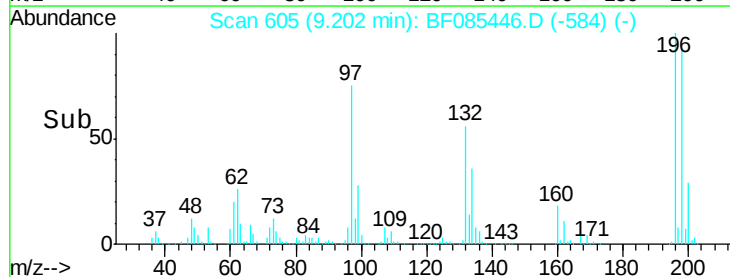
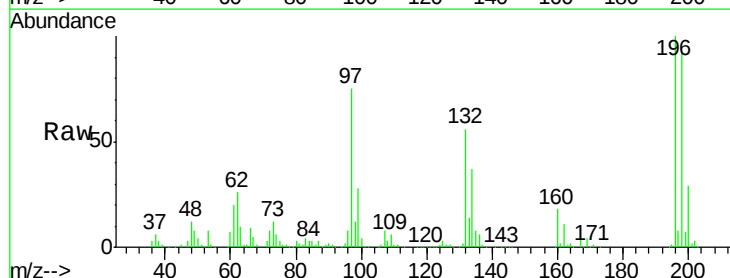
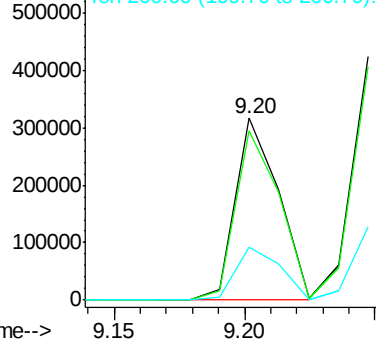
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 39.73 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF085446.D
 Acq: 15 Mar 2016 00:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	364387		
198	93.0	77.8	116.6	
200	29.4	25.0	37.6	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





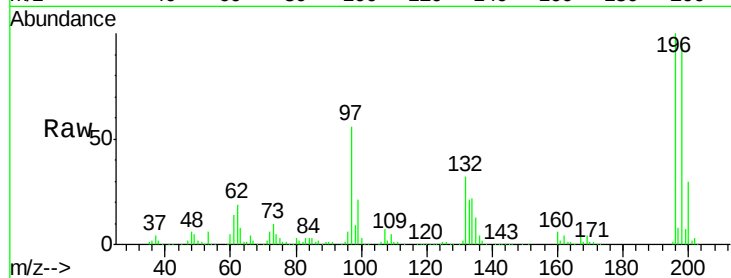
#43
 2,4,5-Trichlorophenol
 Concen: 43.12 ng
 RT: 9.25 min Scan# 609
 Delta R.T. -0.05 min
 Lab File: BF085446.D
 Acq: 15 Mar 2016 00:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

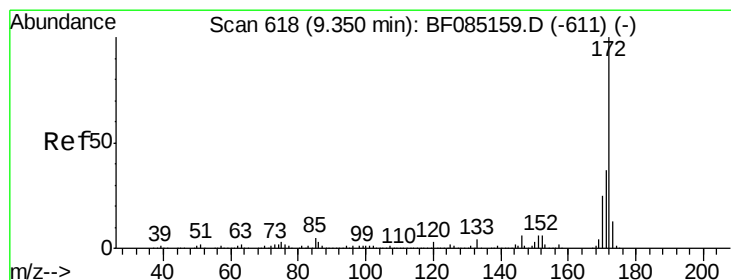
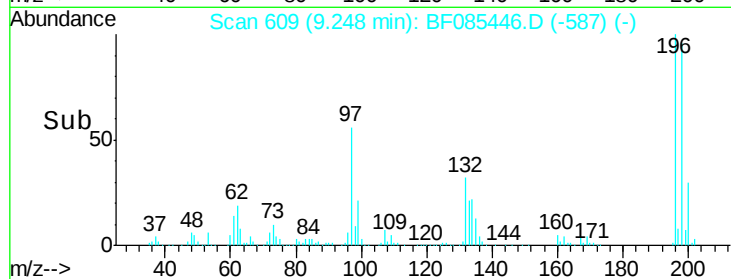
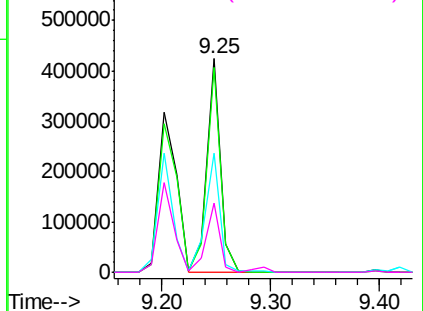
Tgt Ion:	196	Resp:	375000
Ion Ratio	Lower	Upper	
196	100		
198	95.7	75.7	113.5
97	55.6	46.4	69.6
132	32.2	26.2	39.4

Manual Integrations
 APPROVED

Sohil
 3/15/2016 2:09:31 PM

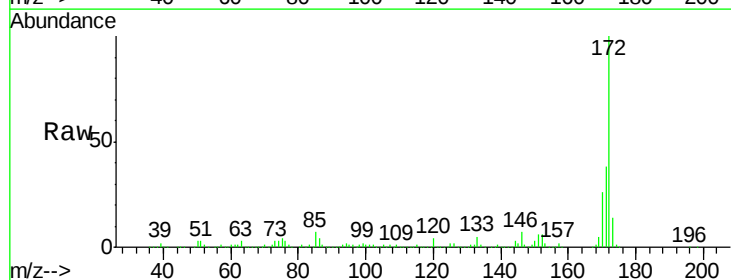


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

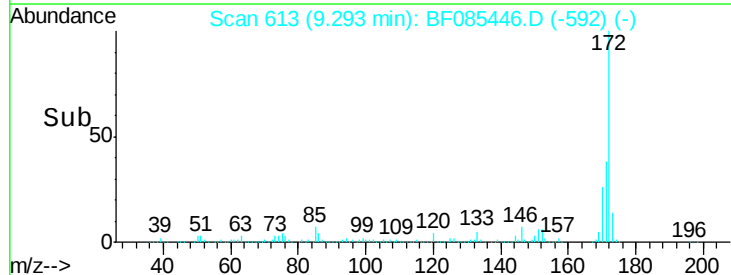
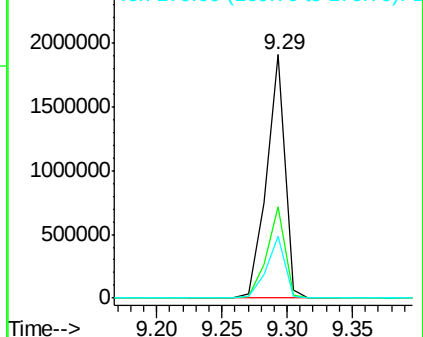


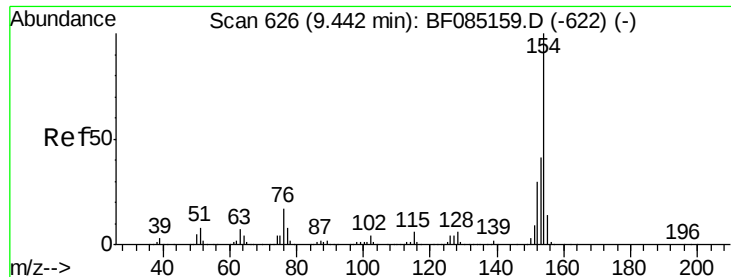
#44
 2-Fluorobiphenyl
 Concen: 66.80 ng
 RT: 9.29 min Scan# 613
 Delta R.T. -0.06 min
 Lab File: BF085446.D
 Acq: 15 Mar 2016 00:41

Tgt Ion:	172	Resp:	1892260
Ion Ratio	Lower	Upper	
172	100		
171	37.6	29.3	43.9
170	25.6	20.0	30.0



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.87 ng

RT: 9.40 min Scan# 622

Delta R.T. -0.05 min

Lab File: BF085446.D

Acq: 15 Mar 2016 00:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:154 Resp: 1467663

Ion Ratio Lower Upper

154 100

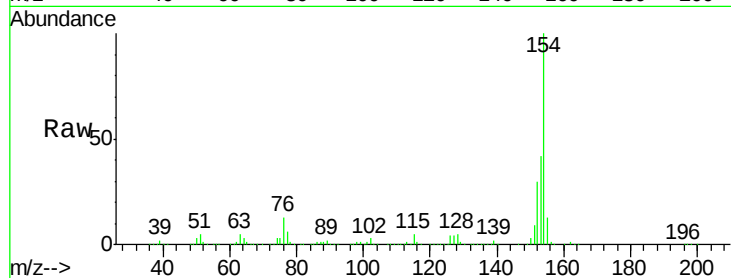
153 42.4 21.4 61.4

76 12.5 0.0 37.5

Manual Integrations
APPROVED

Sohil

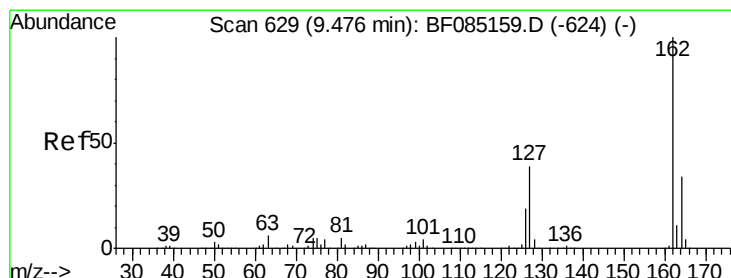
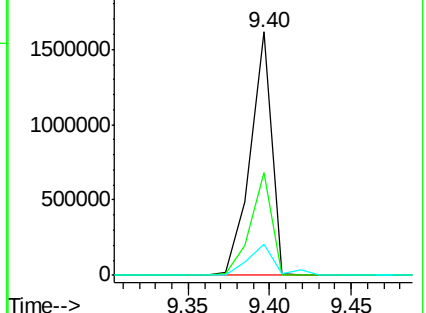
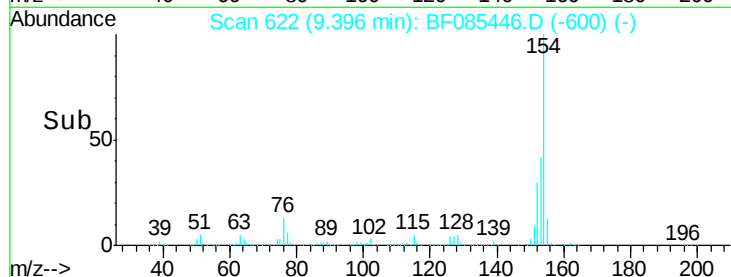
3/15/2016 2:09:31 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 37.47 ng

RT: 9.42 min Scan# 624

Delta R.T. -0.06 min

Lab File: BF085446.D

Acq: 15 Mar 2016 00:41

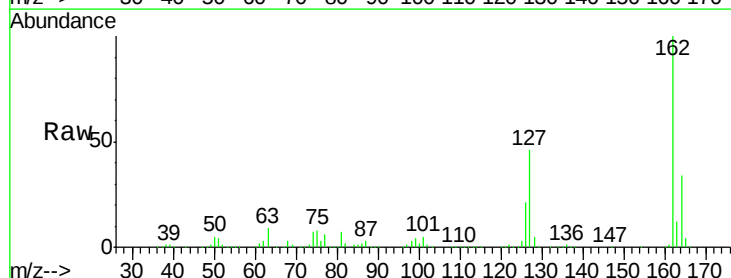
Tgt Ion:162 Resp: 1051201

Ion Ratio Lower Upper

162 100

127 45.9 31.6 47.4

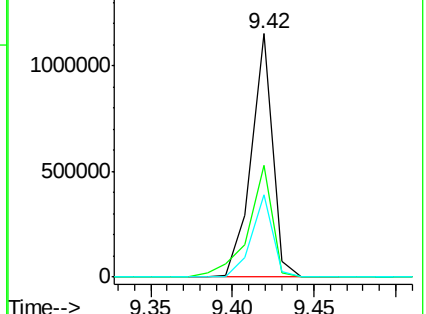
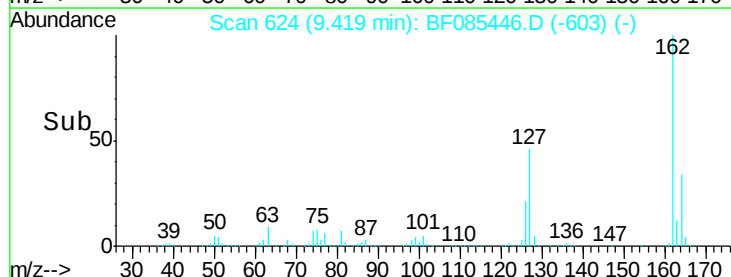
164 33.6 27.1 40.7

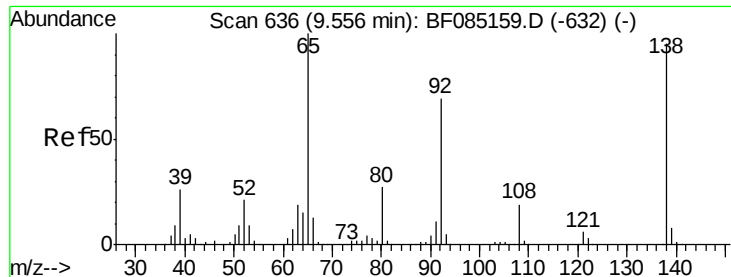


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





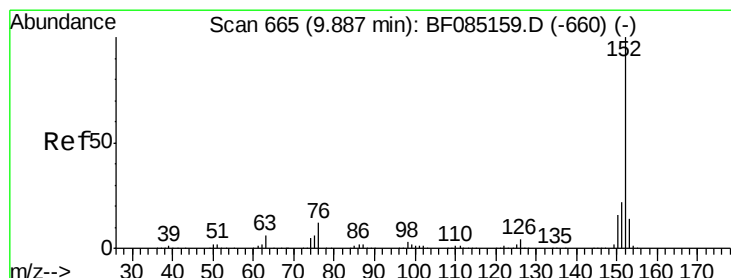
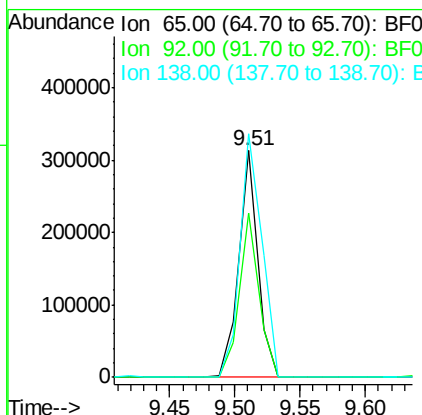
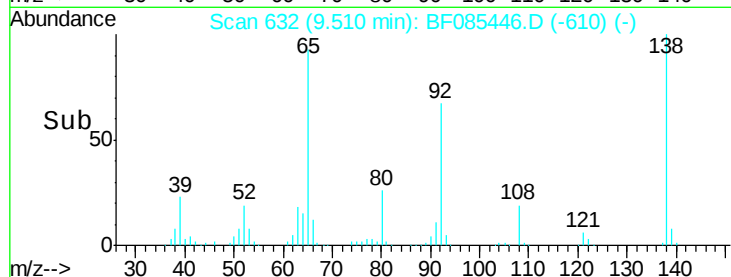
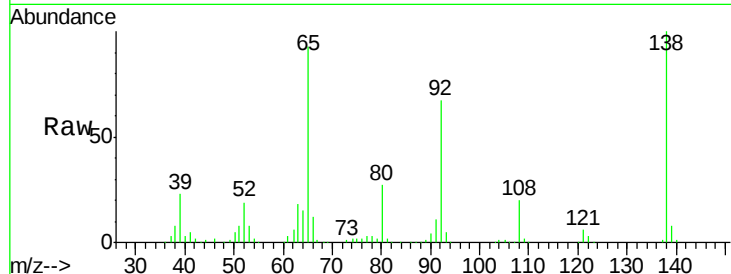
#47
2-Nitroaniline
Concen: 36.20 ng
RT: 9.51 min Scan# 632
Delta R.T. -0.05 min
Lab File: BF085446.D
Acq: 15 Mar 2016 00:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.4	55.4	83.2
138	107.5	75.7	113.5

