

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
 Data File : BF088540.D
 Acq On : 30 Jun 2016 20:29
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations

APPROVED
 SOHIL
 7/1/2016 8:05:15 AM

Quant Time: Jul 01 01:57:17 2016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 30 18:01:55 2016

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	122770	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	517799	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	229628	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	429151	20.00	ng	0.00
75) Chrysene-d12	13.95	240	301978	20.00	ng	0.00
86) Perylene-d12	15.35	264	287314	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	673185	82.18	ng	0.00
7) Phenol-d6	6.44	99	801987	75.77	ng	0.00
23) Nitrobenzene-d5	7.38	82	755366	76.45	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	179921	84.38	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1050356	72.25	ng	0.00
78) Terphenyl-d14	12.91	244	1001845	73.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	158848	39.11	ng	# 34
3) Pyridine	3.08	79	457516	38.82	ng	95
4) n-Nitrosodimethylamine	3.04	42	176159	39.13	ng	90
6) Aniline	6.48	93	627600	40.69	ng	99
8) 2-Chlorophenol	6.59	128	328425	37.30	ng	93
9) Benzaldehyde	6.35	77	264342	36.87	ng	82
10) Phenol	6.46	94	477722	39.55	ng	88
11) bis(2-Chloroethyl)ether	6.56	93	346897	38.51	ng	# 80
12) 1,3-Dichlorobenzene	6.75	146	358098	36.96	ng	96
13) 1,4-Dichlorobenzene	6.83	146	377192	39.22	ng	98
14) 1,2-Dichlorobenzene	6.99	146	341453	37.94	ng	98
15) Benzyl Alcohol	6.96	79	310734	39.89	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	516941	39.62	ng	95
17) 2-Methylphenol	7.07	107	292858	40.77	ng	99
18) Hexachloroethane	7.34	117	147805	39.74	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	253204	35.61	ng	96
20) 3+4-Methylphenols	7.22	107	322022	37.36	ng	# 85
22) Acetophenone	7.23	105	496496	39.51	ng	# 97
24) Nitrobenzene	7.40	77	387458	38.89	ng	100
25) Isophorone	7.64	82	692781	37.85	ng	98
26) 2-Nitrophenol	7.71	139	150817	36.92	ng	94
27) 2,4-Dimethylphenol	7.76	122	342712	40.28	ng	94
28) bis(2-Chloroethoxy)methane	7.86	93	442350	37.14	ng	97
29) 2,4-Dichlorophenol	7.95	162	259447	37.73	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	302818	40.13	ng	100
31) Naphthalene	8.12	128	1030089	40.35	ng	99
32) Benzoic acid	7.88	122	255730	41.40	ng	97
33) 4-Chloroaniline	8.17	127	438867	38.64	ng	98
34) Hexachlorobutadiene	8.25	225	161347	39.93	ng	99
35) Caprolactam	8.55	113	97754	41.86	ng	# 73
36) 4-Chloro-3-methylphenol	8.65	107	314222	38.64	ng	95
37) 2-Methylnaphthalene	8.81	142	572933	34.86	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	312106	40.86	ng	# 1
40) Hexachlorocyclopentadiene	8.97	237	146551	39.09	ng	100

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
 Data File : BF088540.D
 Acq On : 30 Jun 2016 20:29
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations

APPROVED
 SOHIL
 7/1/2016 8:05:15 AM

Quant Time: Jul 01 01:57:17 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	186925	37.12	ng	95
43) 2,4,5-Trichlorophenol	9.12	196	181433	41.88	ng #	79
45) 1,1'-Biphenyl	9.28	154	771839	40.59	ng	99
46) 2-Chloronaphthalene	9.30	162	615895	41.26	ng	98
47) 2-Nitroaniline	9.39	65	232670	43.92	ng	97
48) Acenaphthylene	9.71	152	930861	39.19	ng	99
49) Dimethylphthalate	9.58	163	619432	37.86	ng	99
50) 2,6-Dinitrotoluene	9.63	165	133954	36.94	ng #	42
51) Acenaphthene	9.88	154	548584	37.68	ng	99
52) 3-Nitroaniline	9.80	138	204101	44.28	ng	99
53) 2,4-Dinitrophenol	9.91	184	64675	40.40	ng #	68
54) Dibenzofuran	10.06	168	760324	39.90	ng #	91
55) 4-Nitrophenol	9.95	139	147202	42.03	ng	99
56) 2,4-Dinitrotoluene	10.03	165	180815	38.14	ng #	53
57) Fluorene	10.40	166	606359	41.29	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	140546	41.93	ng #	50
59) Diethylphthalate	10.27	149	656418	39.98	ng	98
60) 4-Chlorophenyl-phenylether	10.39	204	250421	36.70	ng #	87
61) 4-Nitroaniline	10.41	138	163936	36.96	ng	86
62) Azobenzene	10.55	77	705386	37.67	ng	92
64) 4,6-Dinitro-2-methylphenol	10.44	198	101625	44.27	ng #	59
65) n-Nitrosodiphenylamine	10.51	169	580242	39.95	ng	100
66) 4-Bromophenyl-phenylether	10.88	248	160550	37.12	ng #	83
67) Hexachlorobenzene	10.95	284	190609	39.82	ng #	75
68) Atrazine	11.04	200	177888	39.30	ng	94
69) Pentachlorophenol	11.13	266	115327	40.71	ng	97
70) Phenanthrene	11.35	178	871006	37.13	ng	100
71) Anthracene	11.40	178	904456	38.77	ng	100
72) Carbazole	11.55	167	761040	34.66	ng	100
73) Di-n-butylphthalate	11.90	149	909183	35.60	ng	99
74) Fluoranthene	12.54	202	990170	41.63	ng	98
76) Benzidine	12.66	184	616800	40.41	ng	98
77) Pyrene	12.77	202	1016022	39.68	ng	99
79) Butylbenzylphthalate	13.39	149	430003	37.65	ng	97
80) Benzo(a)anthracene	13.94	228	748464	38.49	ng	100
81) 3,3'-Dichlorobenzidine	13.91	252	276107	37.77	ng #	94
82) Chrysene	13.99	228	760961	39.55	ng	98
83) Bis(2-ethylhexyl)phthalate	13.95	149	506102	38.81	ng	99
84) Di-n-octyl phthalate	14.56	149	893888	40.35	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.70	276	549784	37.15	ng #	100
87) Benzo(b)fluoranthene	14.96	252	658014	36.51	ng #	97
88) Benzo(k)fluoranthene	14.98	252	630907m	40.21	ng	
89) Benzo(a)pyrene	15.30	252	600524	39.35	ng #	93
90) Dibenzo(a,h)anthracene	16.72	278	474219	37.22	ng	98
91) Benzo(g,h,i)perylene	17.11	276	484922	36.77	ng	99

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

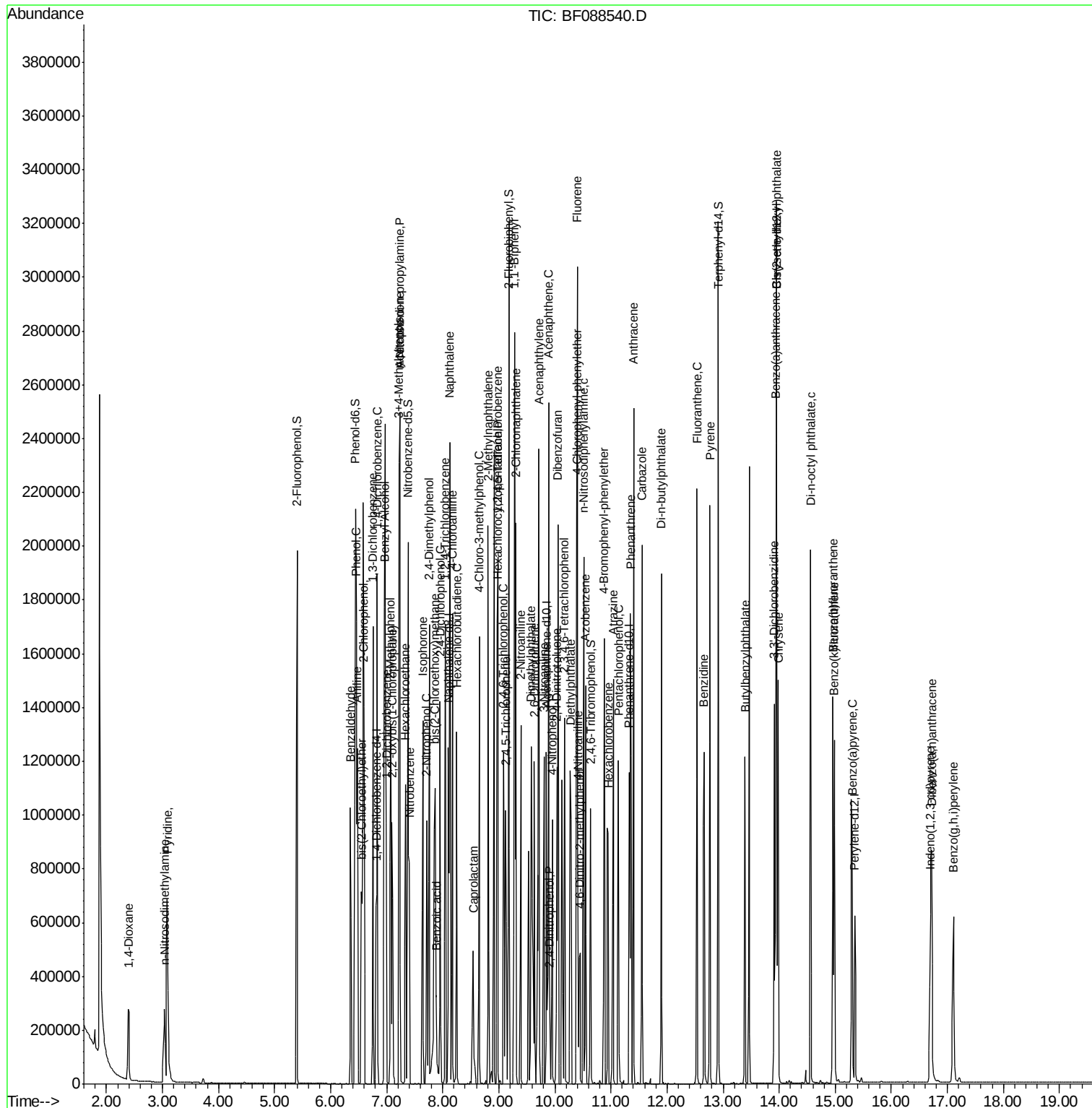
```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\  
Data File : BF088540.D  
Acq On    : 30 Jun 2016   20:29  
Operator  : UM/SJ  
Sample    : SSTCCC040  
Misc      :  
ALS Vial  : 5      Sample Multiplier: 1
```

