

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071216\
 Data File : BF088942.D
 Acq On : 13 Jul 2016 3:51
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations

APPROVED
 SOHIL
 7/13/2016 9:25:44 AM

Quant Time: Jul 13 05:08:24 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	70822	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	262466	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	107320	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	165834	20.00	ng	0.00
75) Chrysene-d12	13.84	240	125804	20.00	ng	-0.01
86) Perylene-d12	15.21	264	126398	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	351435	74.37	ng	0.00
7) Phenol-d6	6.35	99	450879	73.84	ng	0.00
23) Nitrobenzene-d5	7.28	82	414549	82.77	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	71600	71.85	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	652357	96.02	ng	0.00
78) Terphenyl-d14	12.80	244	425893	75.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.19	88	77429	33.05	ng	# 32
3) Pyridine	2.86	79	228097	33.55	ng	93
4) n-Nitrosodimethylamine	2.81	42	88959	34.25	ng	96
6) Aniline	6.36	93	283114	31.82	ng	# 60
8) 2-Chlorophenol	6.49	128	187390	36.90	ng	100
9) Benzaldehyde	6.25	77	137837	33.33	ng	96
10) Phenol	6.38	94	261192	37.48	ng	84
11) bis(2-Chloroethyl)ether	6.44	93	176417	33.95	ng	91
12) 1,3-Dichlorobenzene	6.65	146	214685m	38.41	ng	
13) 1,4-Dichlorobenzene	6.72	146	205382	37.02	ng	94
14) 1,2-Dichlorobenzene	6.88	146	217673m	41.92	ng	
15) Benzyl Alcohol	6.86	79	158193	35.20	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.99	45	212388	28.22	ng	83
17) 2-Methylphenol	6.98	107	157909	38.11	ng	# 93
18) Hexachloroethane	7.22	117	78729	36.69	ng	98
19) n-Nitroso-di-n-propylamine	7.13	70	134087	32.69	ng	93
20) 3+4-Methylphenols	7.13	107	193826	38.98	ng	# 83
22) Acetophenone	7.12	105	279590	43.89	ng	# 91
24) Nitrobenzene	7.29	77	190013	37.63	ng	# 79
25) Isophorone	7.54	82	365929	39.44	ng	98
26) 2-Nitrophenol	7.61	139	95312	46.03	ng	95
27) 2,4-Dimethylphenol	7.67	122	167644	38.87	ng	94
28) bis(2-Chloroethoxy)methane	7.76	93	233785	38.72	ng	98
29) 2,4-Dichlorophenol	7.86	162	150757	43.25	ng	96
30) 1,2,4-Trichlorobenzene	7.94	180	168670	44.09	ng	98
31) Naphthalene	8.01	128	527049	40.73	ng	100
32) Benzoic acid	7.78	122	86206	27.53	ng	88
33) 4-Chloroaniline	8.07	127	216462	37.60	ng	96
34) Hexachlorobutadiene	8.14	225	92038	44.94	ng	99
35) Caprolactam	8.44	113	37635	31.79	ng	94
36) 4-Chloro-3-methylphenol	8.56	107	152888	37.09	ng	90
37) 2-Methylnaphthalene	8.71	142	360056	43.22	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	172188	48.24	ng	# 1
40) Hexachlorocyclopentadiene	8.87	237	21840	12.47	ng	96

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071216\
 Data File : BF088942.D
 Acq On : 13 Jul 2016 3:51
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations

APPROVED
 SOHIL
 7/13/2016 9:25:44 AM

Quant Time: Jul 13 05:08:24 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	93833	39.87	nq	99
43) 2,4,5-Trichlorophenol	9.03	196	84984	41.97	nq #	84
45) 1,1'-Biphenyl	9.18	154	411356	46.29	nq	95
46) 2-Chloronaphthalene	9.19	162	300238	43.04	nq	94
47) 2-Nitroaniline	9.29	65	105248	42.51	nq	96
48) Acenaphthylene	9.60	152	451238	40.65	nq	100
49) Dimethylphthalate	9.47	163	317479	41.52	nq	100
50) 2,6-Dinitrotoluene	9.53	165	64142	37.85	nq #	32
51) Acenaphthene	9.78	154	272899	40.11	nq	98
52) 3-Nitroaniline	9.70	138	88781	41.21	nq	97
53) 2,4-Dinitrophenol	9.80	184	8882	11.87	nq	89
54) Dibenzofuran	9.94	168	331105	37.18	nq #	85
55) 4-Nitrophenol	9.87	139	56786	34.69	nq #	85
56) 2,4-Dinitrotoluene	9.93	165	79326	35.80	nq #	44
57) Fluorene	10.28	166	260076	37.89	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	60451	38.59	nq #	48
59) Diethylphthalate	10.17	149	331733	43.23	nq	98
60) 4-Chlorophenyl-phenylether	10.28	204	144082	45.18	nq	98
61) 4-Nitroaniline	10.31	138	74384	35.88	nq	81
62) Azobenzene	10.44	77	334629	38.23	nq	94
64) 4,6-Dinitro-2-methylphenol	10.34	198	18341	20.68	nq #	75
65) n-Nitrosodiphenylamine	10.40	169	238391	42.47	nq	100
66) 4-Bromophenyl-phenylether	10.77	248	74647	44.67	nq #	65
67) Hexachlorobenzene	10.83	284	78029	42.18	nq	99
68) Atrazine	10.94	200	78427	44.84	nq	97
69) Pentachlorophenol	11.03	266	40054	36.58	nq	97
70) Phenanthrene	11.25	178	385422	42.52	nq	98
71) Anthracene	11.29	178	348751	38.69	nq	99
72) Carbazole	11.45	167	349147	41.16	nq	99
73) Di-n-butylphthalate	11.79	149	468753	47.50	nq	98
74) Fluoranthene	12.42	202	370348	40.30	nq	98
76) Benzidine	12.55	184	259728	40.85	nq	98
77) Pyrene	12.65	202	390193	36.58	nq	98
79) Butylbenzylphthalate	13.28	149	181299	38.10	nq	95
80) Benzo(a)anthracene	13.83	228	319428	39.43	nq	99
81) 3,3'-Dichlorobenzidine	13.81	252	131289	43.11	nq	99
82) Chrysene	13.87	228	323344	40.34	nq	98
83) Bis(2-ethylhexyl)phthalate	13.84	149	235708	43.39	nq	98
84) Di-n-octyl phthalate	14.45	149	412623	44.71	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.50	276	257776	41.81	nq #	100
87) Benzo(b)fluoranthene	14.83	252	292842m	36.93	nq	
88) Benzo(k)fluoranthene	14.87	252	305269m	44.23	nq	
89) Benzo(a)pyrene	15.15	252	271855	40.49	nq	100
90) Dibenzo(a,h)anthracene	16.51	278	226839	40.46	nq	97
91) Benzo(g,h,i)perylene	16.89	276	210464	36.28	nq	94

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



#1

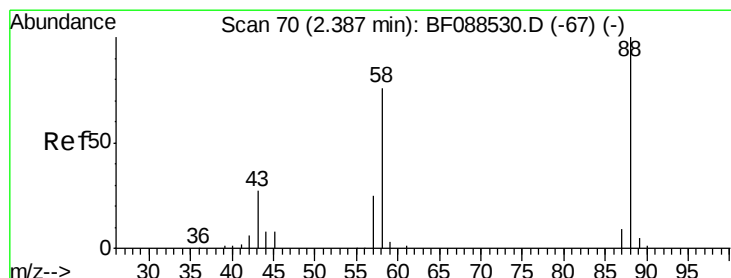
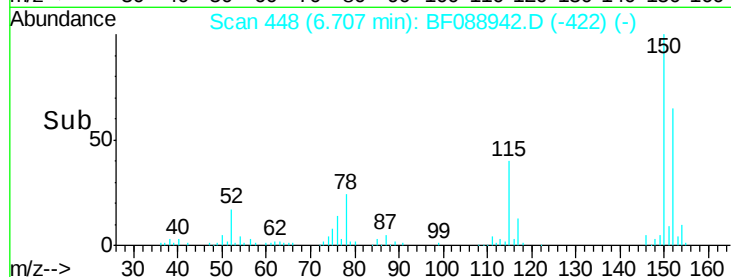
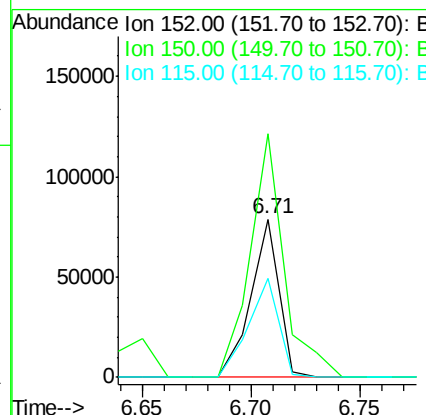
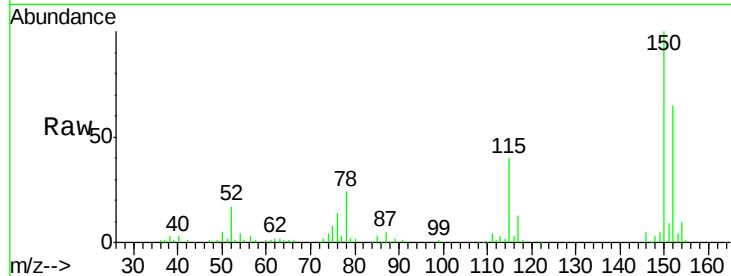
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF088942.D
Acq: 13 Jul 2016 3:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	123.8	185.6
115	62.2	39.6	59.4

Manual Integrations

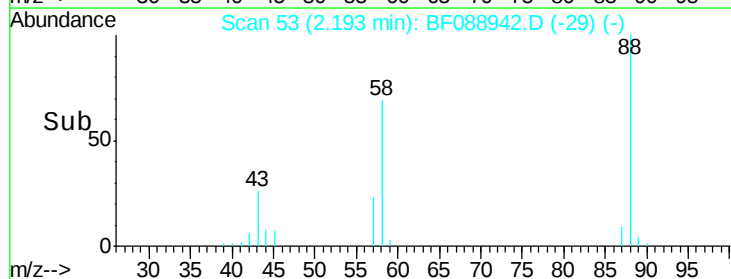
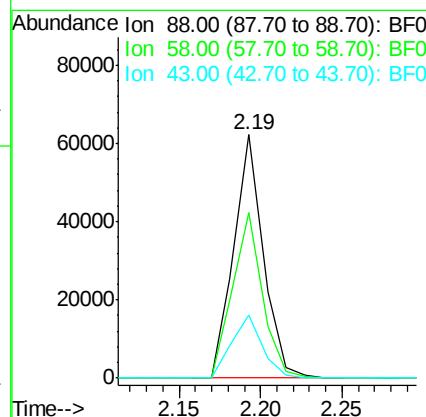
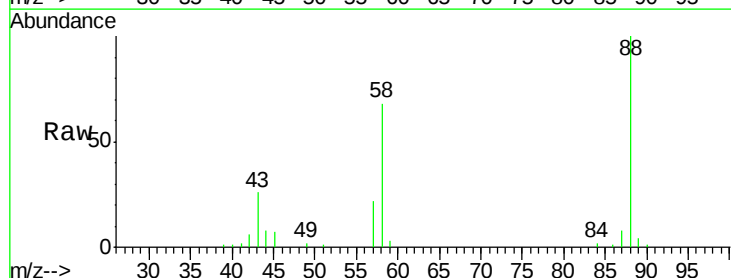
SOHIL
7/13/2016 9:25:44 AM

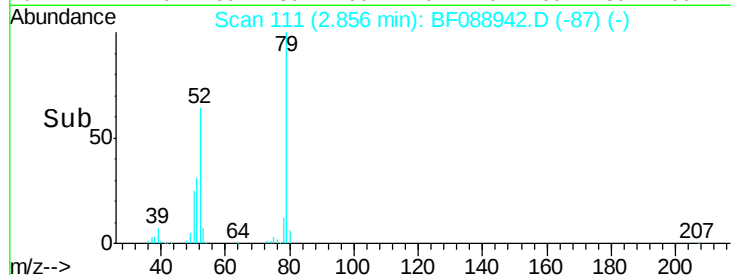
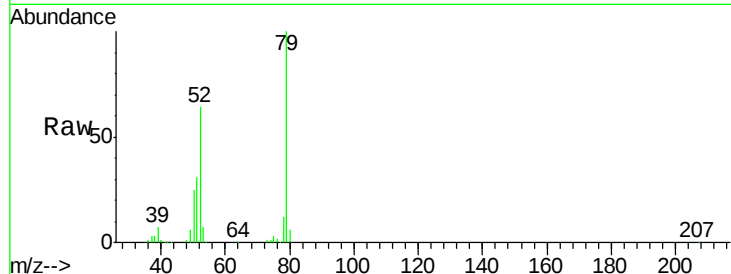


#2

1,4-Dioxane
Concen: 33.05 ng
RT: 2.19 min Scan# 53
Delta R.T. -0.02 min
Lab File: BF088942.D
Acq: 13 Jul 2016 3:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.9	0.0	0.0
43	26.8	3.4	5.2





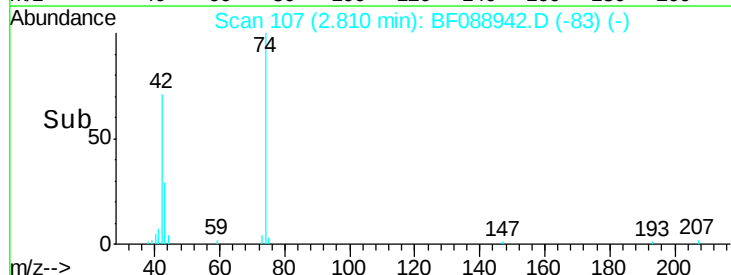
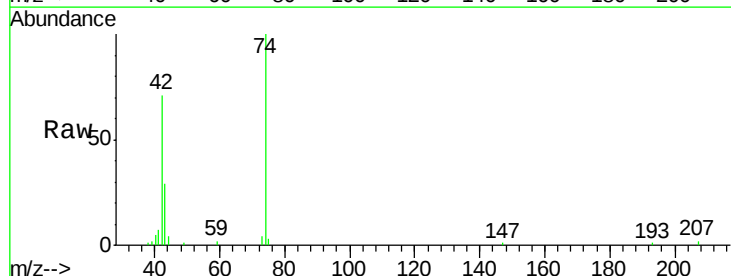
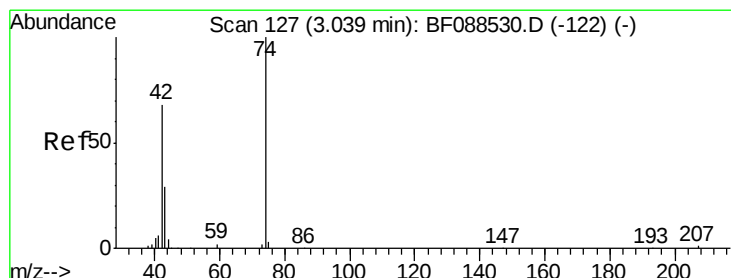
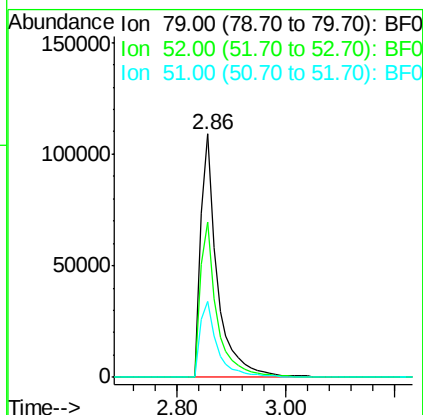
#3
Pvridine
Concen: 33.55 ng
RT: 2.86 min Scan# 111
Delta R.T. -0.02 min
Lab File: BF088942.D
Acq: 13 Jul 2016 3:51

Tot Ion:	79	Resp:	228097
Ion Ratio	Lower	Upper	
79	100		
52	63.6	56.3	84.5
51	31.5	27.4	41.2

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

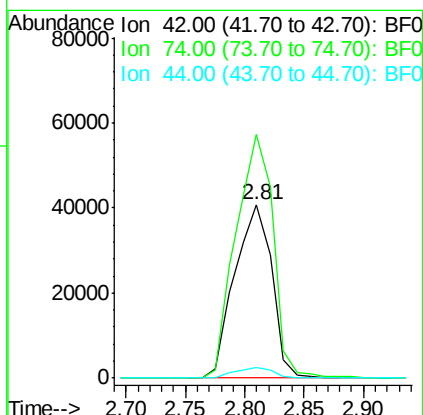
Manual Integrations

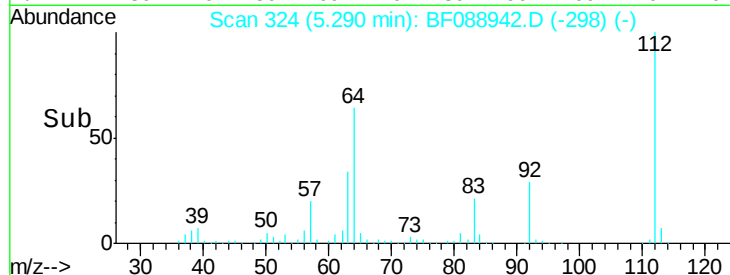
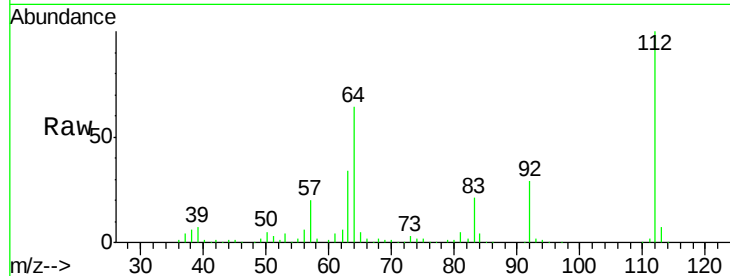
APPROVED
SOHIL
7/13/2016 9:25:44 AM



#4
n-Nitrosodimethylamine
Concen: 34.25 ng
RT: 2.81 min Scan# 107
Delta R.T. -0.02 min
Lab File: BF088942.D
Acq: 13 Jul 2016 3:51

Tgt Ion:	42	Resp:	88959
Ion Ratio	Lower	Upper	
42	100		
74	140.1	108.6	163.0
44	5.9	5.5	8.3





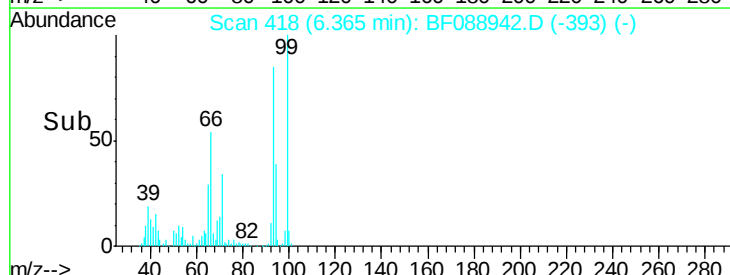
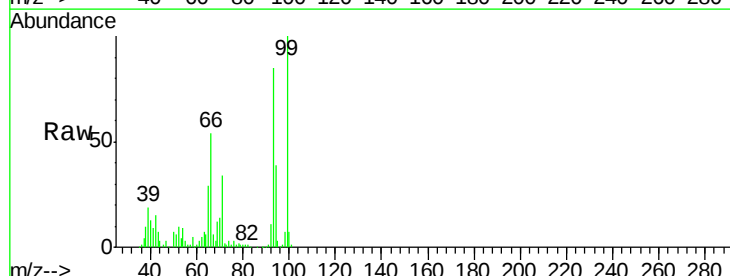
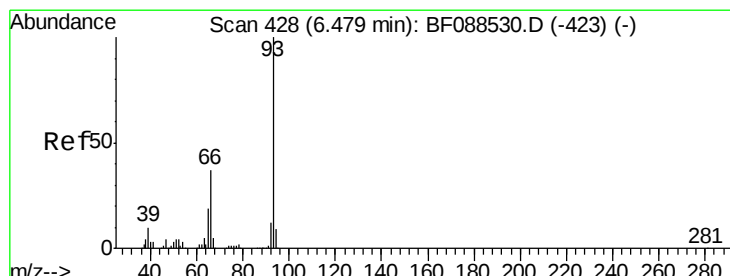
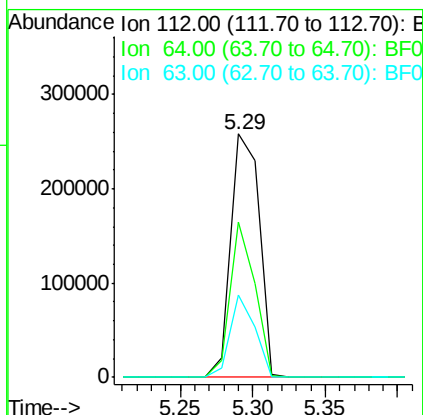
#5
2-Fluorophenol
Concen: 74.37 ng
RT: 5.29 min Scan# 324
Delta R.T. 0.00 min
Lab File: BF088942.D
Acq: 13 Jul 2016 3:51

Tot Ion	Ratio	Resp	Lower	Upper
112	100	351435		
64	63.9	42.2	63.2#	
63	33.8	21.8	32.8#	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

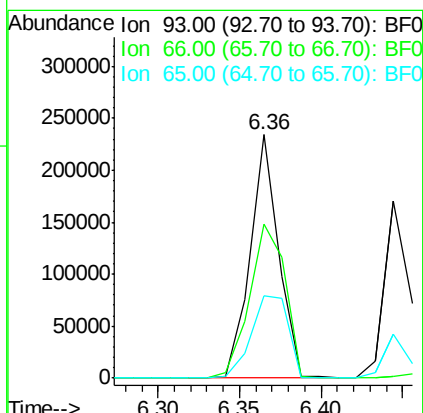
Manual Integrations

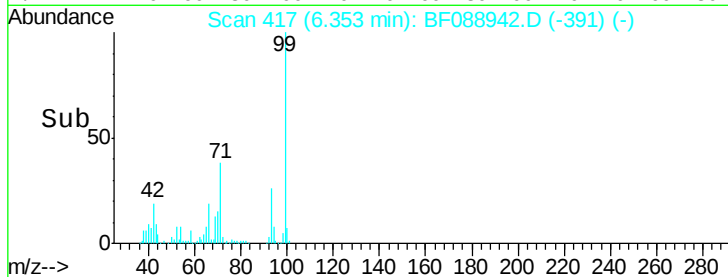
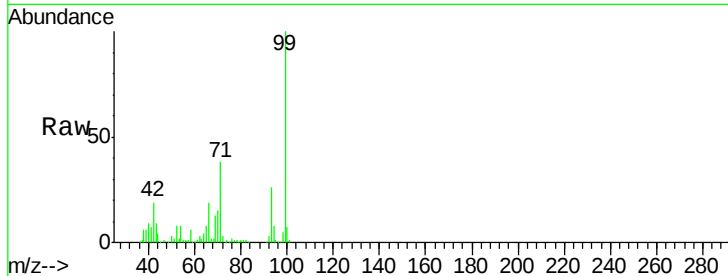
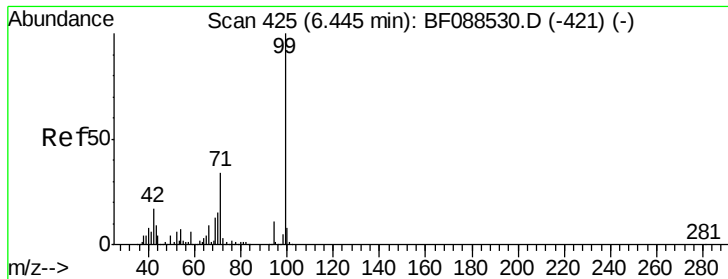
SOHIL
7/13/2016 9:25:44 AM



#6
Aniline
Concen: 31.82 ng
RT: 6.36 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF088942.D
Acq: 13 Jul 2016 3:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	283114		
66	63.2	29.8	44.8#	
65	33.7	14.9	22.3#	





#7

Phenol-d6

Concen: 73.84 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF088942.D

Acq: 13 Jul 2016 3:51

Tot Ion:	99	Resp:	450879
Ion Ratio	Lower	Upper	
99	100		
42	18.5	12.2	18.2#
71	38.4	23.4	35.0#

Instrument :

BNA_F

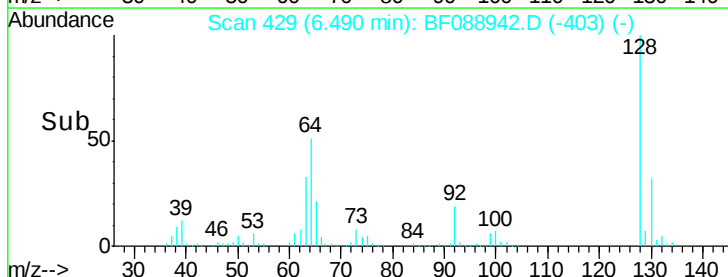
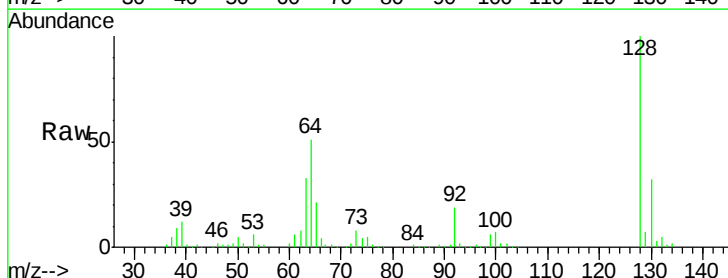
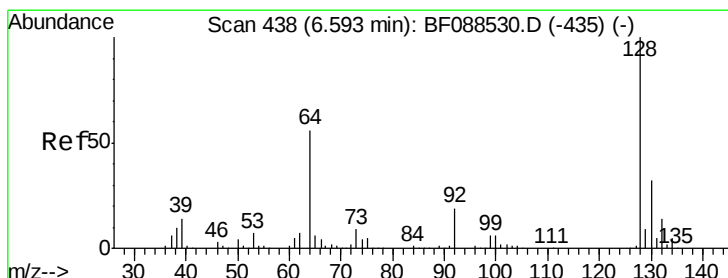
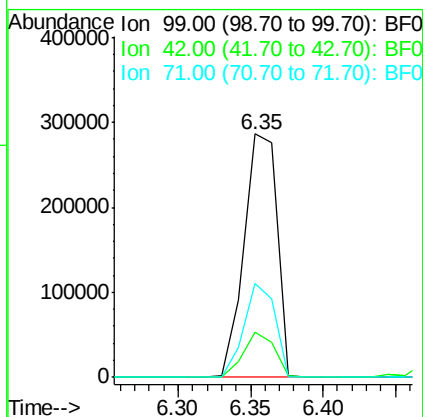
ClientSampleId :

SSTDCCC040

Manual Integrations

SOHIL

7/13/2016 9:25:44 AM



#8

2-Chlorophenol

Concen: 36.90 ng

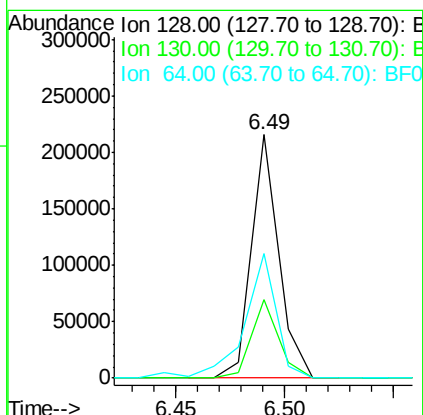
RT: 6.49 min Scan# 429

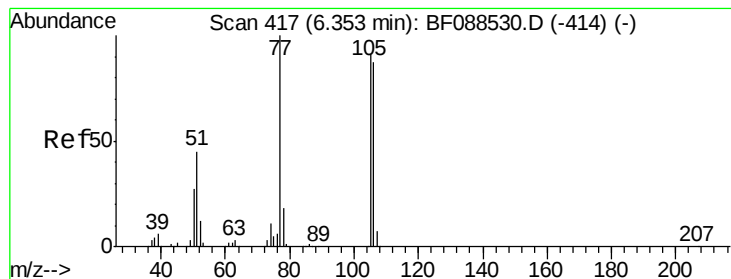
Delta R.T. 0.00 min

Lab File: BF088942.D

Acq: 13 Jul 2016 3:51

Tgt Ion:	128	Resp:	187390
Ion Ratio	Lower	Upper	
128	100		
130	32.0	12.0	52.0
64	50.9	30.8	70.8





#9

Benzaldehyde

Concen: 33.33 ng

RT: 6.25 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF088942.D

Acq: 13 Jul 2016 3:51

Instrument :

BNA_F

ClientSampleId :

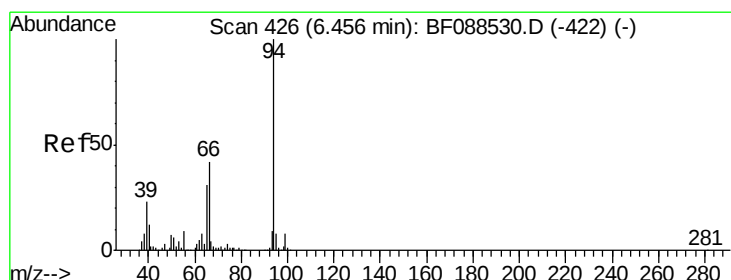
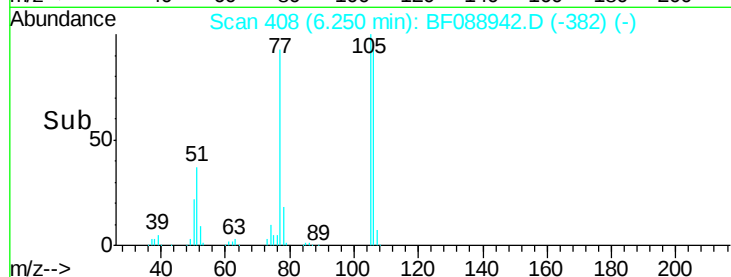
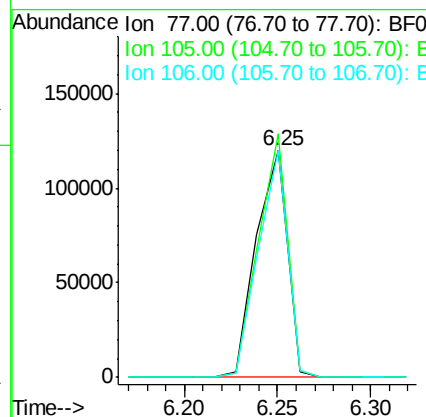
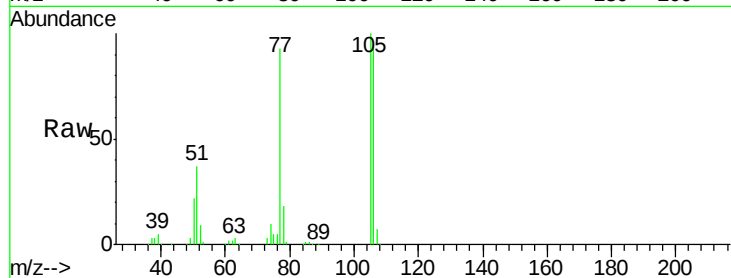
SSTDCCC040