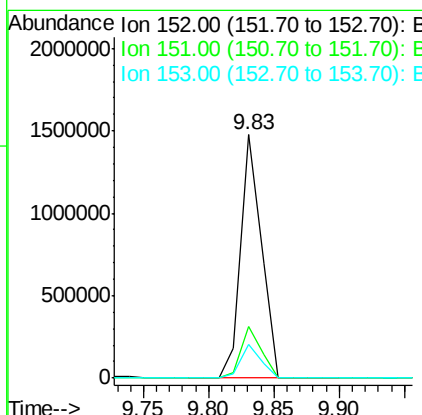
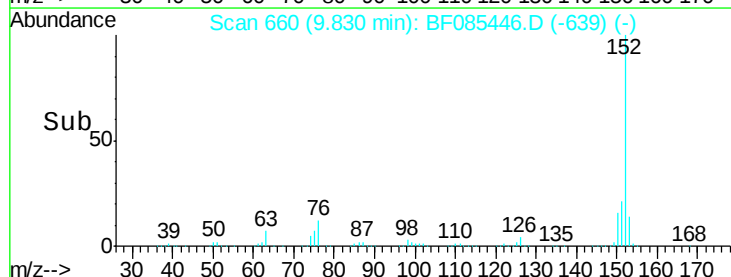
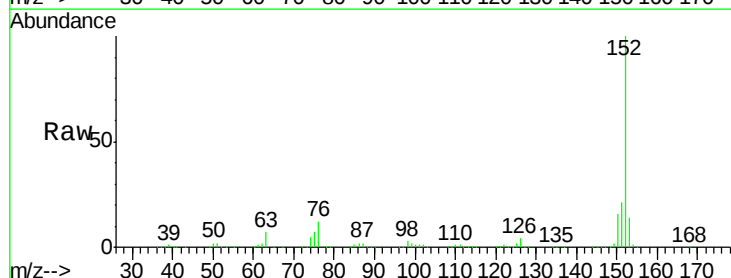
Manual Integrations
APPROVED

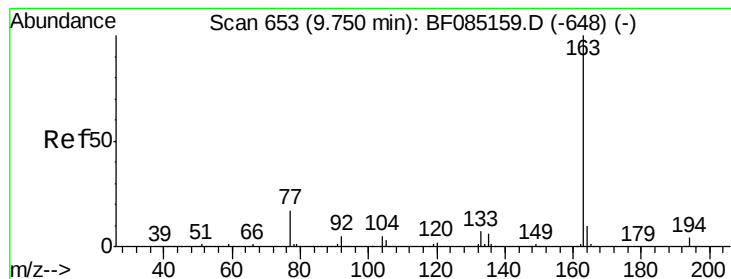
Sohil
3/15/2016 2:09:31 PM



#48
Acenaphthylene
Concen: 37.03 ng
RT: 9.83 min Scan# 660
Delta R.T. -0.06 min
Lab File: BF085446.D
Acq: 15 Mar 2016 00:41

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.5	26.3
153	14.0	11.3	16.9





#49

Dimethylphthalate

Concen: 40.64 ng

RT: 9.69 min Scan# 648

Delta R.T. -0.06 min

Lab File: BF085446.D

Acq: 15 Mar 2016 00:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:163 Resp: 1343750

Ion Ratio Lower Upper

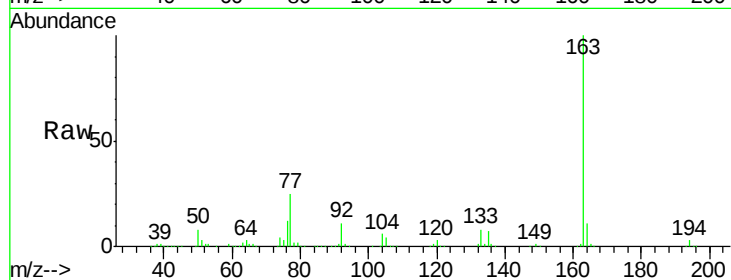
163 100

194 3.4 3.1 4.7

164 11.0 8.2 12.4

Manual Integrations
APPROVED

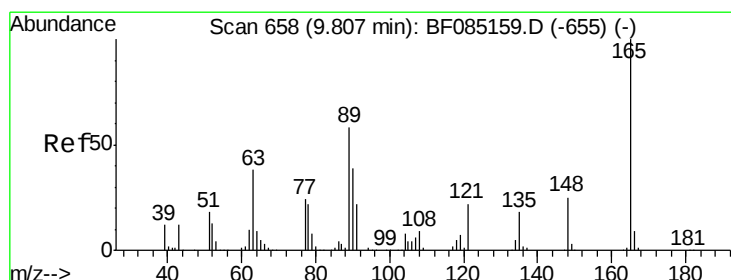
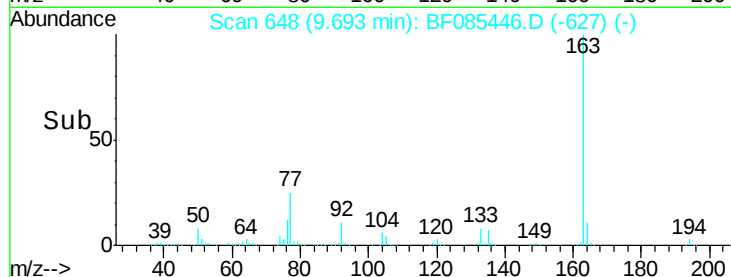
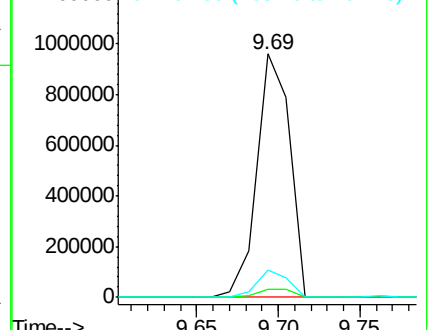
Sohil
3/15/2016 2:09:31 PM



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.78 ng

RT: 9.76 min Scan# 654

Delta R.T. -0.05 min

Lab File: BF085446.D

Acq: 15 Mar 2016 00:41

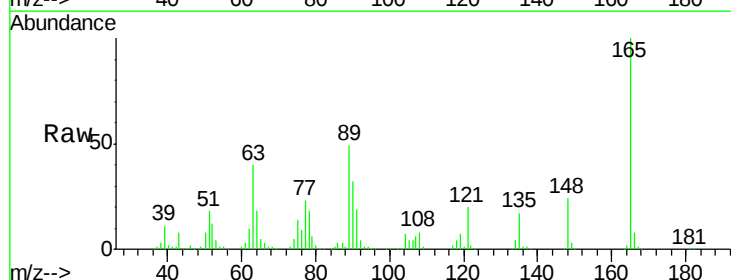
Tgt Ion:165 Resp: 338006

Ion Ratio Lower Upper

165 100

63 39.7 41.8 62.8#

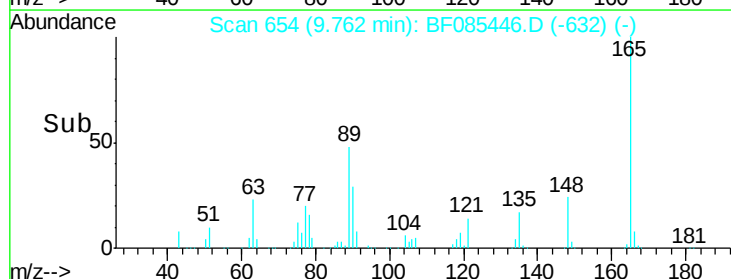
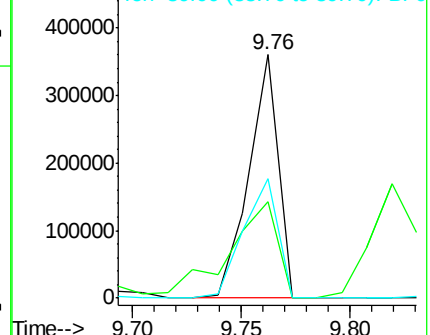
89 48.8 46.7 70.1



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.45 ng

RT: 10.00 min Scan# 675

Delta R.T. -0.06 min

Lab File: BF085446.D

Acq: 15 Mar 2016 00:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:154 Resp: 1072412

Ion Ratio Lower Upper

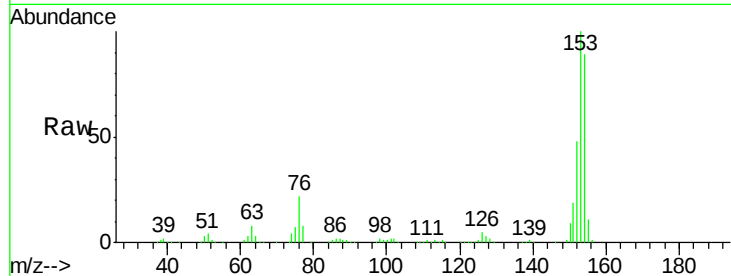
154 100

153 112.4 89.8 134.8

152 54.5 44.6 66.8

Manual Integrations
APPROVED

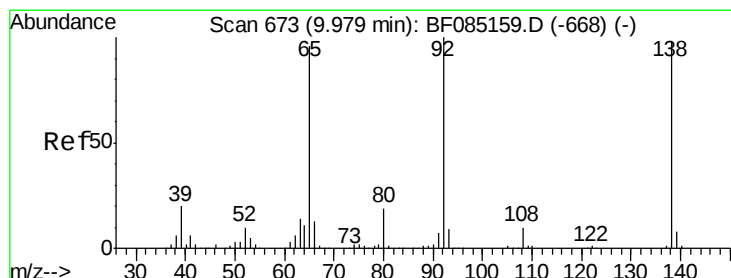
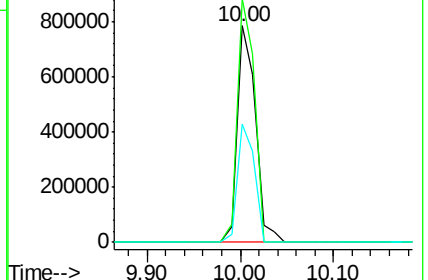
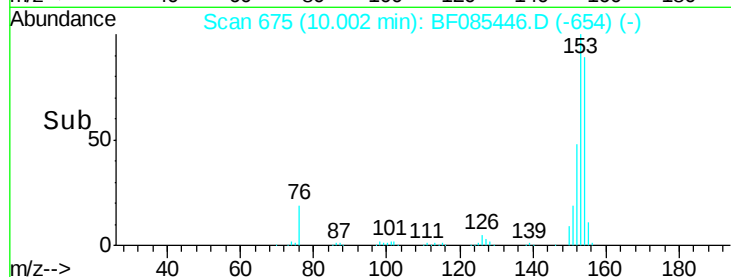
Sohil
3/15/2016 2:09:31 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 44.14 ng

RT: 9.93 min Scan# 669

Delta R.T. -0.05 min

Lab File: BF085446.D

Acq: 15 Mar 2016 00:41

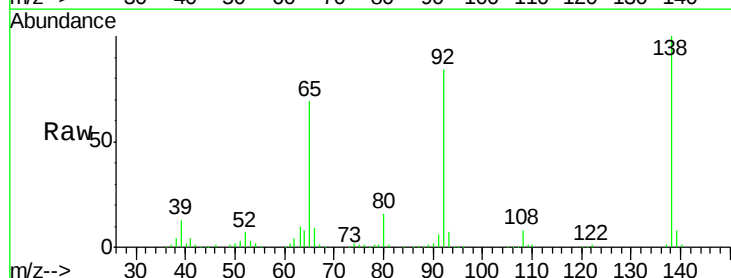
Tgt Ion:138 Resp: 373601

Ion Ratio Lower Upper

138 100

108 8.3 7.8 11.6

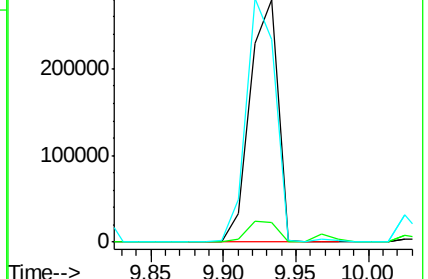
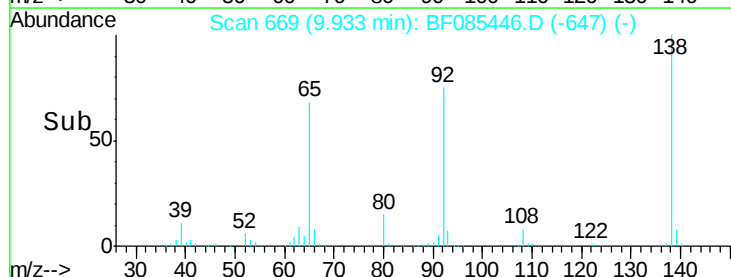
92 83.8 81.3 121.9

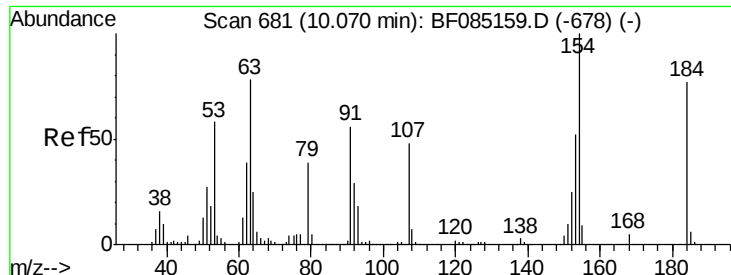


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





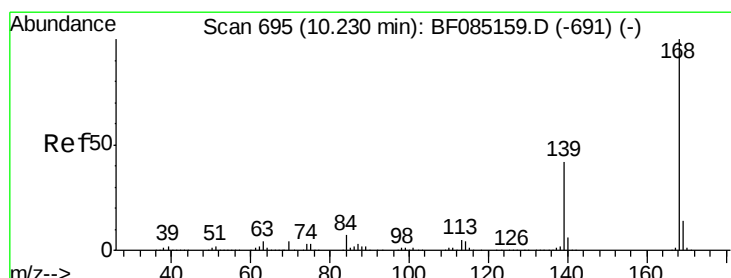
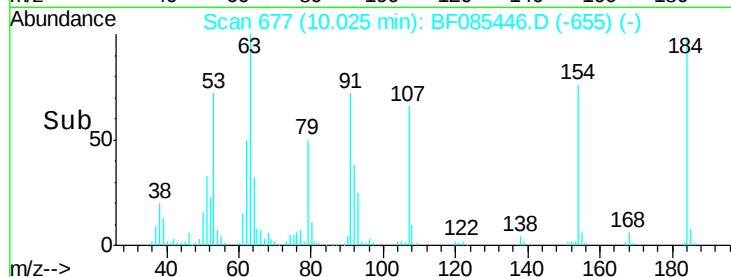
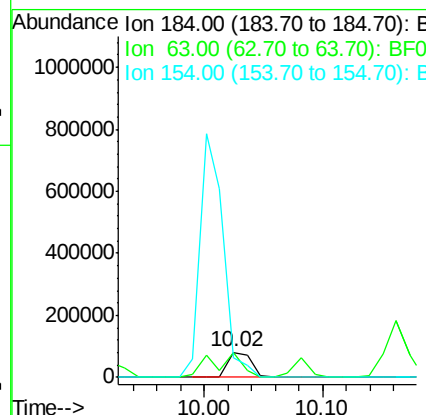
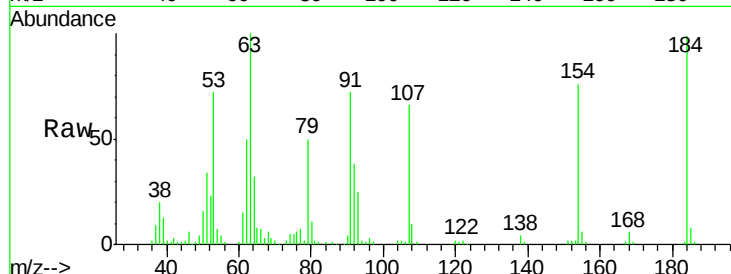
#53
 2,4-Dinitrophenol
 Concen: 36.02 ng
 RT: 10.02 min Scan# 677
 Delta R.T. -0.05 min
 Lab File: BF085446.D
 Acq: 15 Mar 2016 00:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	111713		
63	100.9	82.2	123.4	
154	76.7	108.9	163.3#	

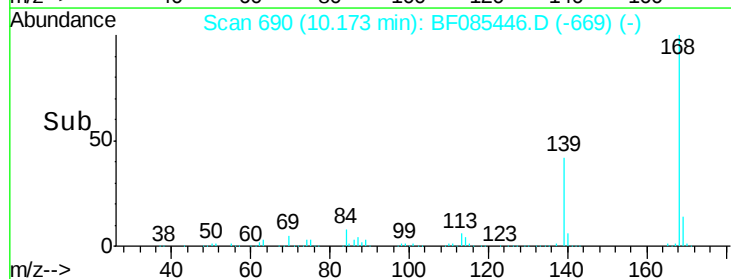
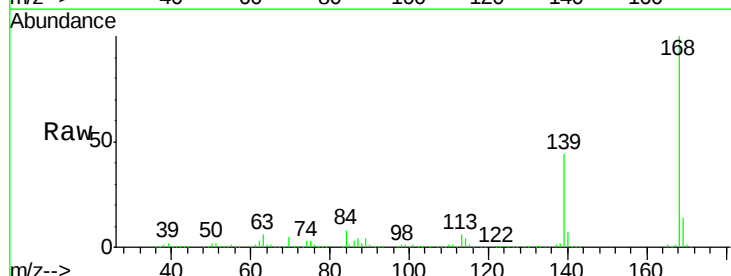
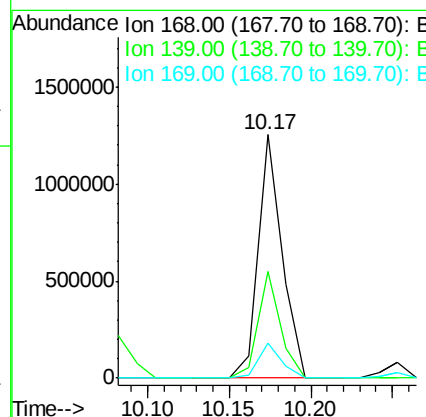
Manual Integrations
 APPROVED