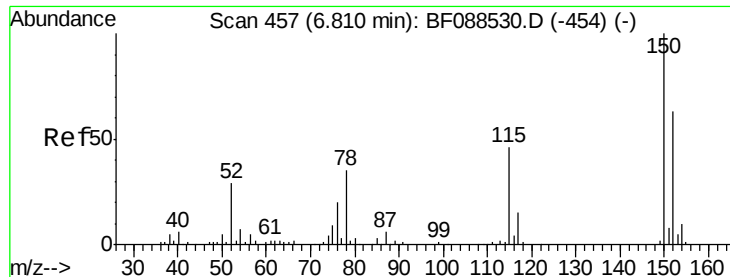
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations

SOHIL
7/1/2016 8:05:15 AM

Quant Time: Jul 01 01:57:17 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF088540.D

Acq: 30 Jun 2016 20:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 122770

Ion Ratio Lower Upper

152 100

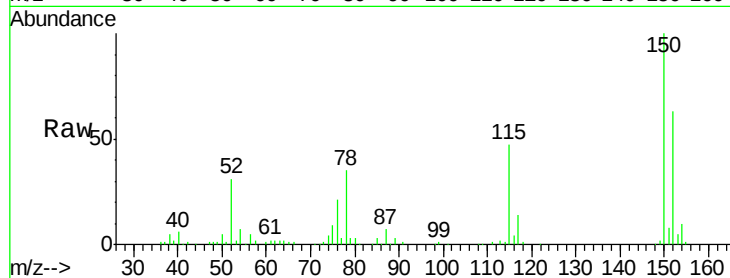
150 158.0 123.8 185.6

115 74.1 39.6 59.4#

Manual Integrations

SOHIL

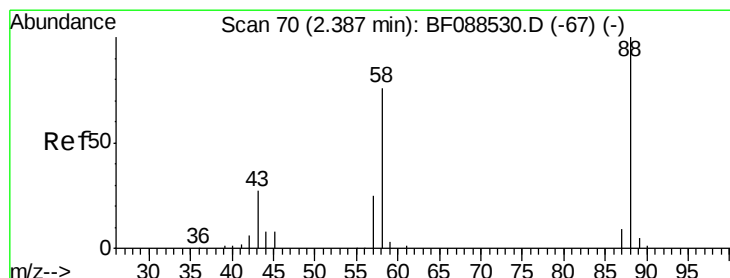
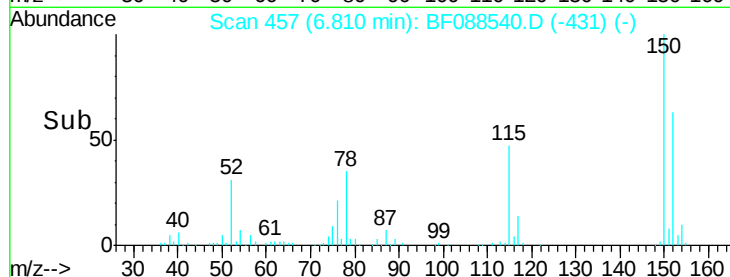
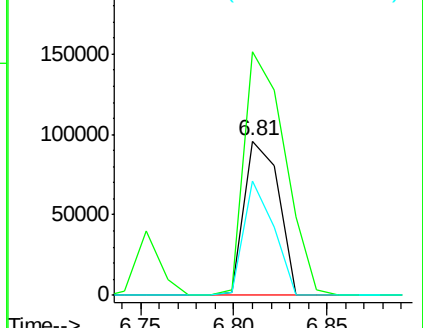
7/1/2016 8:05:15 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.11 ng

RT: 2.40 min Scan# 71

Delta R.T. 0.01 min

Lab File: BF088540.D

Acq: 30 Jun 2016 20:29

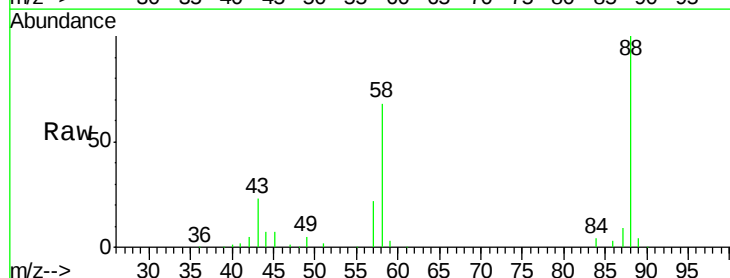
Tgt Ion: 88 Resp: 158848

Ion Ratio Lower Upper

88 100

58 73.0 0.0 0.0#

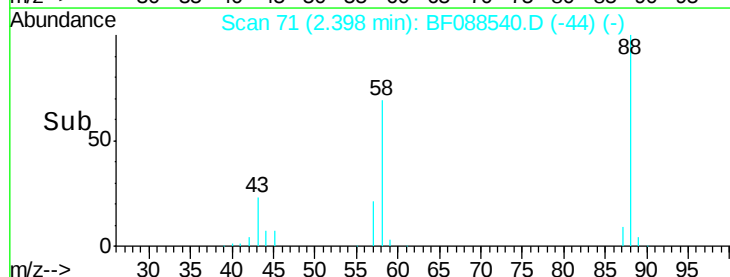
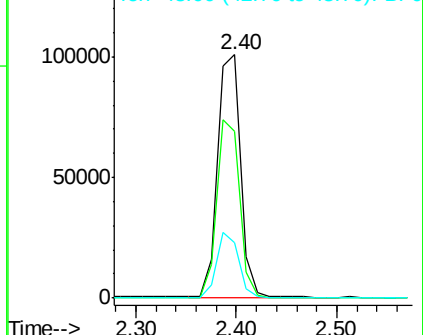
43 26.0 3.4 5.2#

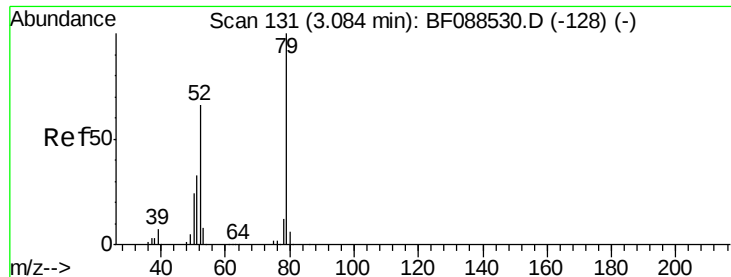


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 38.82 ng

RT: 3.08 min Scan# 131

Delta R.T. -0.00 min

Lab File: BF088540.D

Acq: 30 Jun 2016 20:29

Instrument :

BNA_F

ClientSampleId :

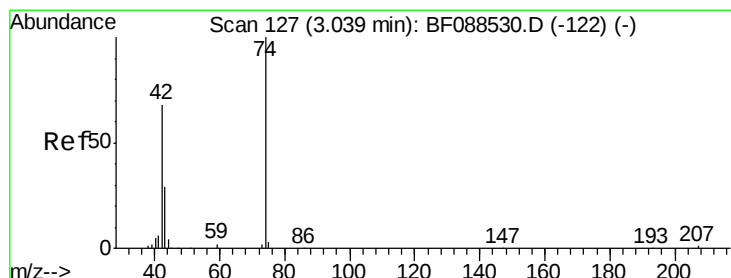
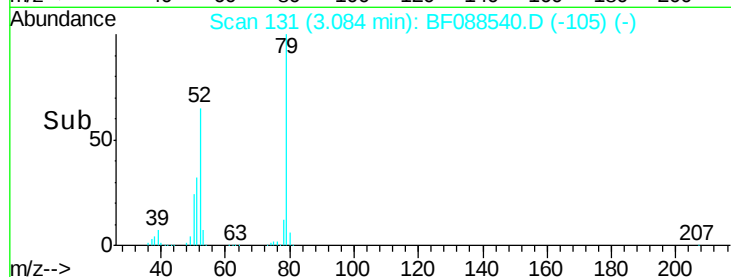
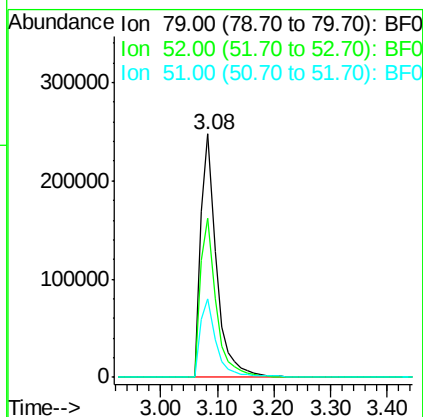
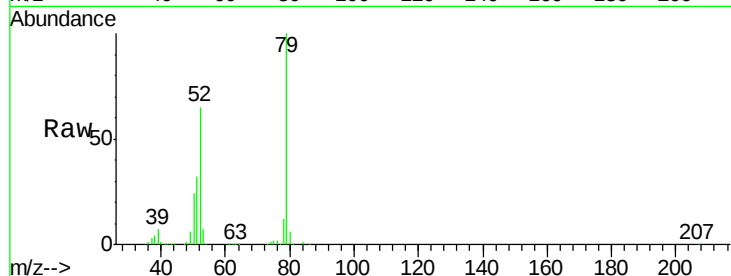
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
79	100		
52	65.5	56.3	84.5
51	32.1	27.4	41.2

Manual Integrations

SOHIL

7/1/2016 8:05:15 AM



#4

n-Nitrosodimethylamine

Concen: 39.13 ng

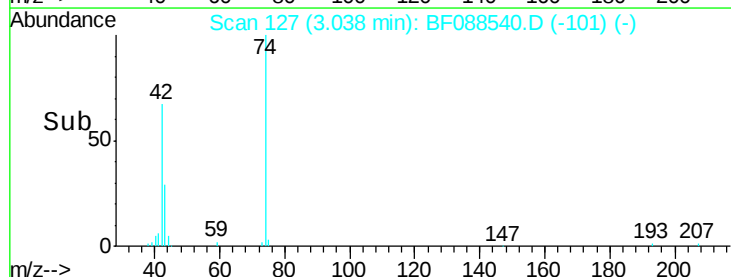
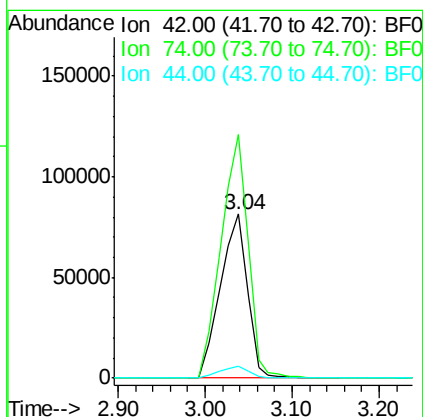
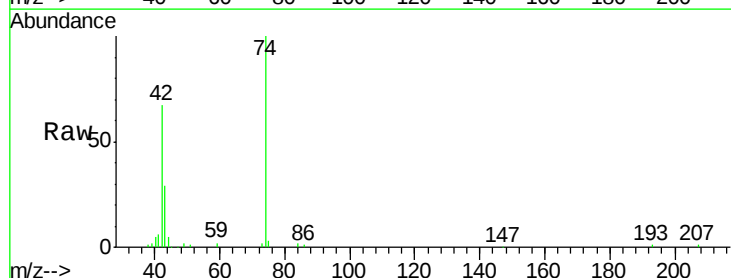
RT: 3.04 min Scan# 127