Tot Ion:	77	Resp:	137837
Ion Ratio	Lower	Upper	
77	100		
105	107.5	90.6	130.6
106	100.3	85.3	125.3

Manual Integrations

SOHIL

7/13/2016 9:25:44 AM



#10

Phenol

Concen: 37.48 ng

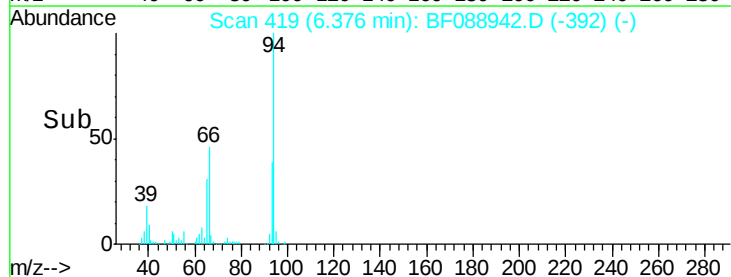
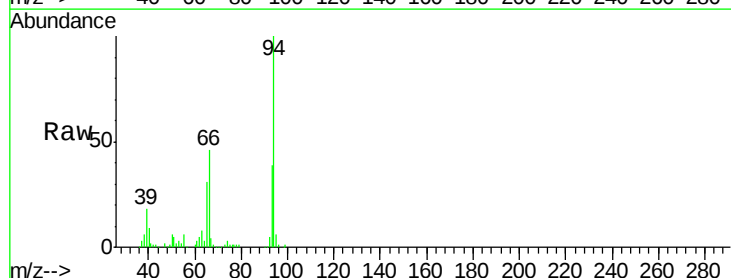
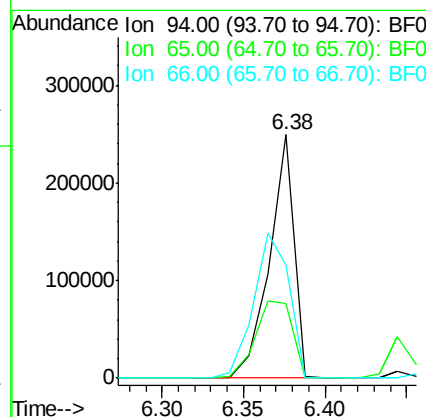
RT: 6.38 min Scan# 419

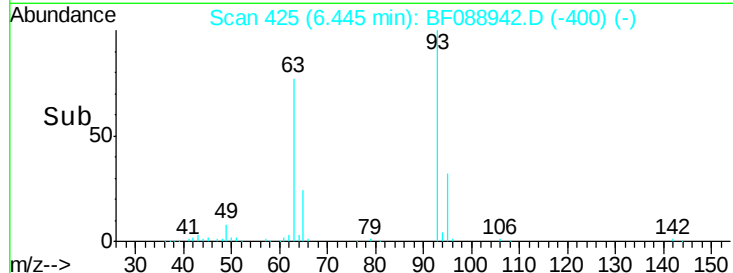
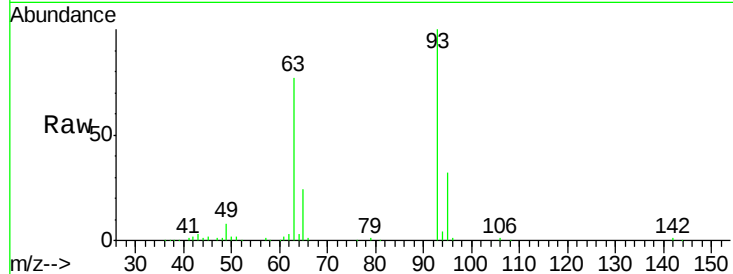
Delta R.T. 0.01 min

Lab File: BF088942.D

Acq: 13 Jul 2016 3:51

Tgt Ion:	94	Resp:	261192
Ion Ratio	Lower	Upper	
94	100		
65	30.6	5.9	45.9
66	46.3	14.0	54.0





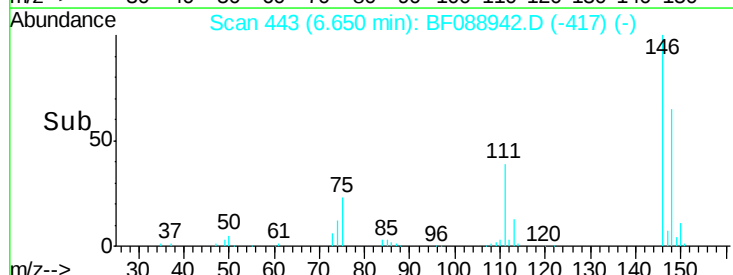
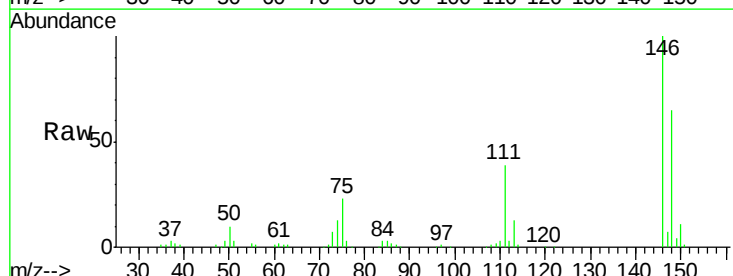
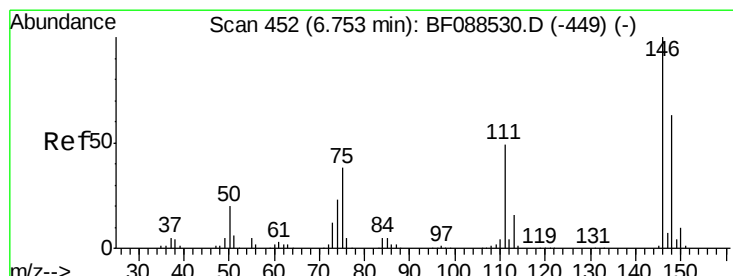
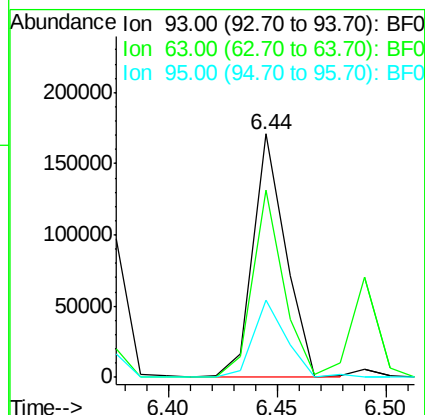
#11
bis(2-Chloroethyl)ether
Concen: 33.95 ng
RT: 6.44 min Scan# 425
Delta R.T. -0.01 min
Lab File: BF088942.D
Acq: 13 Jul 2016 3:51

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.9	67.6	107.6
95	31.6	12.5	52.5

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

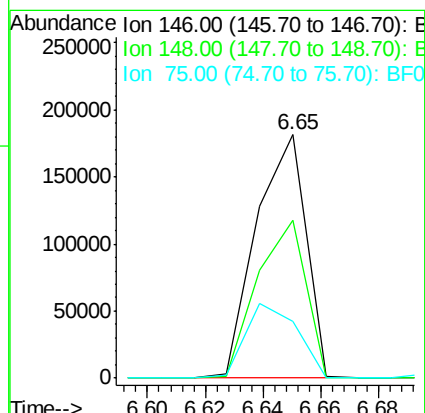
Manual Integrations

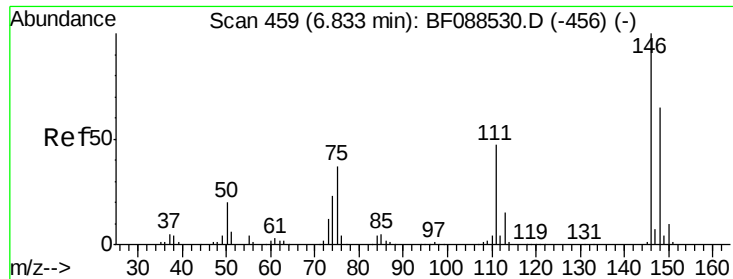
APPROVED
SOHIL
7/13/2016 9:25:44 AM



#12
1,3-Dichlorobenzene
Concen: 38.41 ng m
RT: 6.65 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF088942.D
Acq: 13 Jul 2016 3:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.9	76.3
75	23.1	25.6	38.4#





#13

1,4-Dichlorobenzene

Concen: 37.02 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF088942.D

Acq: 13 Jul 2016 3:51

Instrument :

BNA_F

ClientSampled :

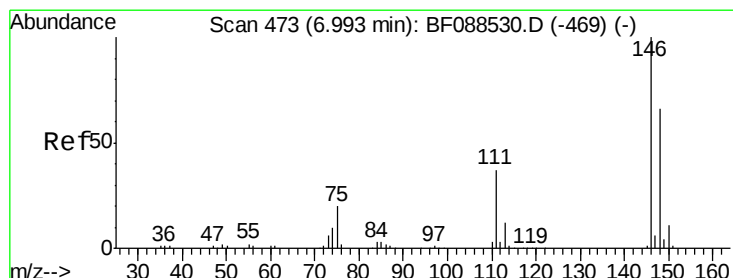
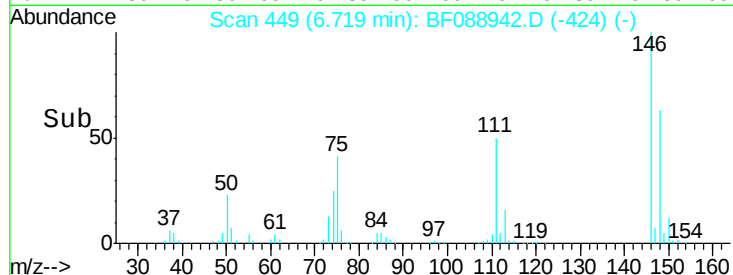
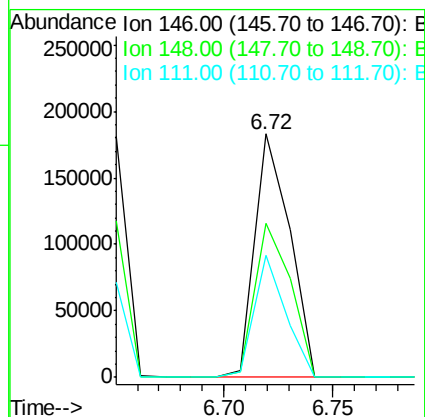
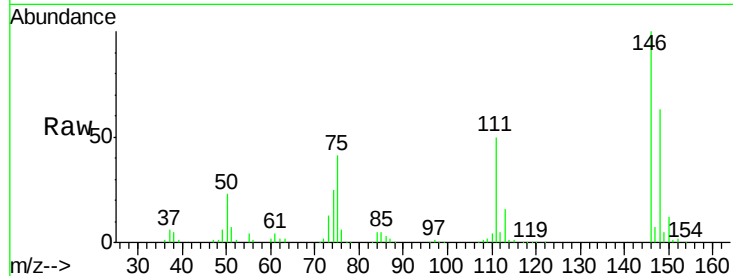
SSTDCCC040

Tot Ion:	146	Resp:	205382
Ion Ratio	Lower	Upper	
146	100		
148	63.3	52.0	78.0
111	50.3	33.8	50.8

Manual Integrations

SOHIL

7/13/2016 9:25:44 AM



#14

1,2-Dichlorobenzene

Concen: 41.92 ng m

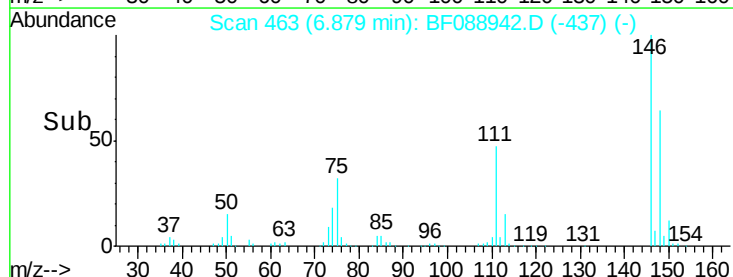
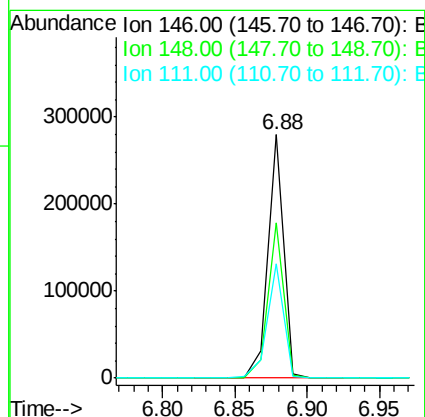
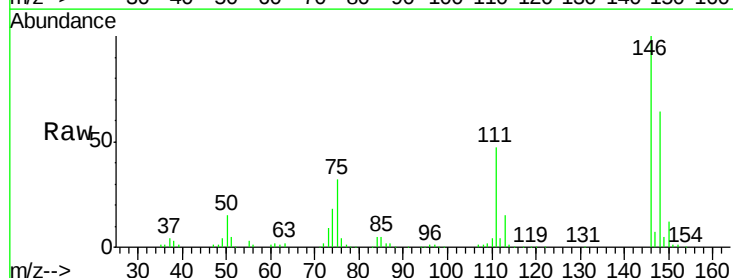
RT: 6.88 min Scan# 463

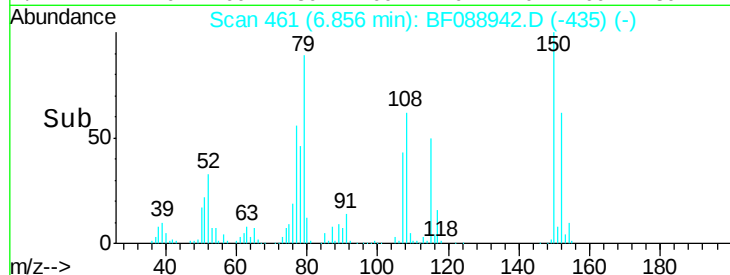
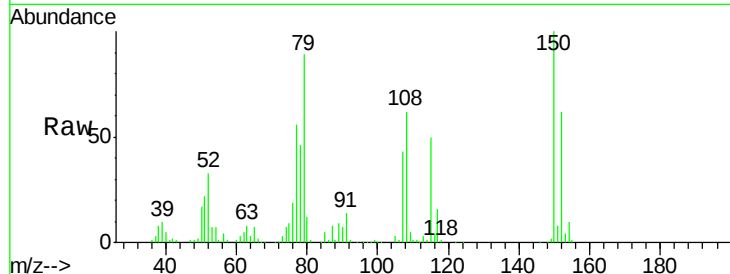
Delta R.T. 0.00 min

Lab File: BF088942.D

Acq: 13 Jul 2016 3:51

Tgt Ion:	146	Resp:	217673
Ion Ratio	Lower	Upper	
146	100		
148	64.0	52.3	78.5
111	47.2	28.7	43.1#





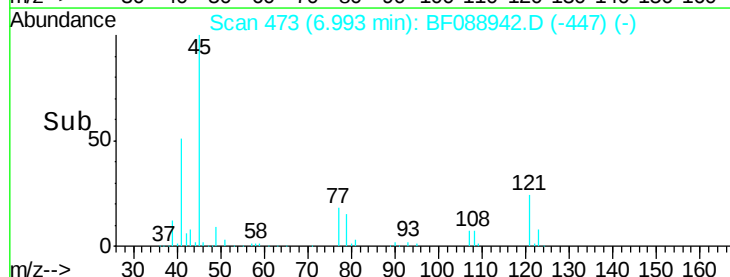
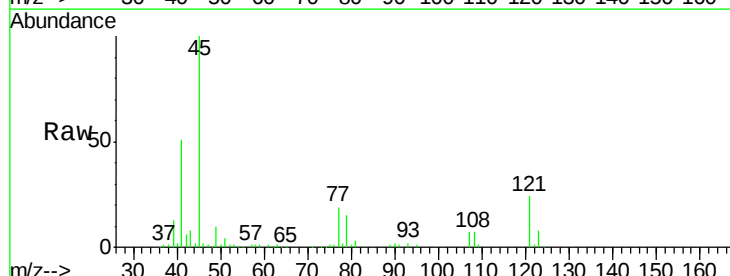
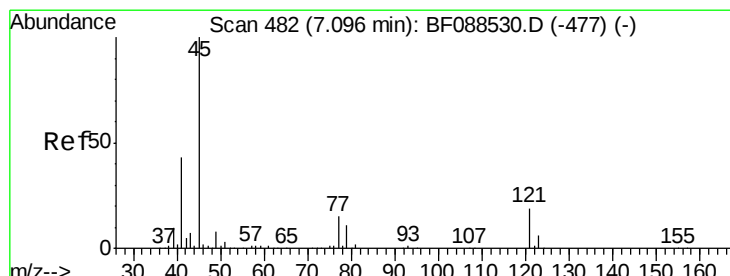
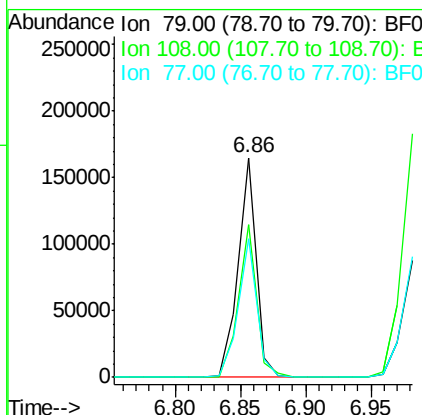
#15
Benzyl Alcohol
Concen: 35.20 ng
RT: 6.86 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF088942.D
Acq: 13 Jul 2016 3:51

Tot Ion	Ratio	Lower	Upper
79	100		
108	69.2	65.0	97.6
77	63.3	50.3	75.5

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

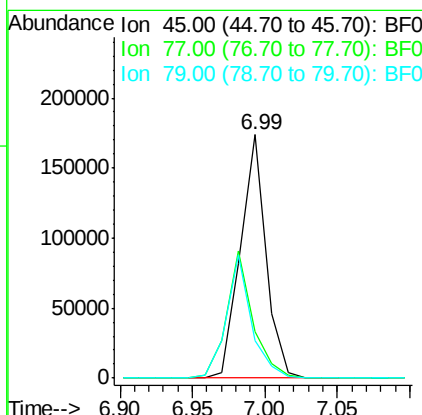
Manual Integrations

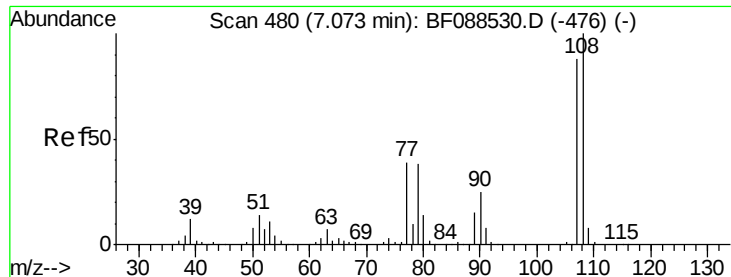
SOHIL
7/13/2016 9:25:44 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 28.22 ng
RT: 6.99 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF088942.D
Acq: 13 Jul 2016 3:51

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.2	0.0	32.5
79	15.4	0.0	29.5





#17

2-Methylphenol

Concen: 38.11 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF088942.D

Acq: 13 Jul 2016 3:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 157909

Ion Ratio Lower Upper

107 100

108 110.6 90.9 136.3

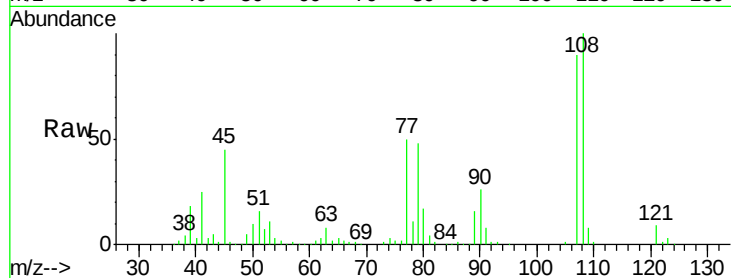
77 55.0 36.6 55.0#

79 53.1 36.5 54.7

Manual Integrations

SOHIL

7/13/2016 9:25:44 AM

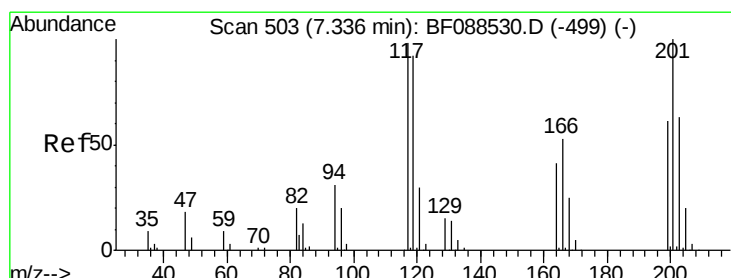
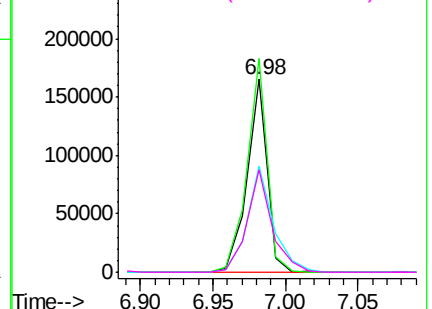
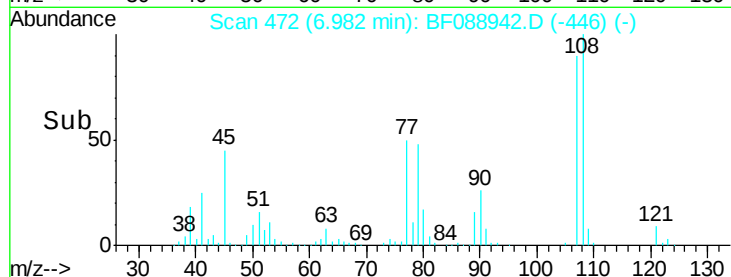


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 36.69 ng

RT: 7.22 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF088942.D

Acq: 13 Jul 2016 3:51

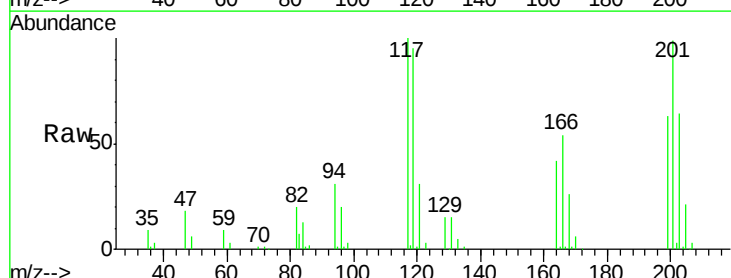
Tgt Ion:117 Resp: 78729

Ion Ratio Lower Upper

117 100

119 95.5 77.4 116.2

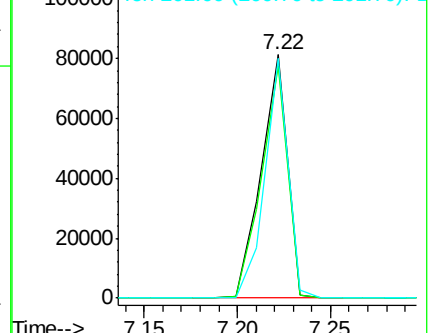
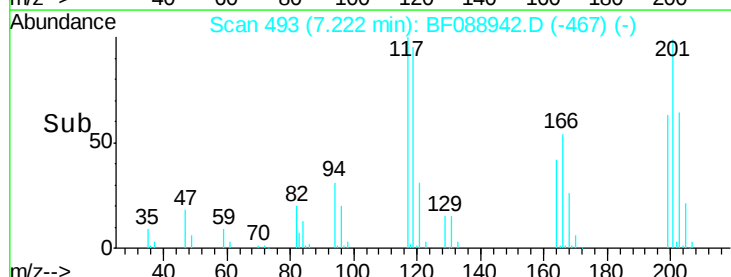
201 98.6 80.4 120.6

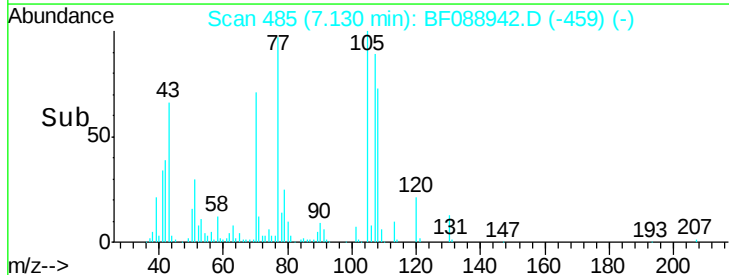
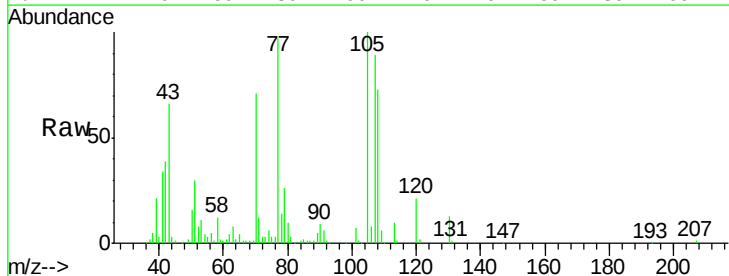
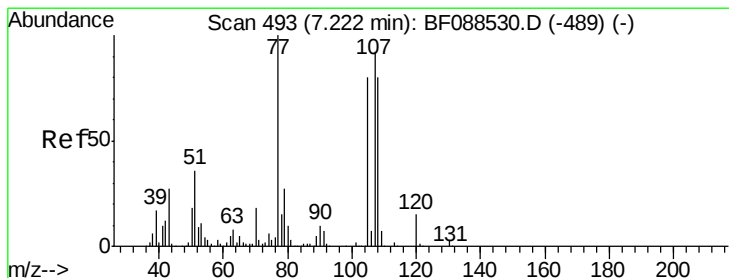
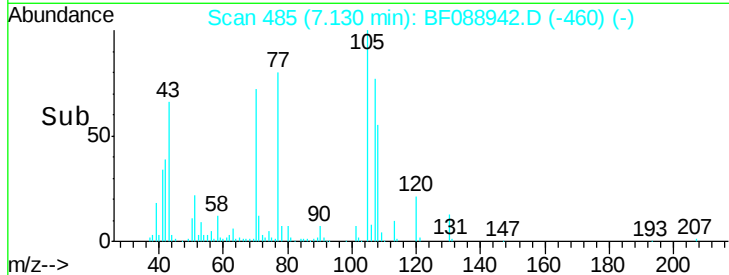
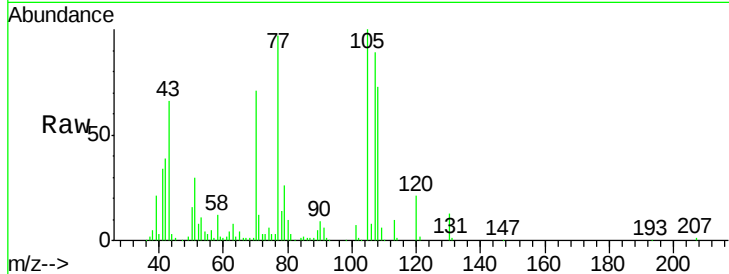
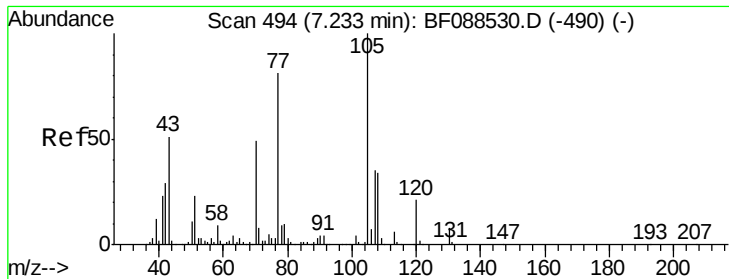


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 32.69 ng

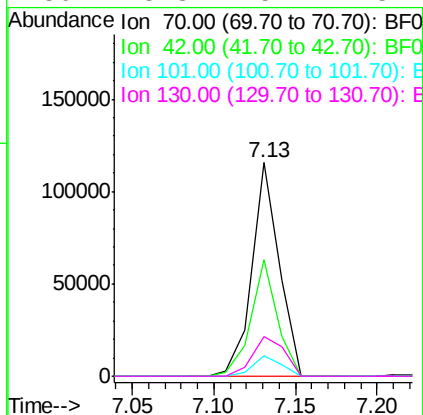
RT: 7.13 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF088942.D

Acq: 13 Jul 2016 3:51

Tot Ion:	70	Resp:	134087
Ion Ratio	Lower	Upper	
70	100		
42	54.8	49.6	74.4
101	9.4	7.1	10.7
130	18.3	15.4	23.2



Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

SOHIL

7/13/2016 9:25:44 AM

#20

3+4-Methylphenols

Concen: 38.98 ng

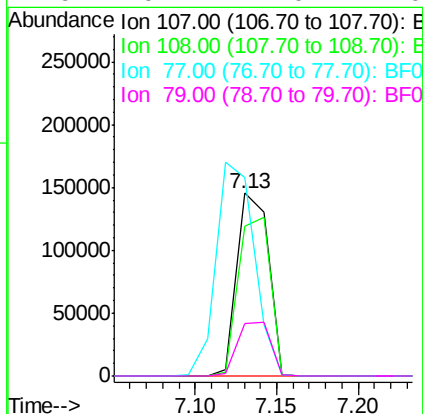
RT: 7.13 min Scan# 485

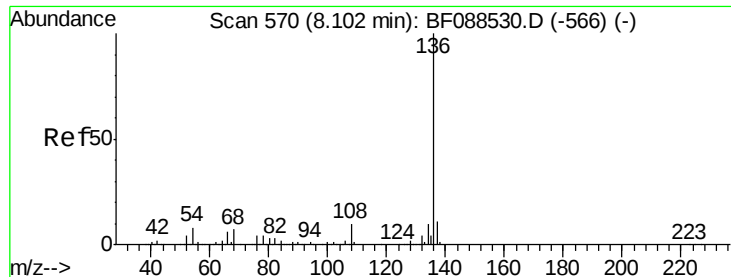
Delta R.T. 0.00 min

Lab File: BF088942.D

Acq: 13 Jul 2016 3:51

Tgt Ion:	107	Resp:	193826
Ion Ratio	Lower	Upper	
107	100		
108	82.3	67.8	107.8
77	108.9	59.3	99.3#
79	29.1	7.0	47.0