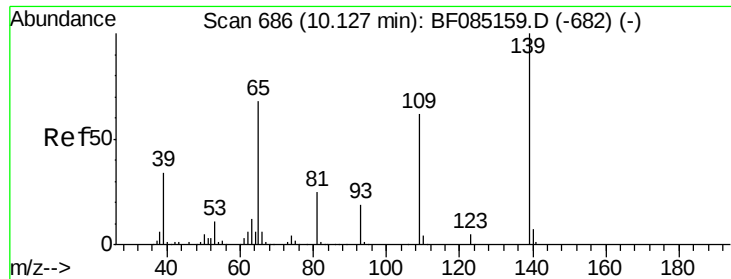
Sohil
 3/15/2016 2:09:31 PM



#54
 Dibenzofuran
 Concen: 36.53 ng
 RT: 10.17 min Scan# 690
 Delta R.T. -0.06 min
 Lab File: BF085446.D
 Acq: 15 Mar 2016 00:41

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1269064		
139	44.0	33.6	50.4	
169	14.2	11.2	16.8	





#55

4-Nitrophenol

Concen: 34.71 ng

RT: 10.08 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF085446.D

Acq: 15 Mar 2016 00:41

Instrument :

BNA_F

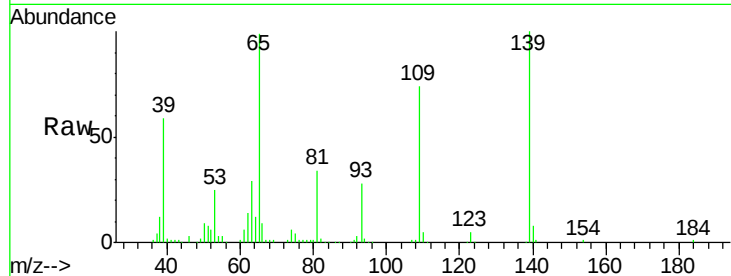
ClientSampleId :

SSTDCCC040

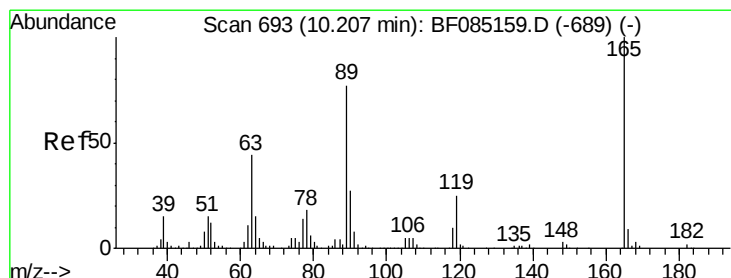
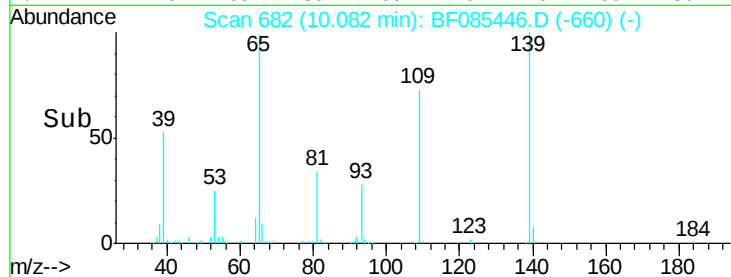
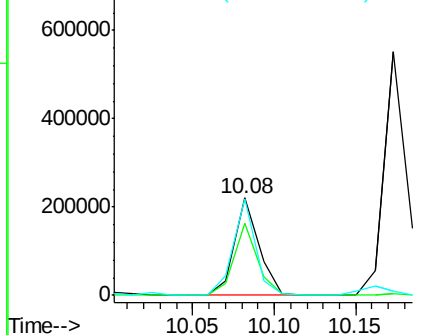
Tgt Ion:	139	Resp:	230843
Ion Ratio	Lower	Upper	
139	100		
109	74.2	41.9	81.9
65	99.2	48.3	88.3#

Manual Integrations
APPROVED

Sohil
3/15/2016 2:09:31 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: 43.21 ng

RT: 10.16 min Scan# 689

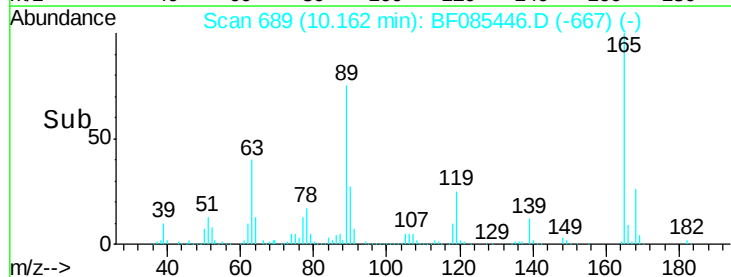
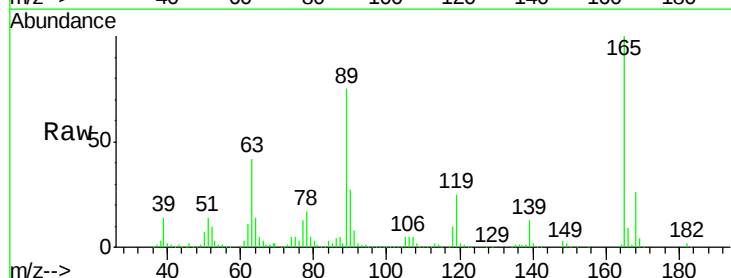
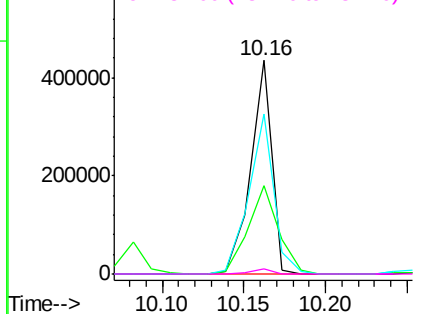
Delta R.T. -0.05 min

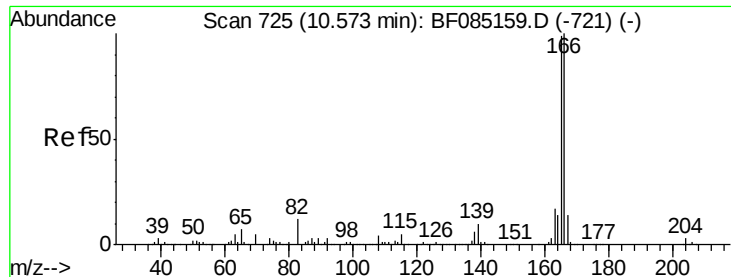
Lab File: BF085446.D

Acq: 15 Mar 2016 00:41

Tgt Ion:	165	Resp:	391230
Ion Ratio	Lower	Upper	
165	100		
63	41.6	35.4	53.0
89	74.8	61.9	92.9
182	2.4	1.9	2.9

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: 36.98 ng

RT: 10.52 min Scan# 720

Delta R.T. -0.06 min

Lab File: BF085446.D

Acq: 15 Mar 2016 00:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:166 Resp: 1008901

Ion Ratio Lower Upper

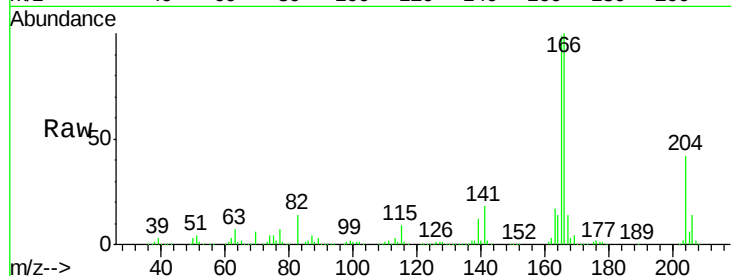
166 100

165 99.3 79.4 119.0

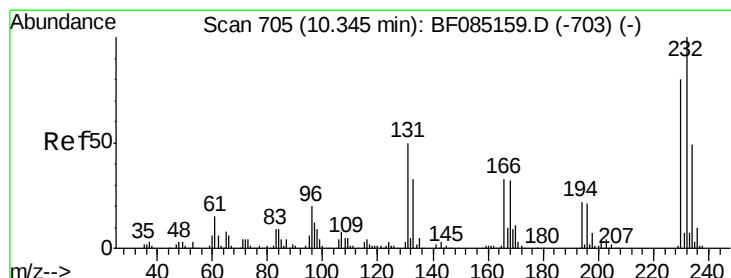
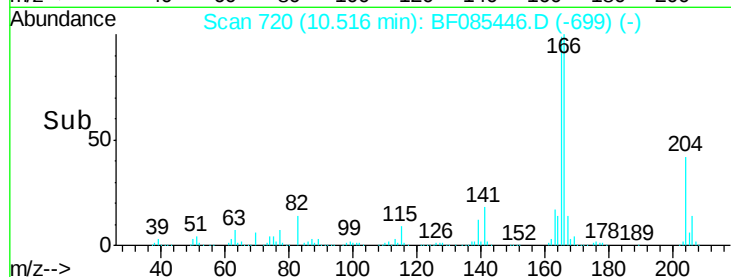
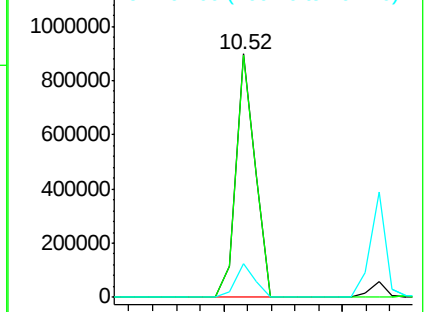
167 14.0 11.0 16.6

Manual Integrations
APPROVED

Sohil
3/15/2016 2:09:31 PM



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.65 ng

RT: 10.30 min Scan# 701

Delta R.T. -0.05 min

Lab File: BF085446.D

Acq: 15 Mar 2016 00:41

Tgt Ion:232 Resp: 266690

Ion Ratio Lower Upper

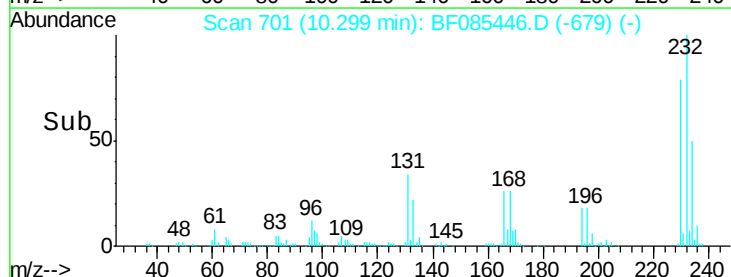
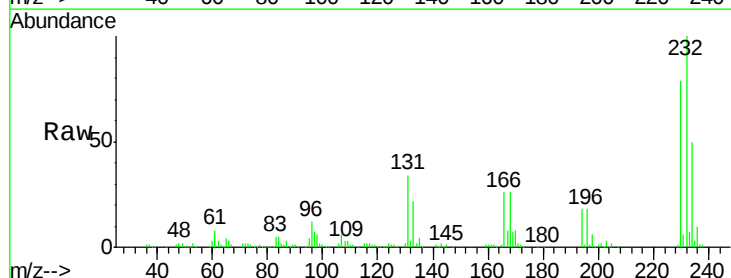
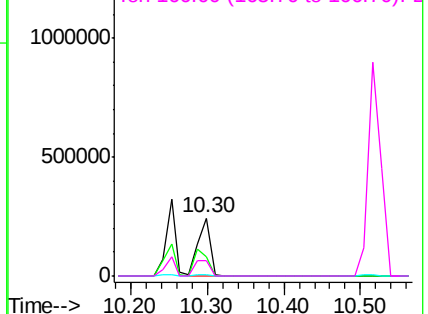
232 100

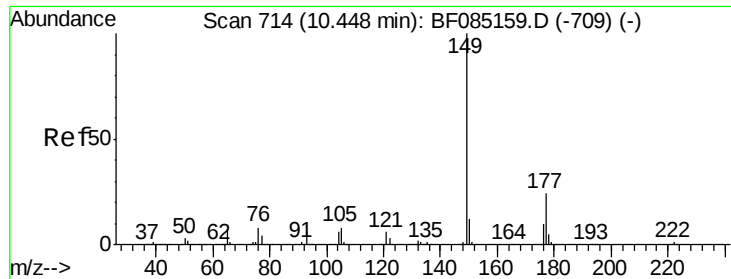
131 51.1 46.0 69.0

130 2.4 2.2 3.4

166 32.8 28.8 43.2

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





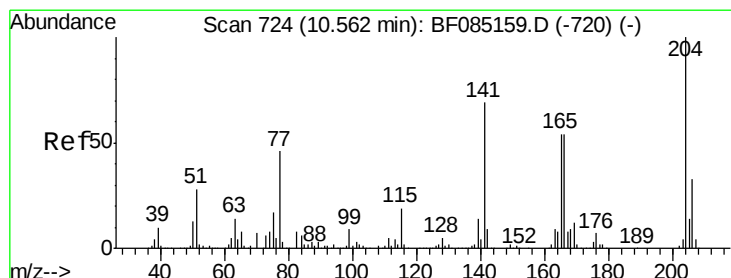
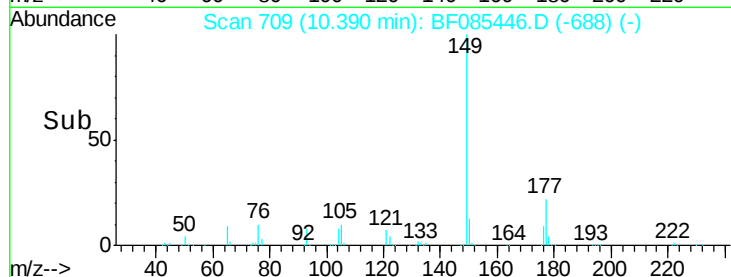
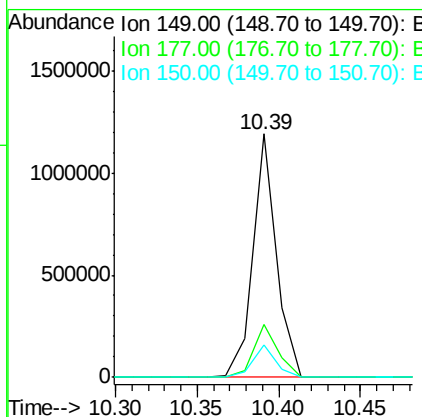
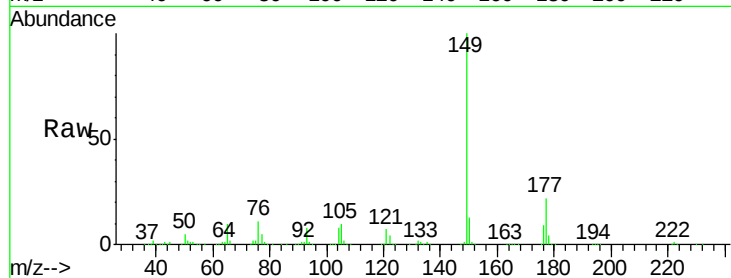
#59
Diethylphthalate
Concen: 36.90 ng
RT: 10.39 min Scan# 709
Delta R.T. -0.06 min
Lab File: BF085446.D
Acq: 15 Mar 2016 00:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 1183967
Ion Ratio Lower Upper
149 100
177 21.8 19.2 28.8
150 13.3 9.9 14.9

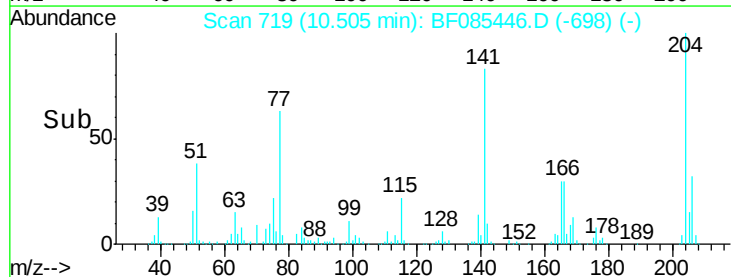
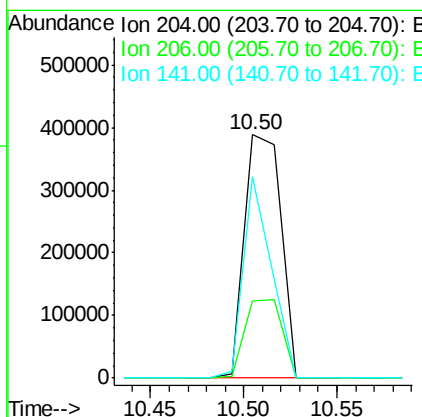
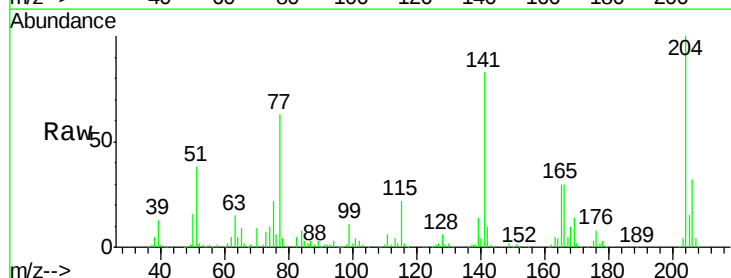
Manual Integrations
APPROVED