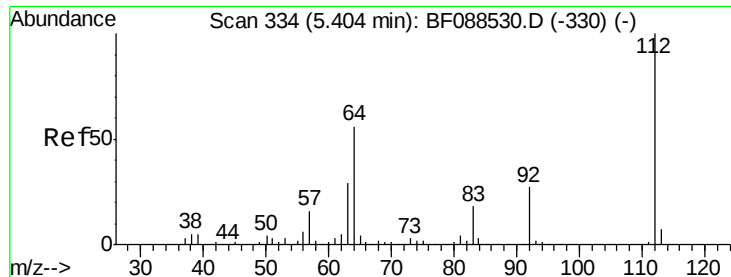
Delta R.T. -0.00 min

Lab File: BF088540.D

Acq: 30 Jun 2016 20:29

Tgt Ion	Ratio	Lower	Upper
42	100		
74	148.5	108.6	163.0
44	7.4	5.5	8.3





#5

2-Fluorophenol

Concen: 82.18 ng

RT: 5.40 min Scan# 334

Delta R.T. 0.00 min

Lab File: BF088540.D

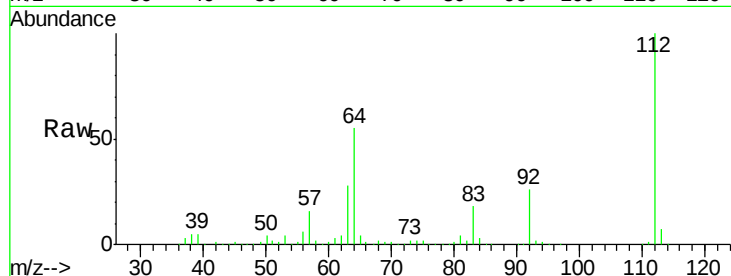
Acq: 30 Jun 2016 20:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

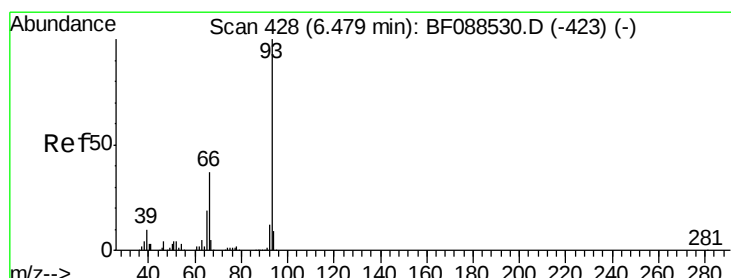
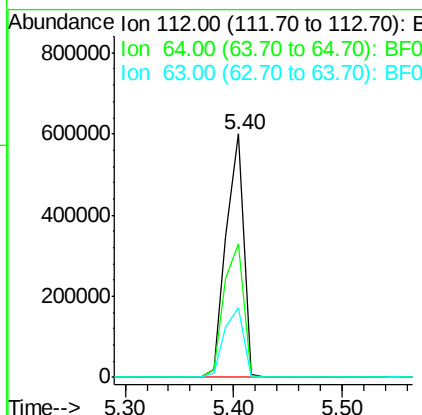
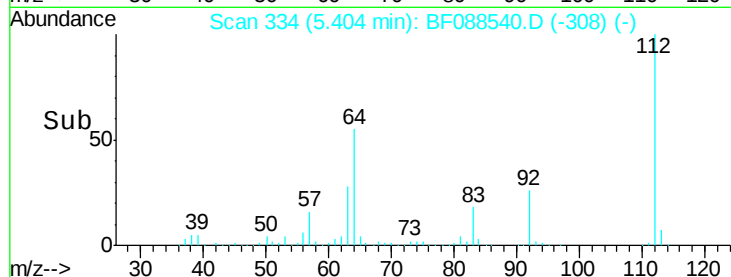


Tgt Ion:	112	Resp:	673185
Ion Ratio	Lower	Upper	
112	100		
64	55.0	42.2	63.2
63	28.3	21.8	32.8

Manual Integrations

SOHIL

7/1/2016 8:05:15 AM



#6

Aniline

Concen: 40.69 ng

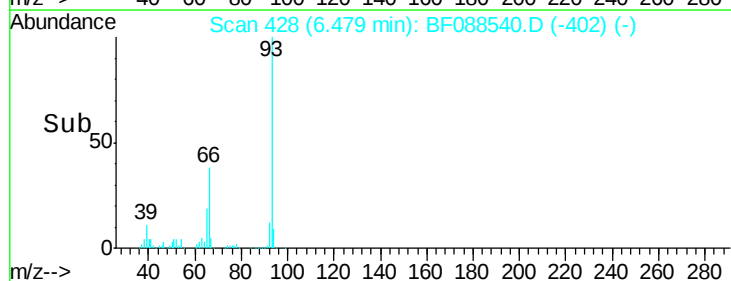
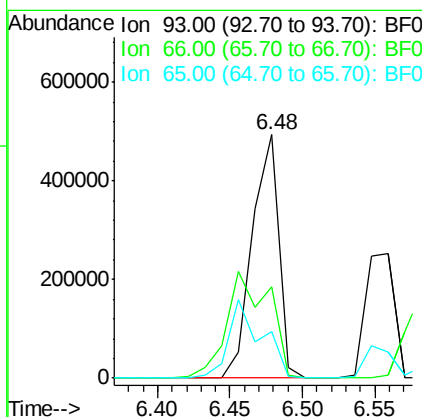
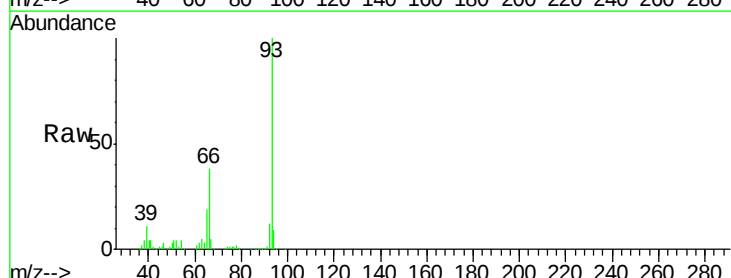
RT: 6.48 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF088540.D

Acq: 30 Jun 2016 20:29

Tgt Ion:	93	Resp:	627600
Ion Ratio	Lower	Upper	
93	100		
66	37.7	29.8	44.8
65	19.2	14.9	22.3





#7

Phenol-d6

Concen: 75.77 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088540.D

Acq: 30 Jun 2016 20:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 801987

Ion Ratio Lower Upper

99 100

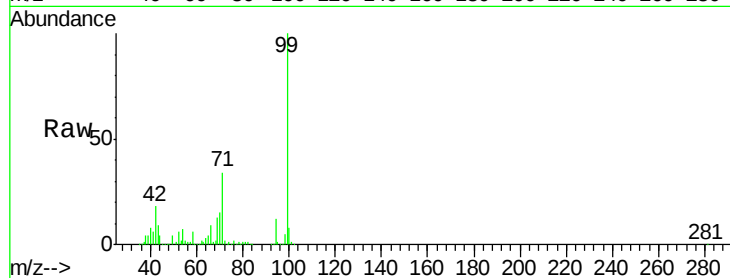
42 17.6 12.2 18.2

71 33.5 23.4 35.0

Manual Integrations

SOHIL

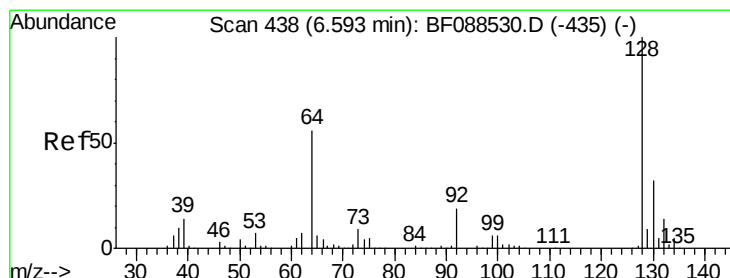
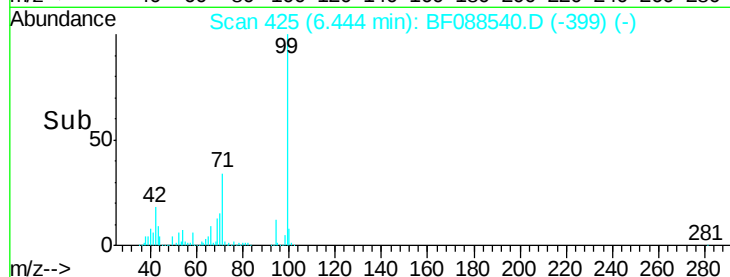
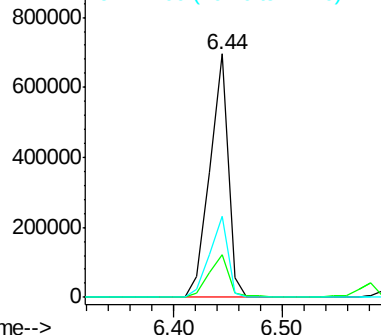
7/1/2016 8:05:15 AM



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.30 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF088540.D

Acq: 30 Jun 2016 20:29

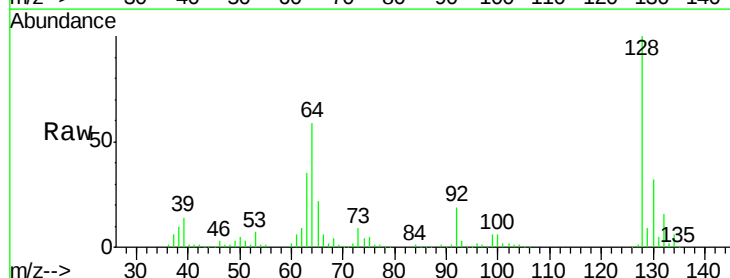
Tgt Ion: 128 Resp: 328425

Ion Ratio Lower Upper

128 100

130 32.1 12.0 52.0

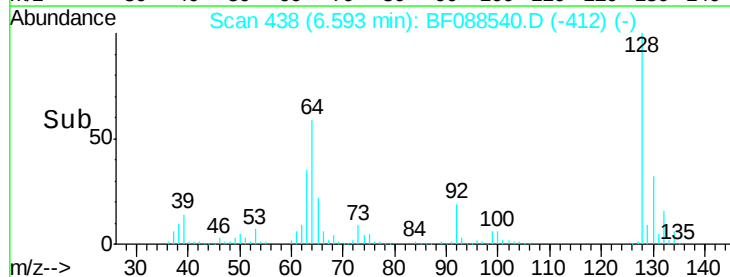
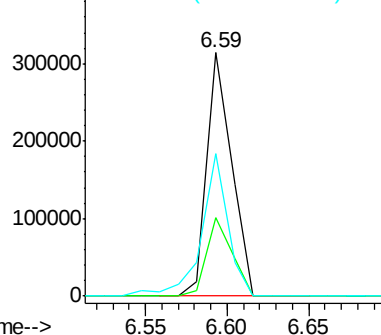
64 58.6 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.87 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF088540.D