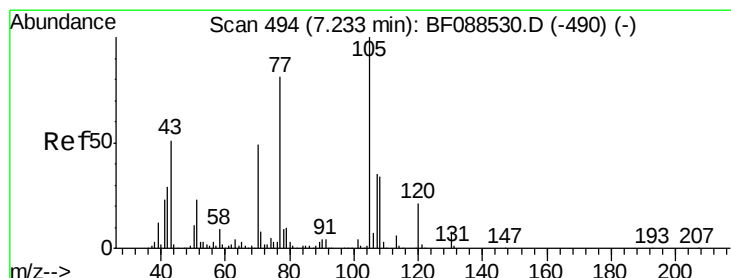
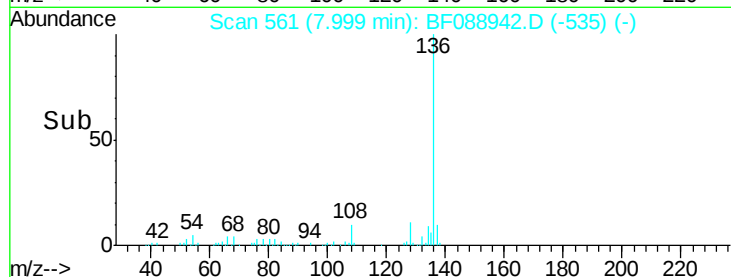
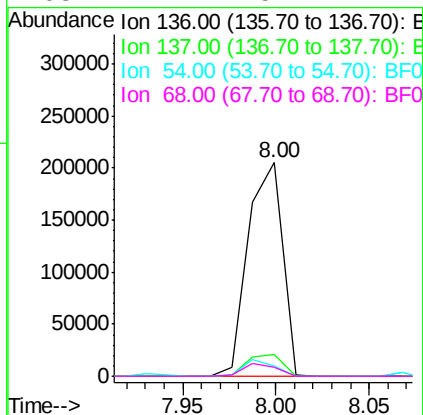
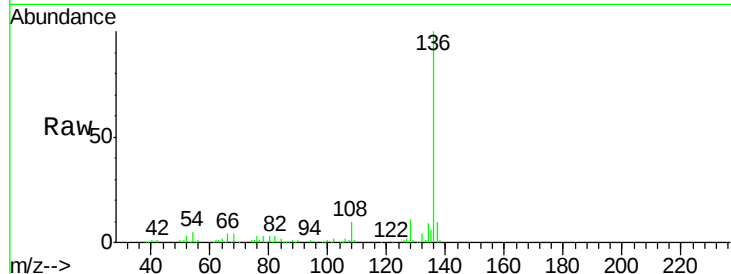
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF088942.D
Acq: 13 Jul 2016 3:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	262466		
137	10.4	9.1	13.7	
54	4.8	6.6	10.0	
68	4.1	5.1	7.7	

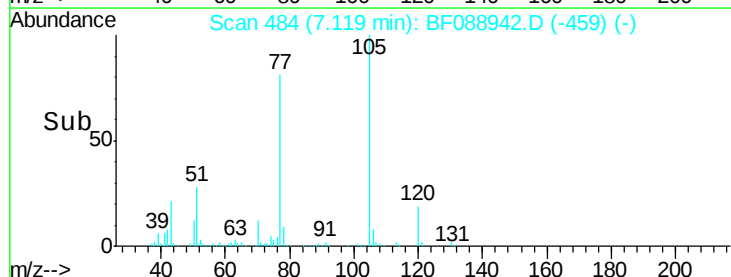
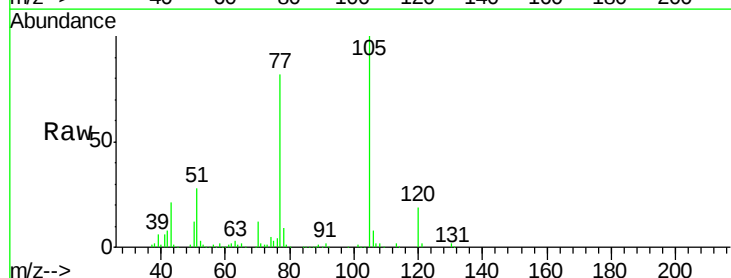
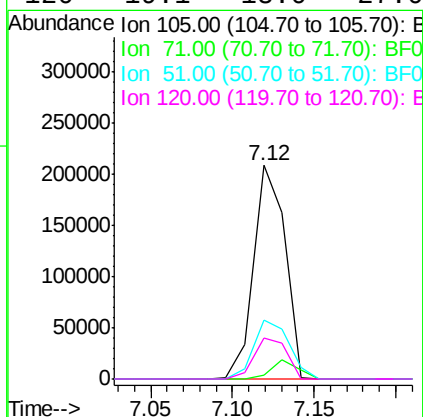
Manual Integrations

SOHIL
7/13/2016 9:25:44 AM



#22
Acetophenone
Concen: 43.89 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF088942.D
Acq: 13 Jul 2016 3:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	279590		
71	2.0	5.3	7.9	
51	27.8	18.2	27.4	
120	19.1	18.0	27.0	





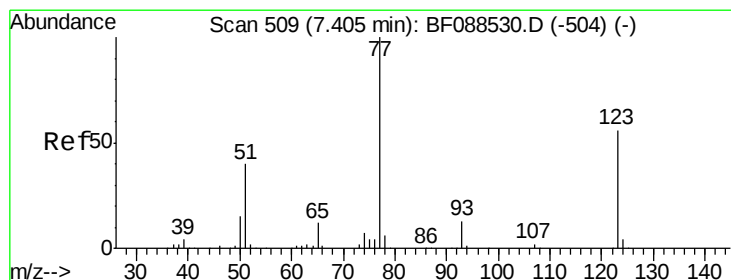
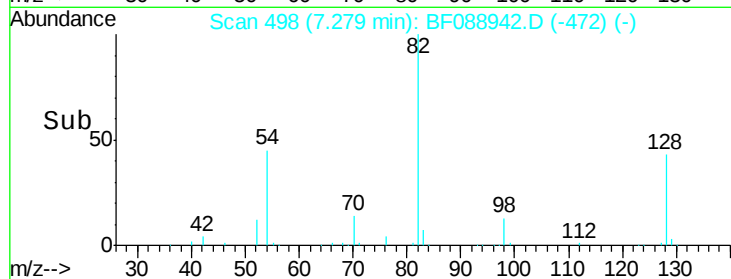
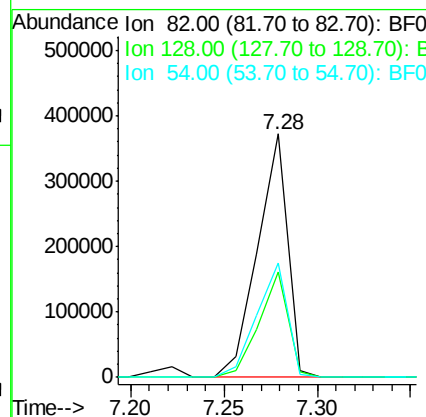
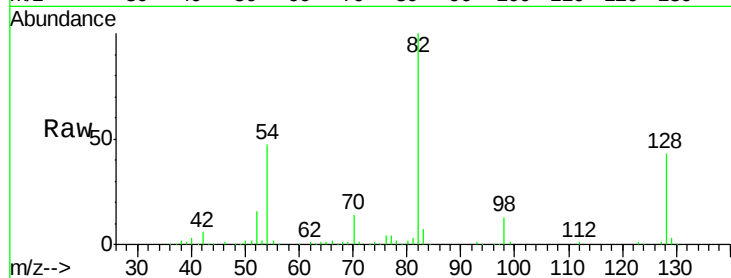
#23
Nitrobenzene-d5
Concen: 82.77 ng
RT: 7.28 min Scan# 498
Delta R.T. 0.00 min
Lab File: BF088942.D
Acq: 13 Jul 2016 3:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.9	53.9
54	46.8	40.9	61.3

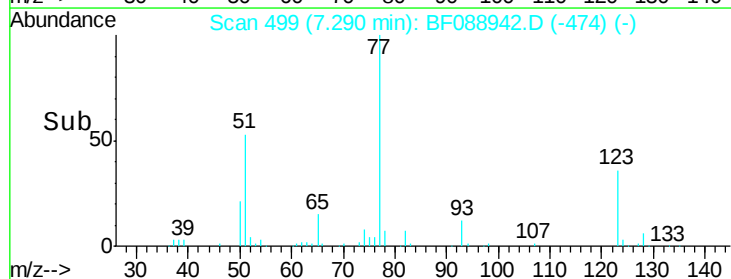
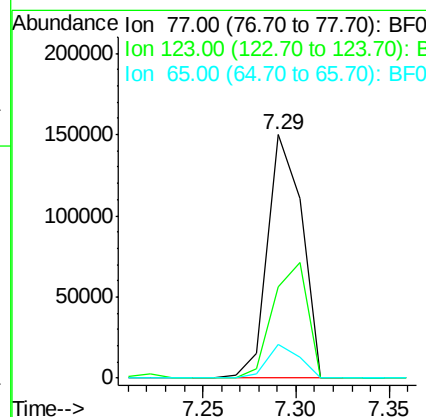
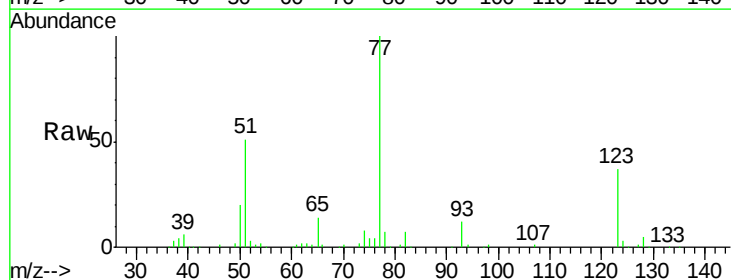
Manual Integrations

SOHIL
7/13/2016 9:25:44 AM



#24
Nitrobenzene
Concen: 37.63 ng
RT: 7.29 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF088942.D
Acq: 13 Jul 2016 3:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.5	45.0	67.4#
65	13.8	10.2	15.2





#25

Isophorone

Concen: 39.44 ng

RT: 7.54 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF088942.D

Acq: 13 Jul 2016 3:51

Instrument :

BNA_F

ClientSampleId :

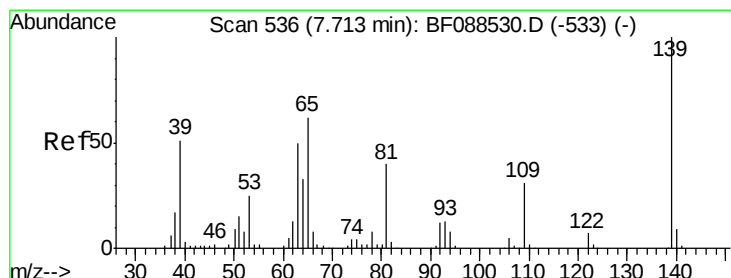
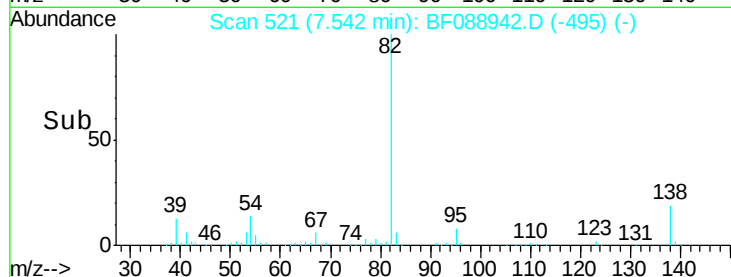
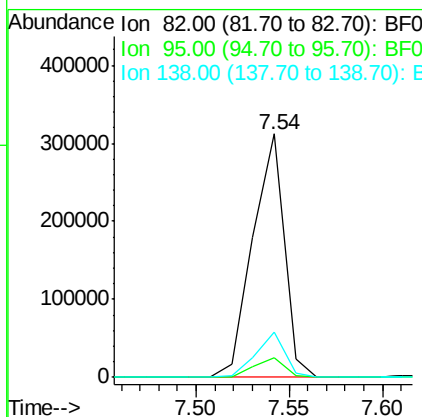
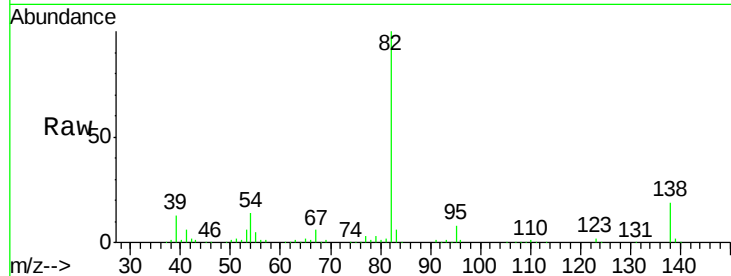
SSTDCCC040

Tot Ion:	82	Resp:	365929
Ion Ratio	Lower	Upper	
82	100		
95	7.9	5.4	8.2
138	18.8	14.6	21.8

Manual Integrations

SOHIL

7/13/2016 9:25:44 AM



#26

2-Nitrophenol

Concen: 46.03 ng

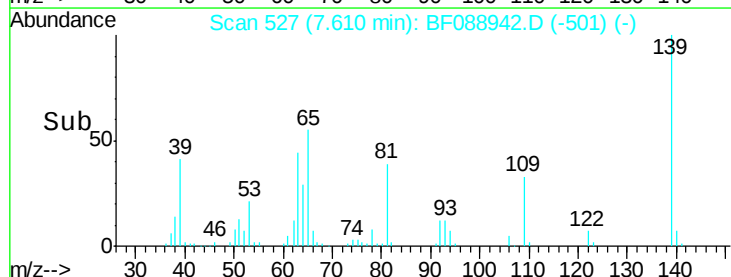
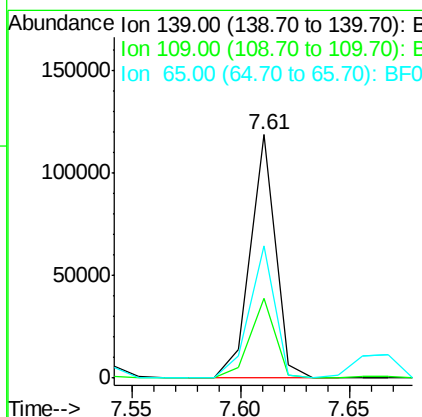
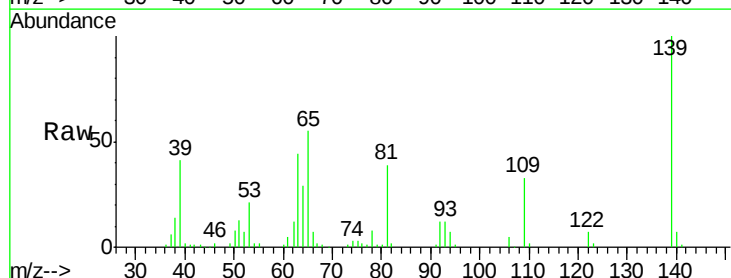
RT: 7.61 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF088942.D

Acq: 13 Jul 2016 3:51

Tgt Ion:	139	Resp:	95312
Ion Ratio	Lower	Upper	
139	100		
109	33.0	23.0	34.4
65	54.6	45.8	68.8





#27

2,4-Dimethylphenol

Concen: 38.87 ng

RT: 7.67 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF088942.D

Acq: 13 Jul 2016 3:51

Instrument :

BNA_F

ClientSampleId :

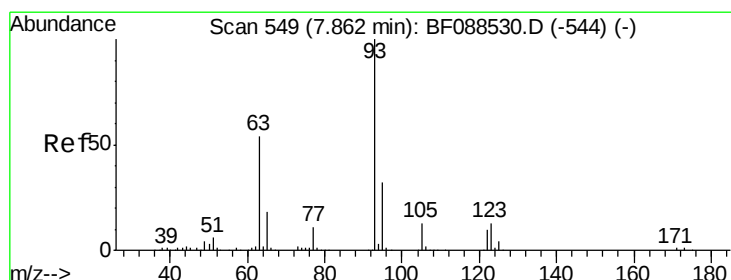
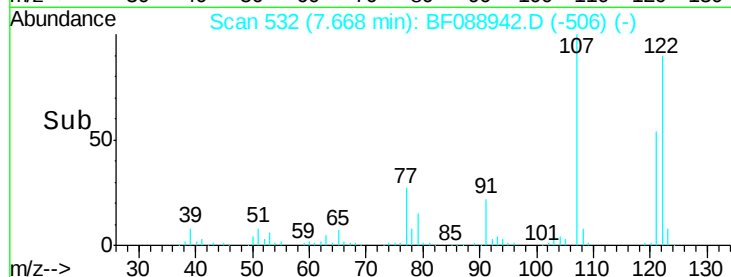
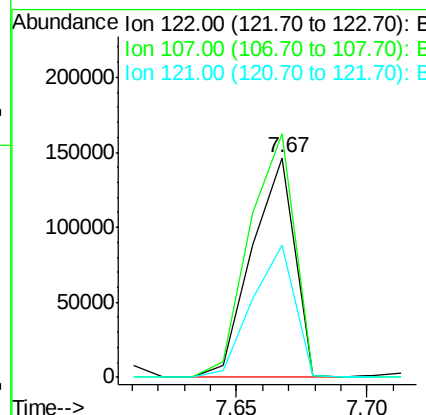
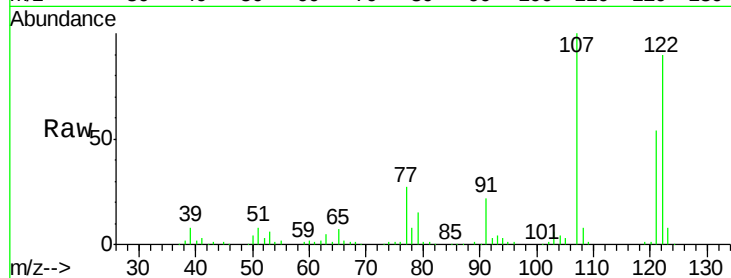
SSTDCCC040

Tot Ion:	122	Resp:	167644
Ion Ratio	Lower	Upper	
122	100		
107	110.8	82.4	123.6
121	60.0	46.3	69.5

Manual Integrations

SOHIL

7/13/2016 9:25:44 AM



#28

bis(2-Chloroethoxy)methane

Concen: 38.72 ng

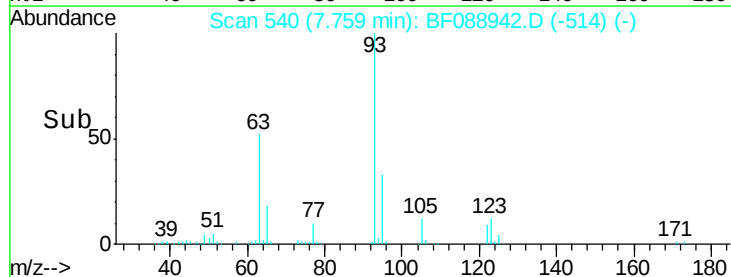
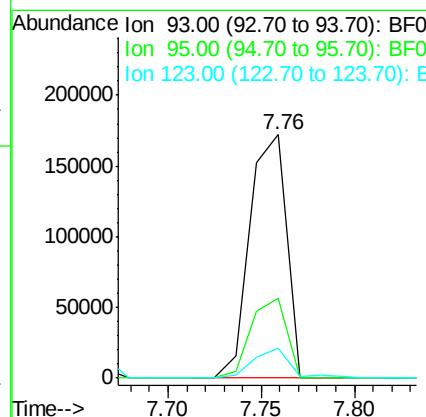
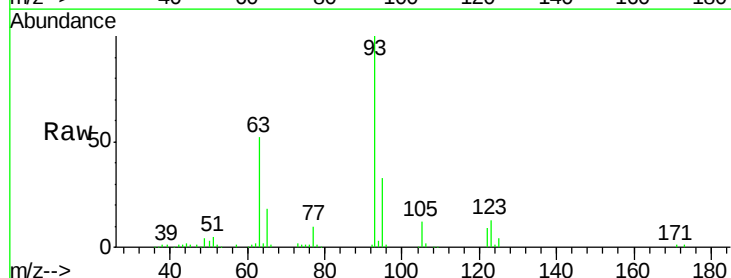
RT: 7.76 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF088942.D

Acq: 13 Jul 2016 3:51

Tgt Ion:	93	Resp:	233785
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.5	39.7
123	12.5	11.6	17.4





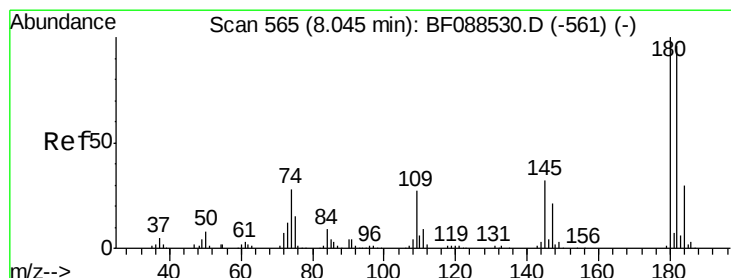
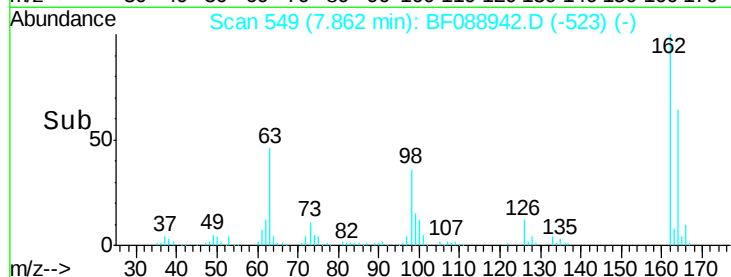
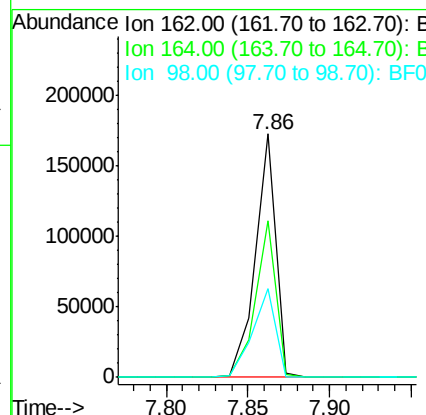
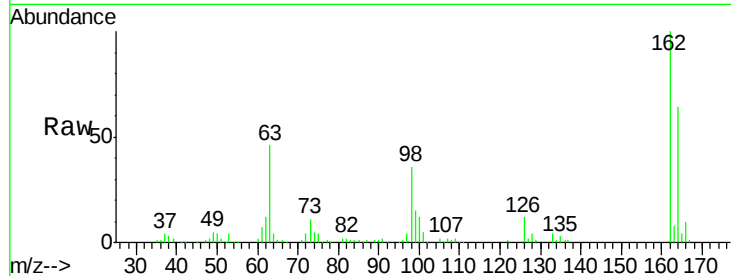
#29
 2,4-Dichlorophenol
 Concen: 43.25 ng
 RT: 7.86 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF088942.D
 Acq: 13 Jul 2016 3:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.8	83.8
98	36.3	21.3	61.3

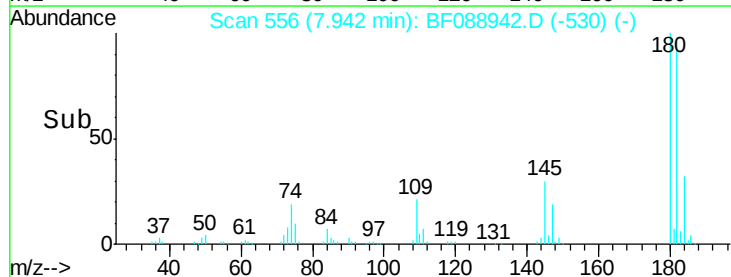
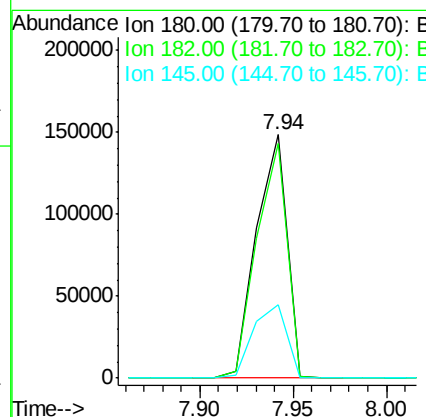
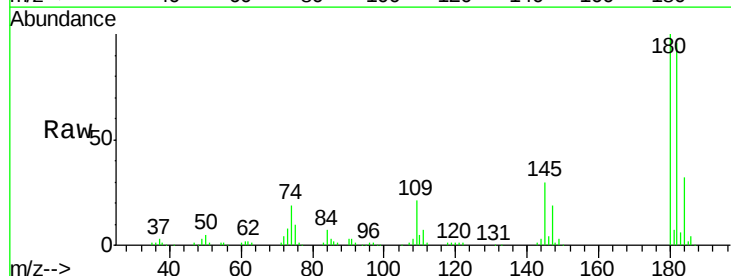
Manual Integrations

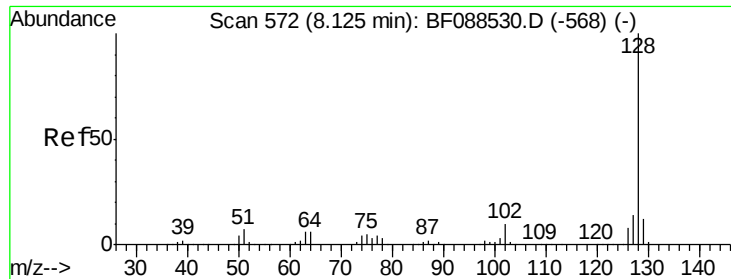
SOHIL
 7/13/2016 9:25:44 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 44.09 ng
 RT: 7.94 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: BF088942.D
 Acq: 13 Jul 2016 3:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.0	114.0
145	30.0	26.5	39.7





#31

Naphthalene

Concen: 40.73 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF088942.D

Acq: 13 Jul 2016 3:51

Instrument :

BNA_F

ClientSampleId :

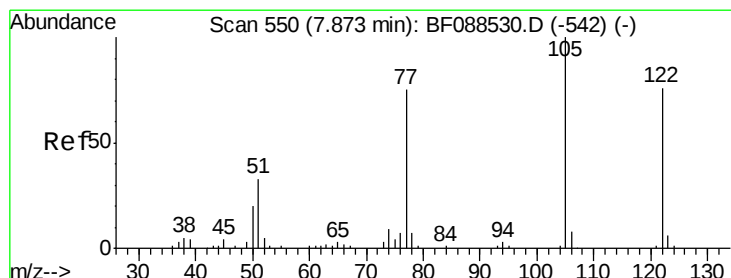
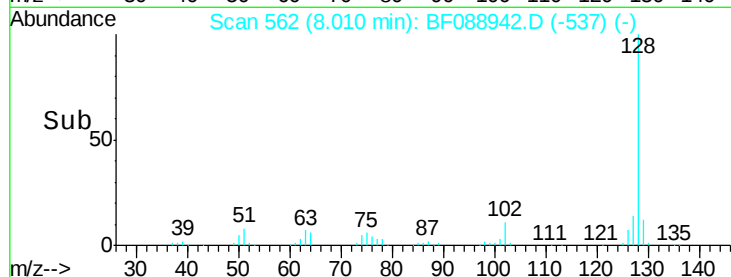
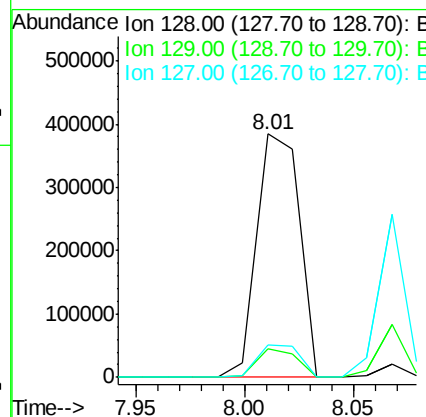
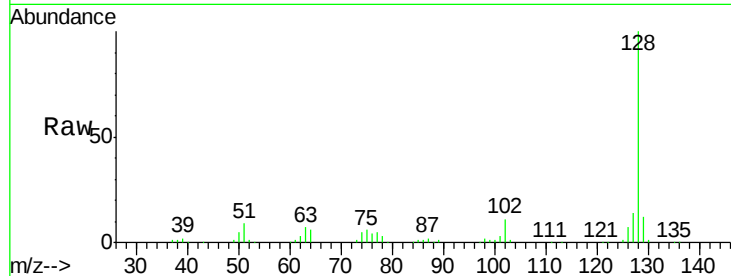
SSTDCCC040

Tot Ion:	128	Resp:	527049
Ion Ratio	Lower	Upper	
128	100		
129	11.5	9.4	14.2
127	13.6	10.9	16.3