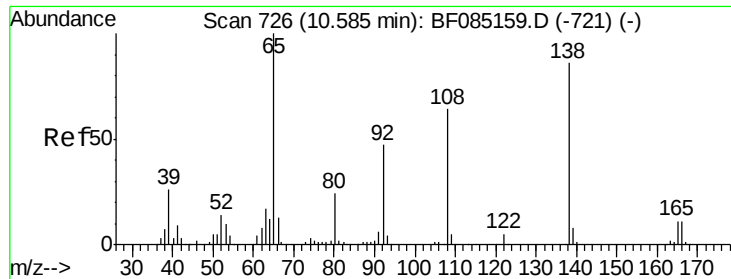
Sohil
3/15/2016 2:09:31 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.78 ng
RT: 10.50 min Scan# 719
Delta R.T. -0.06 min
Lab File: BF085446.D
Acq: 15 Mar 2016 00:41

Tgt Ion:204 Resp: 528081
Ion Ratio Lower Upper
204 100
206 31.9 26.5 39.7
141 82.7 55.4 83.2





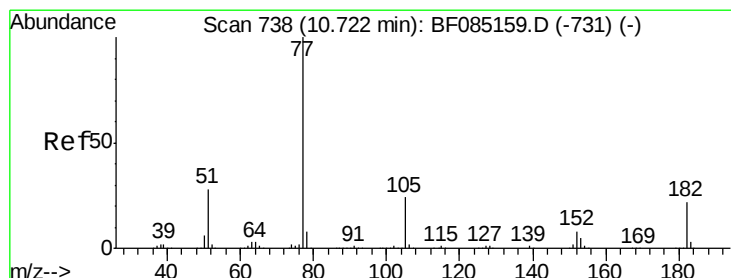
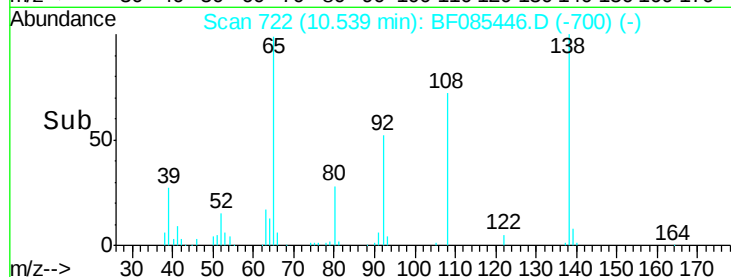
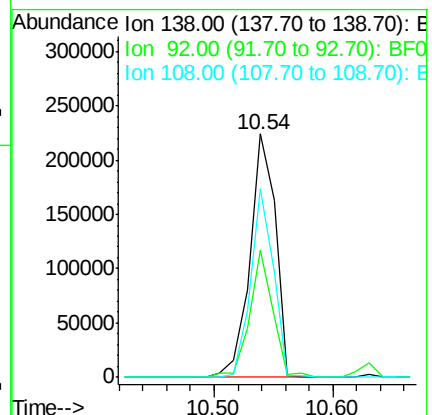
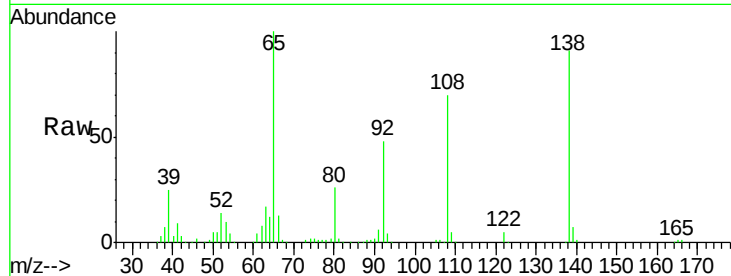
#61
4-Nitroaniline
Concen: 42.50 ng
RT: 10.54 min Scan# 722
Delta R.T. -0.05 min
Lab File: BF085446.D
Acq: 15 Mar 2016 00:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	336440		
92	52.3	34.2	74.2	
108	77.4	53.9	93.9	

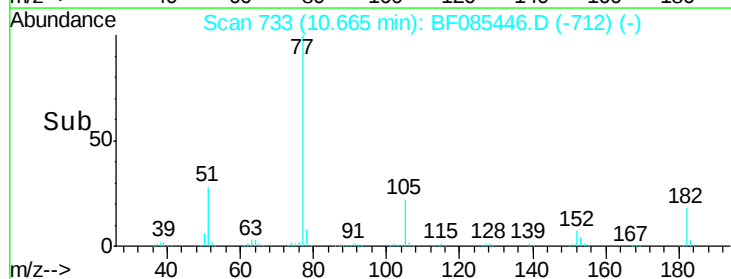
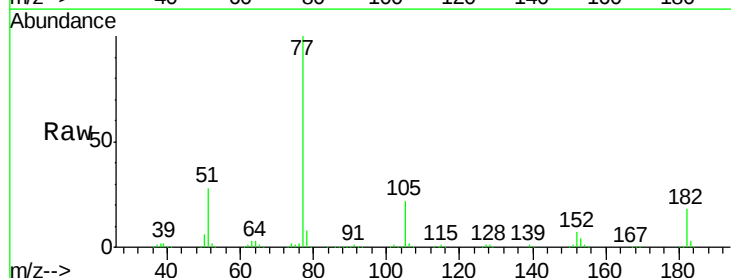
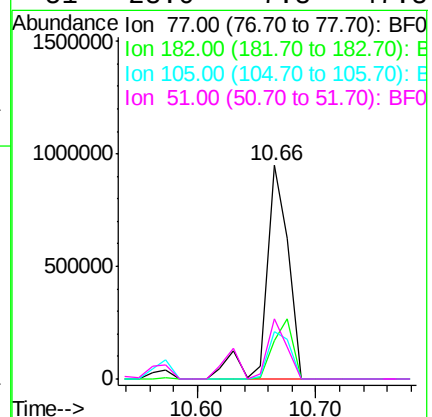
Manual Integrations
APPROVED

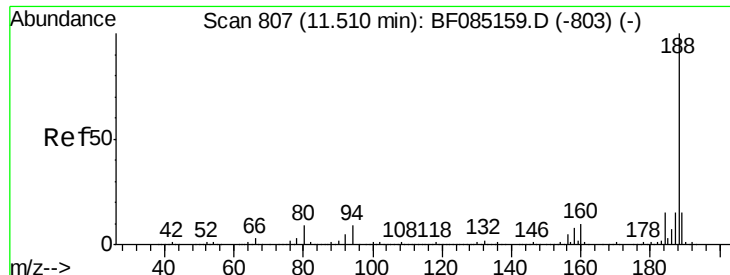
Sohil
3/15/2016 2:09:31 PM



#62
Azobenzene
Concen: 39.18 ng
RT: 10.66 min Scan# 733
Delta R.T. -0.06 min
Lab File: BF085446.D
Acq: 15 Mar 2016 00:41

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1238776		
182	17.9	2.1	42.1	
105	22.2	3.8	43.8	
51	28.0	7.8	47.8	





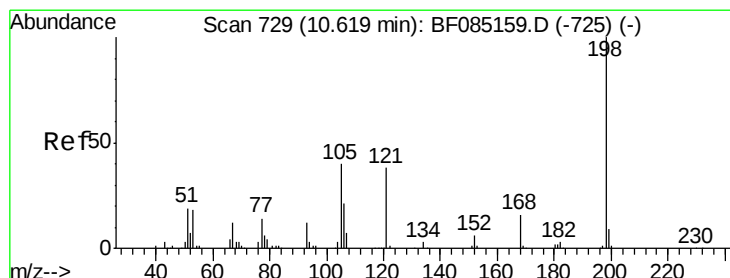
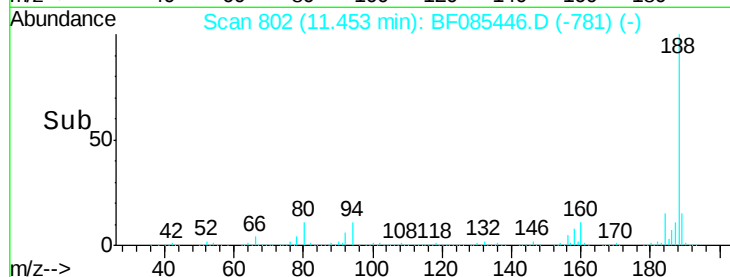
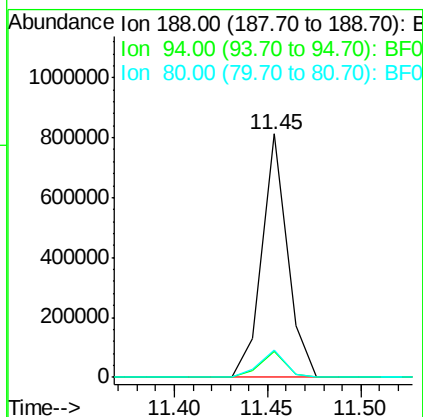
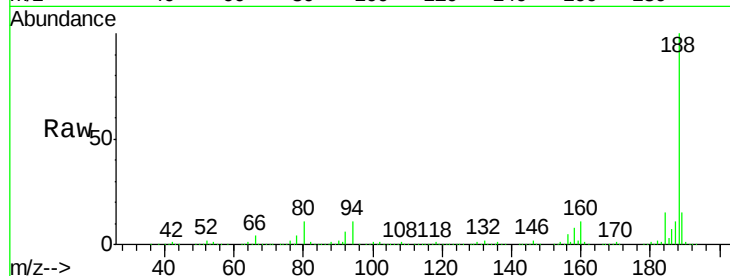
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 802
Delta R.T. -0.06 min
Lab File: BF085446.D
Acq: 15 Mar 2016 00:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.5	7.0	10.6
80	11.1	7.4	11.0

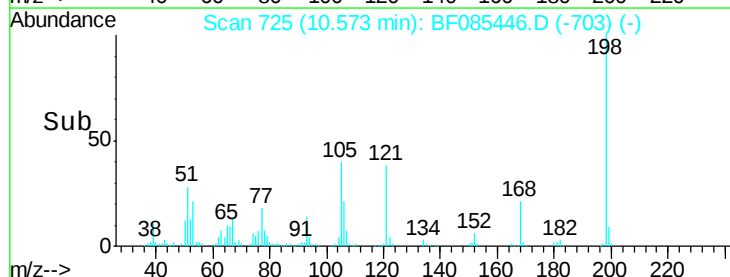
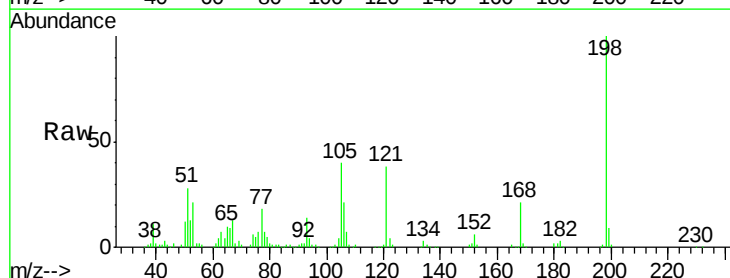
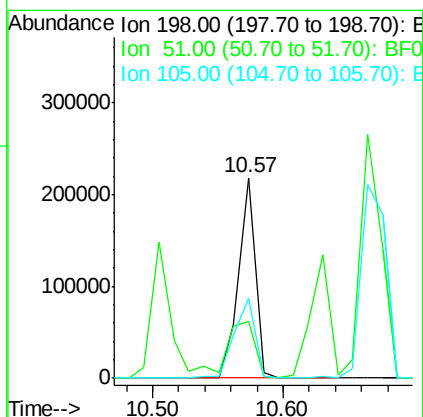
Manual Integrations
APPROVED

Sohil
3/15/2016 2:09:31 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 42.47 ng
RT: 10.57 min Scan# 725
Delta R.T. -0.04 min
Lab File: BF085446.D
Acq: 15 Mar 2016 00:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	28.0	9.5	49.5
105	39.9	20.5	60.5





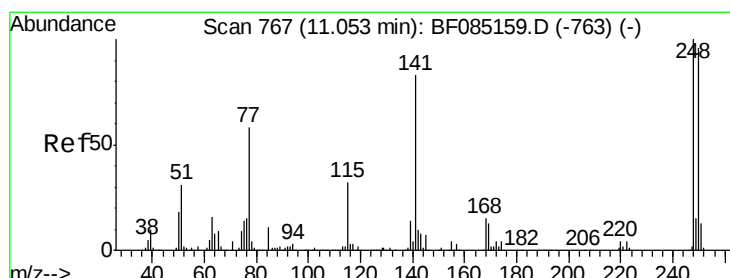
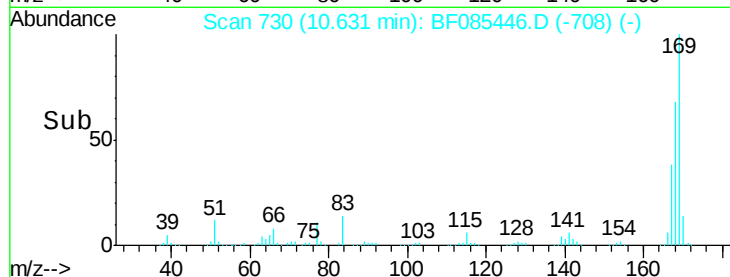
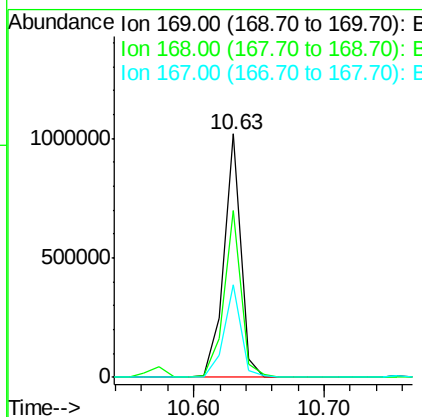
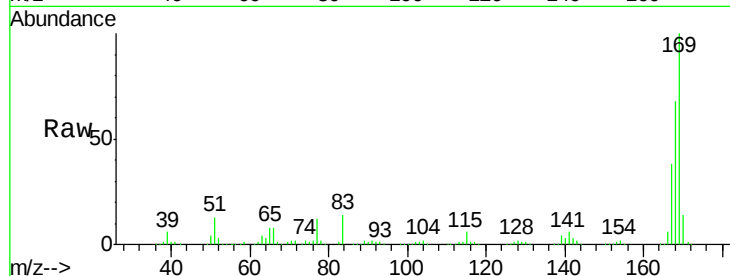
#65
 n-Nitrosodiphenylamine
 Concen: 38.99 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.05 min
 Lab File: BF085446.D
 Acq: 15 Mar 2016 00:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	930694		
168	68.4	54.8	82.2	
167	38.2	30.3	45.5	

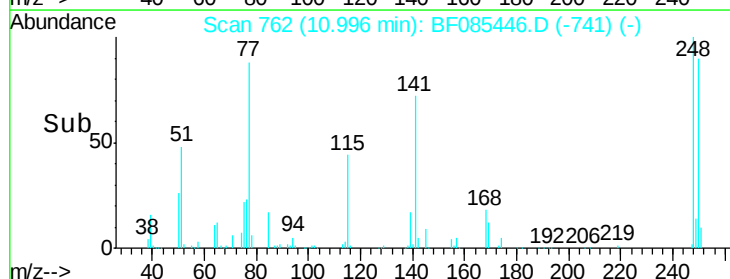
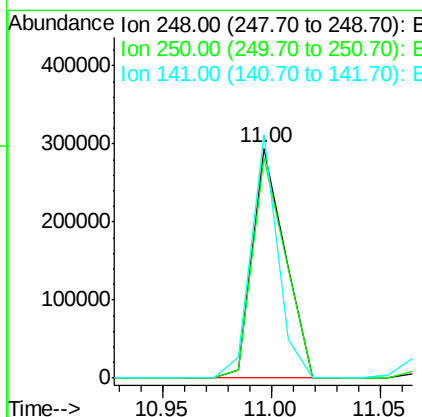
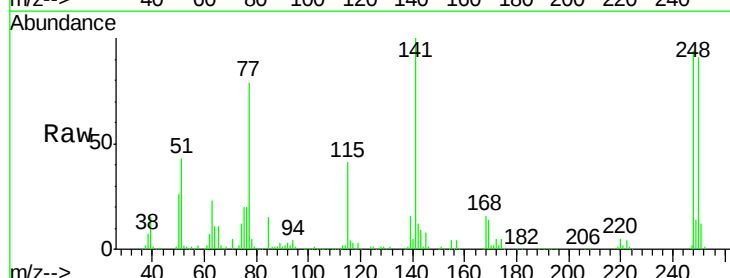
Manual Integrations
 APPROVED