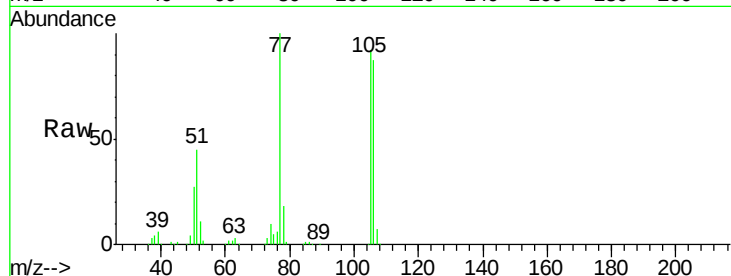
Acq: 30 Jun 2016 20:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

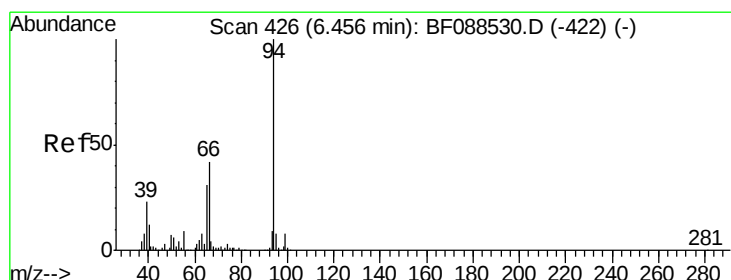
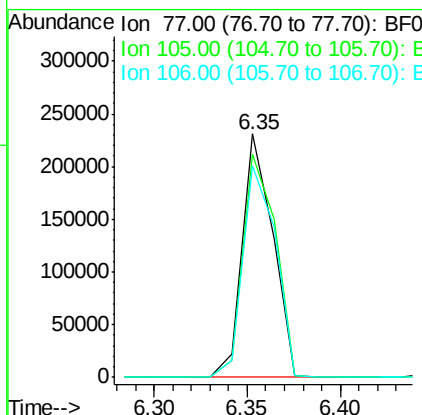
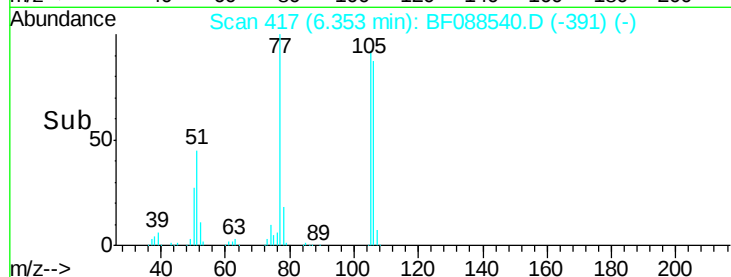


Tgt Ion:	77	Resp:	264342
Ion Ratio	Lower	Upper	
77	100		
105	91.7	90.6	130.6
106	86.8	85.3	125.3

Manual Integrations

SOHIL

7/1/2016 8:05:15 AM



#10

Phenol

Concen: 39.55 ng

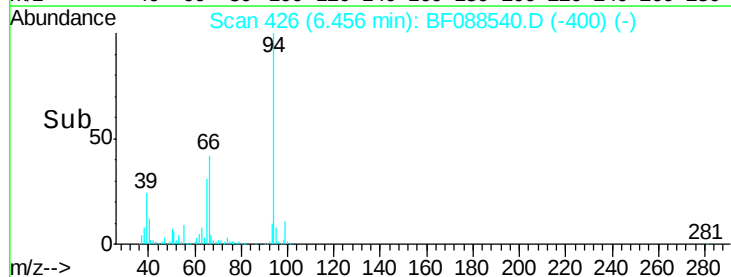
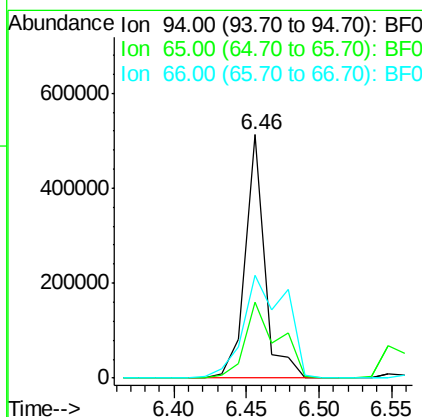
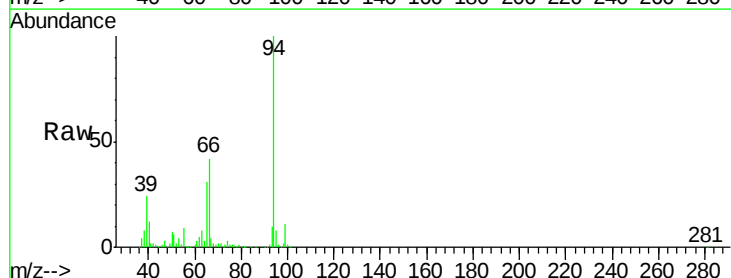
RT: 6.46 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF088540.D

Acq: 30 Jun 2016 20:29

Tgt Ion:	94	Resp:	477722
Ion Ratio	Lower	Upper	
94	100		
65	31.2	5.9	45.9
66	42.1	14.0	54.0





#11

bis(2-Chloroethyl)ether

Concen: 38.51 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF088540.D

Acq: 30 Jun 2016 20:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 346897
Ion Ratio Lower Upper

93 100

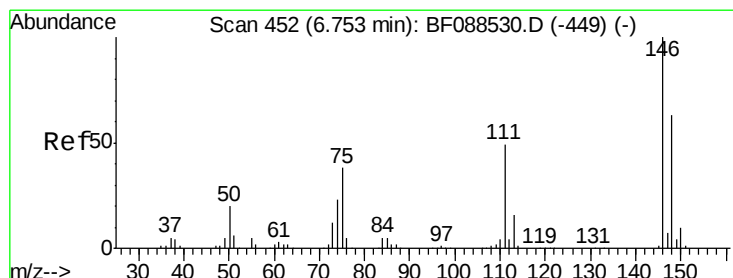
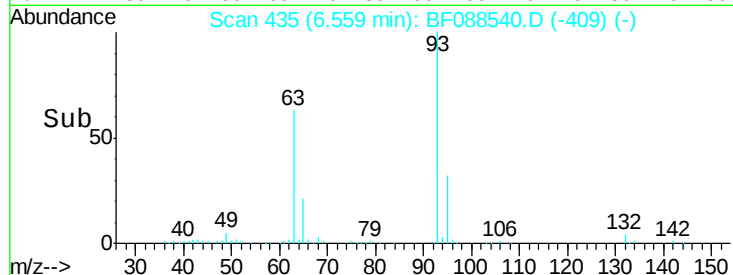
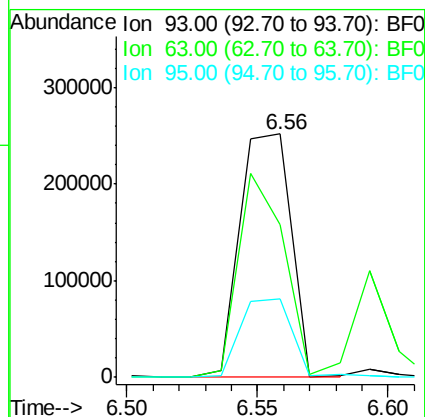
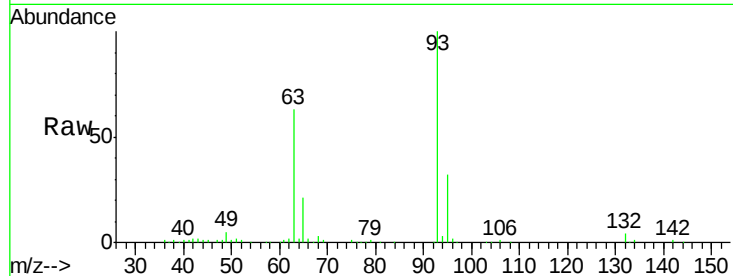
63 63.0 67.6 107.6#

95 32.2 12.5 52.5

Manual Integrations

SOHIL

7/1/2016 8:05:15 AM



#12

1,3-Dichlorobenzene

Concen: 36.96 ng

RT: 6.75 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF088540.D

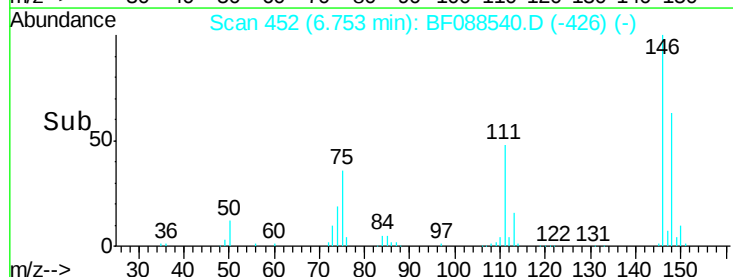
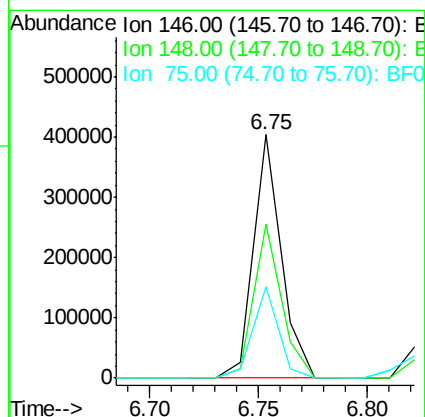
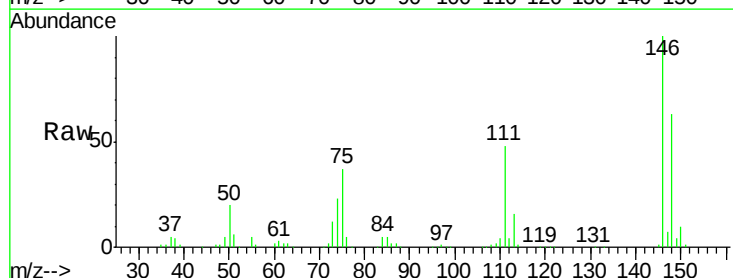
Acq: 30 Jun 2016 20:29