Manual Integrations

SOHIL

7/13/2016 9:25:44 AM



#32

Benzoic acid

Concen: 27.53 ng

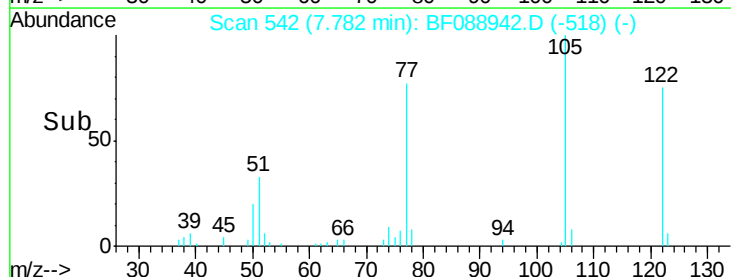
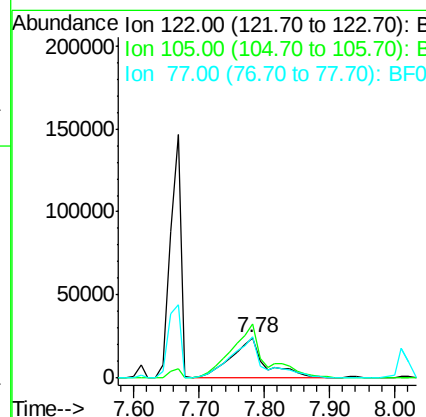
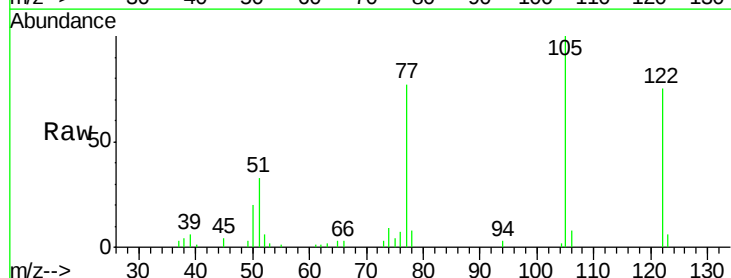
RT: 7.78 min Scan# 542

Delta R.T. -0.02 min

Lab File: BF088942.D

Acq: 13 Jul 2016 3:51

Tgt Ion:	122	Resp:	86206
Ion Ratio	Lower	Upper	
122	100		
105	133.8	101.6	141.6
77	102.7	70.6	110.6





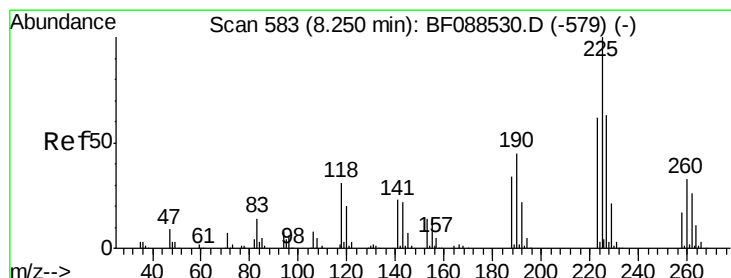
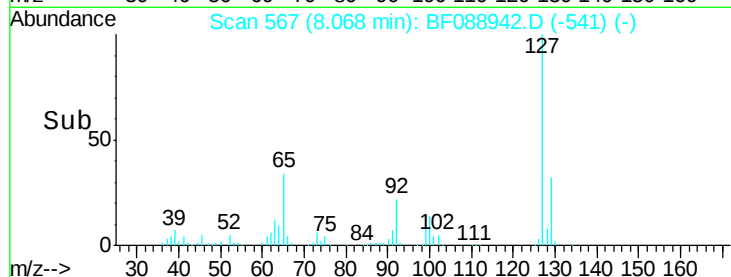
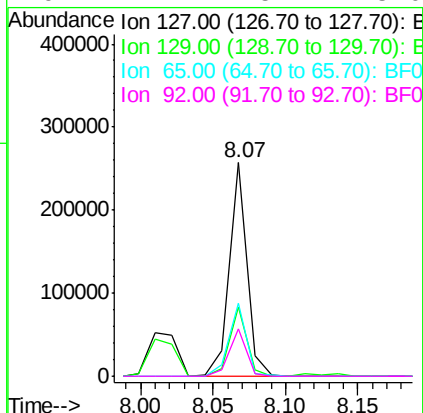
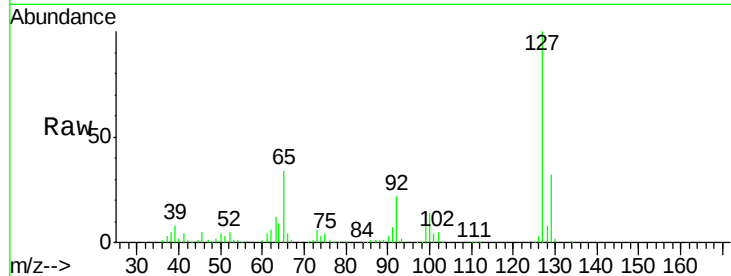
#33
4-Chloroaniline
Concen: 37.60 ng
RT: 8.07 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF088942.D
Acq: 13 Jul 2016 3:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216462	127	100			
	129	32.4	26.3	39.5	
	65	33.9	24.7	37.1	
	92	22.1	15.4	23.0	

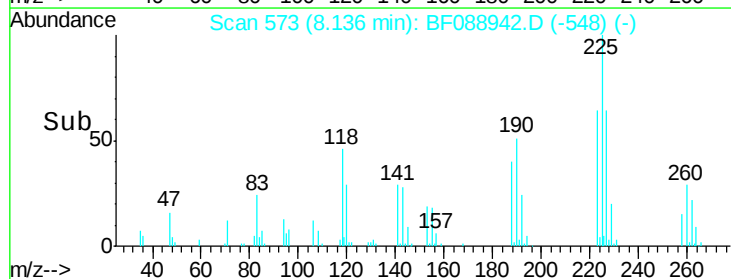
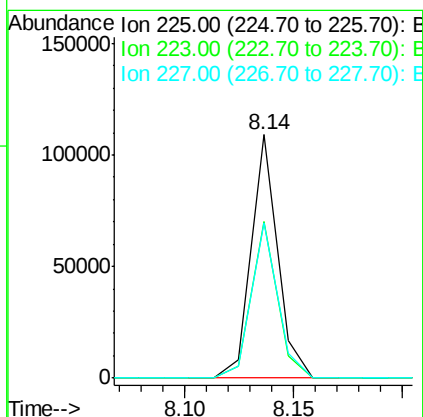
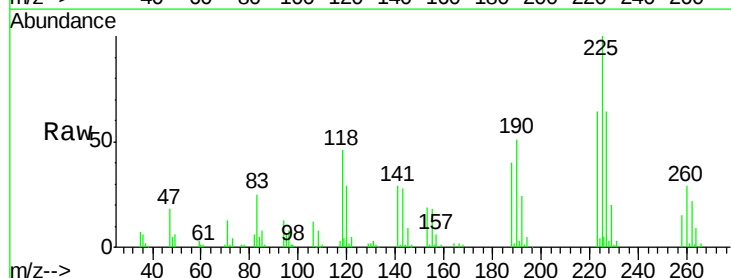
Manual Integrations

SOHIL
7/13/2016 9:25:44 AM



#34
Hexachlorobutadiene
Concen: 44.94 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF088942.D
Acq: 13 Jul 2016 3:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
92038	225	100			
	223	64.2	50.9	76.3	
	227	63.8	51.9	77.9	





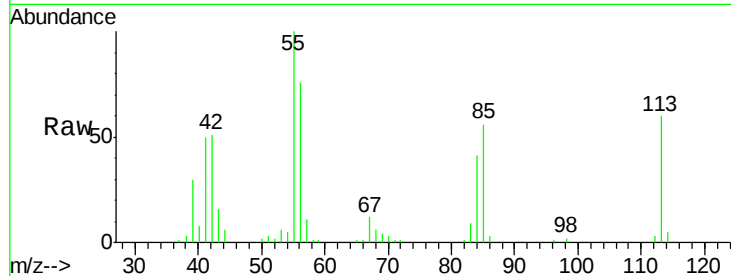
#35
 Caprolactam
 Concen: 31.79 ng
 RT: 8.44 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF088942.D
 Acq: 13 Jul 2016 3:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

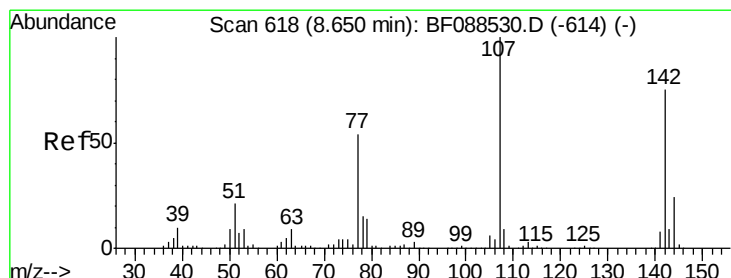
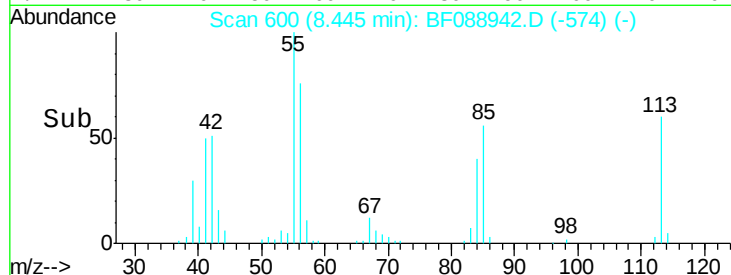
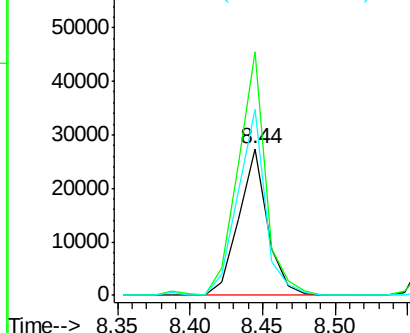
Tot Ion:113 Resp: 37635
 Ion Ratio Lower Upper
 113 100
 55 166.4 158.6 198.6
 56 126.8 110.6 150.6

Manual Integrations

APPROVED
 SOHIL
 7/13/2016 9:25:44 AM

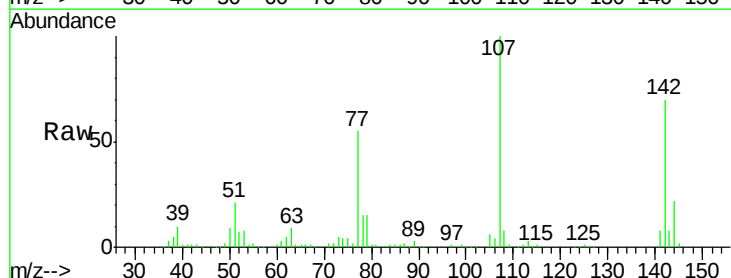


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

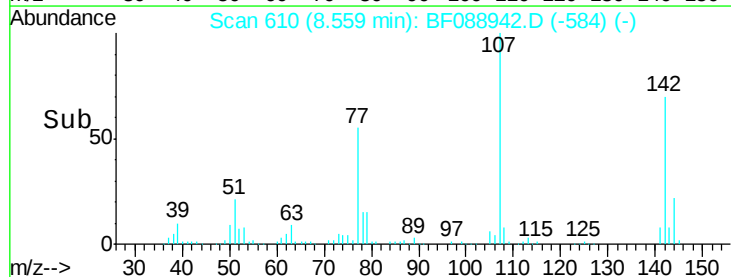
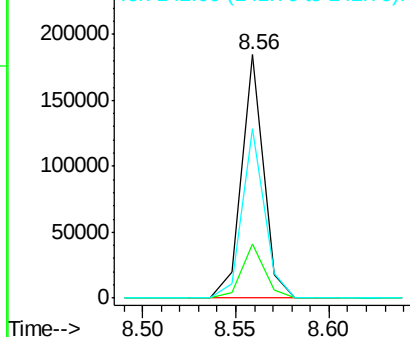


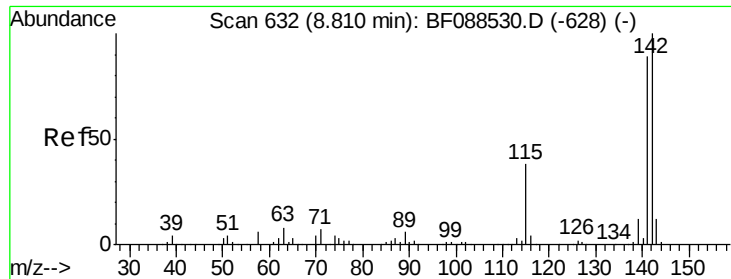
#36
 4-Chloro-3-methylphenol
 Concen: 37.09 ng
 RT: 8.56 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF088942.D
 Acq: 13 Jul 2016 3:51

Tgt Ion:107 Resp: 152888
 Ion Ratio Lower Upper
 107 100
 144 22.1 20.8 31.2
 142 69.6 63.4 95.2



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





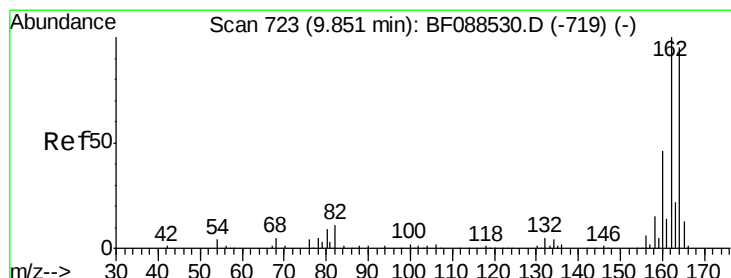
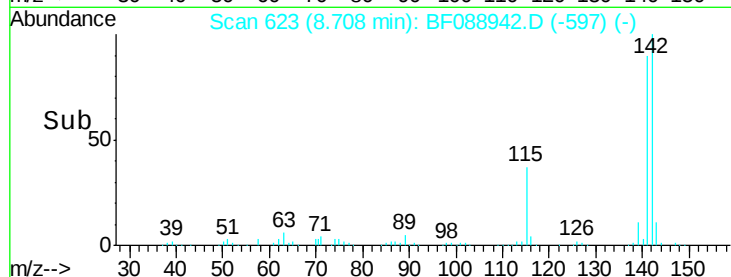
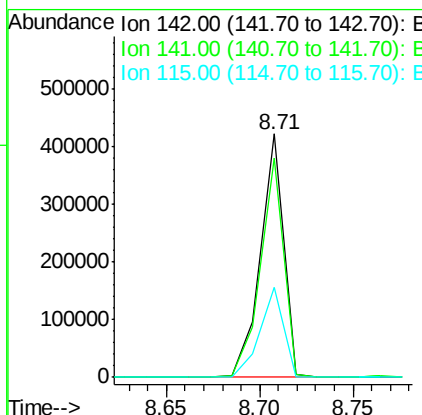
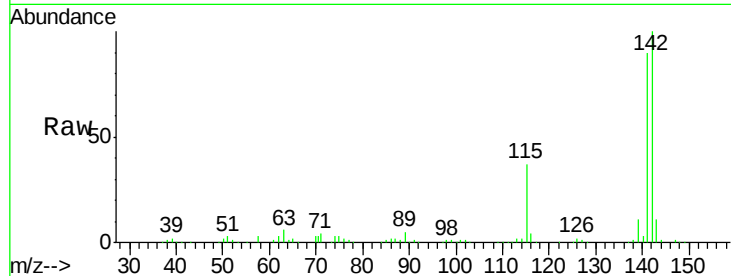
#37
2-Methylnaphthalene
Concen: 43.22 ng
RT: 8.71 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF088942.D
Acq: 13 Jul 2016 3:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.0	106.6
115	36.9	22.6	33.8

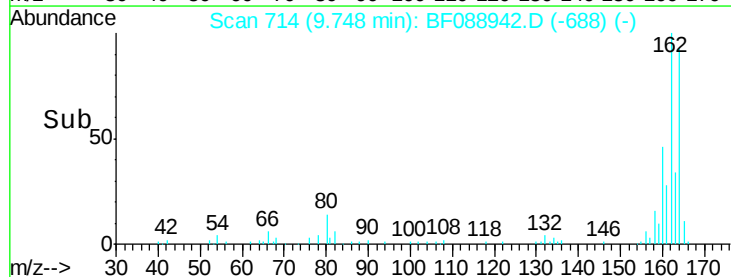
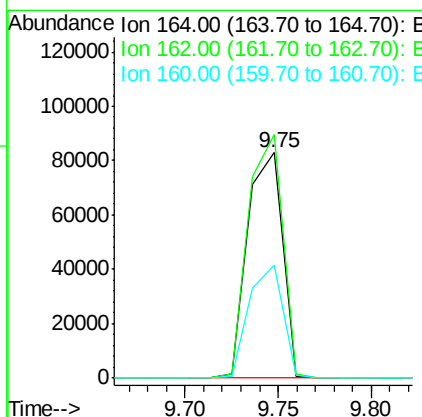
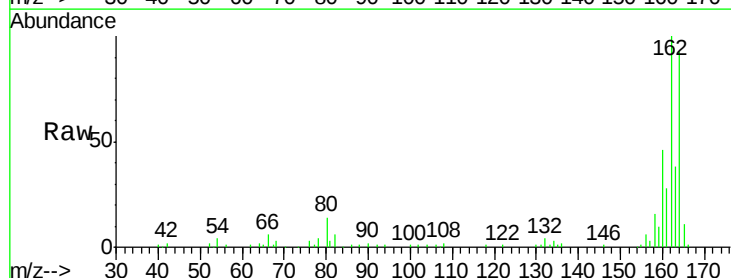
Manual Integrations

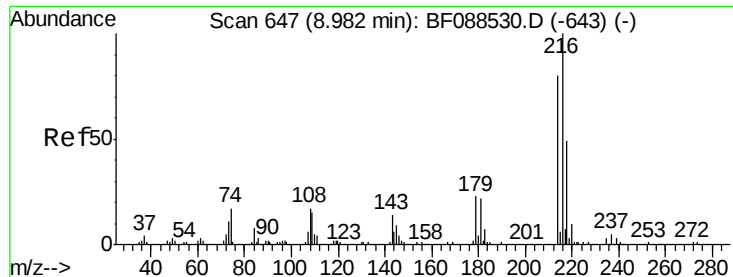
SOHIL
7/13/2016 9:25:44 AM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF088942.D
Acq: 13 Jul 2016 3:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.0	85.4	128.2
160	49.9	39.5	59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.24 ng

RT: 8.88 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF088942.D

Acq: 13 Jul 2016 3:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 172188
Ion Ratio Lower Upper

216 100

214 79.8 2.9 4.3#

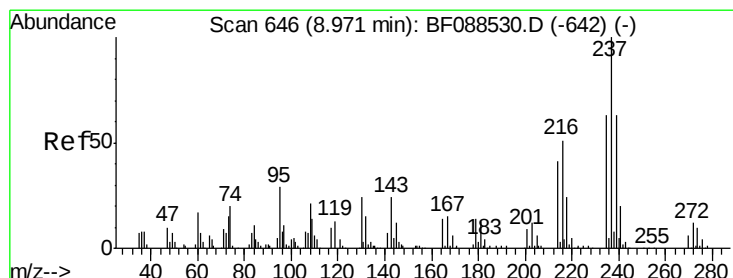
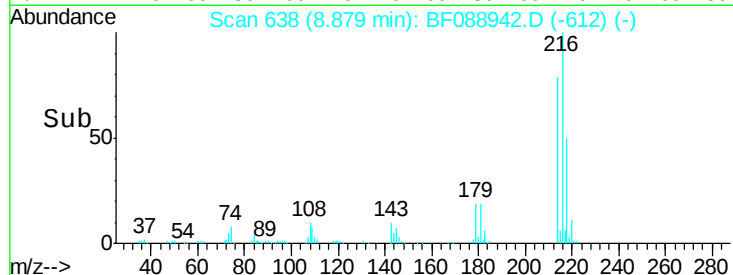
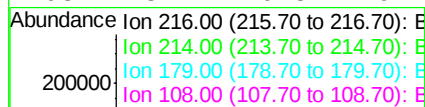
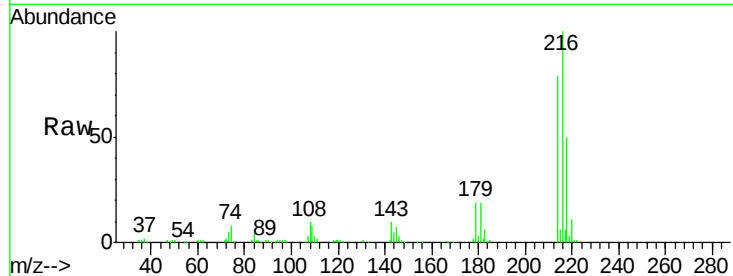
179 22.3 0.0 0.0#

108 18.4 0.5 0.7#

Manual Integrations

SOHIL

7/13/2016 9:25:44 AM



#40

Hexachlorocyclopentadiene

Concen: 12.47 ng

RT: 8.87 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF088942.D

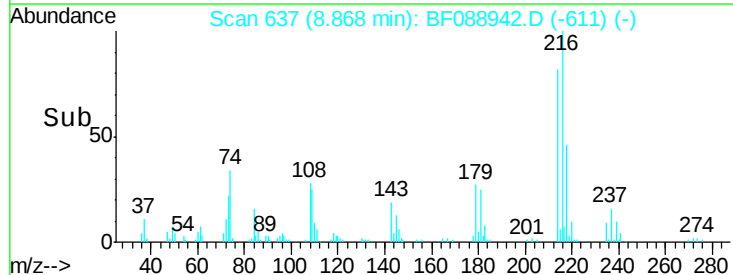
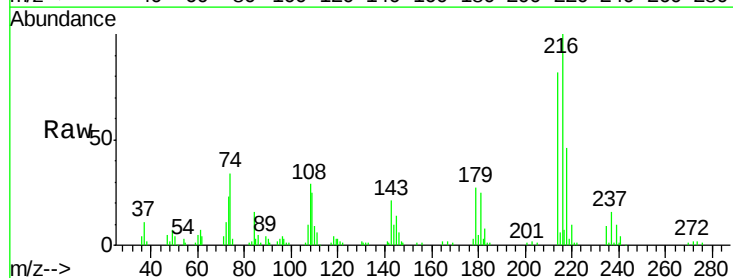
Acq: 13 Jul 2016 3:51

Tgt Ion:237 Resp: 21840
Ion Ratio Lower Upper

237 100

235 61.0 43.4 83.4

272 15.3 0.0 32.3





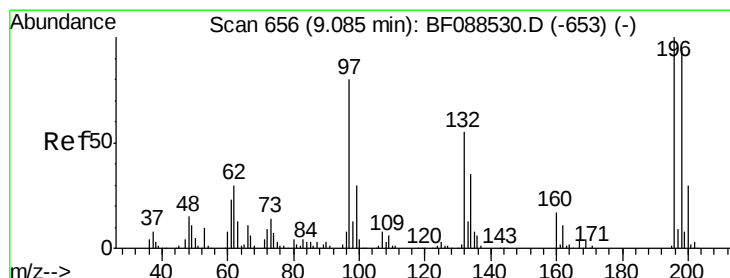
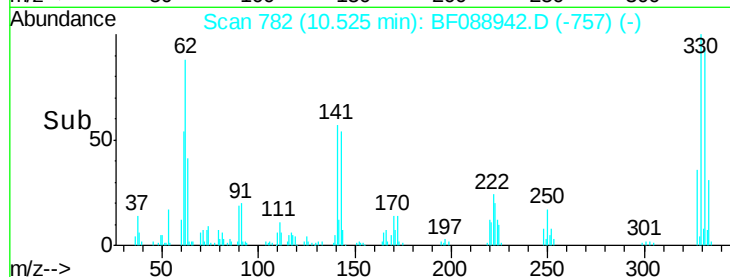
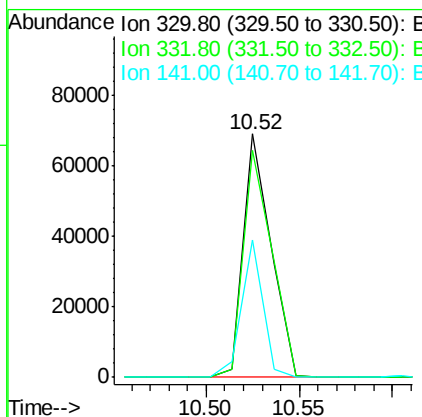
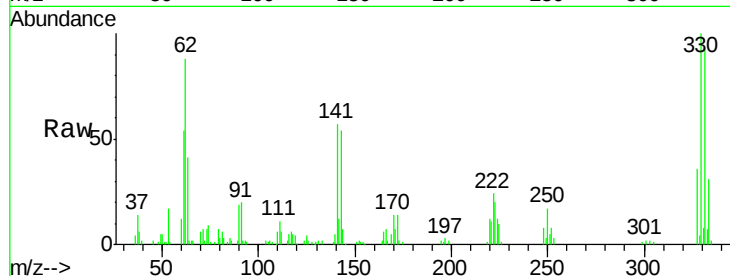
#41
 2,4,6-Tribromophenol
 Concen: 71.85 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF088942.D
 Acq: 13 Jul 2016 3:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	44.2	0.0	0.0#

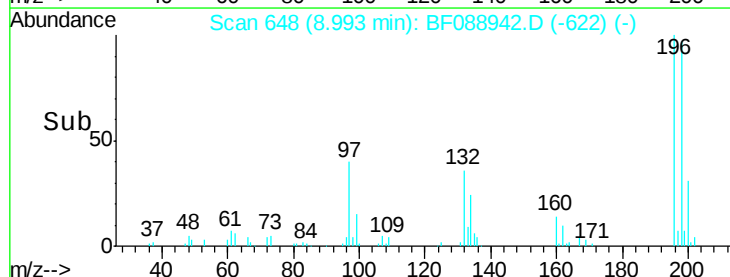
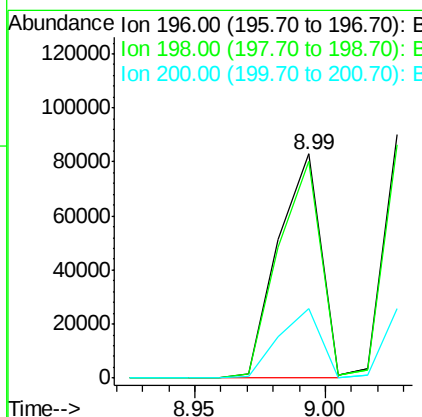
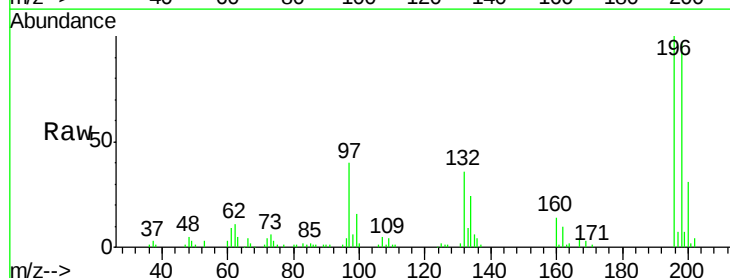
Manual Integrations

SOHIL
 7/13/2016 9:25:44 AM



#42
 2,4,6-Trichlorophenol
 Concen: 39.87 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF088942.D
 Acq: 13 Jul 2016 3:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.6	78.0	117.0
200	31.1	25.4	38.2





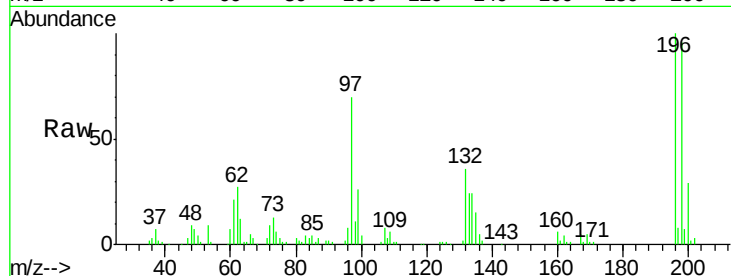
#43
2,4,5-Trichlorophenol
Concen: 41.97 ng
RT: 9.03 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF088942.D
Acq: 13 Jul 2016 3:51

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

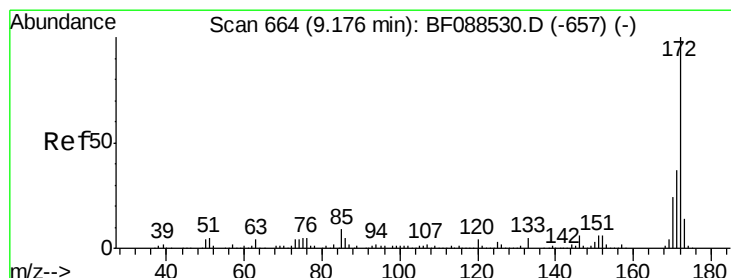
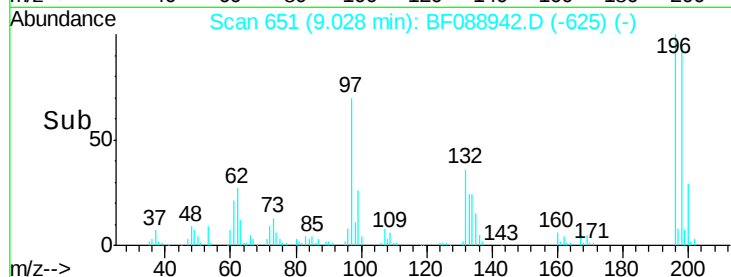
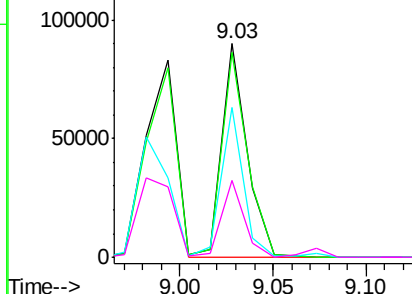
Tot Ion:	196	Resp:	84984
Ion Ratio	Lower	Upper	
196	100		
198	95.6	77.5	116.3
97	70.4	32.0	48.0#
132	35.7	20.9	31.3#

Manual Integrations

SOHIL
7/13/2016 9:25:44 AM



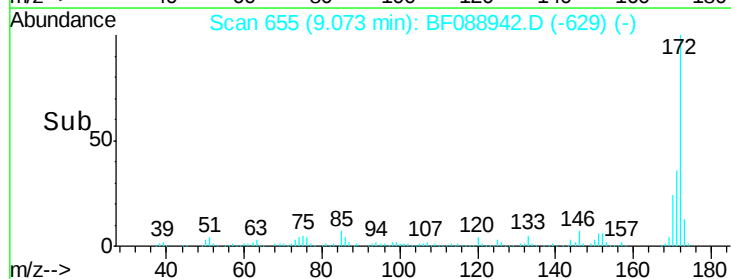
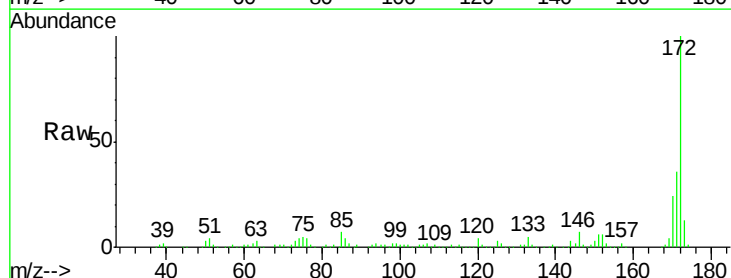
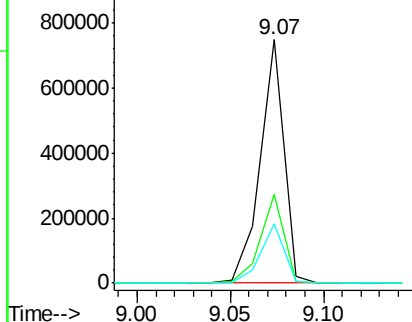
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 96.02 ng
RT: 9.07 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF088942.D
Acq: 13 Jul 2016 3:51