Sohil
 3/15/2016 2:09:31 PM



#66
 4-Bromophenyl-phenylether
 Concen: 41.22 ng
 RT: 11.00 min Scan# 762
 Delta R.T. -0.06 min
 Lab File: BF085446.D
 Acq: 15 Mar 2016 00:41

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	307139		
250	96.1	77.1	115.7	
141	106.0	66.2	99.2#	





#67

Hexachlorobenzene

Concen: 39.44 ng

RT: 11.06 min Scan# 768

Delta R.T. -0.06 min

Lab File: BF085446.D

Acq: 15 Mar 2016 00:41

Instrument :

BNA_F

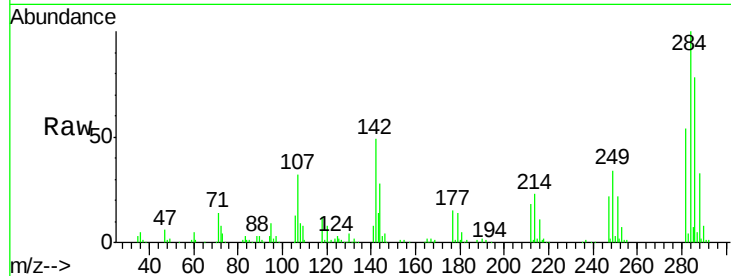
ClientSampleId :

SSTDCCC040

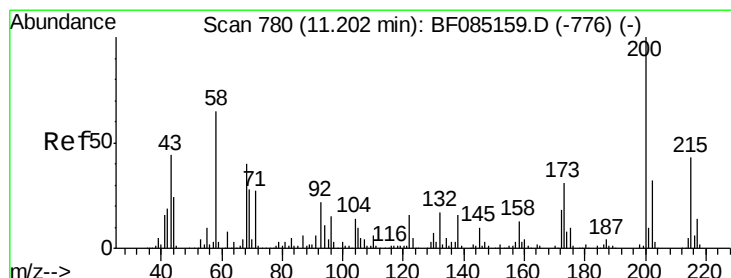
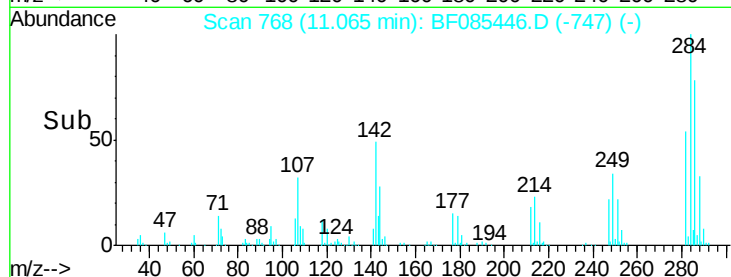
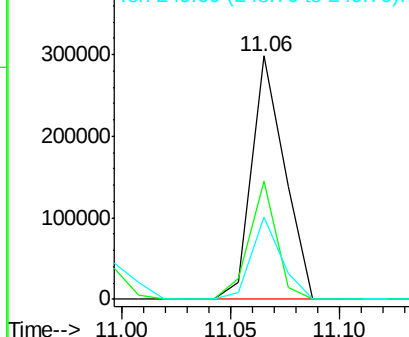
Tgt Ion:	284	Resp:	313575
Ion Ratio	Lower	Upper	
284	100		
142	48.6	24.9	37.3#
249	33.9	25.0	37.4

Manual Integrations
APPROVED

Sohil
3/15/2016 2:09:31 PM



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



#68

Atrazine

Concen: 41.85 ng

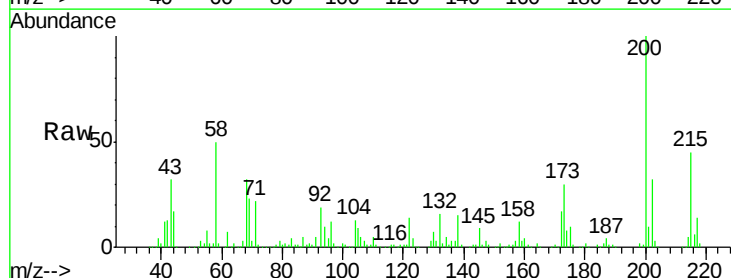
RT: 11.16 min Scan# 776

Delta R.T. -0.05 min

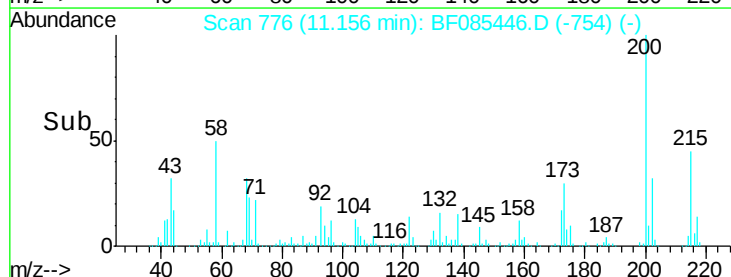
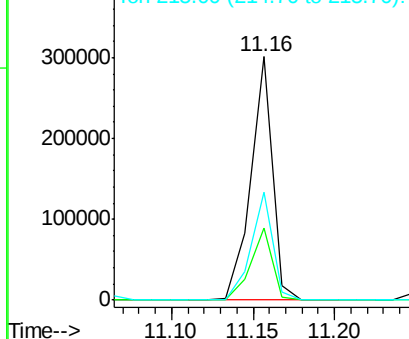
Lab File: BF085446.D

Acq: 15 Mar 2016 00:41

Tgt Ion:	200	Resp:	277808
Ion Ratio	Lower	Upper	
200	100		
173	29.8	10.5	50.5
215	44.6	23.4	63.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





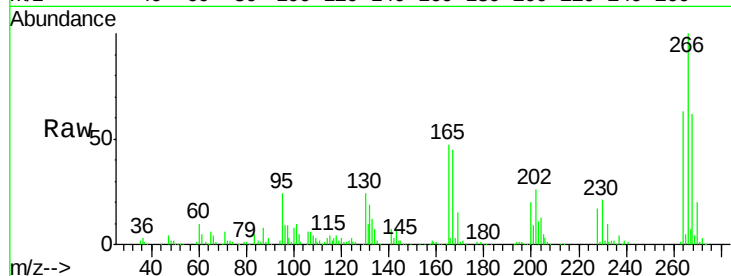
#69
 Pentachlorophenol
 Concen: 45.41 ng
 RT: 11.26 min Scan# 785
 Delta R.T. -0.05 min
 Lab File: BF085446.D
 Acq: 15 Mar 2016 00:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

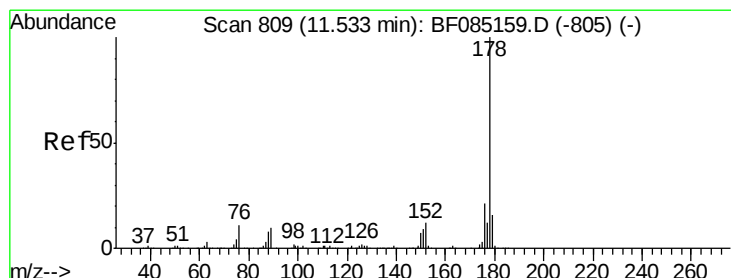
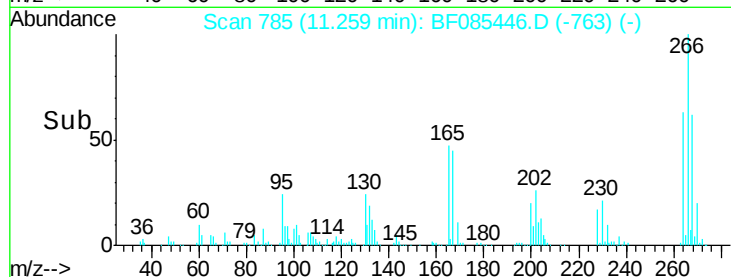
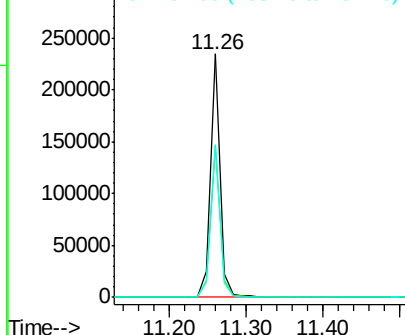
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	200365		
268	62.4	50.0	75.0	
264	62.8	51.4	77.2	

Manual Integrations
 APPROVED

Sohil
 3/15/2016 2:09:31 PM

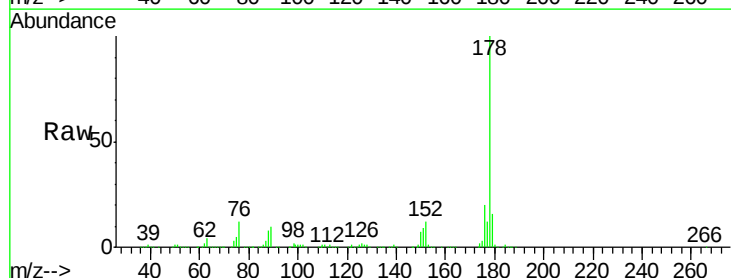


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

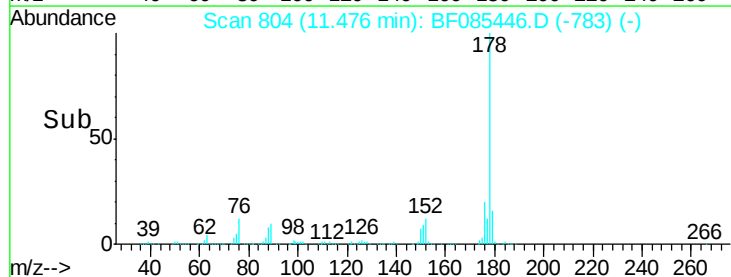
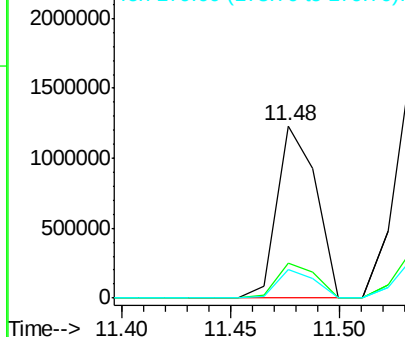


#70
 Phenanthrene
 Concen: 38.48 ng
 RT: 11.48 min Scan# 804
 Delta R.T. -0.06 min
 Lab File: BF085446.D
 Acq: 15 Mar 2016 00:41

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1547658		
176	20.5	16.8	25.2	
179	16.4	13.1	19.7	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





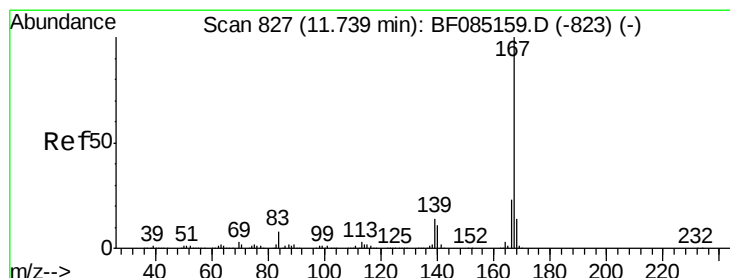
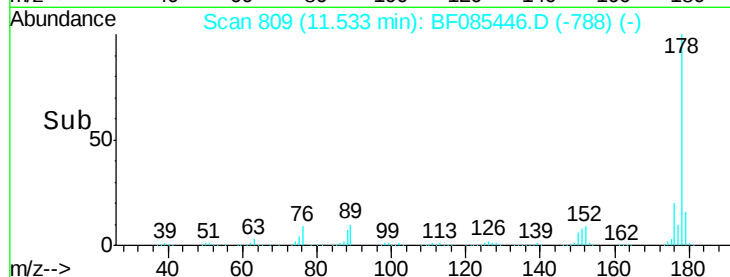
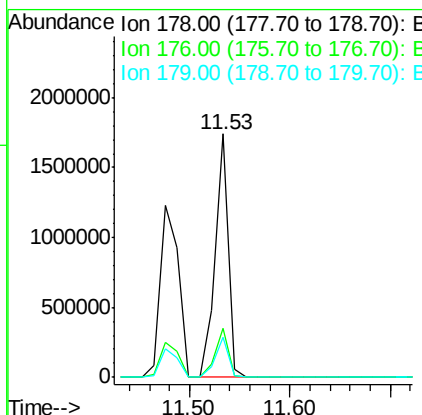
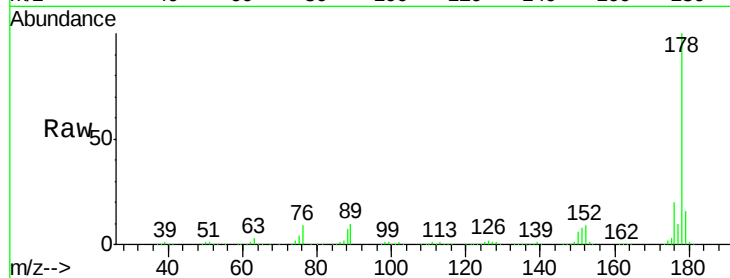
#71
 Anthracene
 Concen: 36.80 ng
 RT: 11.53 min Scan# 809
 Delta R.T. -0.06 min
 Lab File: BF085446.D
 Acq: 15 Mar 2016 00:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 1571408
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.9 23.9
 179 16.3 12.5 18.7

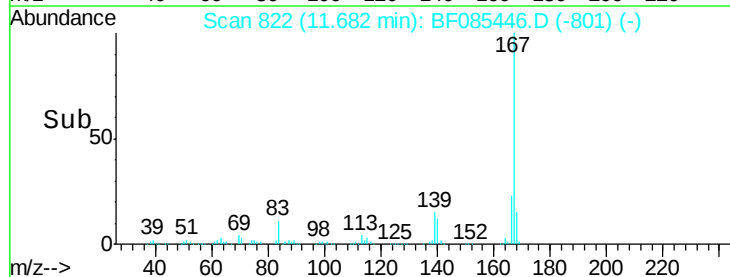
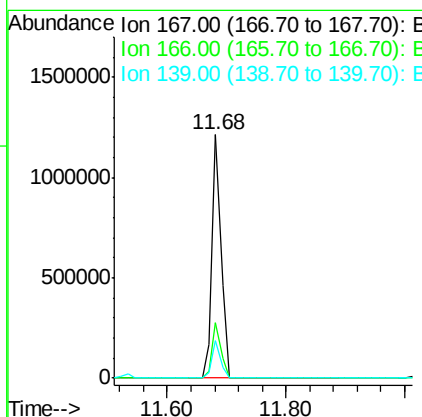
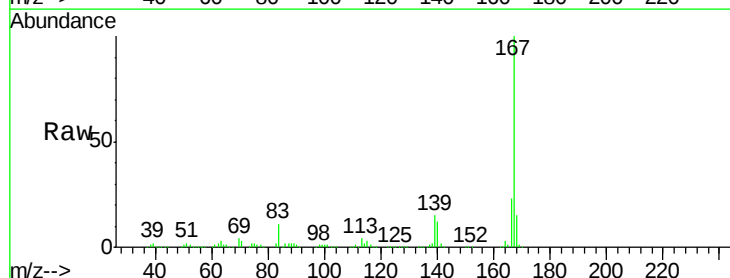
Manual Integrations
 APPROVED

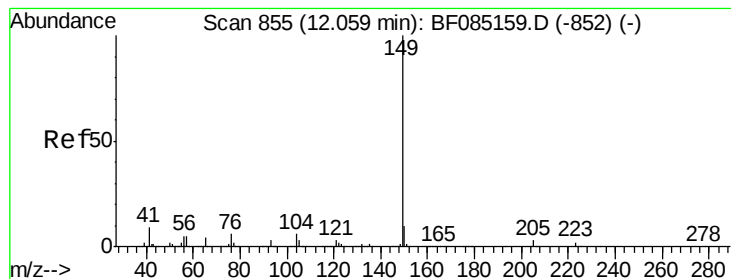
Sohil
 3/15/2016 2:09:31 PM



#72
 Carbazole
 Concen: 34.04 ng
 RT: 11.68 min Scan# 822
 Delta R.T. -0.06 min
 Lab File: BF085446.D
 Acq: 15 Mar 2016 00:41

Tgt Ion:167 Resp: 1274494
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.2
 139 15.3 11.4 17.0





#73

Di-n-butylphthalate

Concen: 37.86 ng

RT: 12.01 min Scan# 851

Delta R.T. -0.05 min

Lab File: BF085446.D

Acq: 15 Mar 2016 00:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 1791779