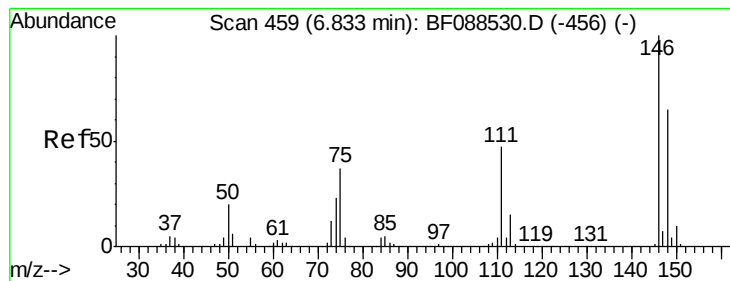
Tgt Ion: 146 Resp: 358098
Ion Ratio Lower Upper

146 100

148 63.3 50.9 76.3

75 37.4 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 39.22 ng

RT: 6.83 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF088540.D

Acq: 30 Jun 2016 20:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 377192

Ion Ratio Lower Upper

146 100

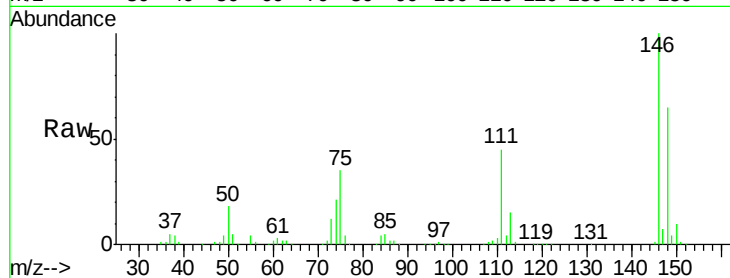
148 64.6 52.0 78.0

111 44.9 33.8 50.8

Manual Integrations

SOHIL

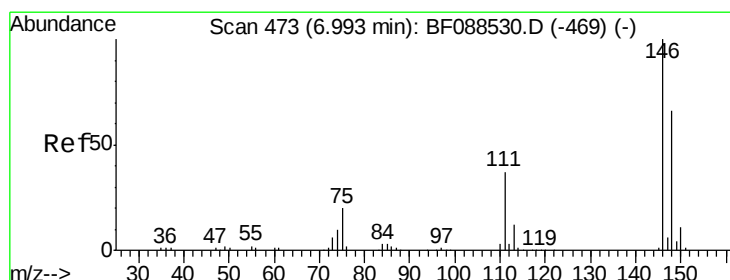
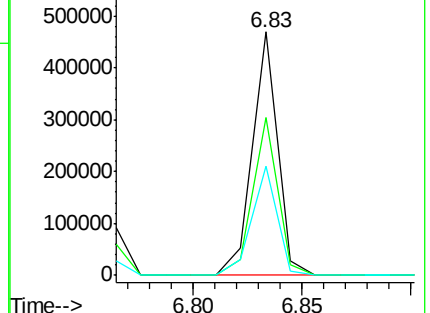
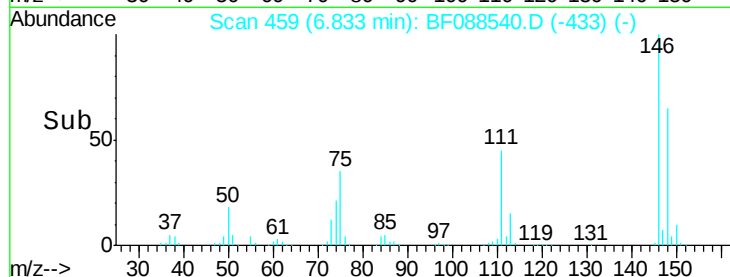
7/1/2016 8:05:15 AM



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.94 ng

RT: 6.99 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF088540.D

Acq: 30 Jun 2016 20:29

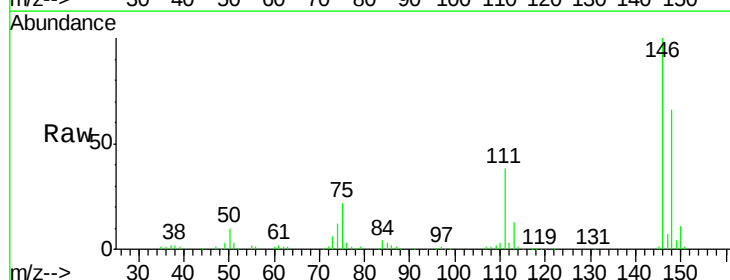
Tgt Ion:146 Resp: 341453

Ion Ratio Lower Upper

146 100

148 65.7 52.3 78.5

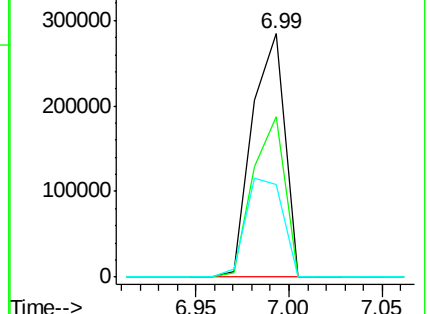
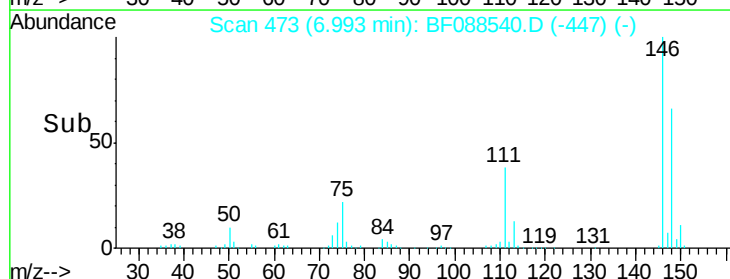
111 38.0 28.7 43.1

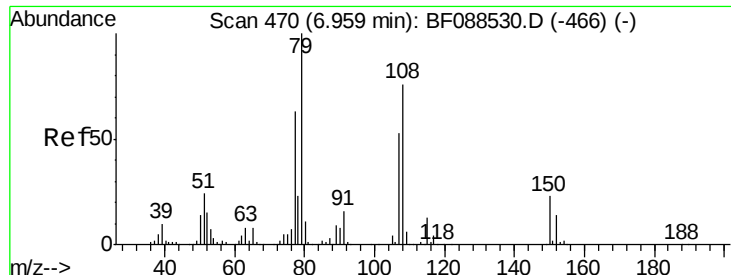


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.89 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF088540.D

Acq: 30 Jun 2016 20:29

Instrument :

BNA_F

ClientSampleId :

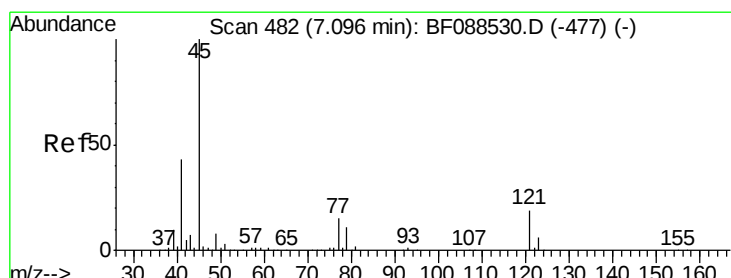
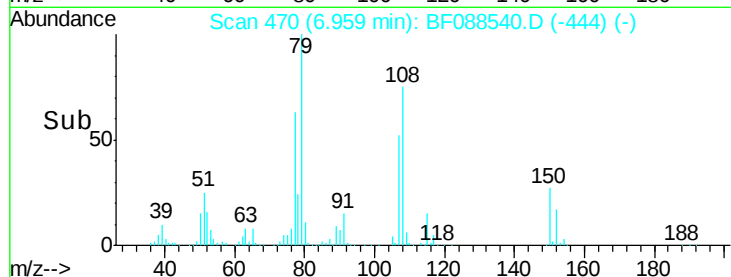
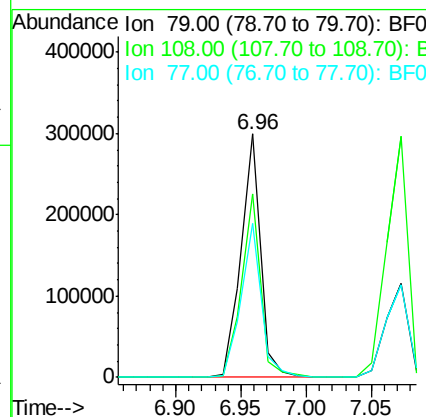
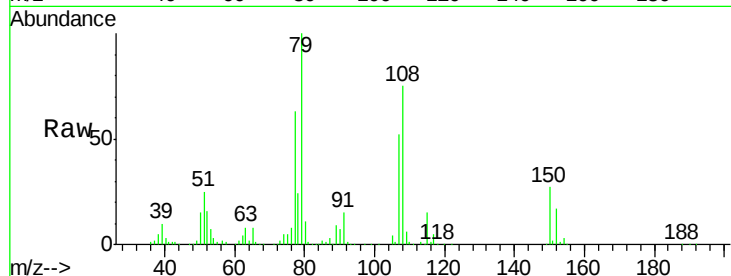
SSTDCCC040

Tgt Ion:	79	Resp:	310734
Ion	Ratio	Lower	Upper
79	100		
108	75.5	65.0	97.6
77	63.1	50.3	75.5

Manual Integrations

SOHIL

7/1/2016 8:05:15 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.62 ng

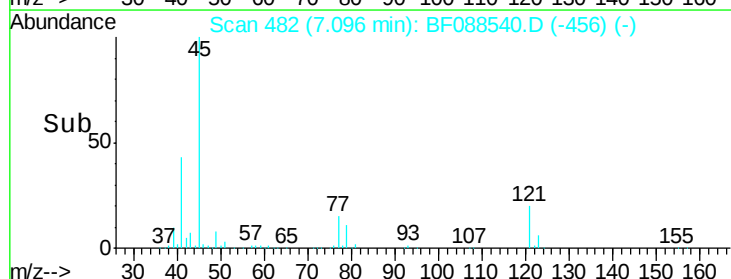
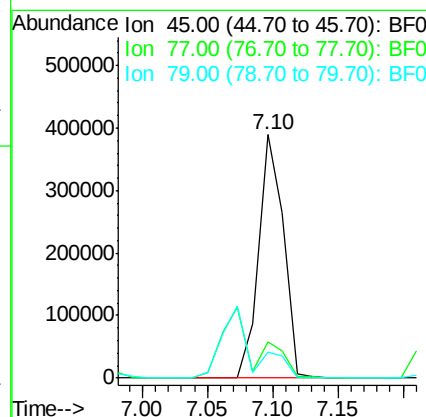
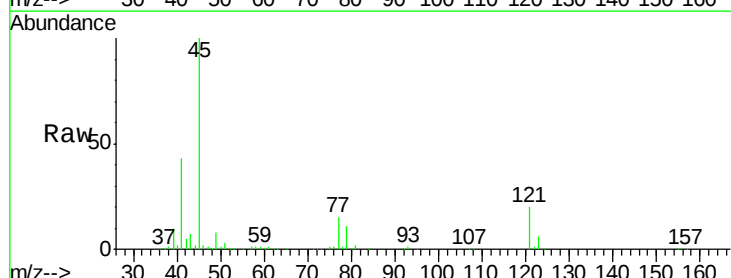
RT: 7.10 min Scan# 482