Tgt Ion:	172	Resp:	652357
Ion Ratio	Lower	Upper	
172	100		
171	36.5	28.6	43.0
170	24.3	19.2	28.8

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: 46.29 ng

RT: 9.18 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF088942.D

Acq: 13 Jul 2016 3:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 411356

Ion Ratio Lower Upper

154 100

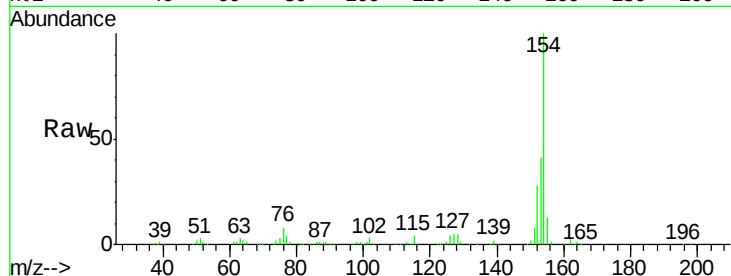
153 40.9 20.6 60.6

76 7.8 0.0 35.1

Manual Integrations

SOHIL

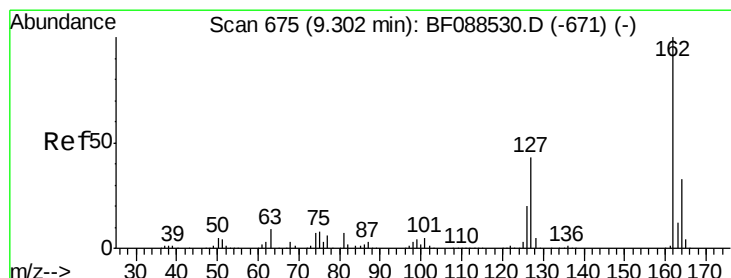
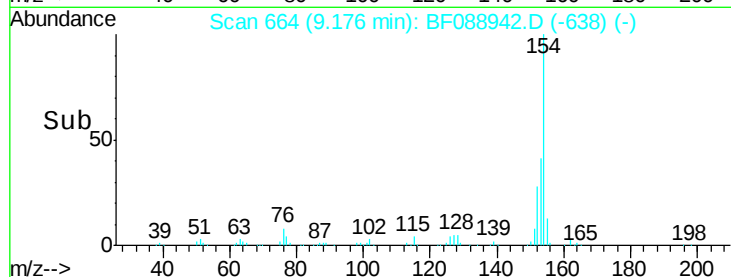
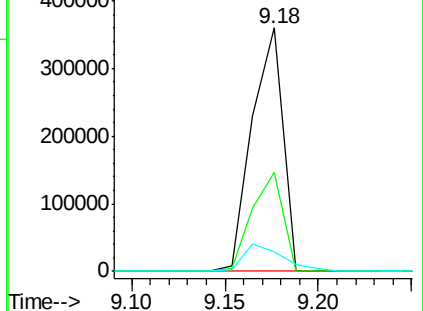
7/13/2016 9:25:44 AM



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: 43.04 ng

RT: 9.19 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF088942.D

Acq: 13 Jul 2016 3:51

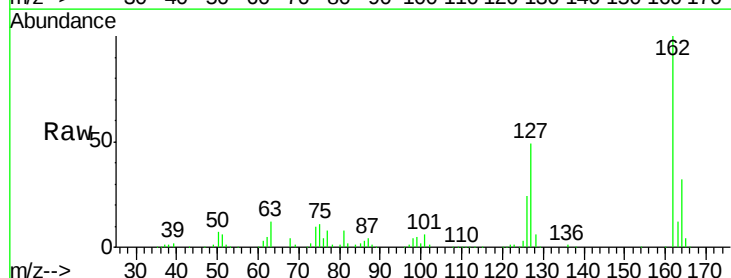
Tgt Ion:162 Resp: 300238

Ion Ratio Lower Upper

162 100

127 49.5 35.2 52.8

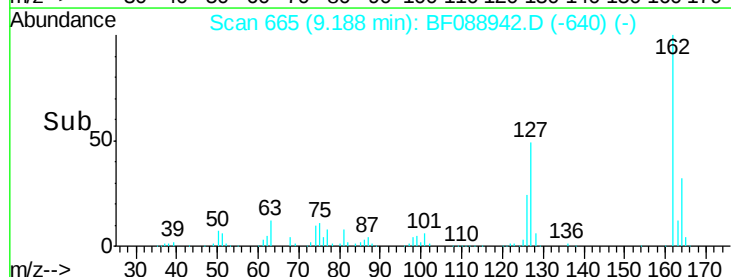
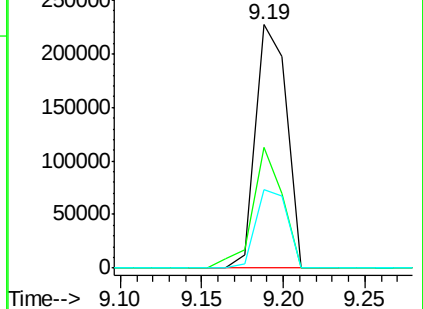
164 32.3 26.6 39.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





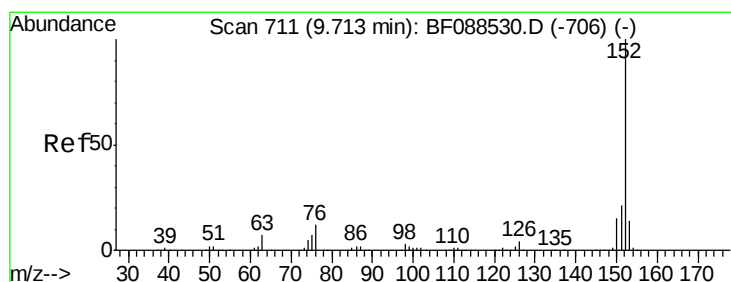
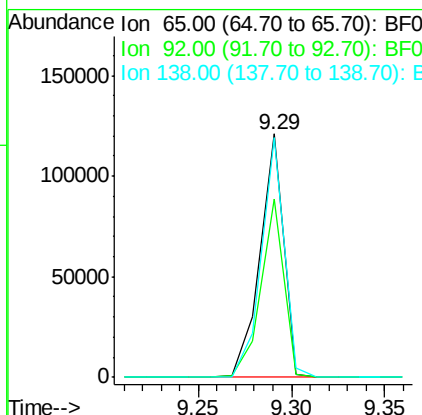
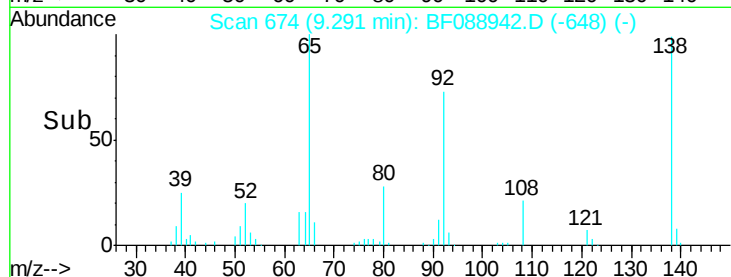
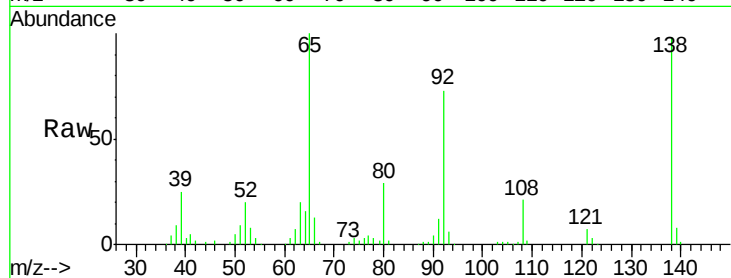
#47
2-Nitroaniline
Concen: 42.51 ng
RT: 9.29 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF088942.D
Acq: 13 Jul 2016 3:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.2	54.6	82.0
138	98.3	77.0	115.4

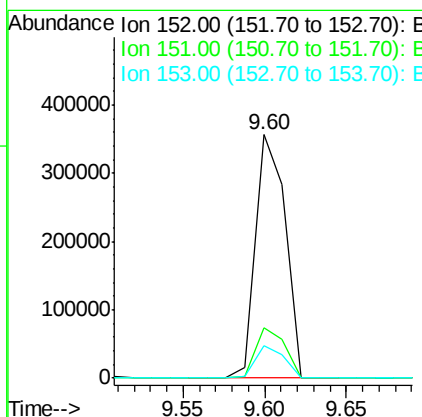
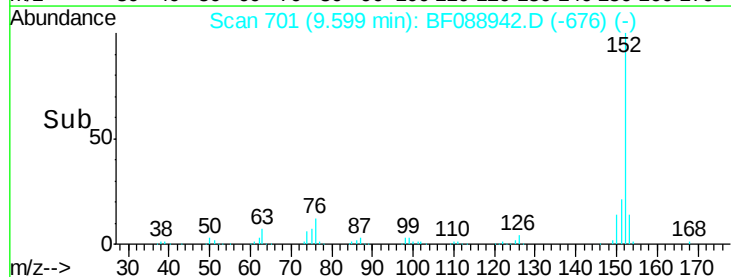
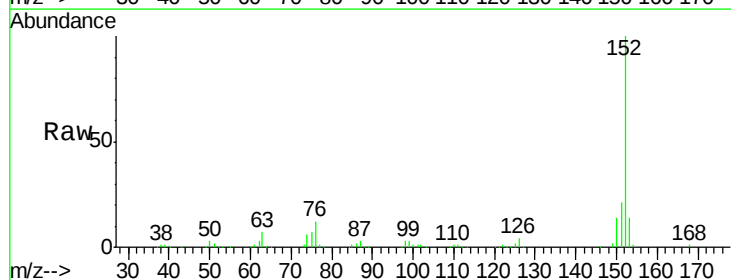
Manual Integrations

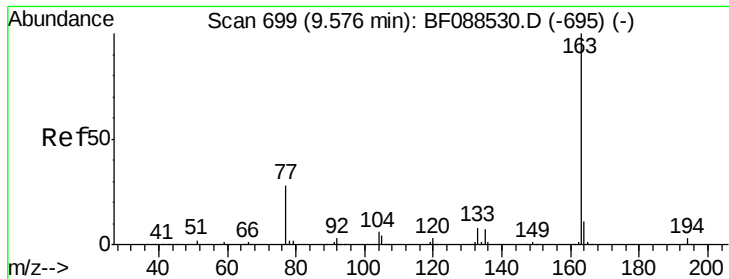
APPROVED
SOHIL
7/13/2016 9:25:44 AM



#48
Acenaphthylene
Concen: 40.65 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.01 min
Lab File: BF088942.D
Acq: 13 Jul 2016 3:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4
153	13.6	11.0	16.6





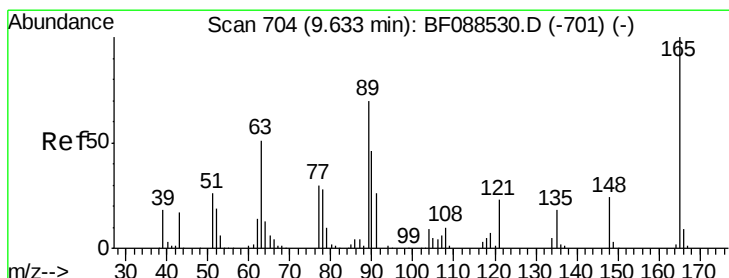
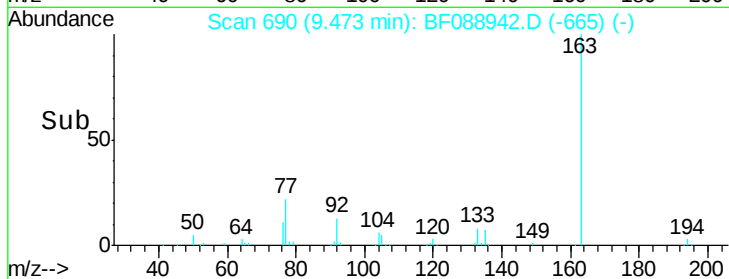
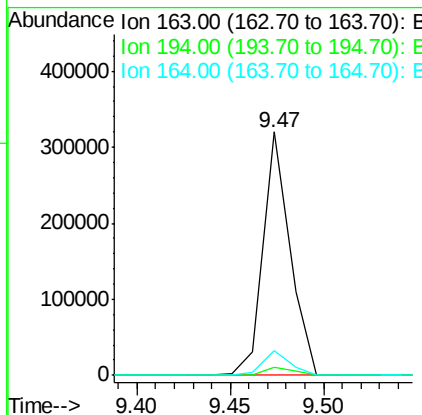
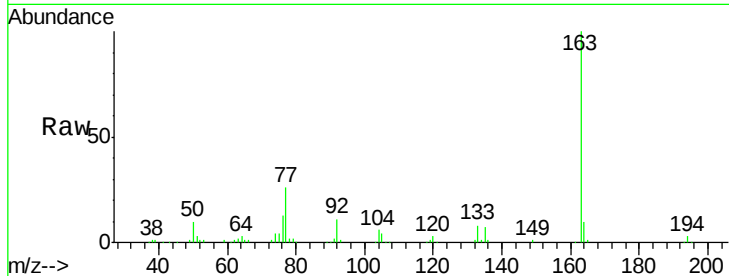
#49
Dimethylphthalate
Concen: 41.52 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF088942.D
Acq: 13 Jul 2016 3:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.3	8.3	12.5

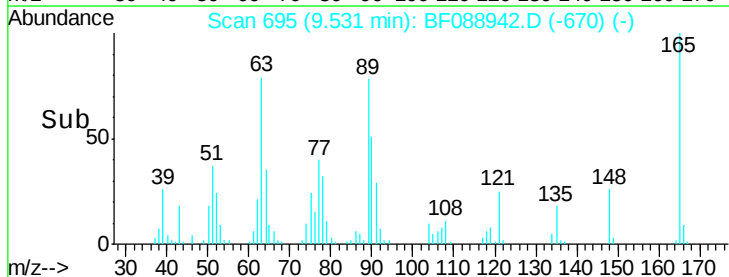
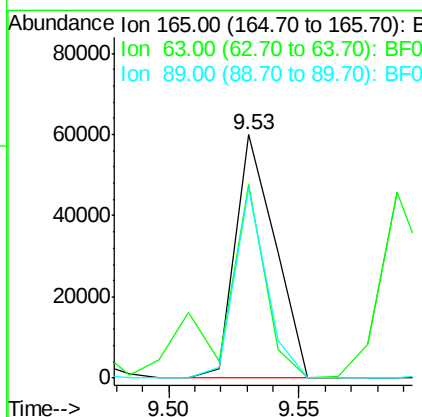
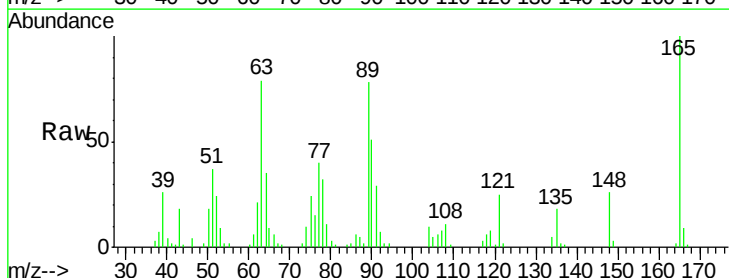
Manual Integrations

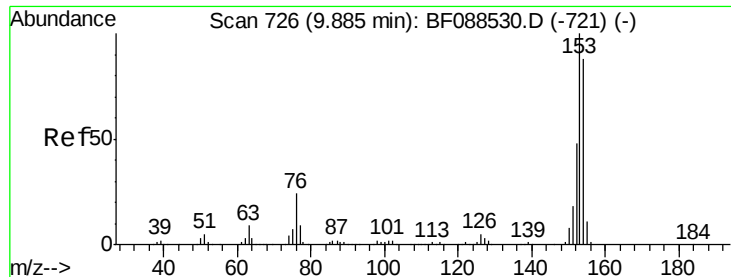
SOHIL
7/13/2016 9:25:44 AM



#50
2,6-Dinitrotoluene
Concen: 37.85 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF088942.D
Acq: 13 Jul 2016 3:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	79.4	28.1	42.1#
89	78.2	32.2	48.2#





#51

Acenaphthene

Concen: 40.11 ng

RT: 9.78 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF088942.D

Acq: 13 Jul 2016 3:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 272899

Ion Ratio Lower Upper

154 100

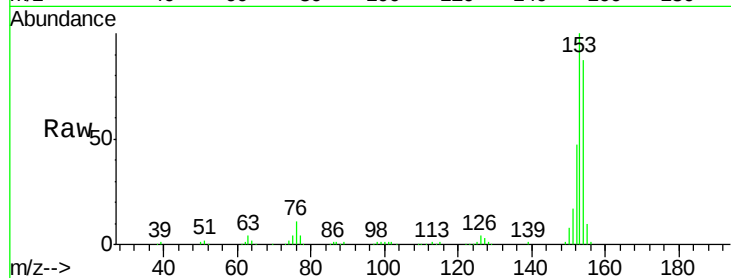
153 115.0 89.5 134.3

152 53.6 42.7 64.1

Manual Integrations

SOHIL

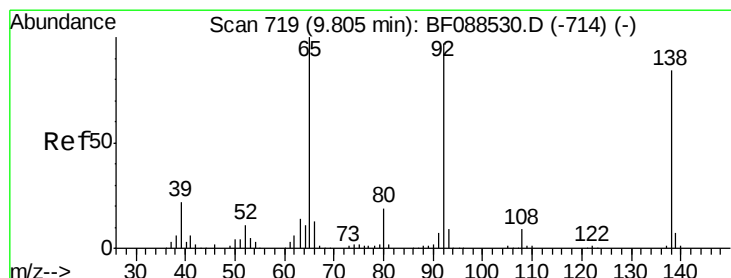
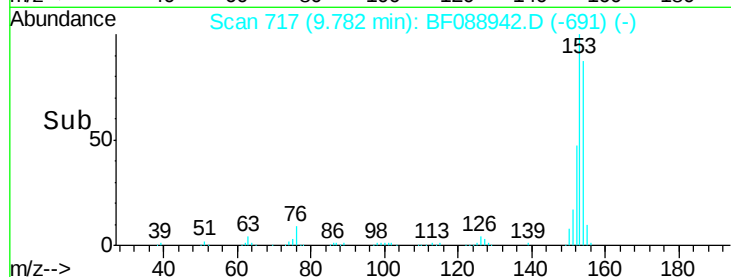
7/13/2016 9:25:44 AM



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: 41.21 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF088942.D

Acq: 13 Jul 2016 3:51

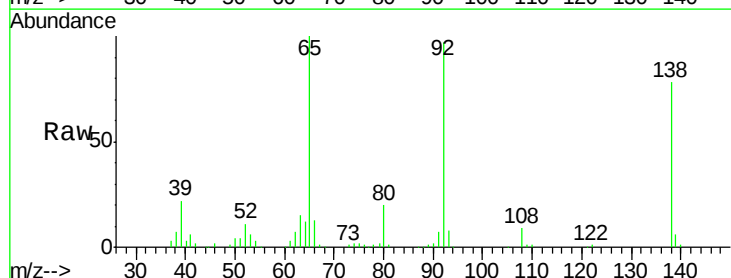
Tgt Ion:138 Resp: 88781

Ion Ratio Lower Upper

138 100

108 11.3 8.5 12.7

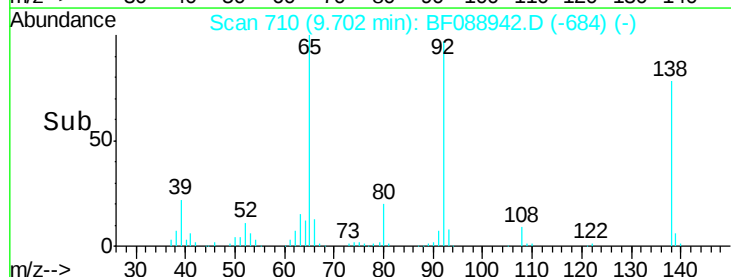
92 123.6 95.7 143.5



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





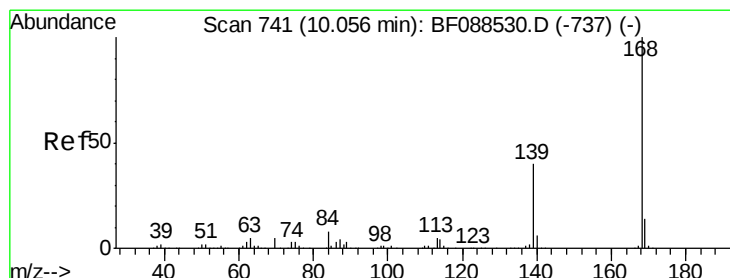
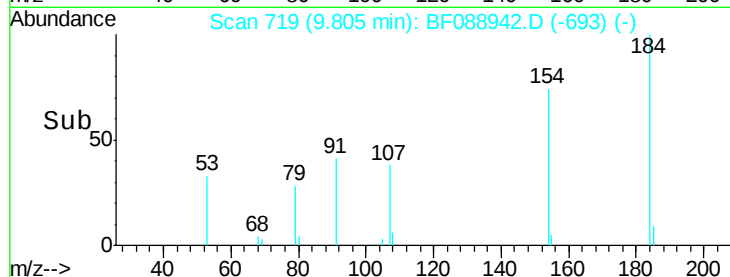
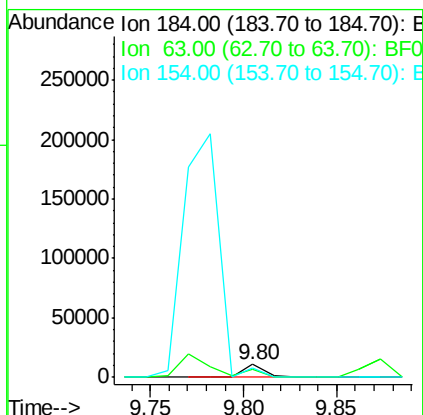
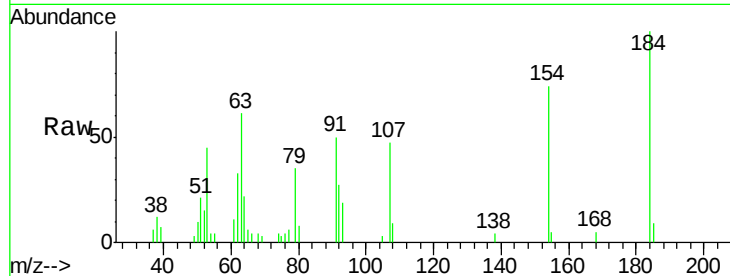
#53
2,4-Dinitrophenol
Concen: 11.87 ng
RT: 9.80 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF088942.D
Acq: 13 Jul 2016 3:51

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion:184 Resp: 8882
Ion Ratio Lower Upper
184 100
63 61.1 57.6 86.4
154 73.9 53.5 80.3

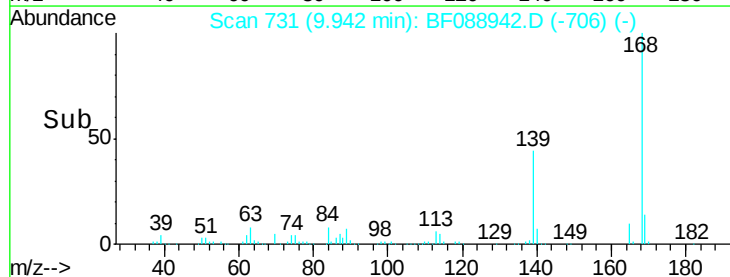
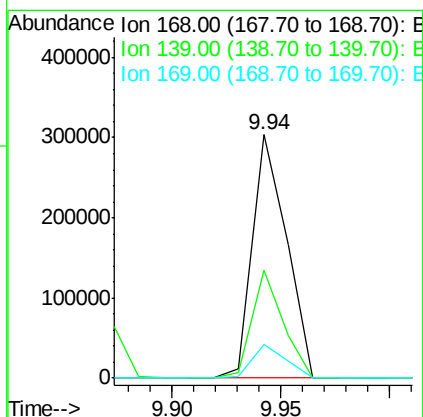
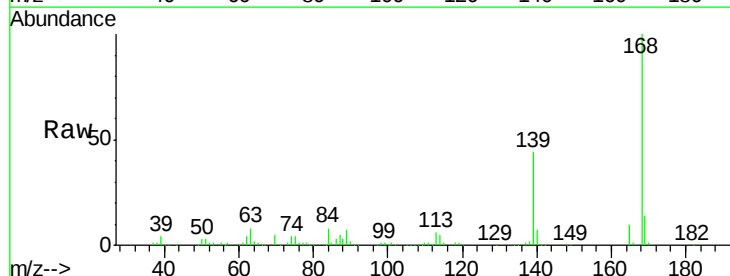
Manual Integrations

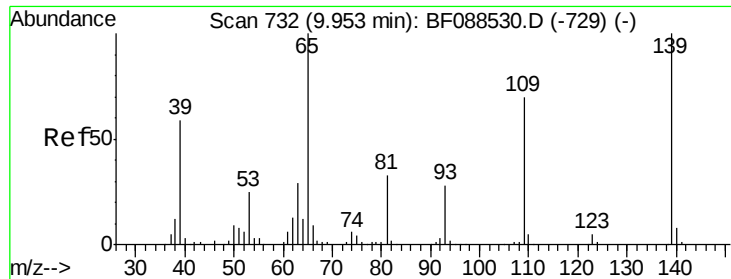
SOHIL
7/13/2016 9:25:44 AM



#54
Dibenzofuran
Concen: 37.18 ng
RT: 9.94 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF088942.D
Acq: 13 Jul 2016 3:51

Tgt Ion:168 Resp: 331105
Ion Ratio Lower Upper
168 100
139 44.4 26.4 39.6#
169 13.8 10.4 15.6





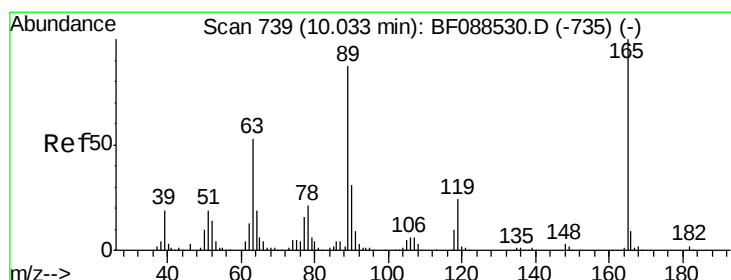
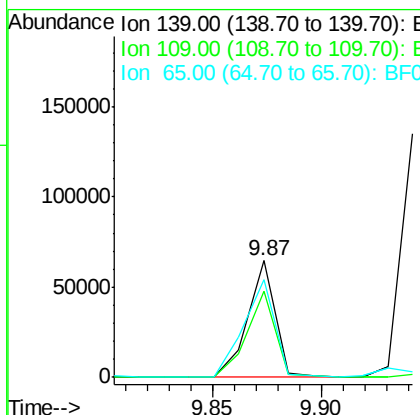
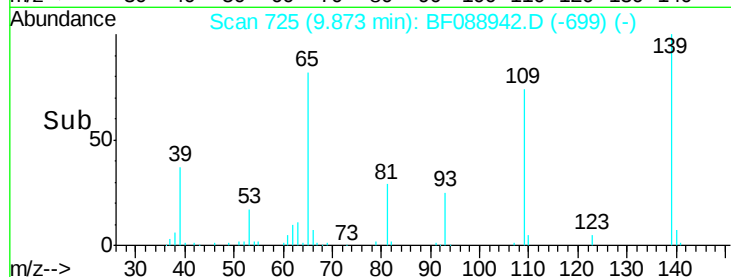
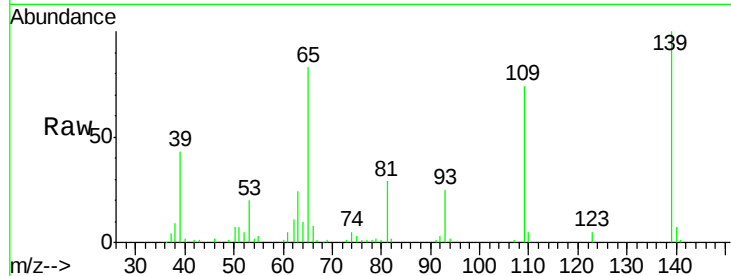
#55
4-Nitrophenol
Concen: 34.69 ng
RT: 9.87 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF088942.D
Acq: 13 Jul 2016 3:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	74.1	48.9	88.9
65	83.3	84.9	124.9#

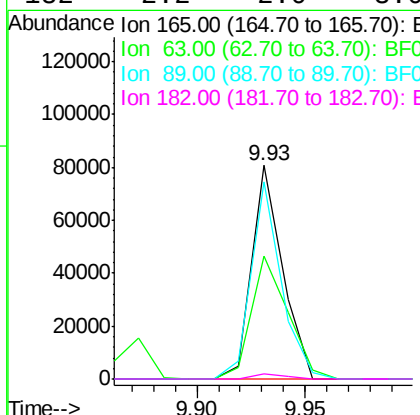
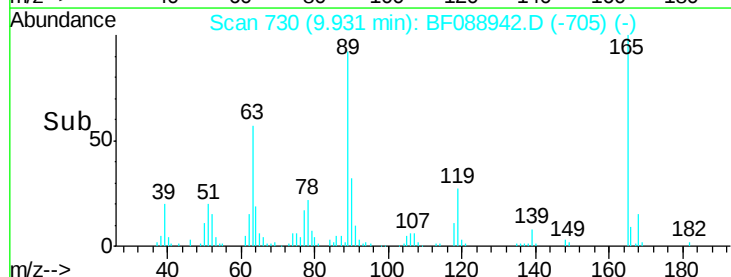
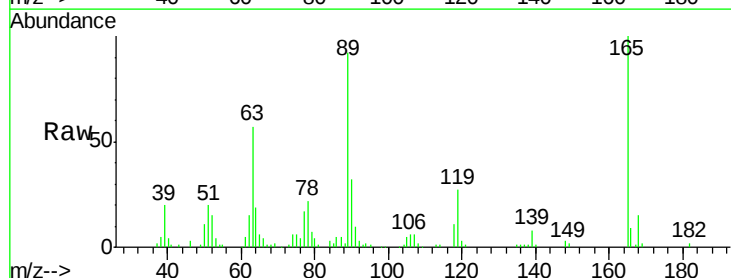
Manual Integrations