Ion Ratio Lower Upper

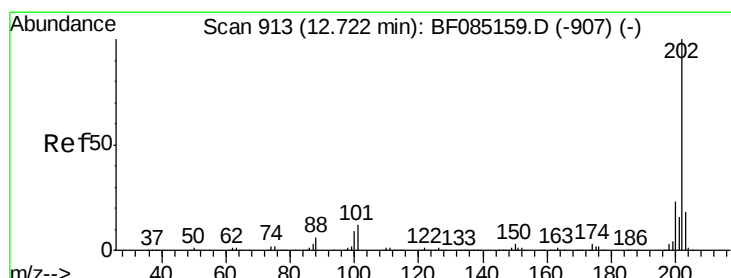
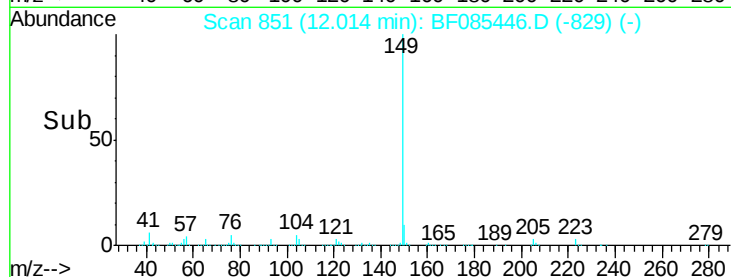
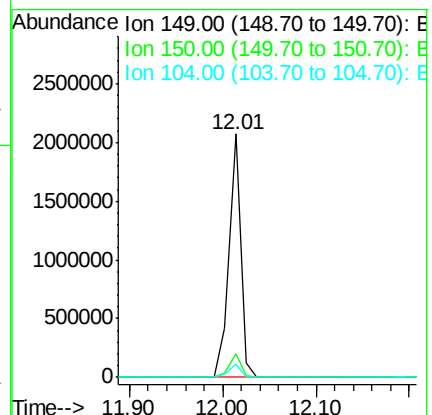
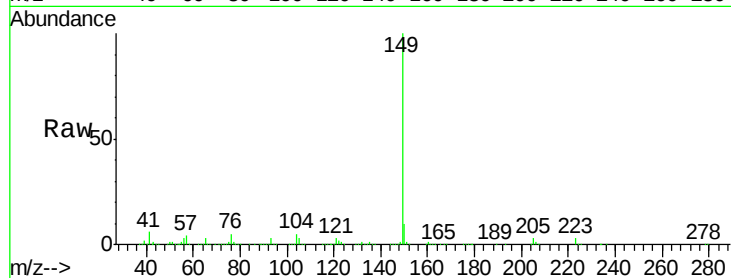
149 100

150 9.9 7.8 11.6

104 5.2 4.7 7.1

Manual Integrations
APPROVED

Sohil
3/15/2016 2:09:31 PM



#74

Fluoranthene

Concen: 32.12 ng

RT: 12.66 min Scan# 908

Delta R.T. -0.06 min

Lab File: BF085446.D

Acq: 15 Mar 2016 00:41

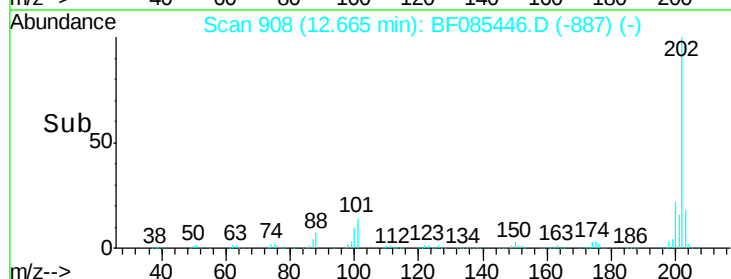
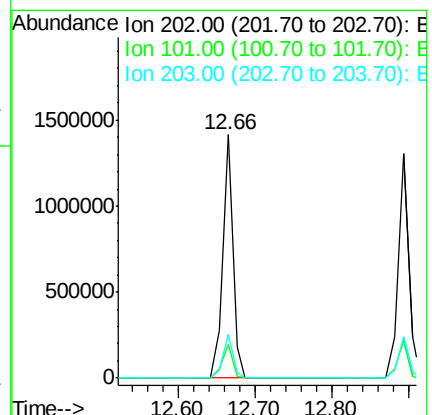
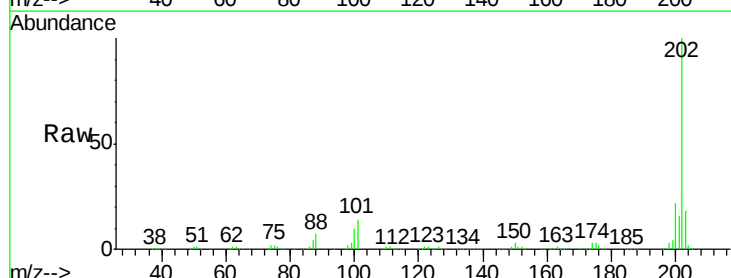
Tgt Ion:202 Resp: 1296572

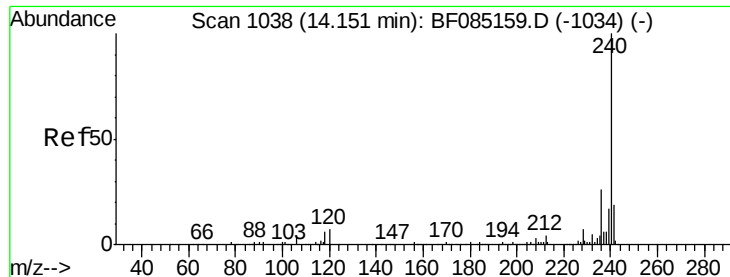
Ion Ratio Lower Upper

202 100

101 14.0 0.0 31.8

203 18.2 0.0 38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 1033

Delta R.T. -0.06 min

Lab File: BF085446.D

Acq: 15 Mar 2016 00:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:240 Resp: 448310
Ion Ratio Lower Upper

240 100

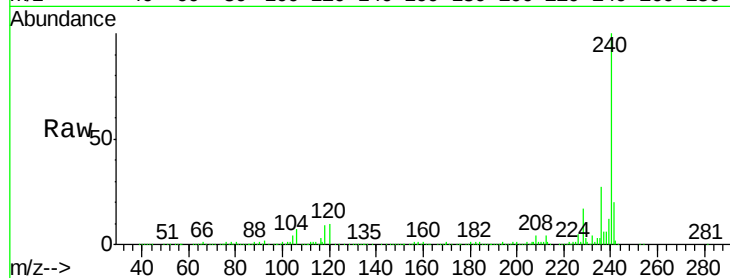
120 10.3 5.3 7.9#

236 27.2 20.7 31.1

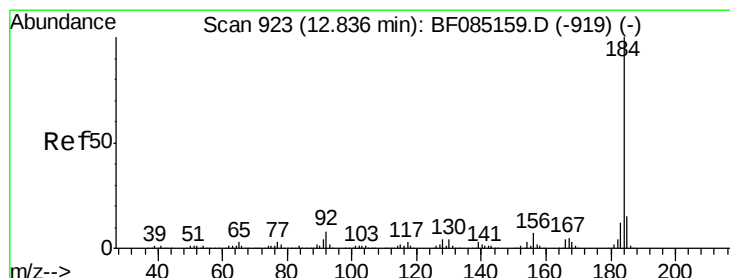
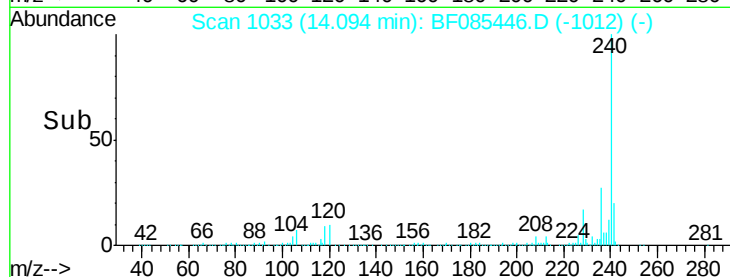
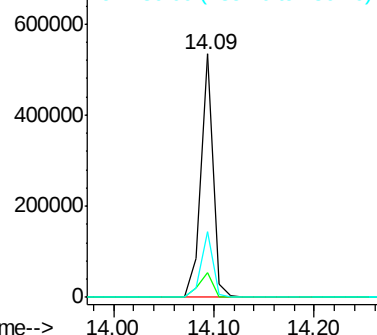
Manual Integrations
APPROVED

Sohil

3/15/2016 2:09:31 PM



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.20 ng

RT: 12.79 min Scan# 919

Delta R.T. -0.05 min

Lab File: BF085446.D

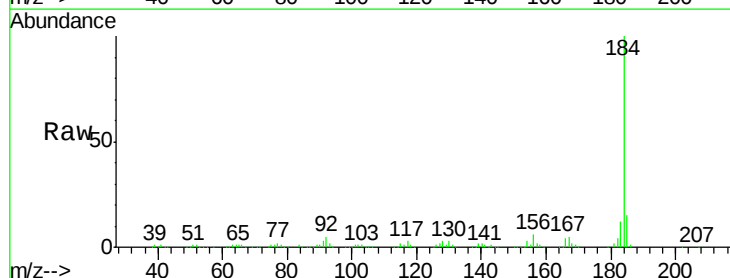
Acq: 15 Mar 2016 00:41

Tgt Ion:184 Resp: 469647
Ion Ratio Lower Upper

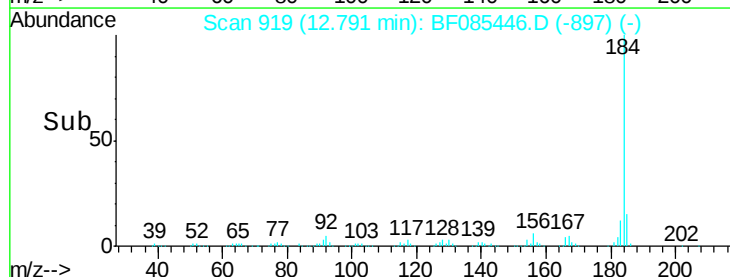
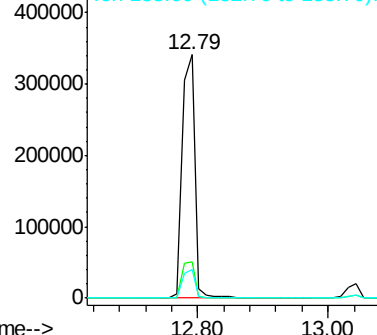
184 100

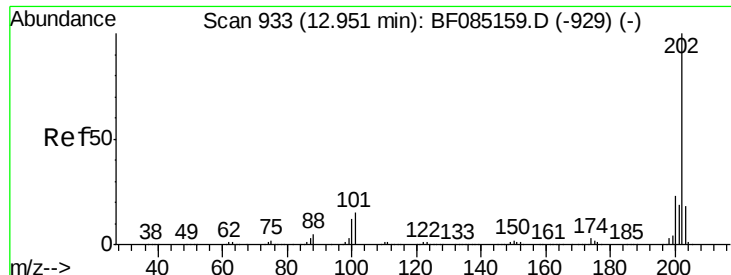
185 14.6 12.4 18.6

183 11.5 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





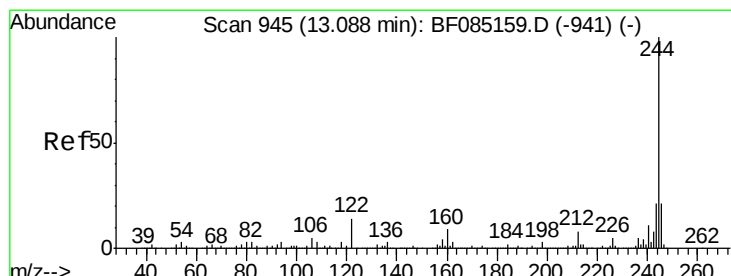
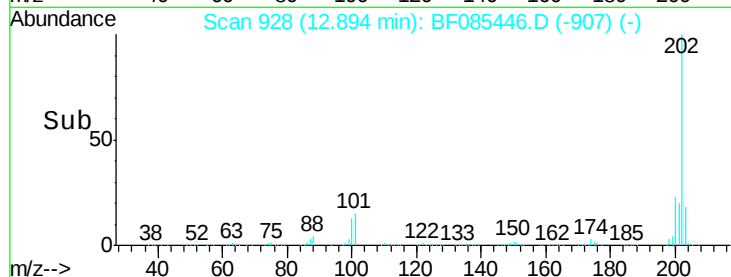
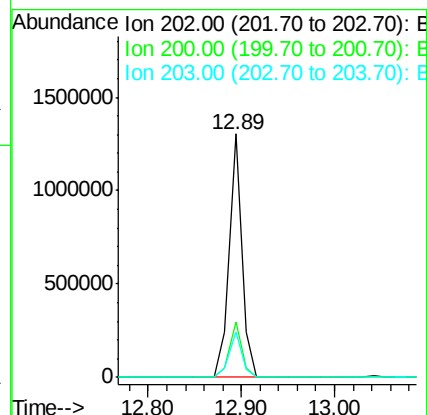
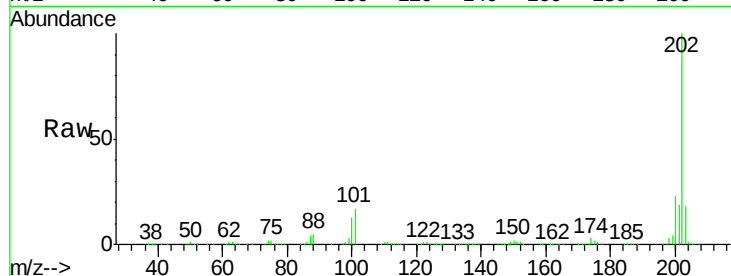
#77
Pyrene
 Concen: 36.66 ng
 RT: 12.89 min Scan# 928
 Delta R.T. -0.06 min
 Lab File: BF085446.D
 Acq: 15 Mar 2016 00:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.6	18.2	27.4
203	18.4	14.7	22.1

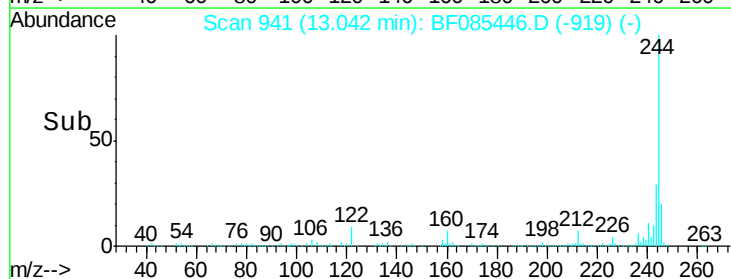
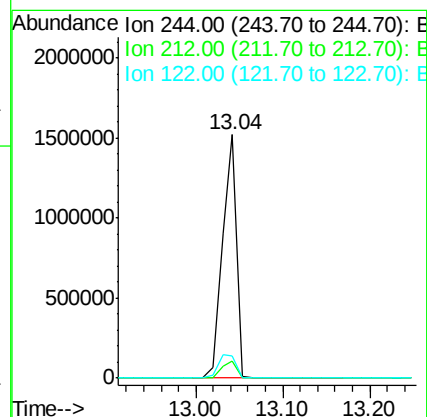
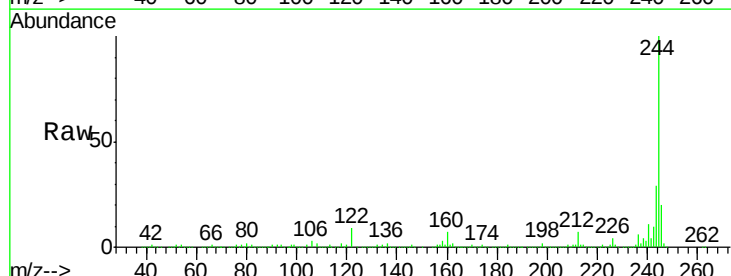
Manual Integrations
 APPROVED

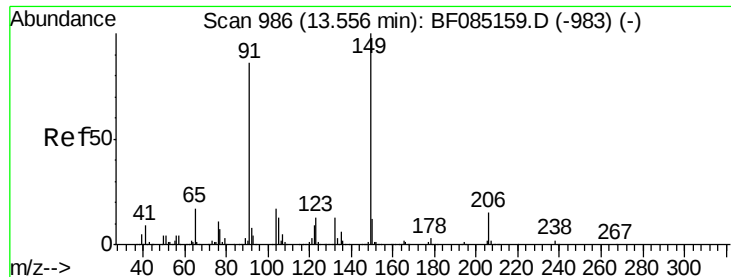
Sohil
 3/15/2016 2:09:31 PM



#78
Terphenyl-d14
 Concen: 89.47 ng
 RT: 13.04 min Scan# 941
 Delta R.T. -0.05 min
 Lab File: BF085446.D
 Acq: 15 Mar 2016 00:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.4	9.6
122	9.3	11.4	17.2