Delta R.T. -0.00 min

Lab File: BF088540.D

Acq: 30 Jun 2016 20:29

Tgt Ion:	45	Resp:	516941
Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	32.5
79	10.6	0.0	29.5





#17

2-Methylphenol

Concen: 40.77 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF088540.D

Acq: 30 Jun 2016 20:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 292858

Ion Ratio Lower Upper

107 100

108 113.8 90.9 136.3

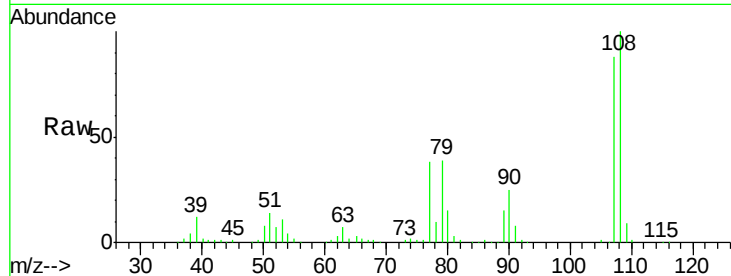
77 43.7 36.6 55.0

79 44.2 36.5 54.7

Manual Integrations

SOHIL

7/1/2016 8:05:15 AM

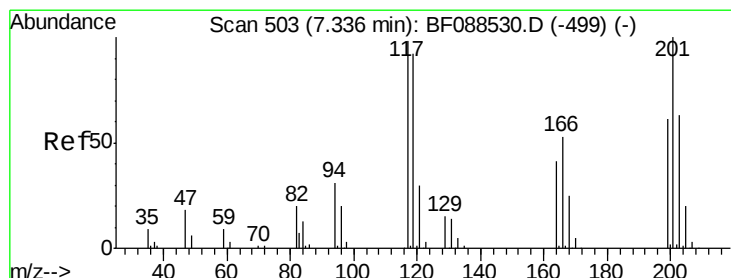
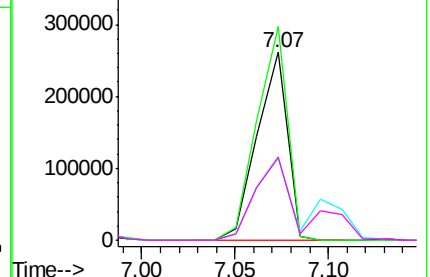
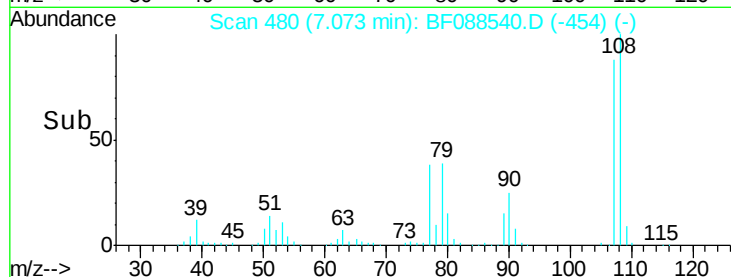


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.74 ng

RT: 7.34 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF088540.D

Acq: 30 Jun 2016 20:29

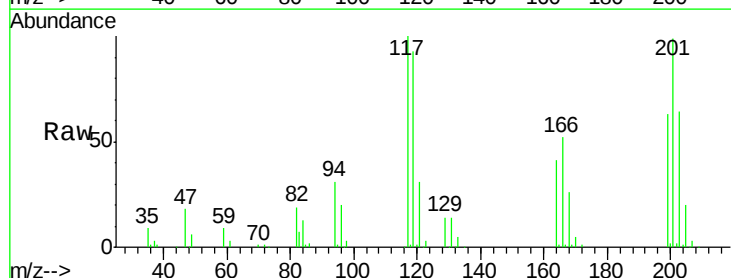
Tgt Ion:117 Resp: 147805

Ion Ratio Lower Upper

117 100

119 93.1 77.4 116.2

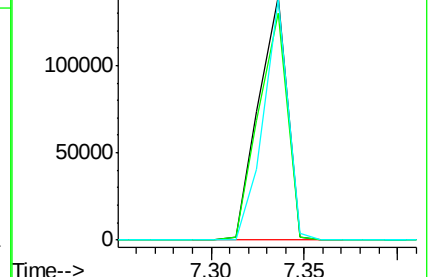
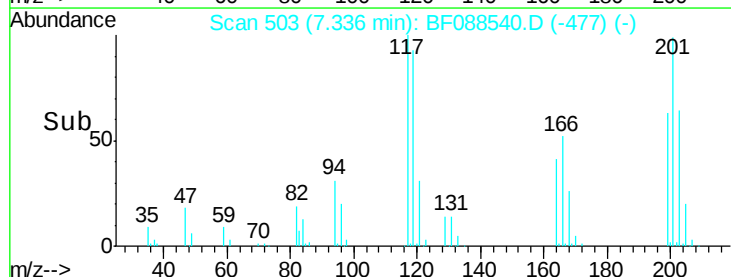
201 98.9 80.4 120.6

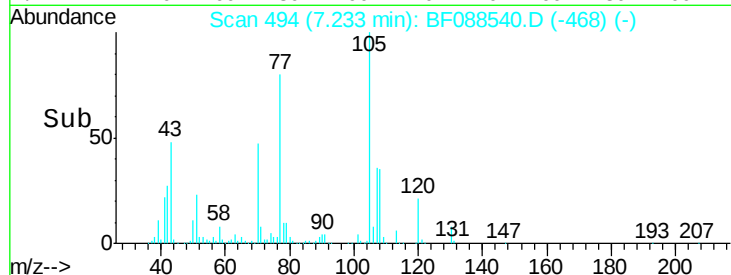
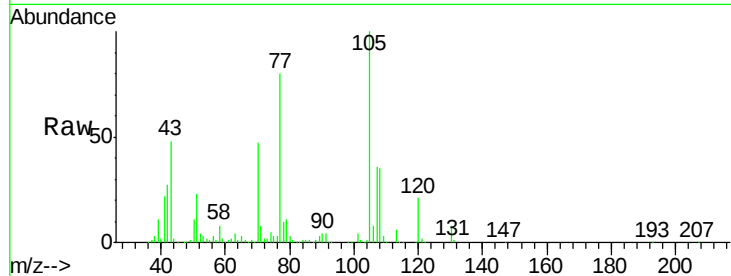


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





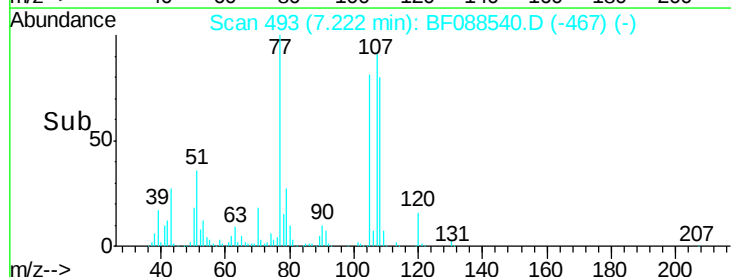
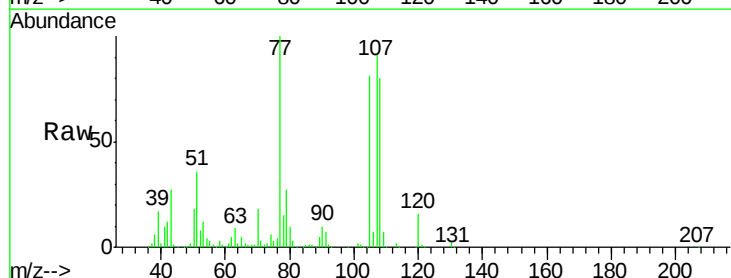
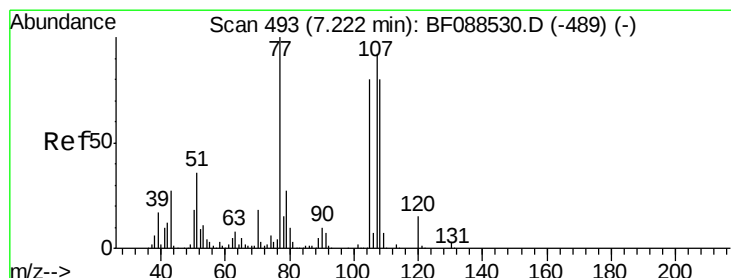
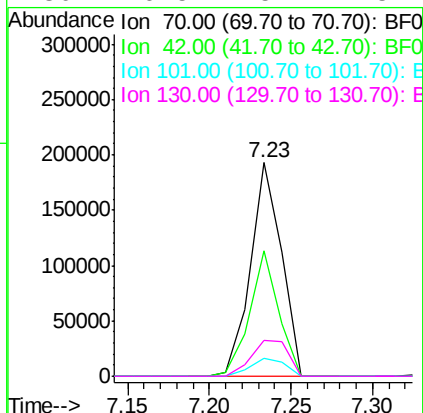
#19
n-Nitroso-di-n-propylamine
Concen: 35.61 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.00 min
Lab File: BF088540.D
Acq: 30 Jun 2016 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
70	100		
42	58.6	49.6	74.4
101	8.7	7.1	10.7
130	16.5	15.4	23.2

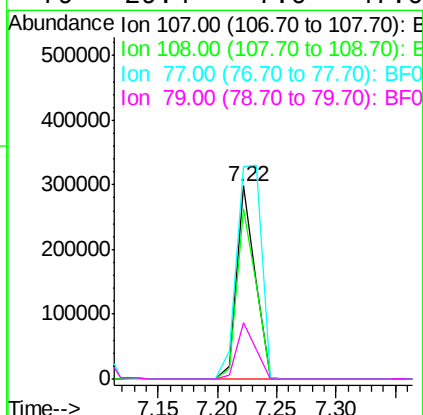
Manual Integrations

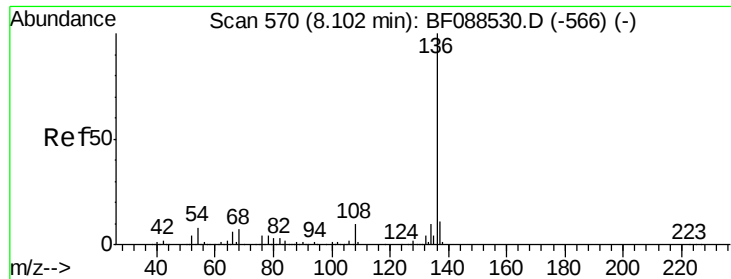
SOHIL
7/1/2016 8:05:15 AM



#20
3+4-Methylphenols
Concen: 37.36 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.00 min
Lab File: BF088540.D
Acq: 30 Jun 2016 20:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.0	67.8	107.8
77	110.0	59.3	99.3#
79	29.4	7.0	47.0