APPROVED
SOHIL
7/13/2016 9:25:44 AM



#56
2,4-Dinitrotoluene
Concen: 35.80 ng
RT: 9.93 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF088942.D
Acq: 13 Jul 2016 3:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	57.4	22.0	33.0#
89	92.1	41.1	61.7#
182	2.2	2.0	3.0





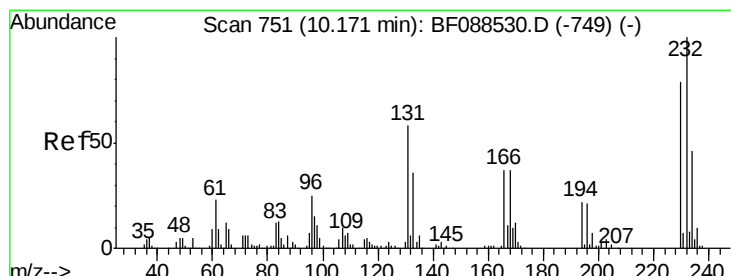
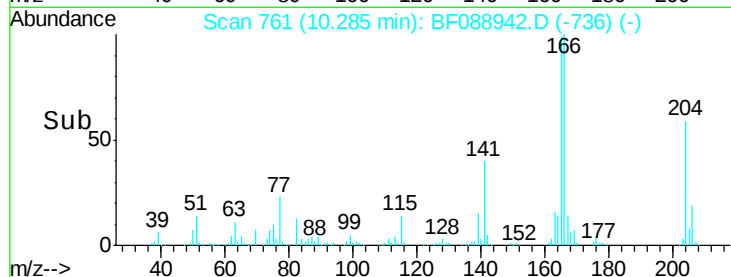
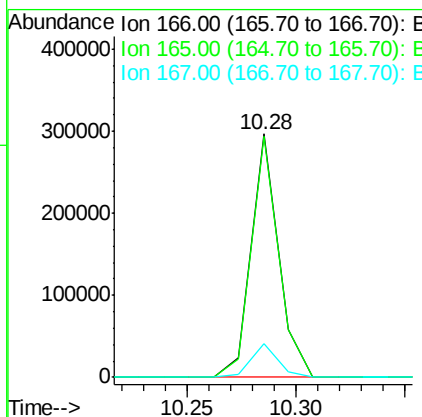
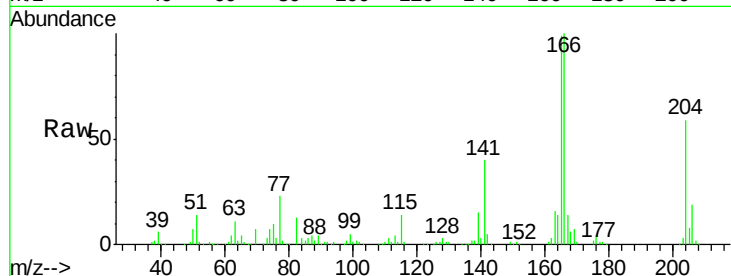
#57
 Fluorene
 Concen: 37.89 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF088942.D
 Acq: 13 Jul 2016 3:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.2	77.8	116.8
167	13.9	11.2	16.8

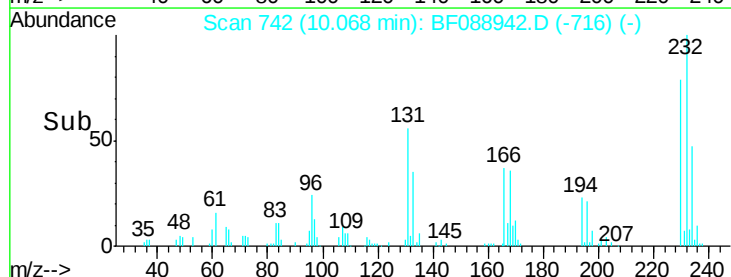
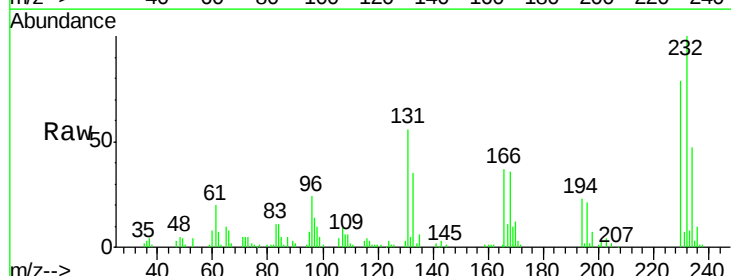
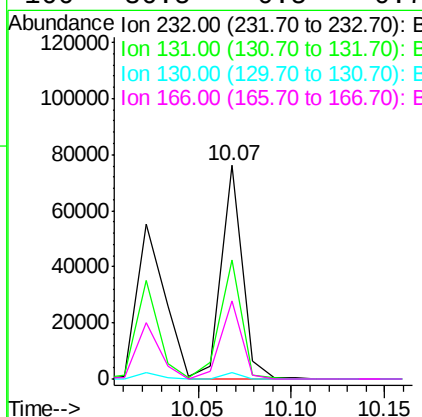
Manual Integrations

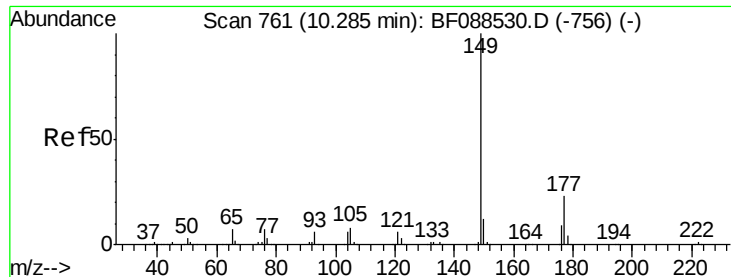
SOHIL
 7/13/2016 9:25:44 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.59 ng
 RT: 10.07 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF088942.D
 Acq: 13 Jul 2016 3:51

Tgt Ion	Ratio	Lower	Upper
232	100		
131	57.2	0.9	1.3#
130	2.6	1.5	2.3#
166	36.5	0.5	0.7#





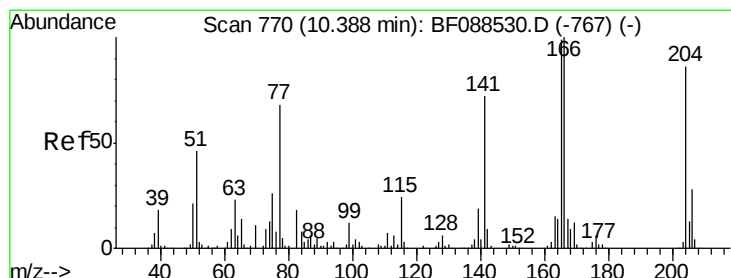
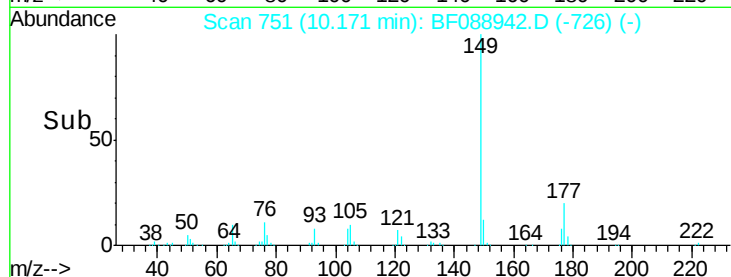
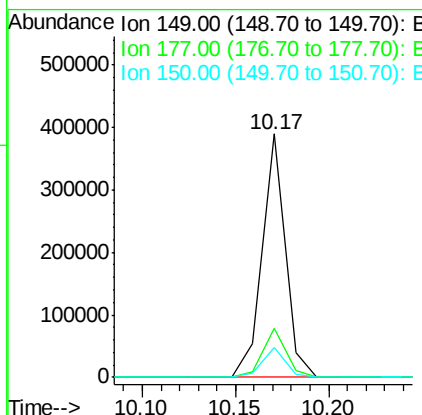
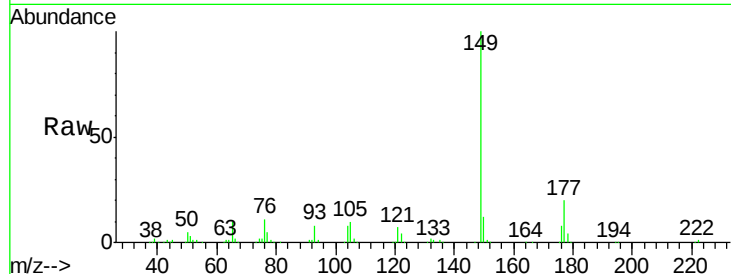
#59
Diethylphthalate
Concen: 43.23 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF088942.D
Acq: 13 Jul 2016 3:51

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.1	16.9	25.3
150	12.3	10.1	15.1

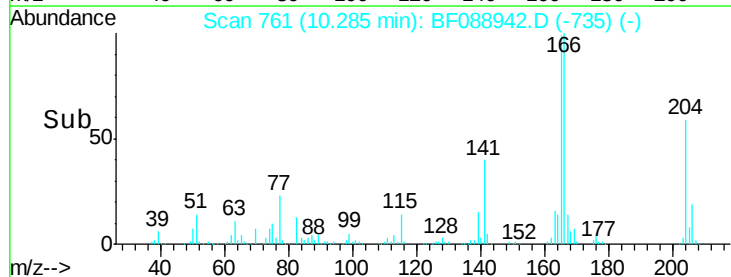
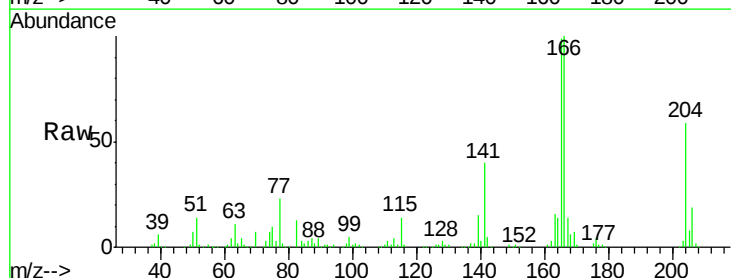
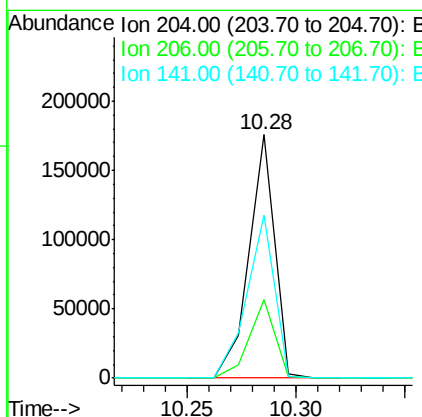
Manual Integrations

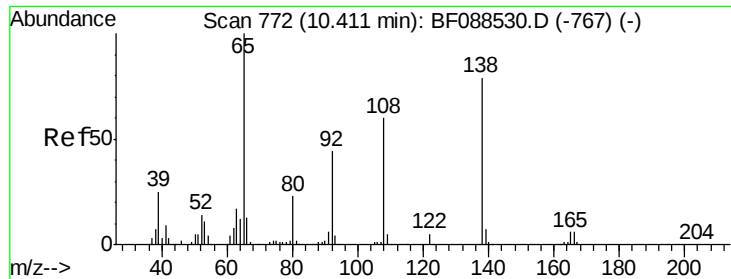
APPROVED
SOHIL
7/13/2016 9:25:44 AM



#60
4-Chlorophenyl-phenylether
Concen: 45.18 ng
RT: 10.28 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF088942.D
Acq: 13 Jul 2016 3:51

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.3	39.5
141	66.8	55.0	82.6





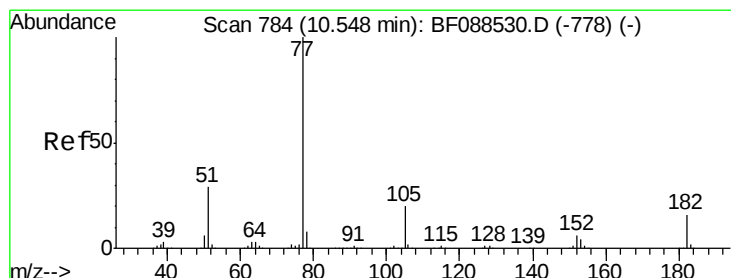
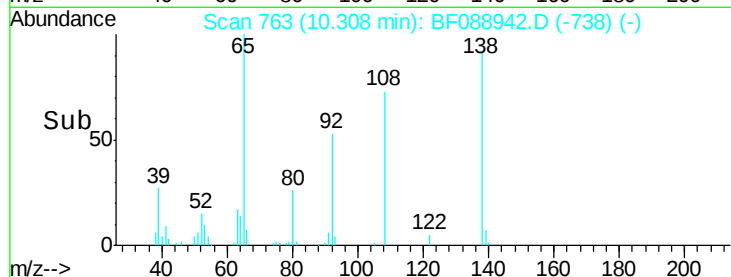
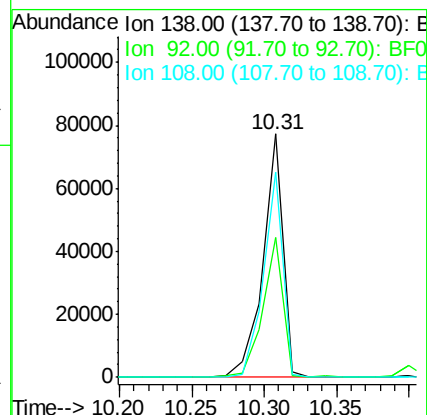
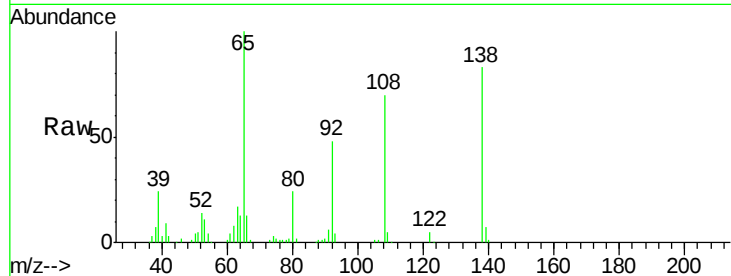
#61
4-Nitroaniline
Concen: 35.88 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF088942.D
Acq: 13 Jul 2016 3:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	57.2	27.3	67.3
108	84.3	46.7	86.7

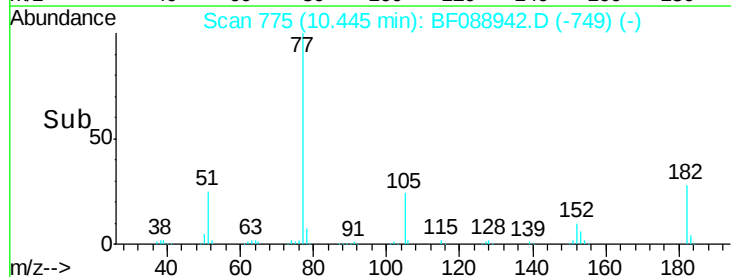
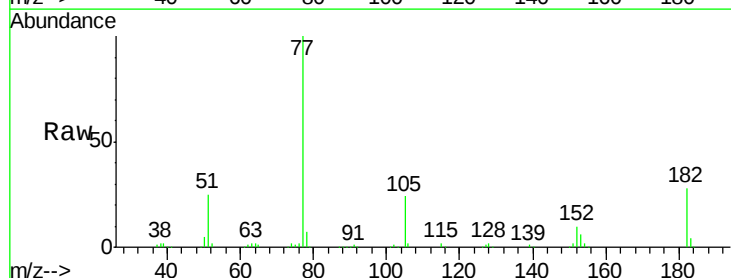
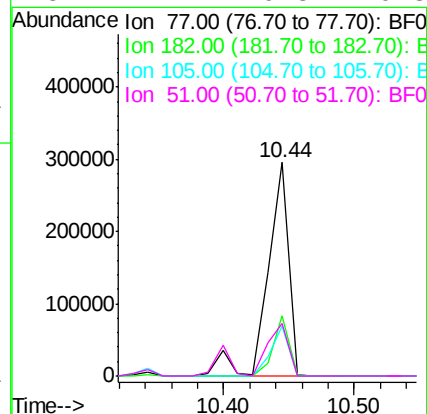
Manual Integrations

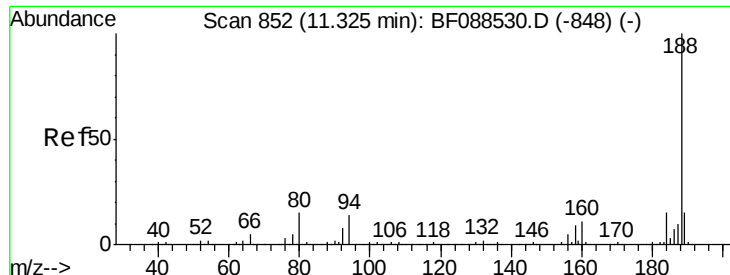
SOHIL
7/13/2016 9:25:44 AM



#62
Azobenzene
Concen: 38.23 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF088942.D
Acq: 13 Jul 2016 3:51

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.2	4.4	44.4
105	23.5	3.8	43.8
51	24.7	9.3	49.3





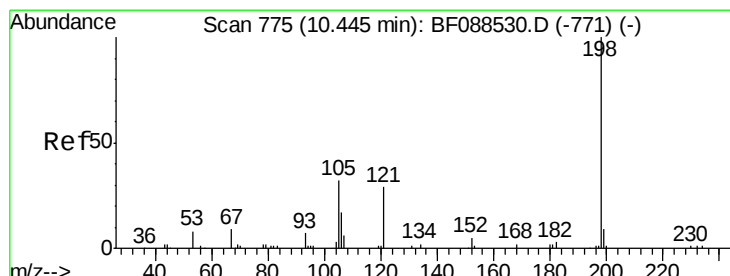
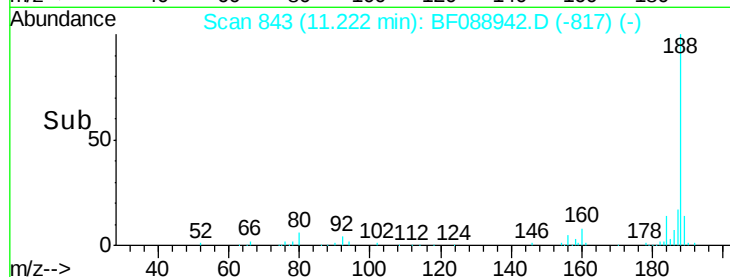
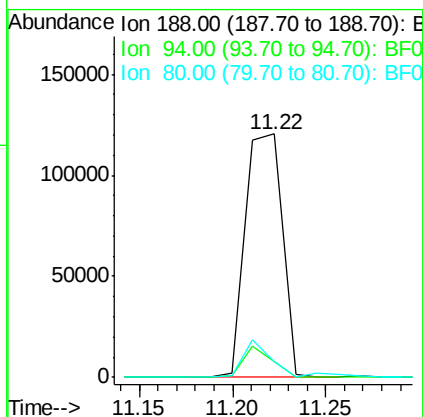
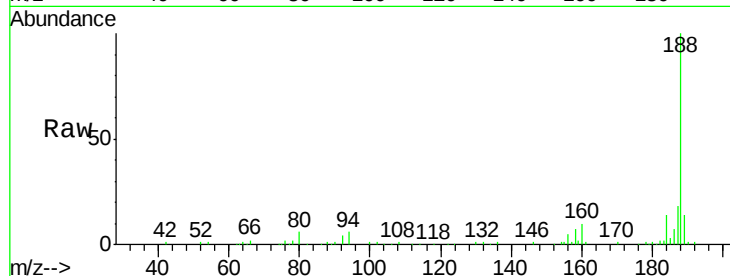
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 843
Delta R.T. 0.00 min
Lab File: BF088942.D
Acq: 13 Jul 2016 3:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.4	9.0	13.6#
80	6.3	10.0	15.0#

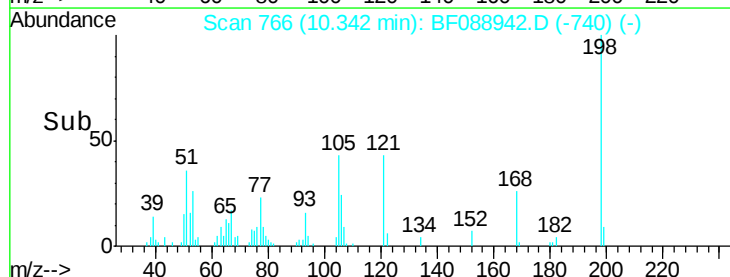
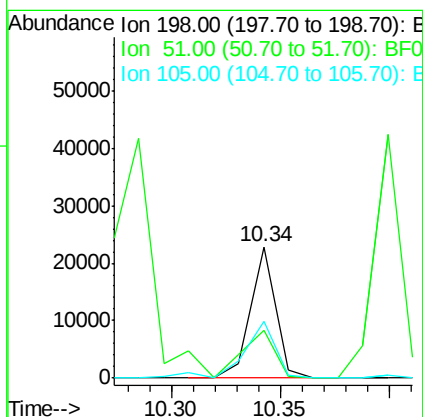
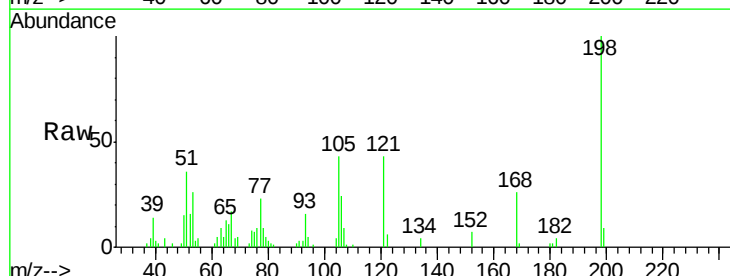
Manual Integrations

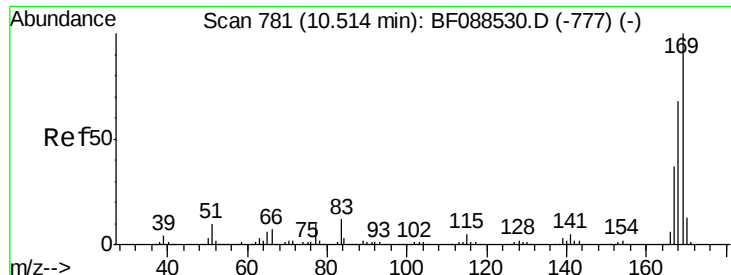
APPROVED
SOHIL
7/13/2016 9:25:44 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 20.68 ng
RT: 10.34 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF088942.D
Acq: 13 Jul 2016 3:51

Tgt Ion	Ratio	Lower	Upper
198	100		
51	36.1	39.6	79.6#
105	43.4	36.6	76.6





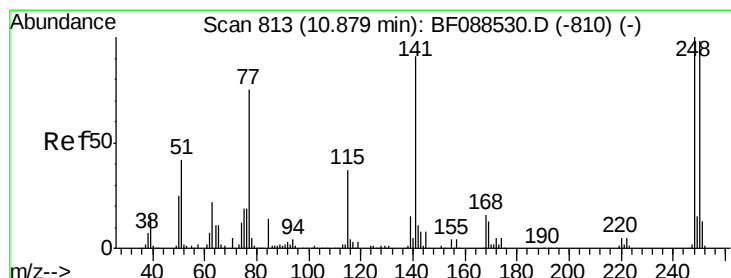
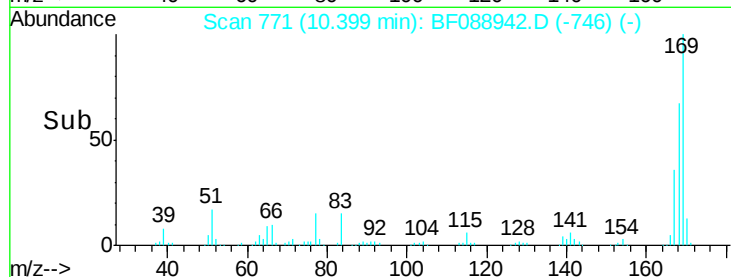
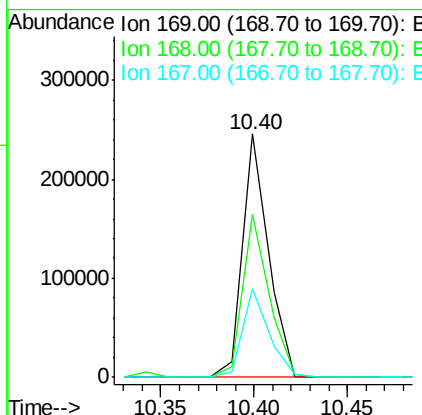
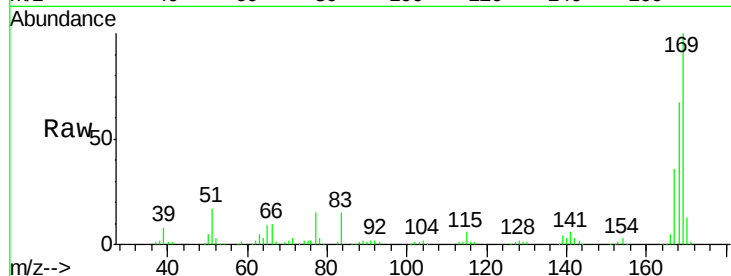
#65
 n-Nitrosodiphenylamine
 Concen: 42.47 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF088942.D
 Acq: 13 Jul 2016 3:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.4	80.0
167	36.5	29.4	44.0

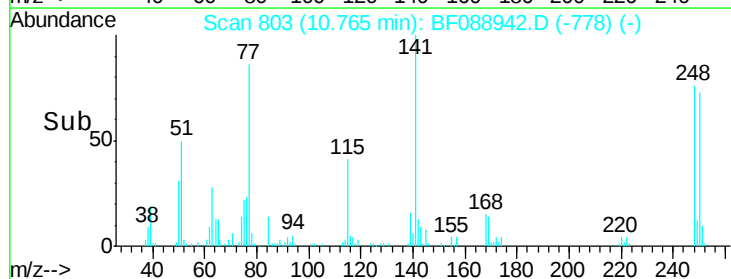
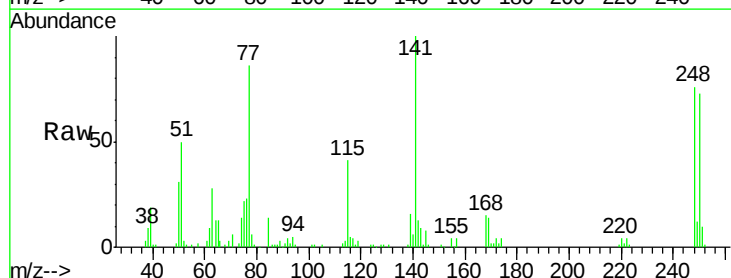
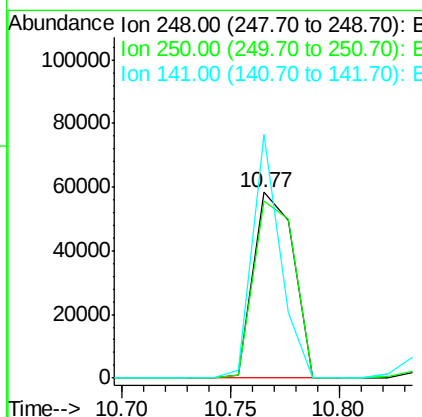
Manual Integrations

SOHIL
 7/13/2016 9:25:44 AM



#66
 4-Bromophenyl-phenylether
 Concen: 44.67 ng
 RT: 10.77 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF088942.D
 Acq: 13 Jul 2016 3:51

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.5	77.1	115.7
141	131.0	50.6	76.0





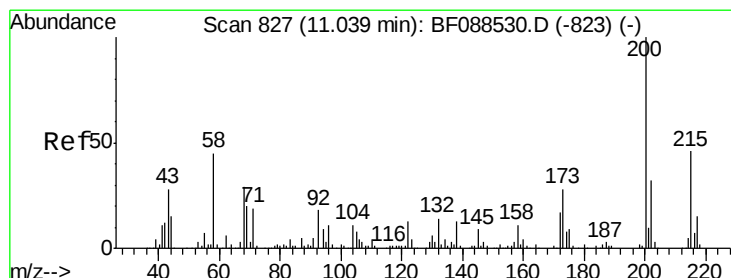
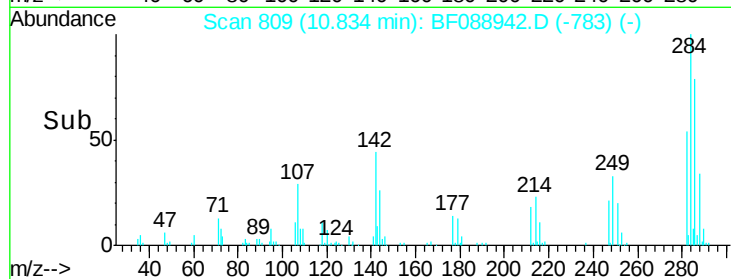
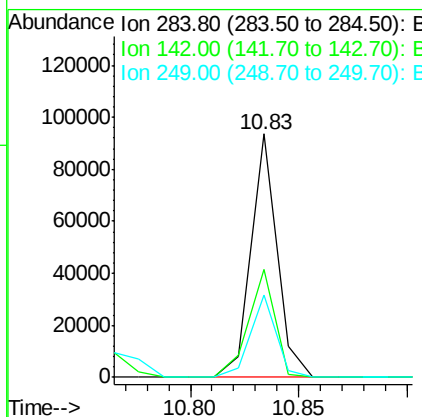
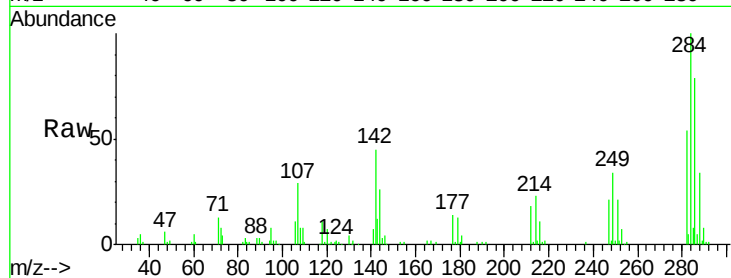
#67
Hexachlorobenzene
Concen: 42.18 ng
RT: 10.83 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF088942.D
Acq: 13 Jul 2016 3:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
284	100		
142	44.5	35.8	53.8
249	33.8	25.8	38.6