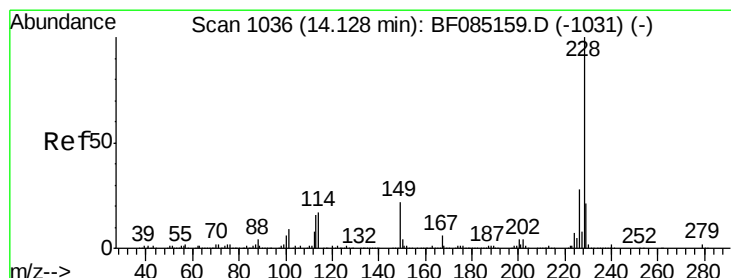
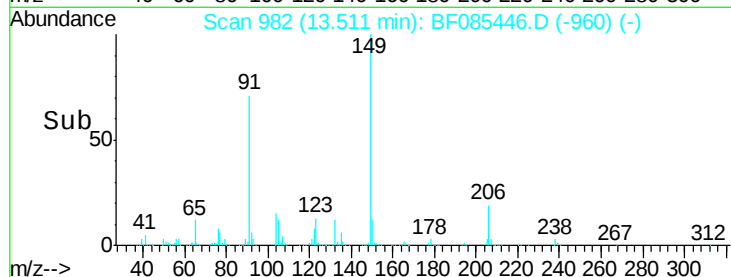
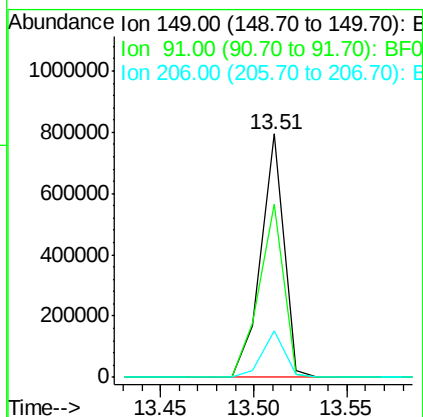
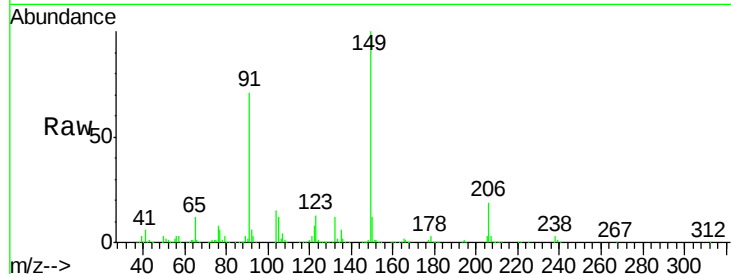
#79
Butylbenzylphthalate
Concen: 44.23 ng
RT: 13.51 min Scan# 982
Delta R.T. -0.05 min
Lab File: BF085446.D
Acq: 15 Mar 2016 00:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	677223		
91	71.2	69.0	103.4	
206	18.9	12.3	18.5#	

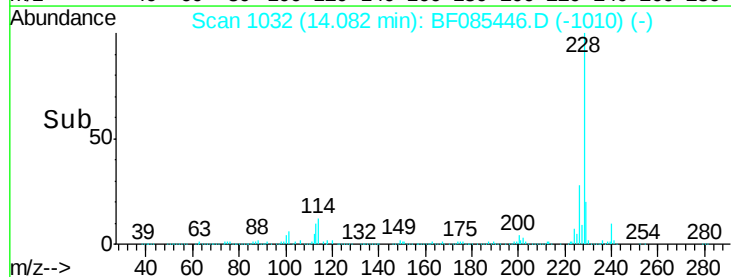
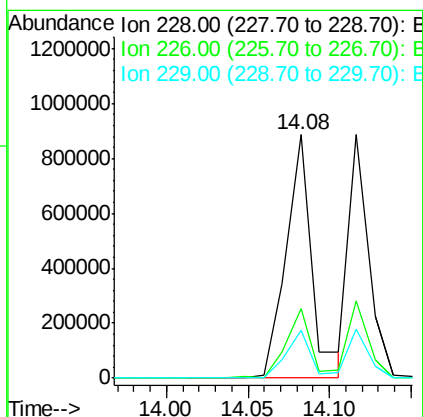
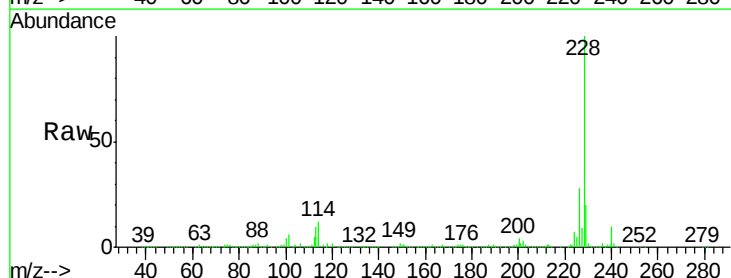
Manual Integrations
APPROVED

Sohil
3/15/2016 2:09:31 PM



#80
Benzo(a)anthracene
Concen: 36.48 ng
RT: 14.08 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF085446.D
Acq: 15 Mar 2016 00:41

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	979110		
226	28.3	22.8	34.2	
229	19.7	16.6	24.8	





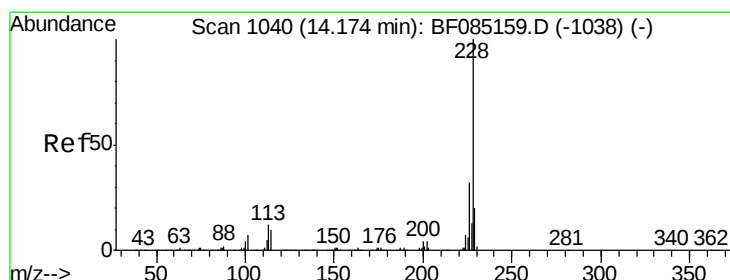
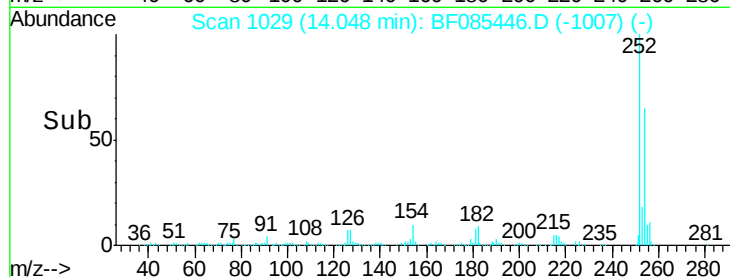
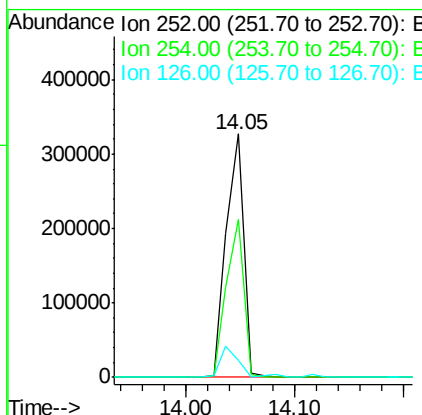
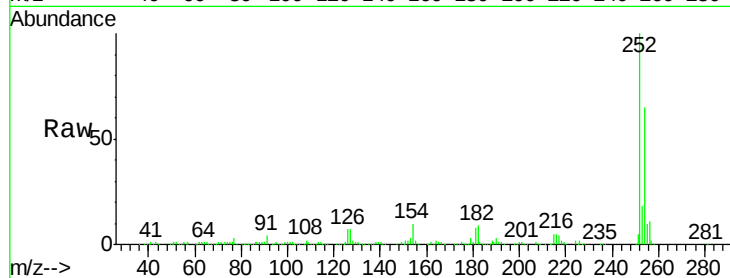
#81
 3,3'-Dichlorobenzidine
 Concen: 43.13 ng
 RT: 14.05 min Scan# 1029
 Delta R.T. -0.05 min
 Lab File: BF085446.D
 Acq: 15 Mar 2016 00:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	365165		
254	64.6	51.4	77.0	
126	7.3	12.9	19.3	

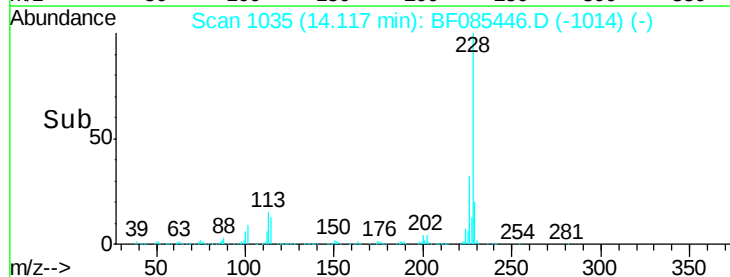
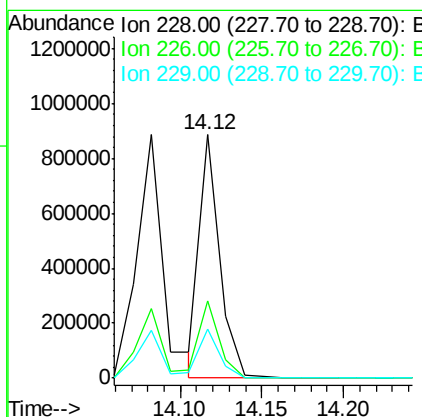
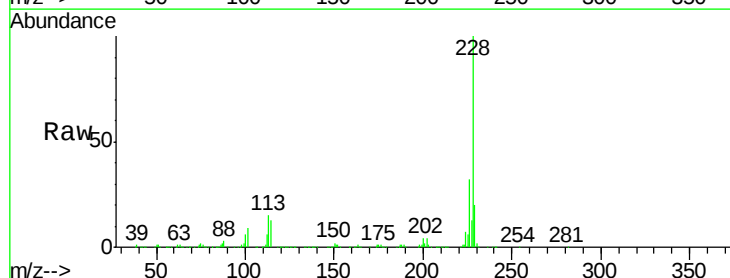
Manual Integrations
 APPROVED

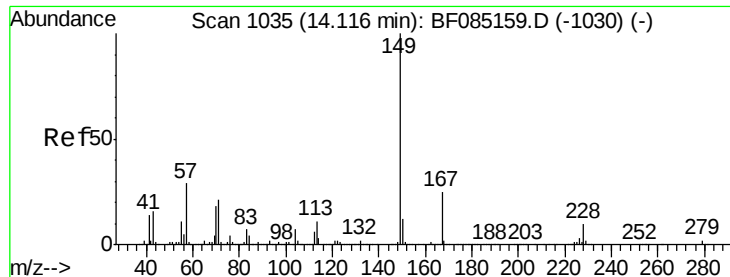
Sohil
 3/15/2016 2:09:31 PM



#82
 Chrysene
 Concen: 31.02 ng
 RT: 14.12 min Scan# 1035
 Delta R.T. -0.06 min
 Lab File: BF085446.D
 Acq: 15 Mar 2016 00:41

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	769088		
226	31.8	25.2	37.8	
229	20.1	16.0	24.0	





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.85 ng

RT: 14.07 min Scan# 1031

Delta R.T. -0.05 min

Lab File: BF085446.D

Acq: 15 Mar 2016 00:41

Instrument :

BNA_F

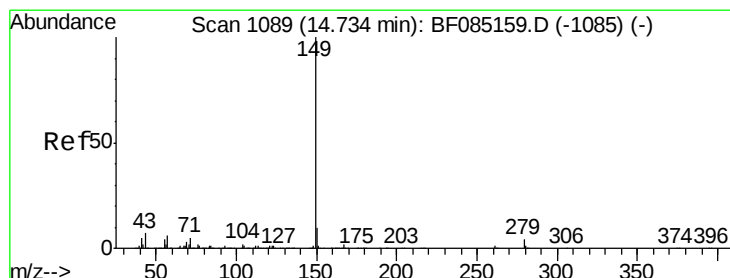
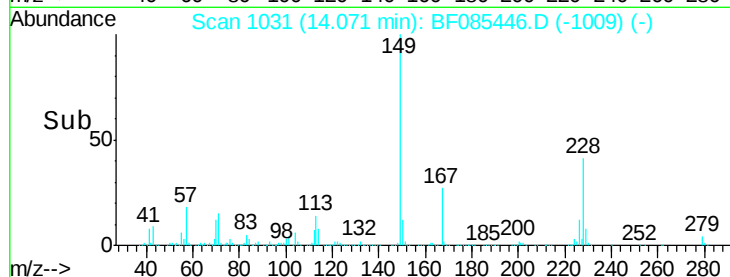
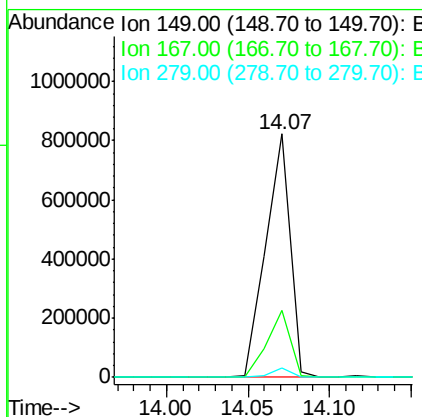
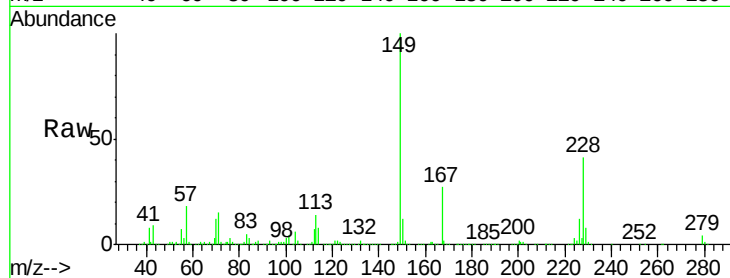
ClientSampleId :

SSTDCCC040

Tgt Ion:	149	Resp:	863283
Ion Ratio	Lower	Upper	
149	100		
167	27.5	20.3	30.5
279	4.1	1.9	2.9

Manual Integrations
APPROVED

Sohil
3/15/2016 2:09:31 PM



#84

Di-n-octyl phthalate

Concen: 39.17 ng

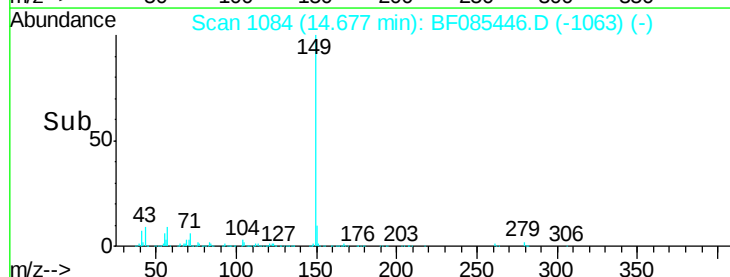
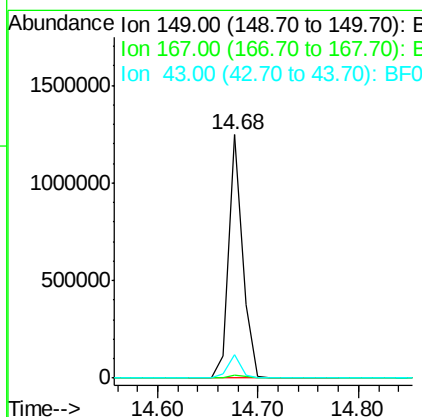
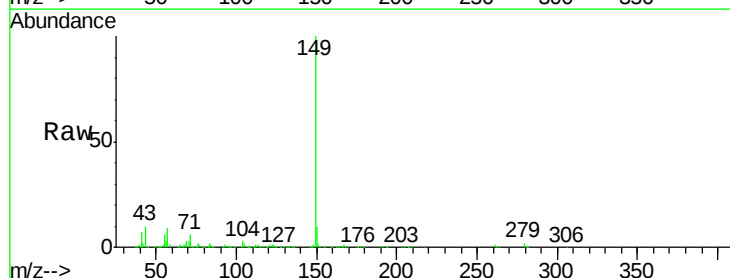
RT: 14.68 min Scan# 1084

Delta R.T. -0.06 min

Lab File: BF085446.D

Acq: 15 Mar 2016 00:41

Tgt Ion:	149	Resp:	1201821
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	9.4	7.8	11.8