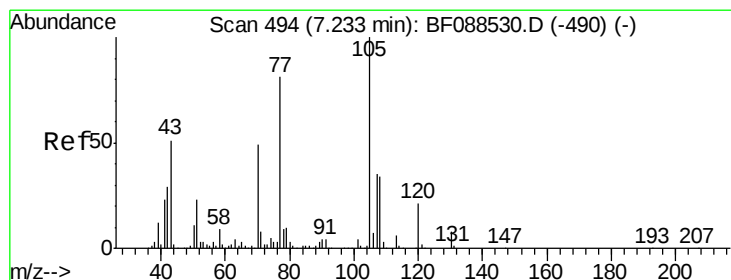
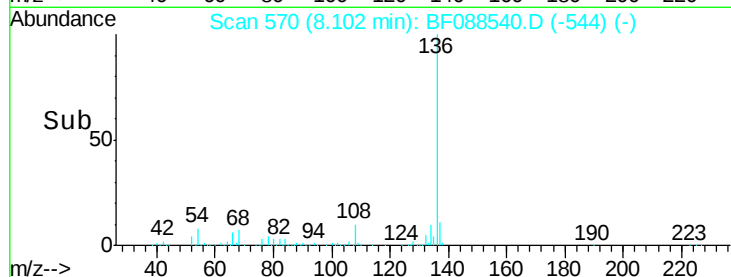
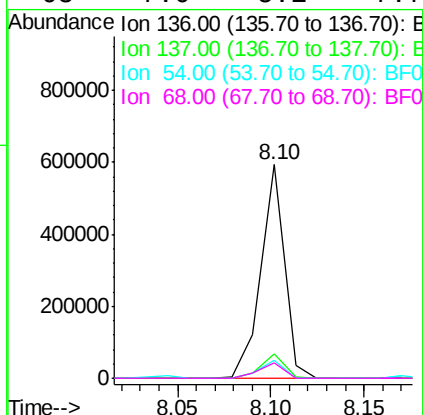
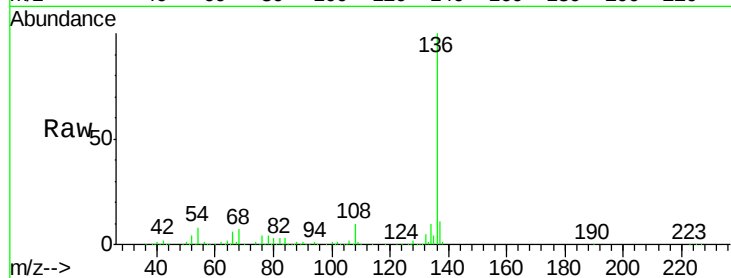
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF088540.D
Acq: 30 Jun 2016 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	517799		
137	11.3	9.1	13.7	
54	8.4	6.6	10.0	
68	7.0	5.1	7.7	

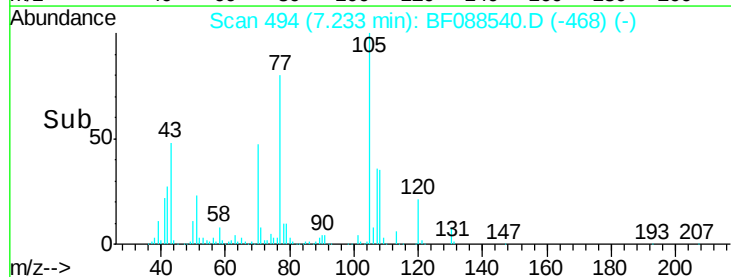
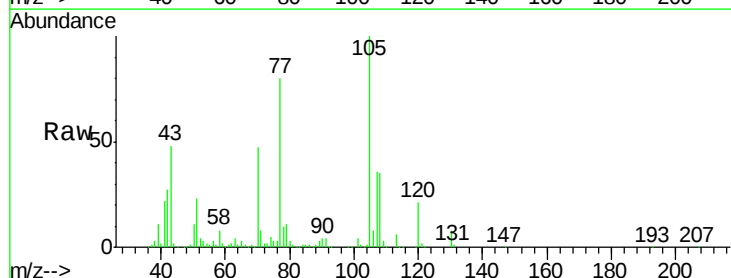
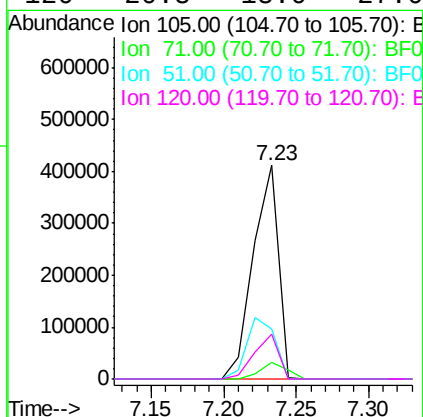
Manual Integrations

SOHIL
7/1/2016 8:05:15 AM



#22
Acetophenone
Concen: 39.51 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.00 min
Lab File: BF088540.D
Acq: 30 Jun 2016 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	496496		
71	8.1	5.3	7.9#	
51	23.2	18.2	27.4	
120	20.8	18.0	27.0	





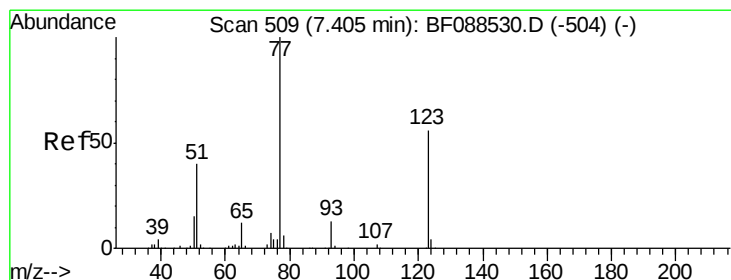
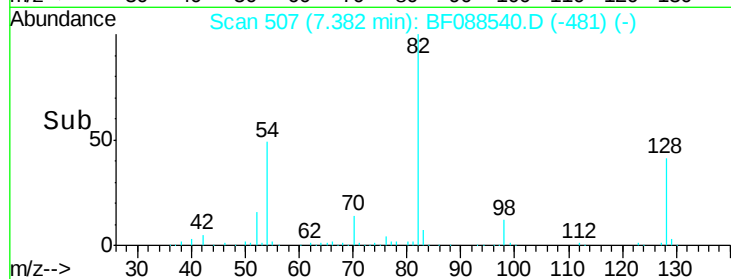
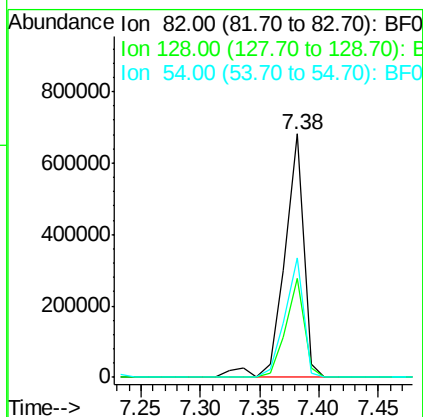
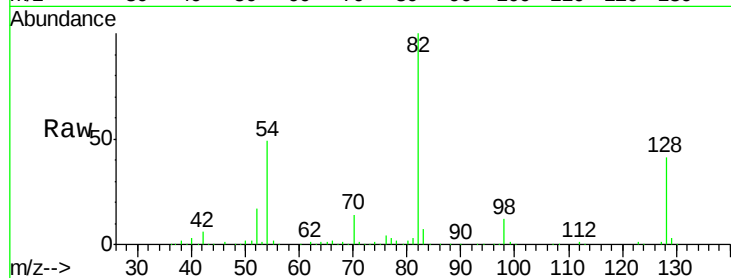
#23
 Nitrobenzene-d5
 Concen: 76.45 ng
 RT: 7.38 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF088540.D
 Acq: 30 Jun 2016 20:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.9	35.9	53.9
54	49.2	40.9	61.3

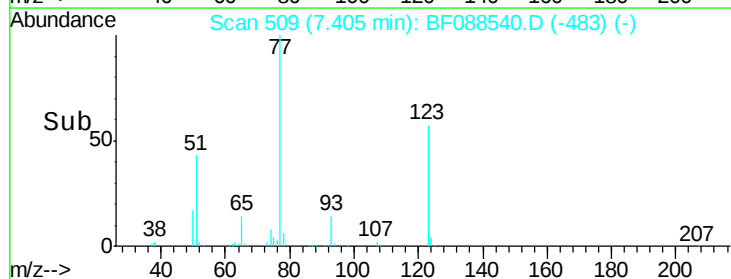
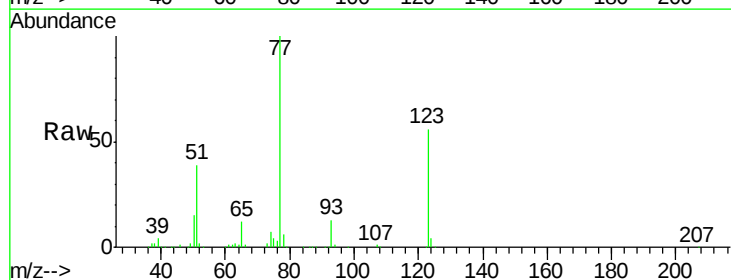
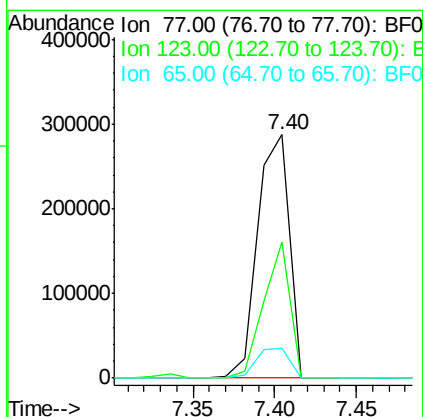
Manual Integrations

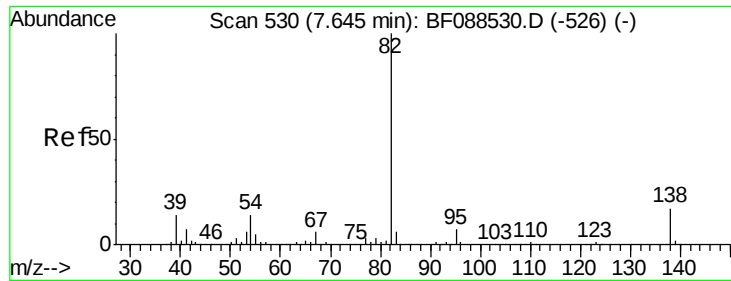
APPROVED
 SOHIL
 7/1/2016 8:05:15 AM



#24
 Nitrobenzene
 Concen: 38.89 ng
 RT: 7.40 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: BF088540.D
 Acq: 30 Jun 2016 20:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	56.0	45.0	67.4
65	12.1	10.2	15.2