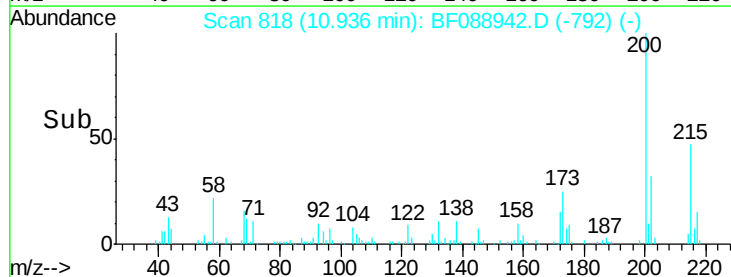
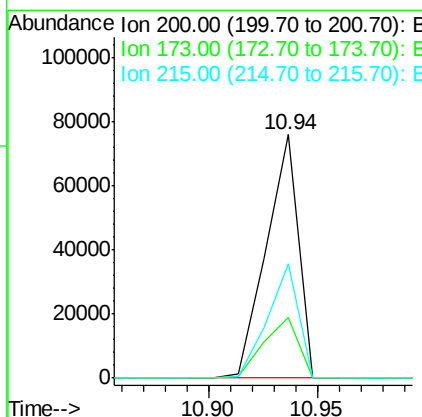
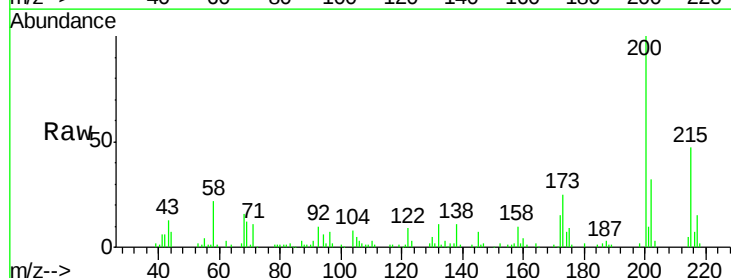
Manual Integrations

SOHIL
7/13/2016 9:25:44 AM



#68
Atrazine
Concen: 44.84 ng
RT: 10.94 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF088942.D
Acq: 13 Jul 2016 3:51

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.0	4.0	44.0
215	46.8	29.3	69.3





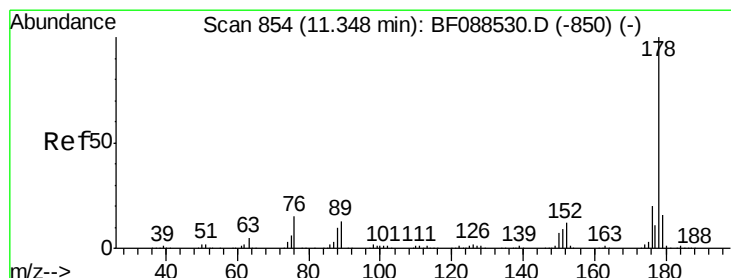
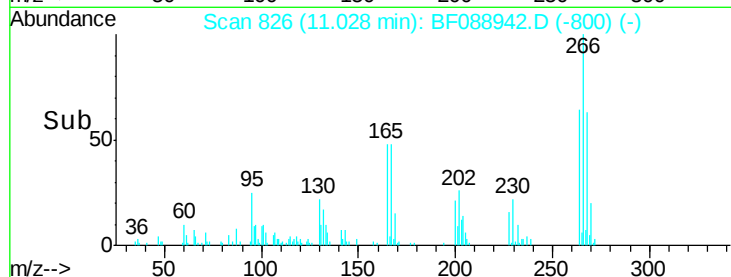
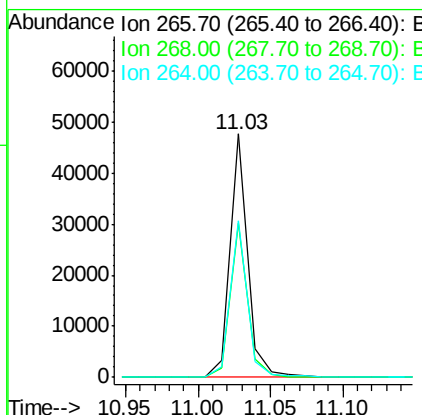
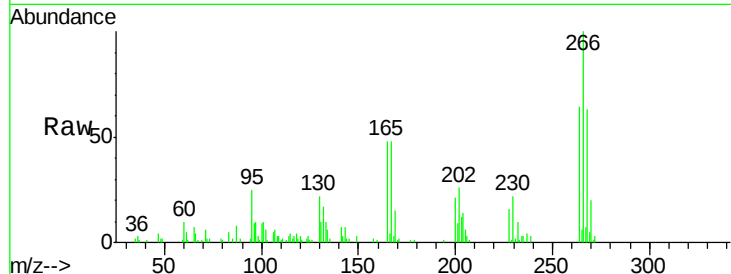
#69
 Pentachlorophenol
 Concen: 36.58 ng
 RT: 11.03 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF088942.D
 Acq: 13 Jul 2016 3:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.4	52.8	79.2
264	64.4	49.6	74.4

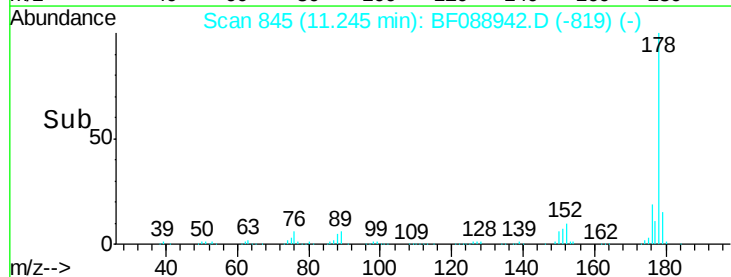
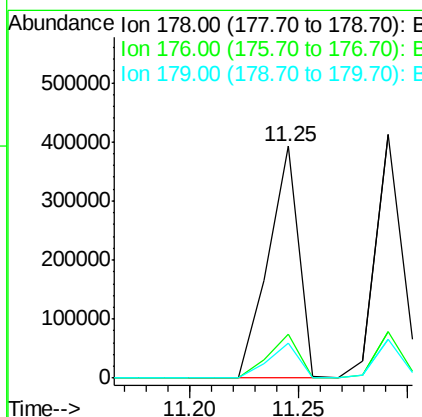
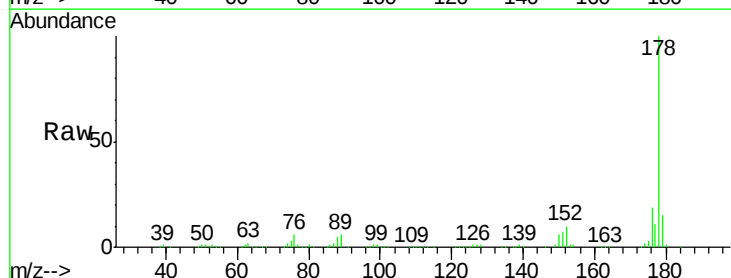
Manual Integrations

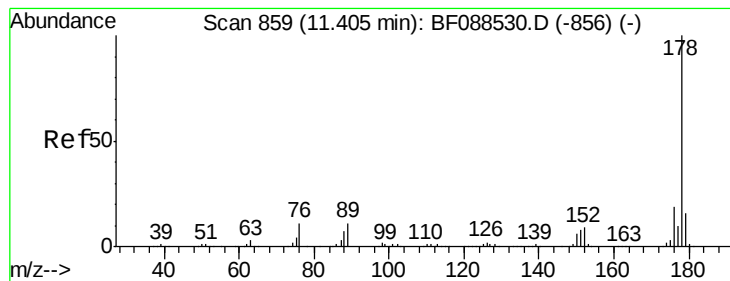
SOHIL
 7/13/2016 9:25:44 AM



#70
 Phenanthrene
 Concen: 42.52 ng
 RT: 11.25 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BF088942.D
 Acq: 13 Jul 2016 3:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.6
179	15.3	13.0	19.4





#71

Anthracene

Concen: 38.69 ng

RT: 11.29 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF088942.D

Acq: 13 Jul 2016 3:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 348751

Ion Ratio Lower Upper

178 100

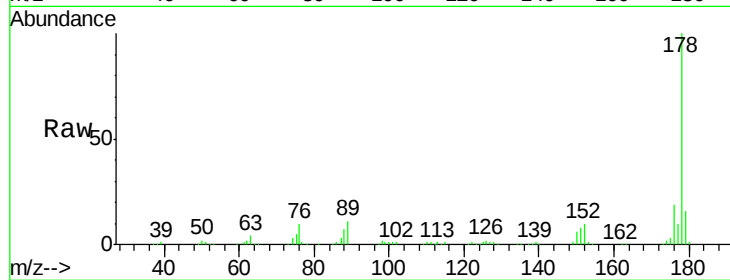
176 18.9 15.6 23.4

179 15.7 12.8 19.2

Manual Integrations

SOHIL

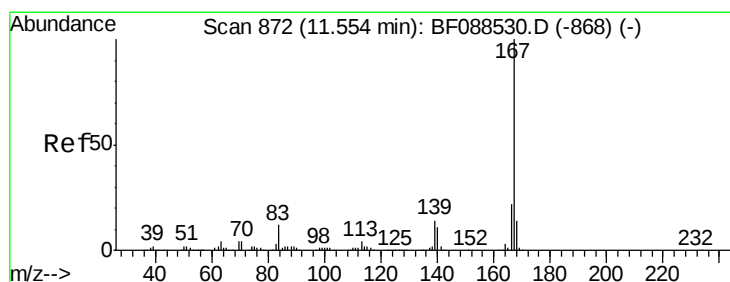
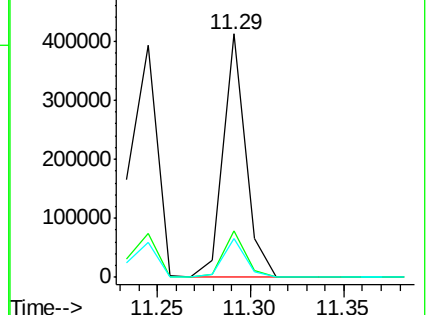
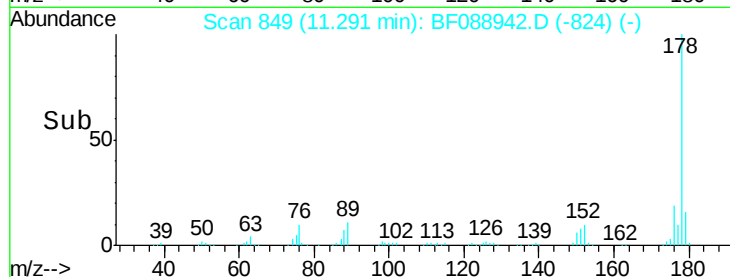
7/13/2016 9:25:44 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.16 ng

RT: 11.45 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF088942.D

Acq: 13 Jul 2016 3:51

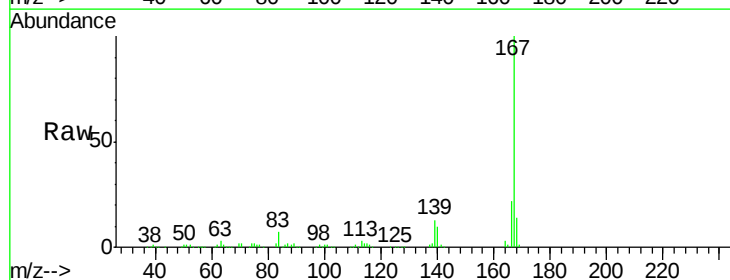
Tgt Ion:167 Resp: 349147

Ion Ratio Lower Upper

167 100

166 21.9 17.8 26.6

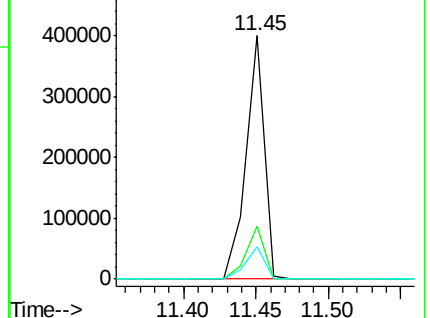
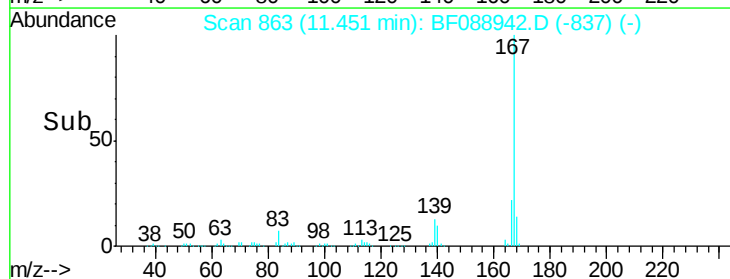
139 13.2 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 47.50 ng

RT: 11.79 min Scan# 893

Delta R.T. 0.00 min

Lab File: BF088942.D

Acq: 13 Jul 2016 3:51

Instrument :

BNA_F

ClientSampleId :

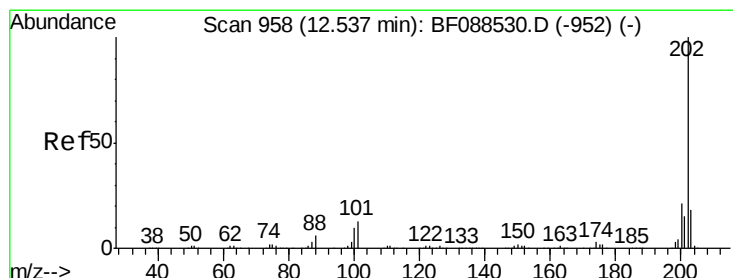
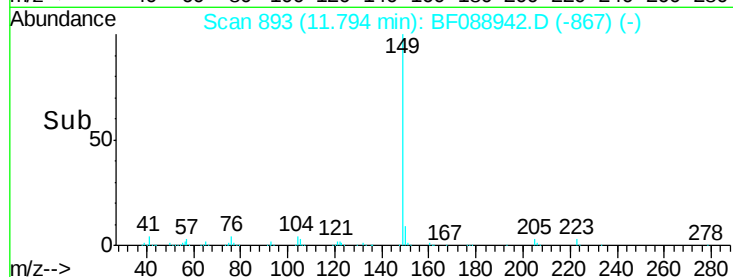
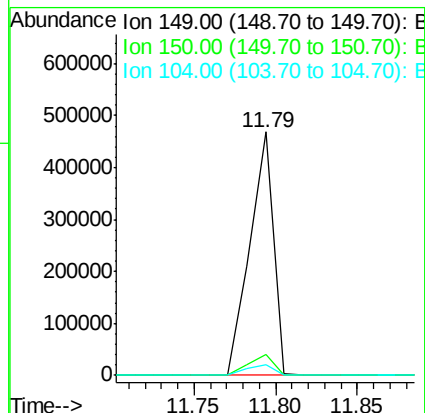
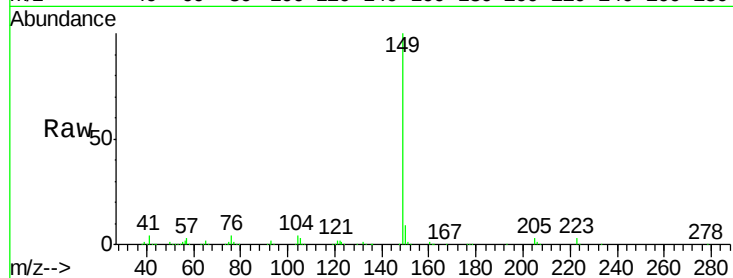
SSTDCCC040

Tot Ion:	149	Resp:	468753
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.8	11.6
104	4.4	4.0	6.0

Manual Integrations

SOHIL

7/13/2016 9:25:44 AM



#74

Fluoranthene

Concen: 40.30 ng

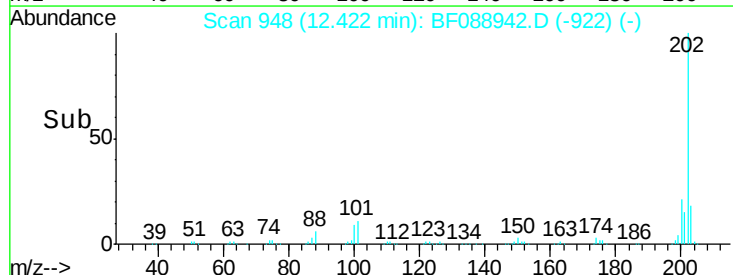
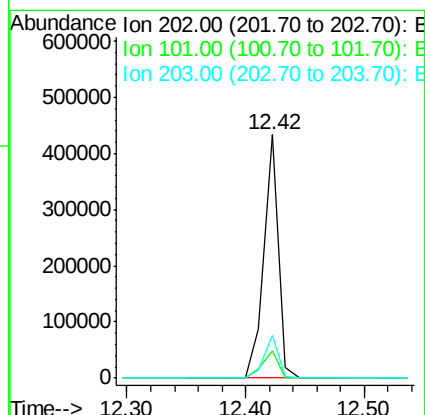
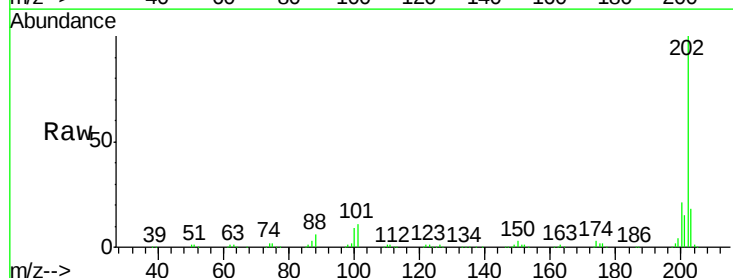
RT: 12.42 min Scan# 948

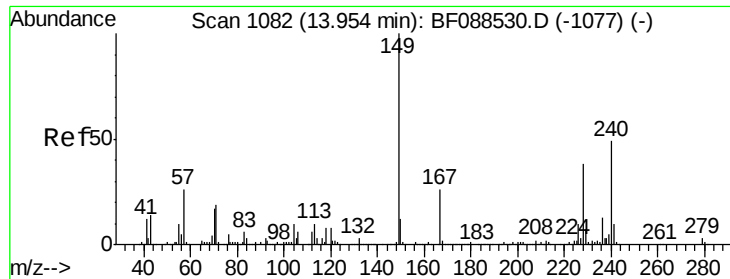
Delta R.T. 0.00 min

Lab File: BF088942.D

Acq: 13 Jul 2016 3:51

Tgt Ion:	202	Resp:	370348
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	33.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF088942.D

Acq: 13 Jul 2016 3:51

Instrument :

BNA_F

ClientSampleId :

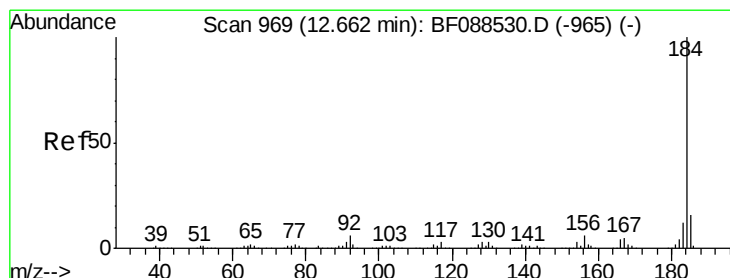
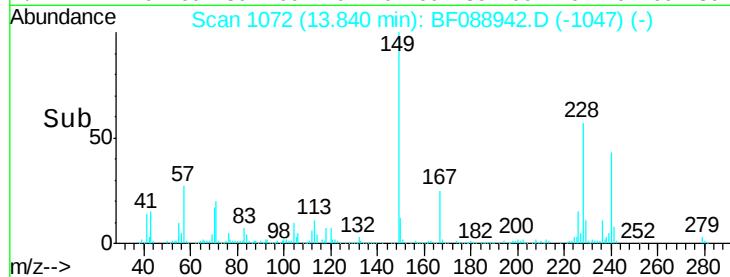
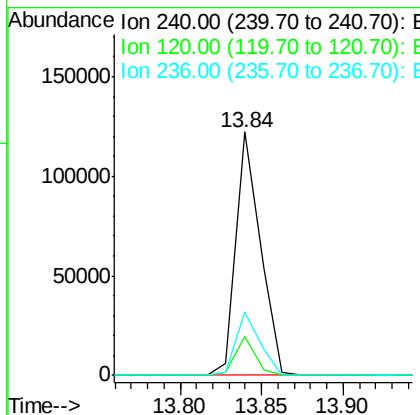
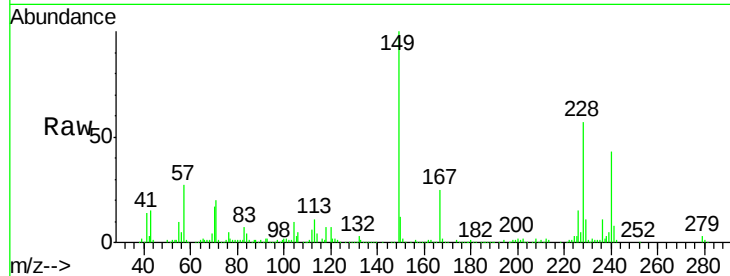
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.8	6.8	10.2
236	25.8	20.2	30.2

Manual Integrations

SOHIL

7/13/2016 9:25:44 AM



#76

Benzidine

Concen: 40.85 ng

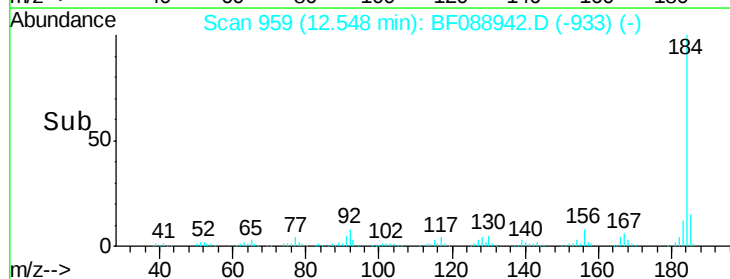
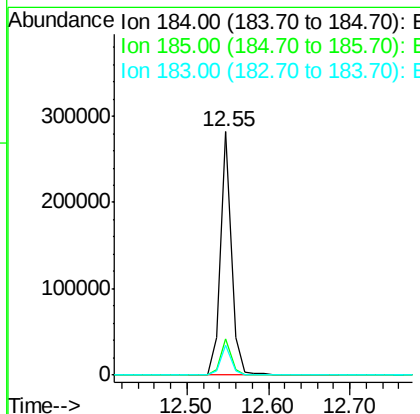
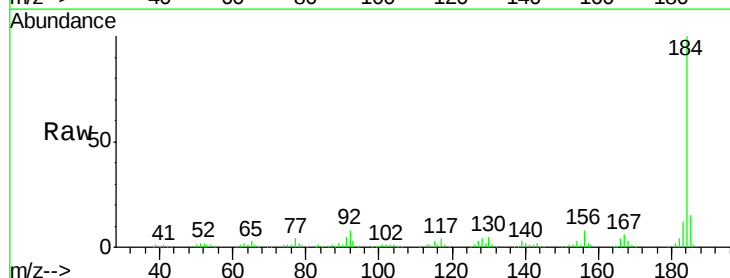
RT: 12.55 min Scan# 959

Delta R.T. 0.00 min

Lab File: BF088942.D

Acq: 13 Jul 2016 3:51

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.5	18.7
183	12.0	9.3	13.9





#77

Pvrene

Concen: 36.58 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF088942.D

Acq: 13 Jul 2016 3:51

Instrument :

BNA_F

ClientSampleId :

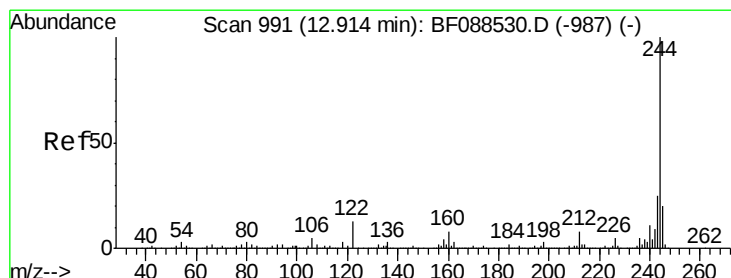
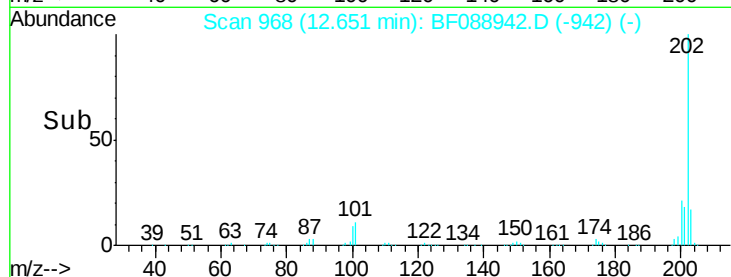
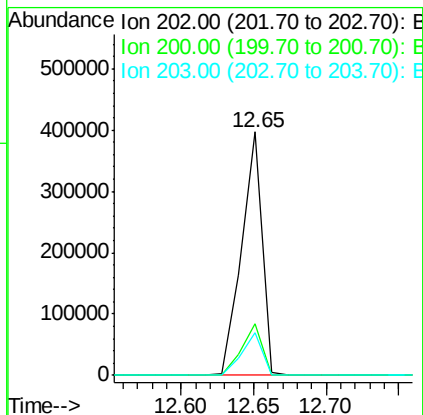
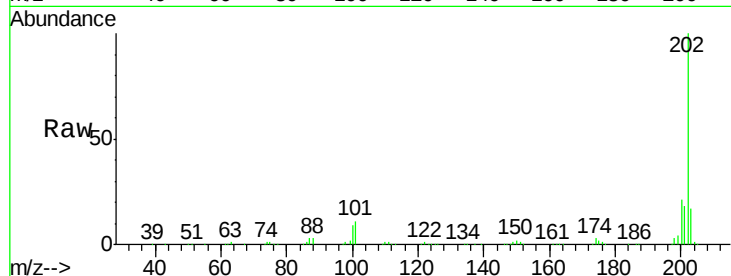
SSTDCCC040

Tot Ion:	202	Resp:	390193
Ion Ratio		Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.3	14.5	21.7

Manual Integrations

SOHIL

7/13/2016 9:25:44 AM



#78

Terphenyl-d14

Concen: 75.40 ng

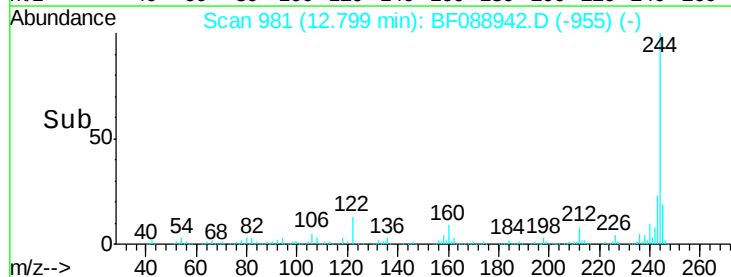
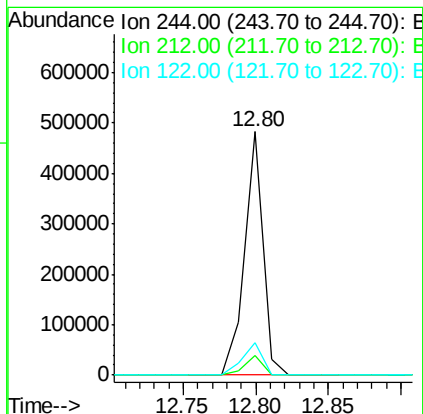
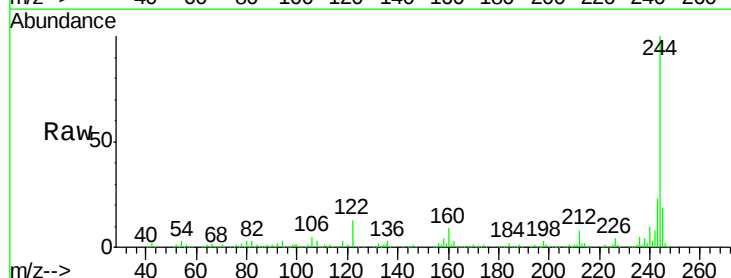
RT: 12.80 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF088942.D

Acq: 13 Jul 2016 3:51

Tgt Ion:	244	Resp:	425893
Ion Ratio		Lower	Upper
244	100		
212	7.8	6.0	9.0
122	13.3	11.2	16.8