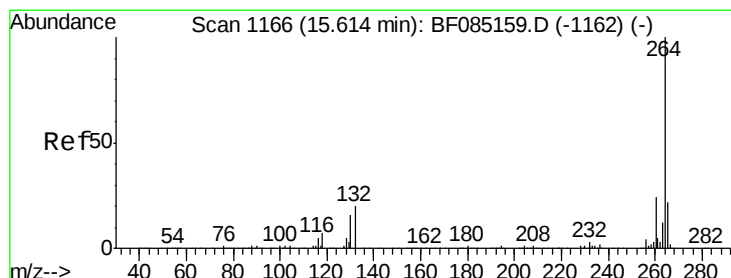
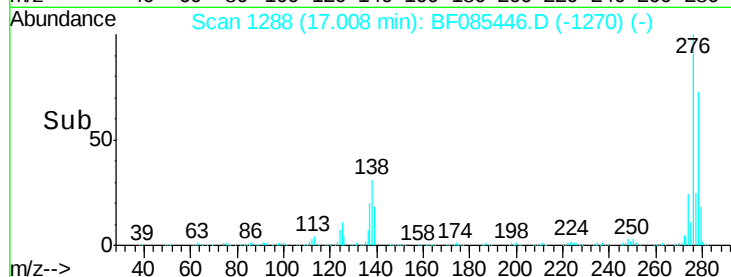
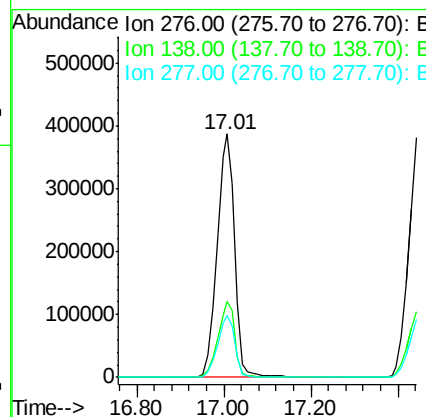
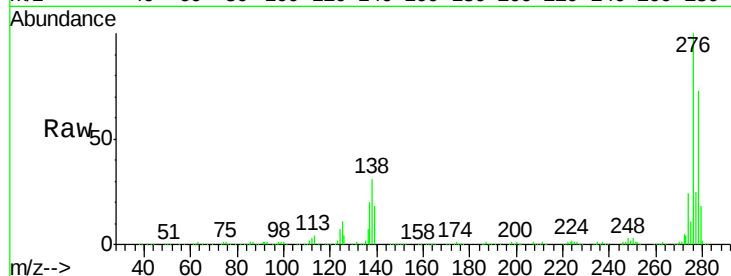
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 57.10 ng
 RT: 17.01 min Scan# 1288
 Delta R.T. -0.09 min
 Lab File: BF085446.D
 Acq: 15 Mar 2016 00:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.1	26.4	39.6
277	25.3	20.2	30.2

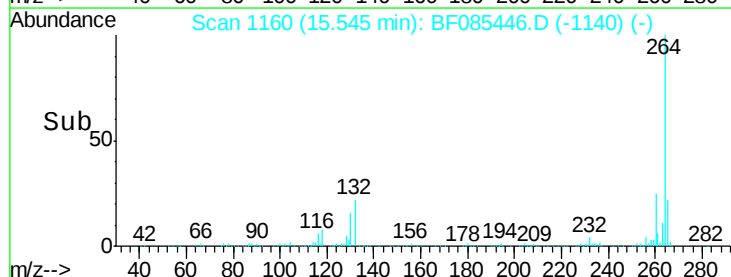
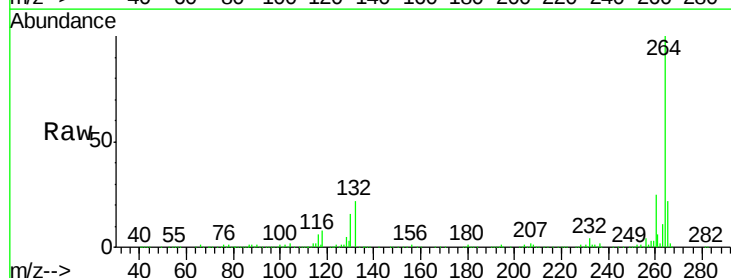
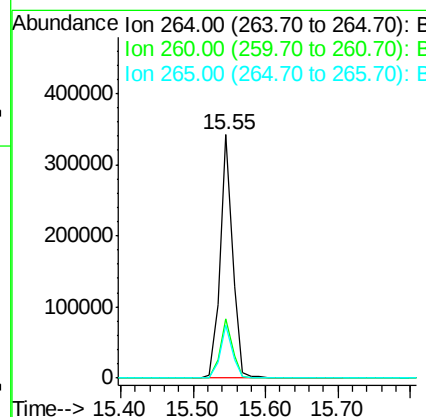
Manual Integrations
 APPROVED

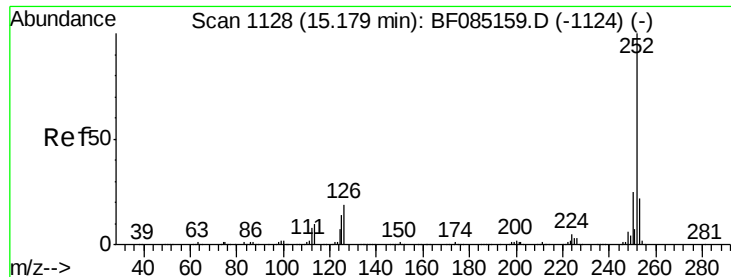
Sohil
 3/15/2016 2:09:31 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.55 min Scan# 1160
 Delta R.T. -0.07 min
 Lab File: BF085446.D
 Acq: 15 Mar 2016 00:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.8	17.3	25.9





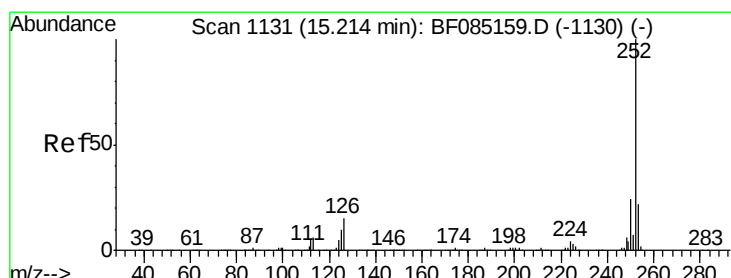
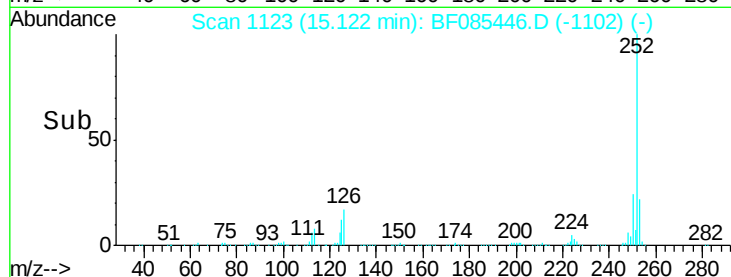
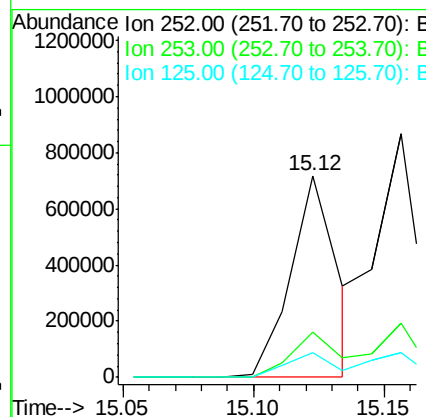
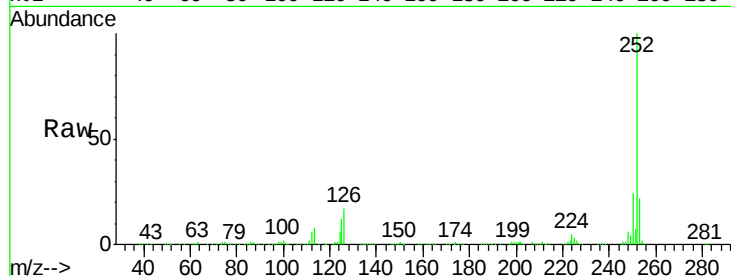
#87
Benzo(b)fluoranthene
Concen: 32.30 ng
RT: 15.12 min Scan# 1123
Delta R.T. -0.06 min
Lab File: BF085446.D
Acq: 15 Mar 2016 00:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	12.3	11.3	16.9

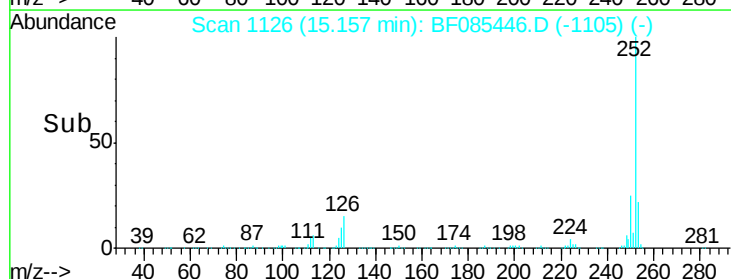
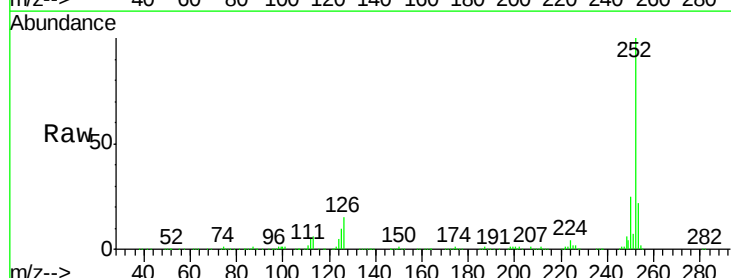
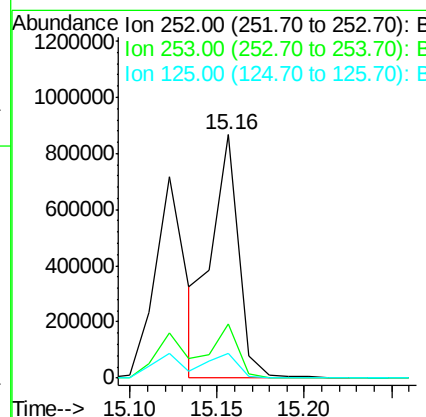
Manual Integrations
APPROVED

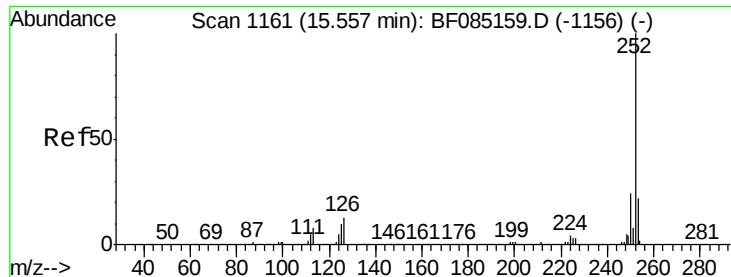
Sohil
3/15/2016 2:09:31 PM



#88
Benzo(k)fluoranthene
Concen: 42.47 ng m
RT: 15.16 min Scan# 1126
Delta R.T. -0.06 min
Lab File: BF085446.D
Acq: 15 Mar 2016 00:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	10.4	10.4	15.6#





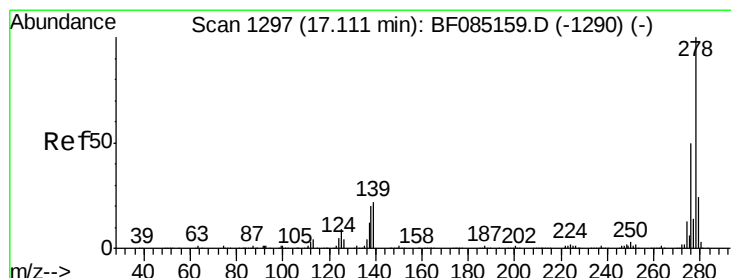
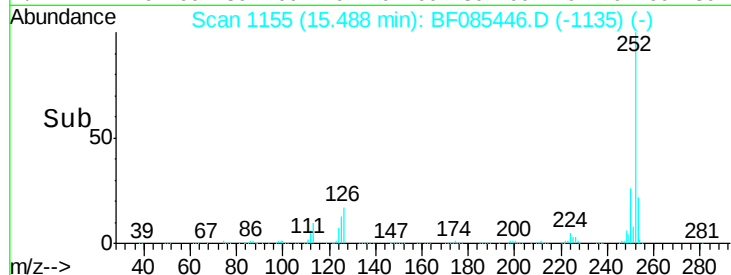
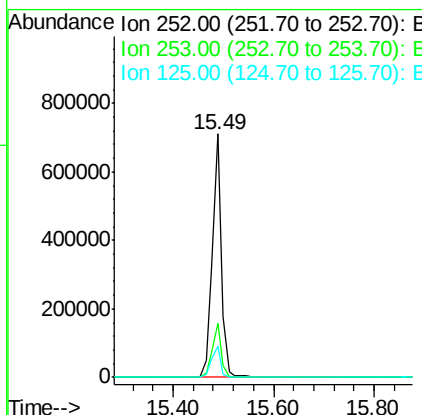
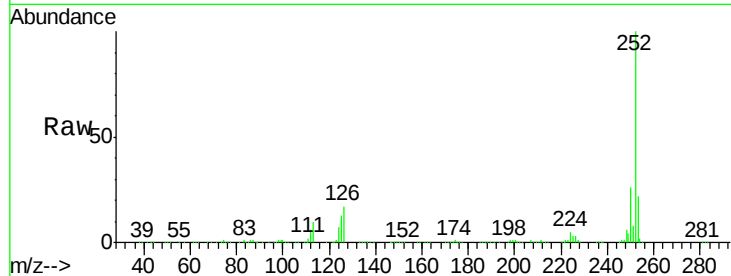
#89
Benzo(a)pyrene
Concen: 39.31 ng
RT: 15.49 min Scan# 1155
Delta R.T. -0.07 min
Lab File: BF085446.D
Acq: 15 Mar 2016 00:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	888822		
253	22.3	17.4	26.0	
125	12.9	8.2	12.4	

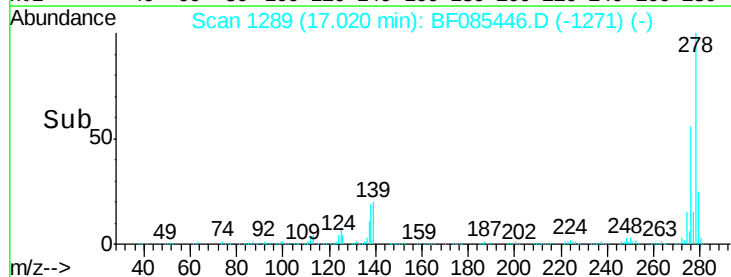
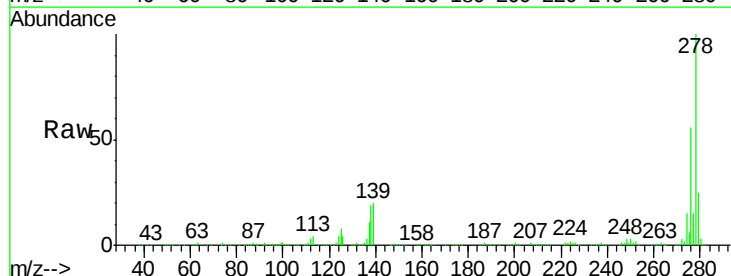
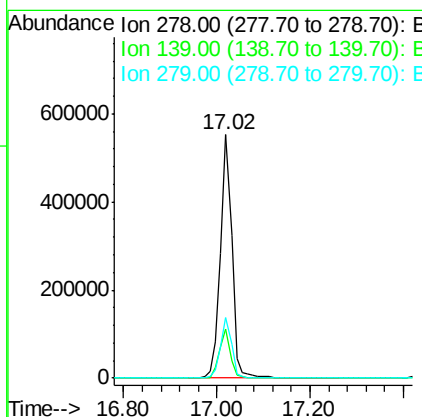
Manual Integrations
APPROVED

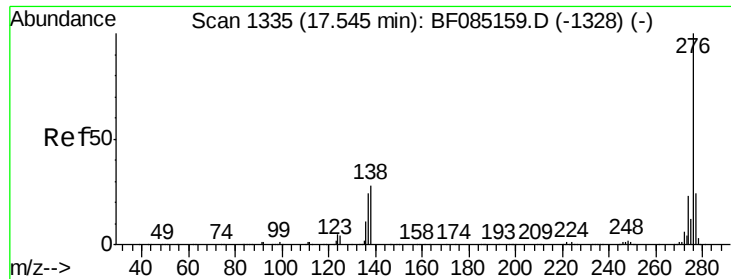
Sohil
3/15/2016 2:09:31 PM



#90
Dibenzo(a,h)anthracene
Concen: 48.34 ng
RT: 17.02 min Scan# 1289
Delta R.T. -0.09 min
Lab File: BF085446.D
Acq: 15 Mar 2016 00:41

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	933047		
139	20.3	17.3	25.9	
279	24.7	19.2	28.8	





#91
 Benzo(g,h,i)perylene
 Concen: 46.34 ng
 RT: 17.44 min Scan# 1326
 Delta R.T. -0.10 min
 Lab File: BF085446.D
 Acq: 15 Mar 2016 00:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	276	Resp:	899364
Ion Ratio		Lower	Upper
276	100		
277	24.3	19.0	28.4
138	27.6	22.5	33.7

Manual Integrations
 APPROVED

Sohil
 3/15/2016 2:09:31 PM