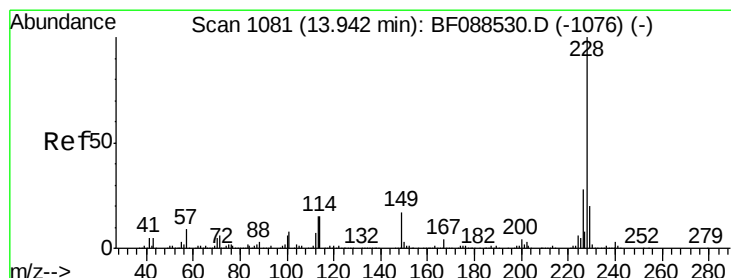
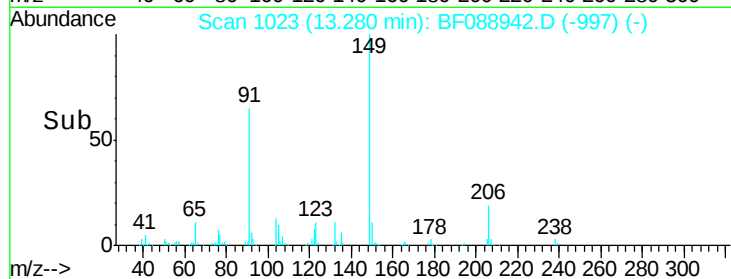
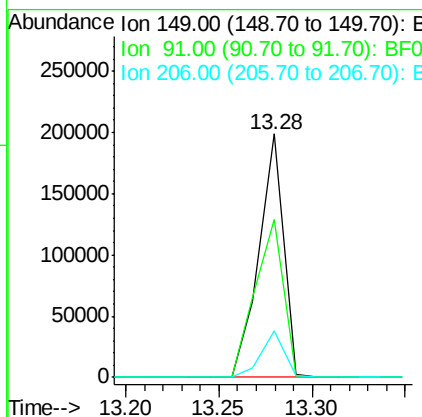
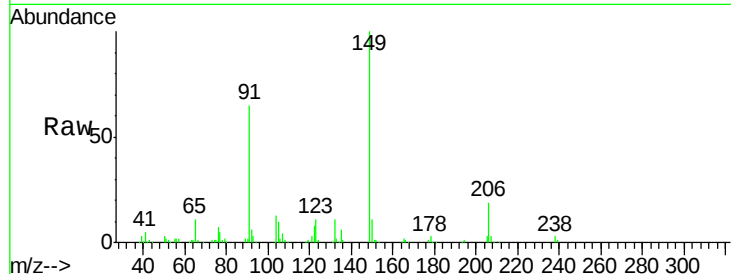
#79
Butylbenzylphthalate
Concen: 38.10 ng
RT: 13.28 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF088942.D
Acq: 13 Jul 2016 3:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		181299		
91	64.6	48.0	72.0		
206	19.3	16.0	24.0		

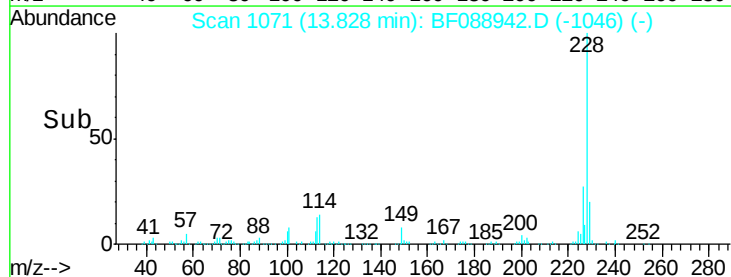
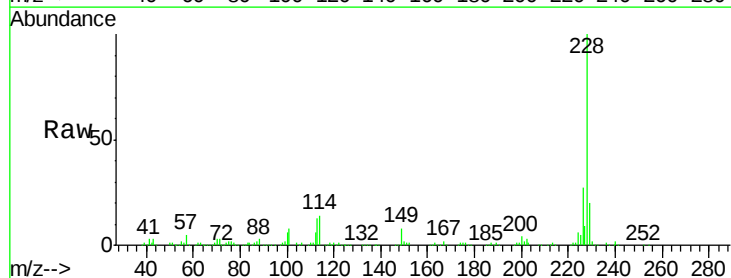
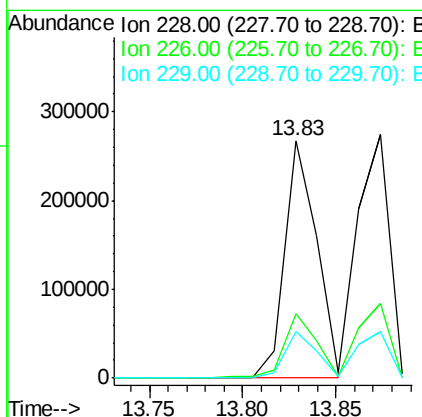
Manual Integrations

APPROVED
SOHIL
7/13/2016 9:25:44 AM



#80
Benzo(a)anthracene
Concen: 39.43 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF088942.D
Acq: 13 Jul 2016 3:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		319428		
226	27.0	22.3	33.5		
229	19.8	16.0	24.0		





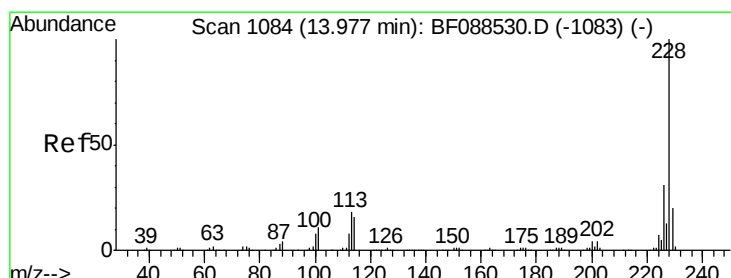
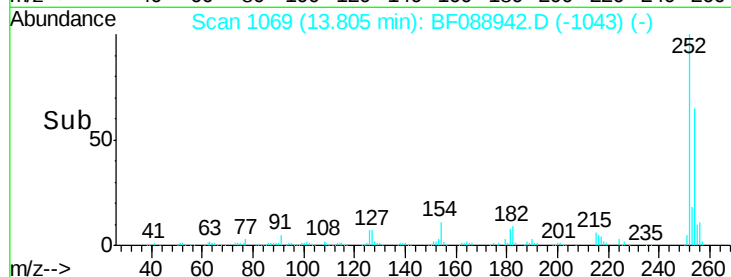
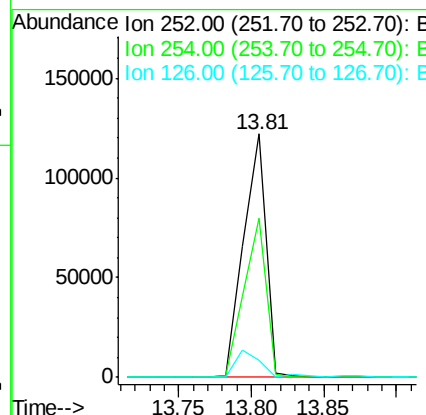
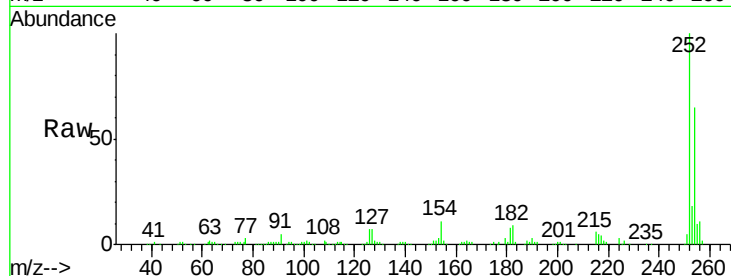
#81
 3,3'-Dichlorobenzidine
 Concen: 43.11 ng
 RT: 13.81 min Scan# 1069
 Delta R.T. 0.00 min
 Lab File: BF088942.D
 Acq: 13 Jul 2016 3:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.6	78.8
126	7.1	6.2	9.2

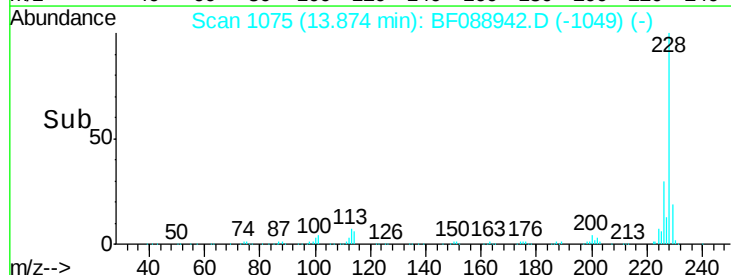
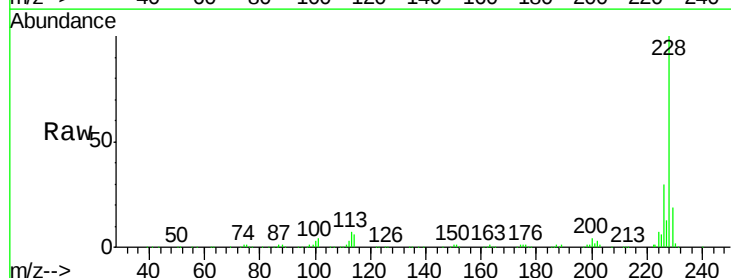
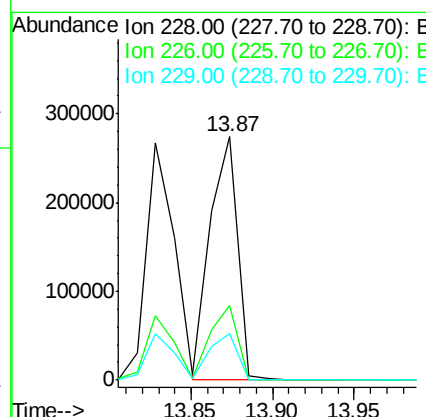
Manual Integrations

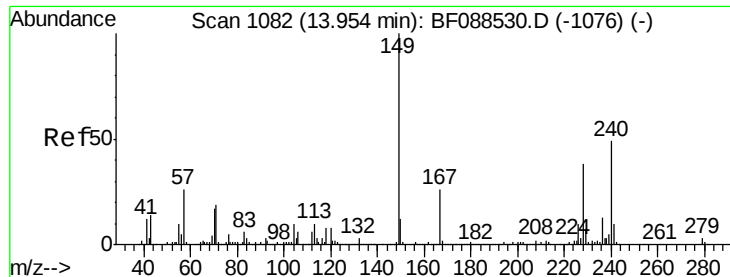
SOHIL
 7/13/2016 9:25:44 AM



#82
 Chrysene
 Concen: 40.34 ng
 RT: 13.87 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: BF088942.D
 Acq: 13 Jul 2016 3:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.4	38.2
229	19.3	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.39 ng

RT: 13.84 min Scan# 1072

Delta R.T. 0.00 min

Lab File: BF088942.D

Acq: 13 Jul 2016 3:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 235708

Ion Ratio Lower Upper

149 100

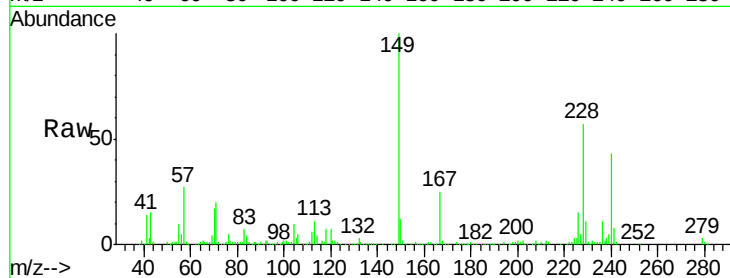
167 24.7 20.5 30.7

279 2.6 2.0 3.0

Manual Integrations

SOHIL

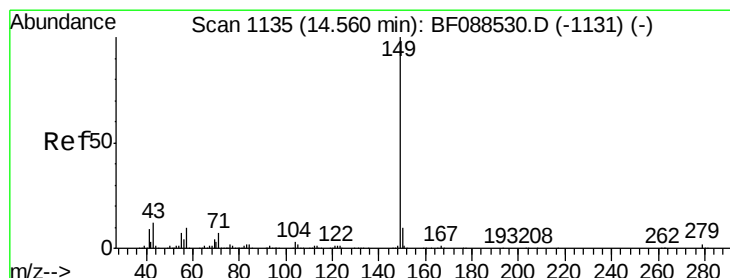
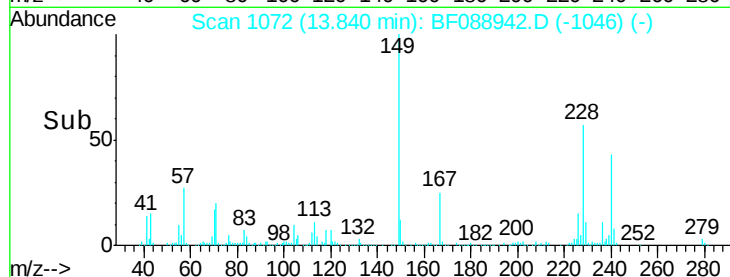
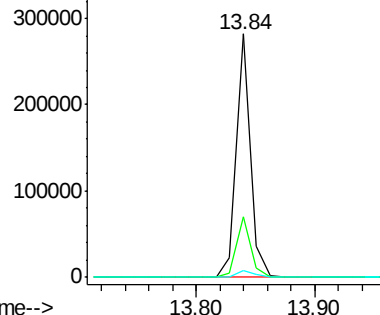
7/13/2016 9:25:44 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.71 ng

RT: 14.45 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BF088942.D

Acq: 13 Jul 2016 3:51

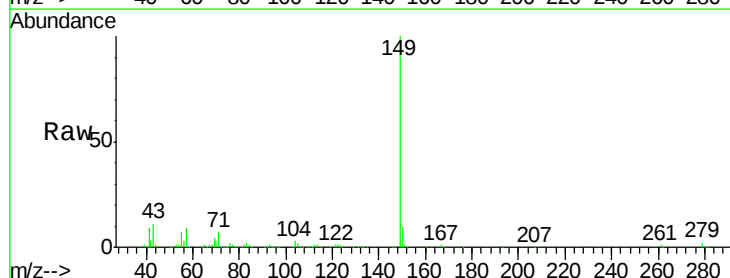
Tgt Ion:149 Resp: 412623

Ion Ratio Lower Upper

149 100

167 1.4 0.0 0.0#

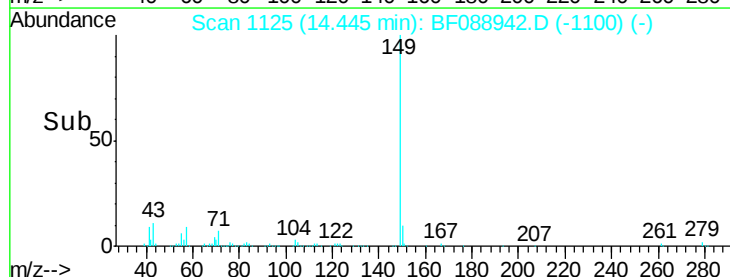
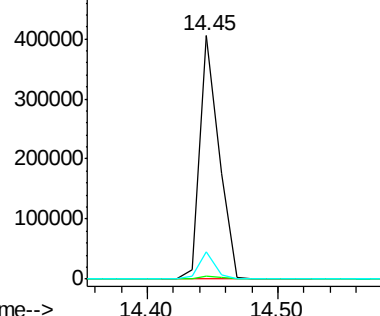
43 9.3 0.0 0.0#

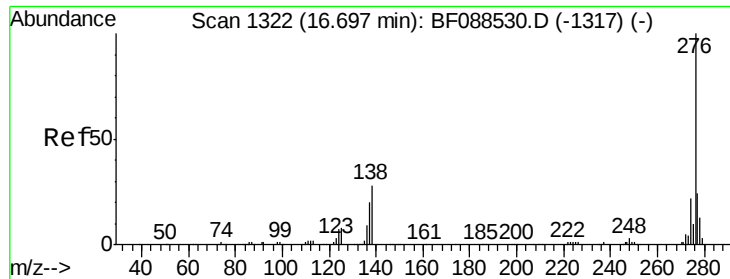


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





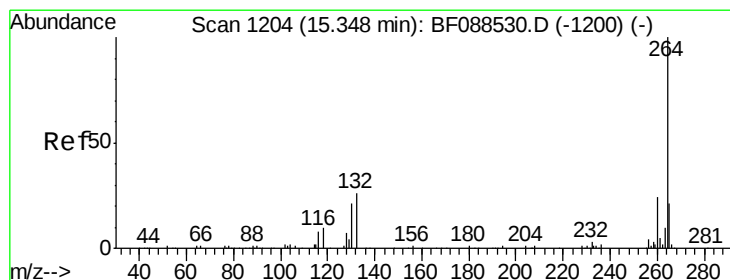
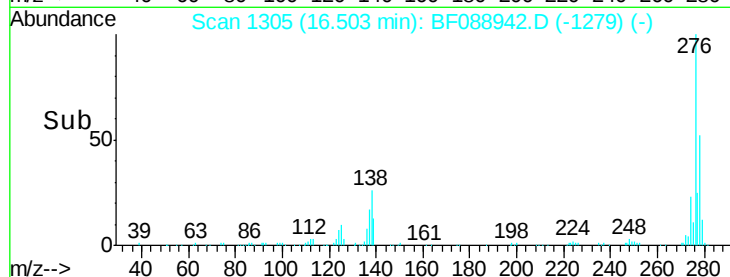
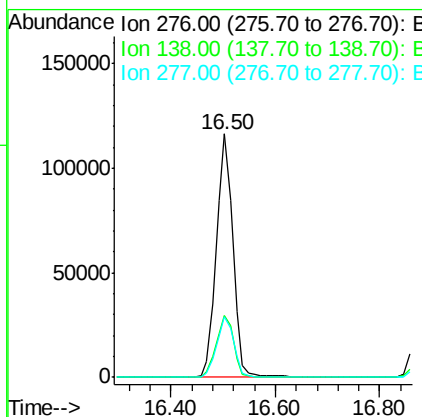
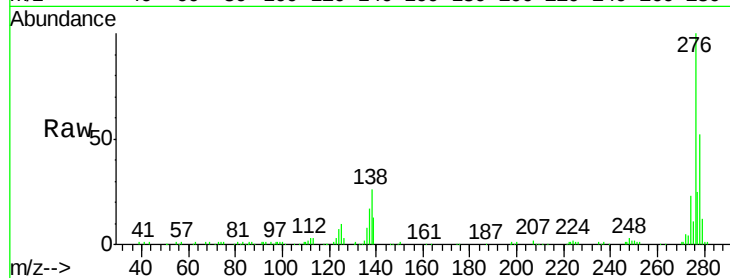
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.81 ng
 RT: 16.50 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF088942.D
 Acq: 13 Jul 2016 3:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.7	0.0	0.0#
277	25.3	0.0	0.0#

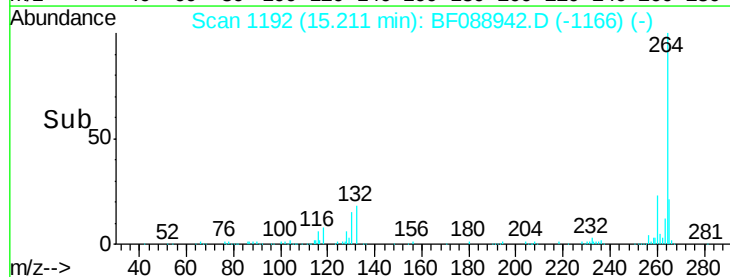
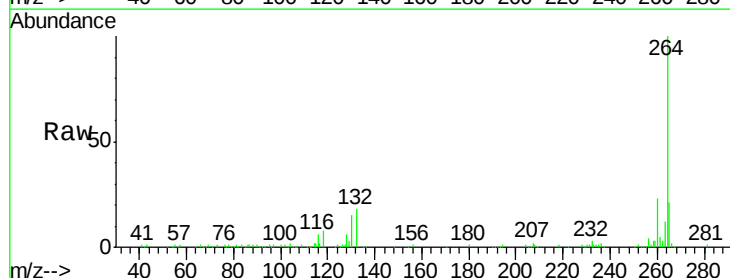
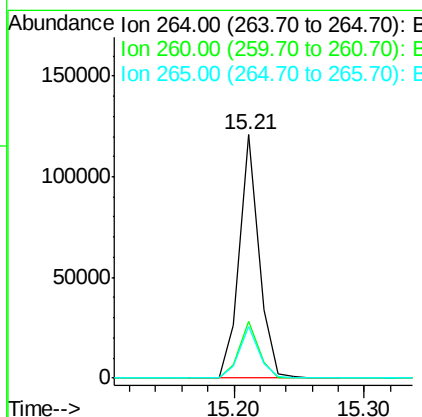
Manual Integrations

SOHIL
 7/13/2016 9:25:44 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF088942.D
 Acq: 13 Jul 2016 3:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.3	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 36.93 ng m

RT: 14.83 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF088942.D

Acq: 13 Jul 2016 3:51

Instrument :

BNA_F

ClientSampleId :

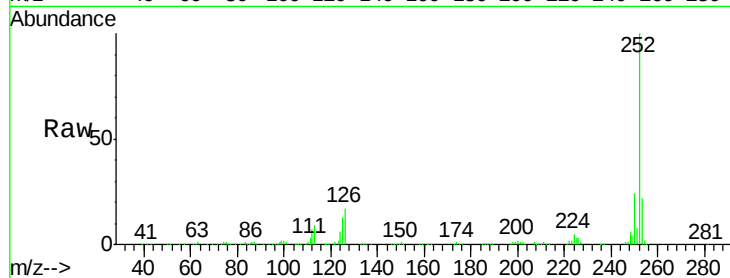
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	12.7	7.1	10.7

Manual Integrations

SOHIL

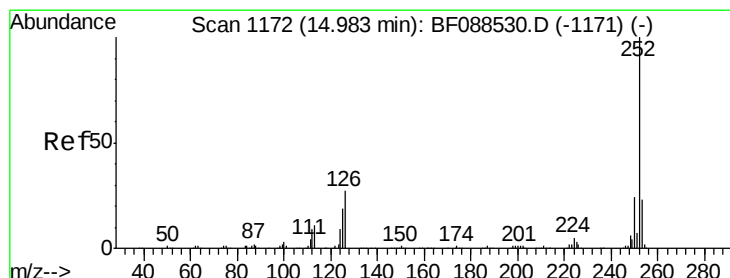
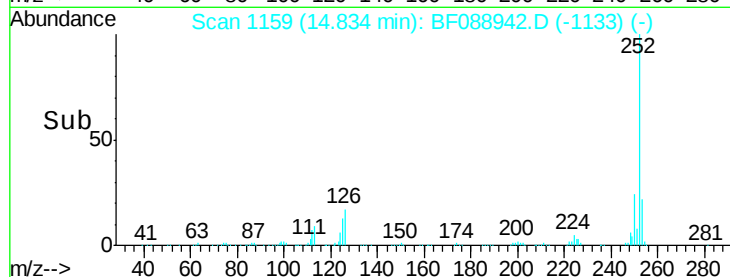
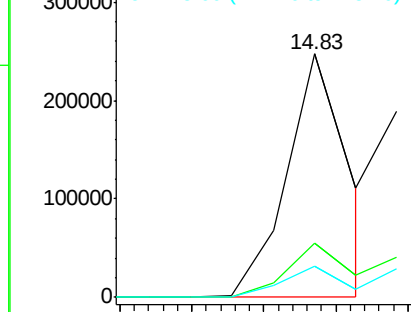
7/13/2016 9:25:44 AM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.23 ng m

RT: 14.87 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BF088942.D

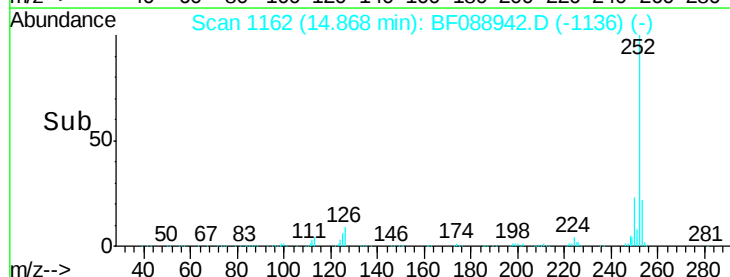
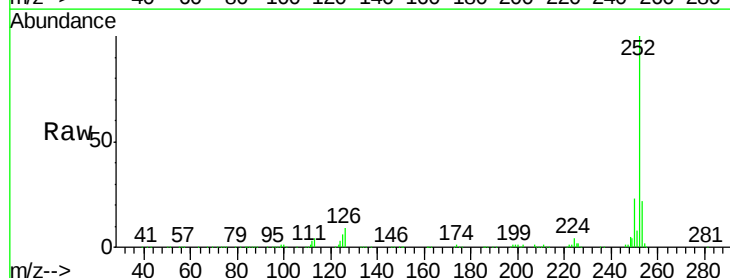
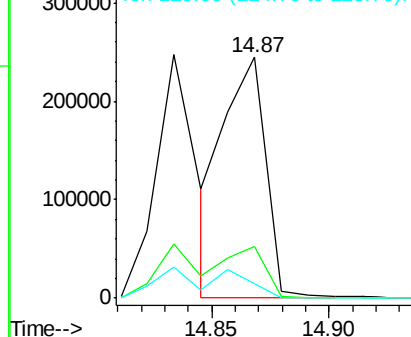
Acq: 13 Jul 2016 3:51

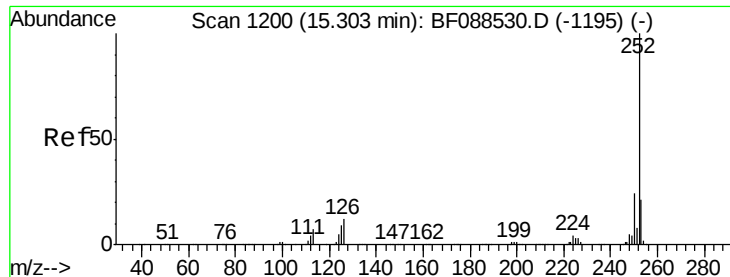
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	6.0	11.2	16.8

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





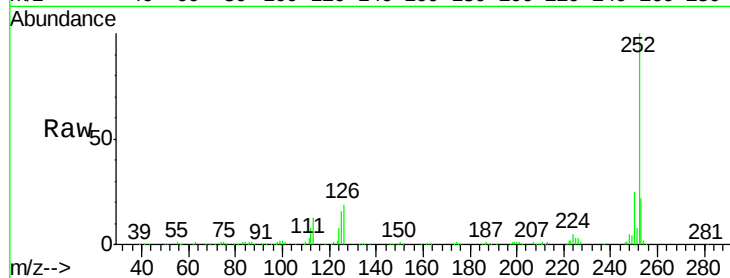
#89
Benzo(a)pyrene
Concen: 40.49 ng
RT: 15.15 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF088942.D
Acq: 13 Jul 2016 3:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

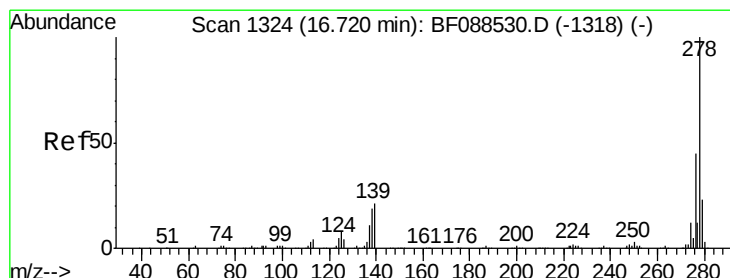
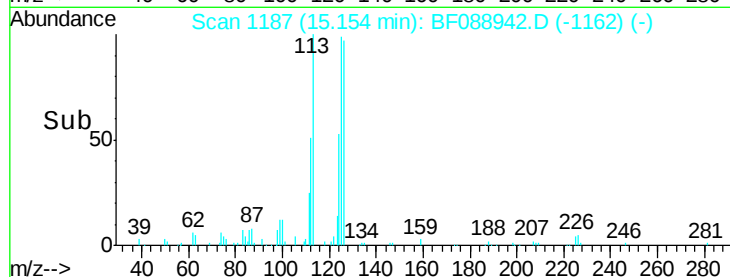
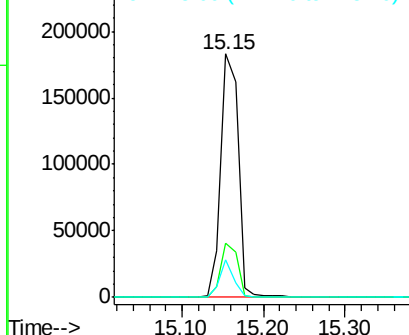
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	15.6	12.5	18.7

Manual Integrations

SOHIL
7/13/2016 9:25:44 AM



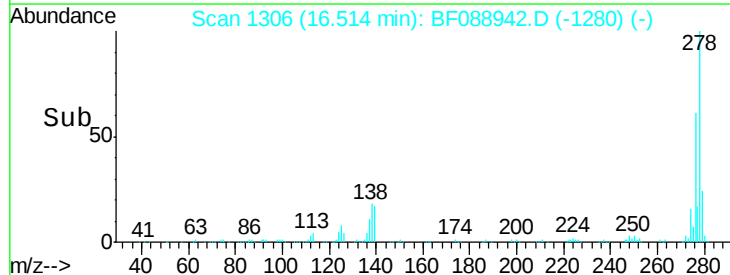
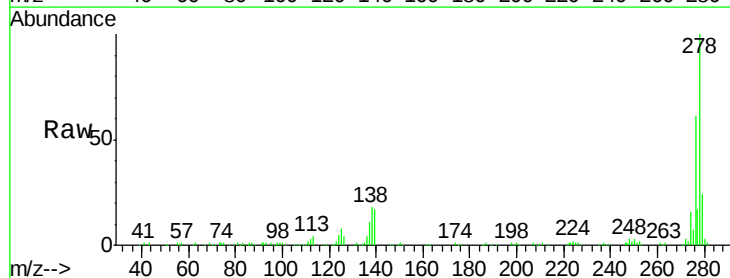
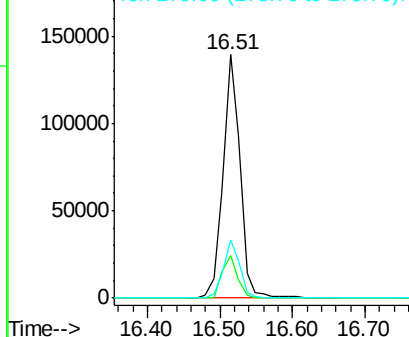
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

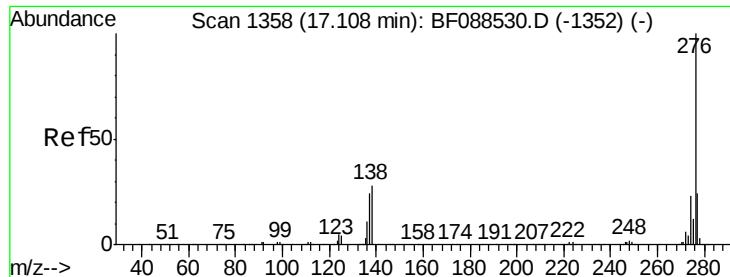


#90
Dibenzo(a,h)anthracene
Concen: 40.46 ng
RT: 16.51 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF088942.D
Acq: 13 Jul 2016 3:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.5	15.7	23.5
279	23.7	19.4	29.2

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





#91
 Benzo(a,h,i)perylene
 Concen: 36.28 ng
 RT: 16.89 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF088942.D
 Acq: 13 Jul 2016 3:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.9	28.3
138	21.9	21.4	32.2

Manual Integrations

APPROVED
 SOHIL
 7/13/2016 9:25:44 AM