#25

Isophorone

Concen: 37.85 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF088540.D

Acq: 30 Jun 2016 20:29

Instrument :

BNA_F

ClientSampleId :

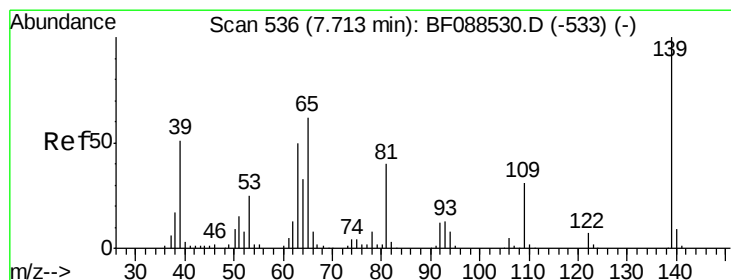
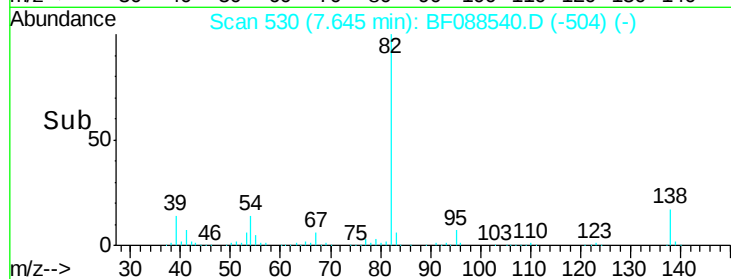
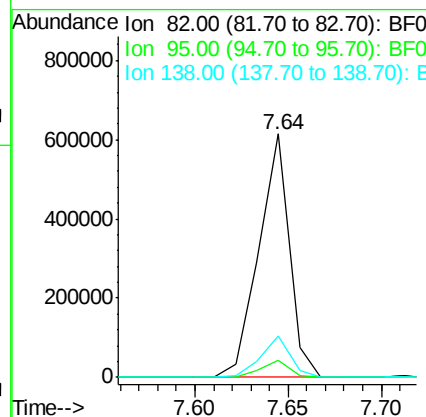
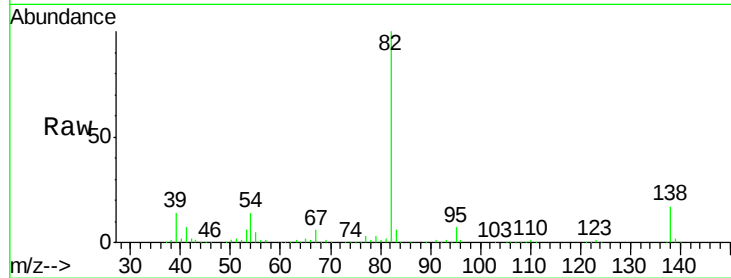
SSTDCCC040

Tgt Ion:	82	Resp:	692781
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.4	8.2
138	16.9	14.6	21.8

Manual Integrations

SOHIL

7/1/2016 8:05:15 AM



#26

2-Nitrophenol

Concen: 36.92 ng

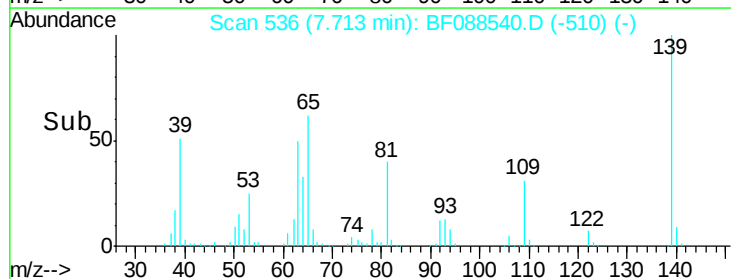
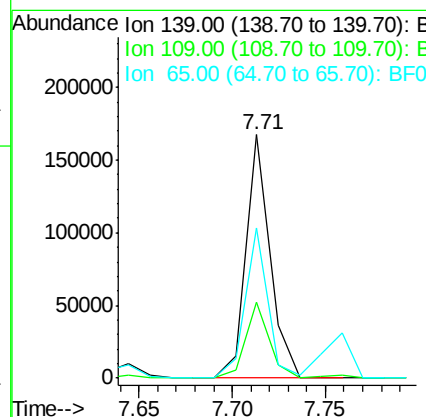
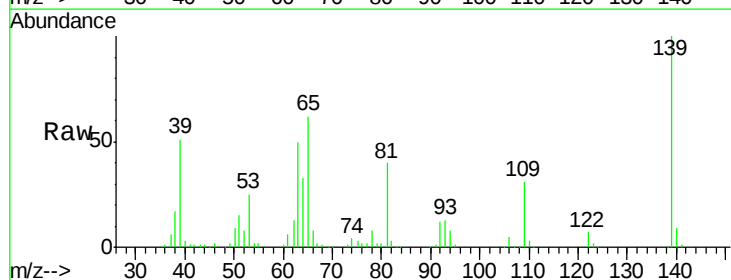
RT: 7.71 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF088540.D

Acq: 30 Jun 2016 20:29

Tgt Ion:	139	Resp:	150817
Ion Ratio	Lower	Upper	
139	100		
109	31.3	23.0	34.4
65	61.9	45.8	68.8





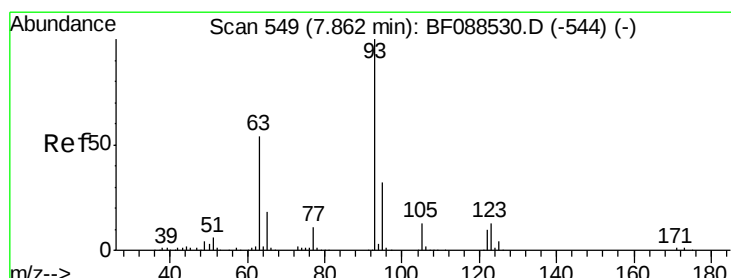
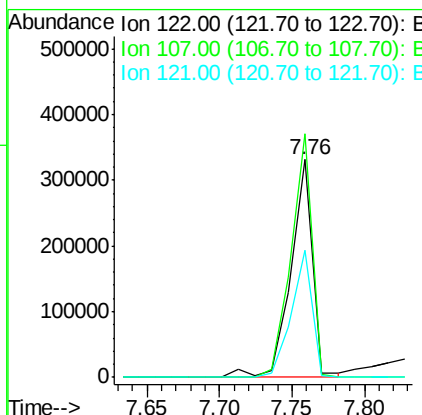
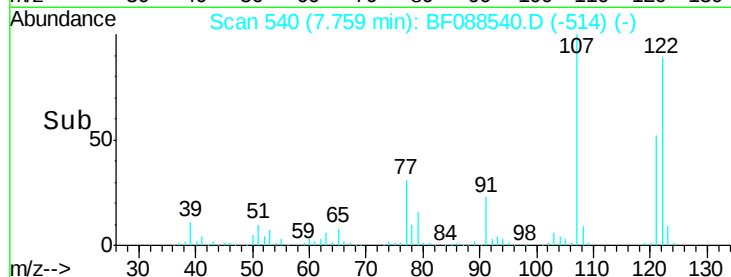
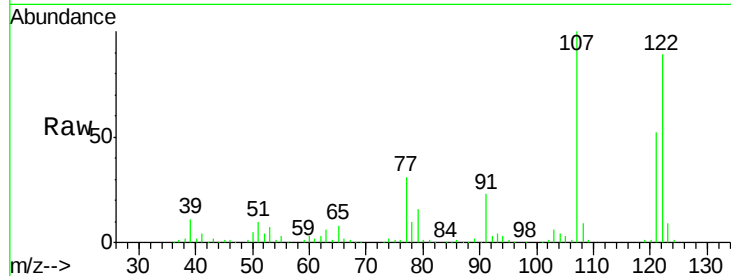
#27
2,4-Dimethylphenol
Concen: 40.28 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF088540.D
Acq: 30 Jun 2016 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.9	82.4	123.6
121	58.7	46.3	69.5

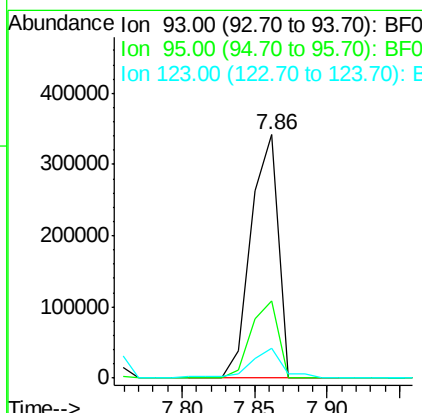
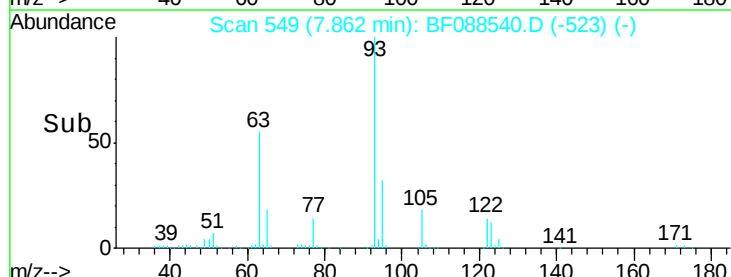
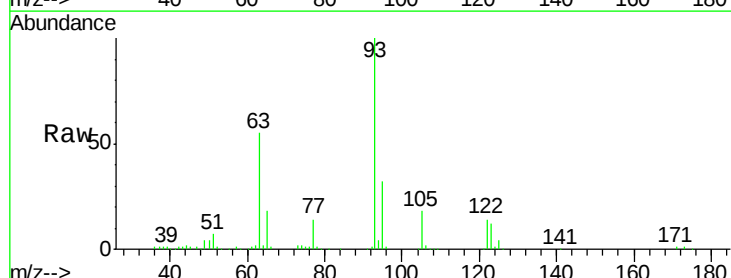
Manual Integrations

SOHIL
7/1/2016 8:05:15 AM



#28
bis(2-Chloroethoxy)methane
Concen: 37.14 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF088540.D
Acq: 30 Jun 2016 20:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.5	39.7
123	12.4	11.6	17.4





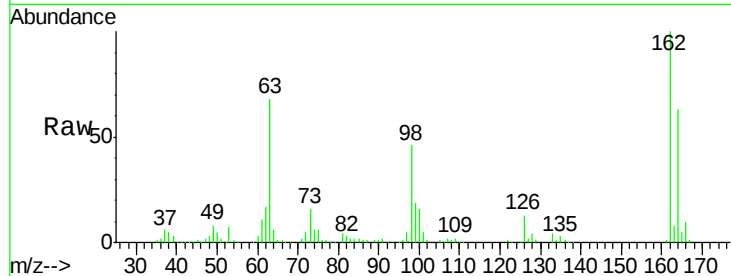
#29
2,4-Dichlorophenol
Concen: 37.73 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF088540.D
Acq: 30 Jun 2016 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

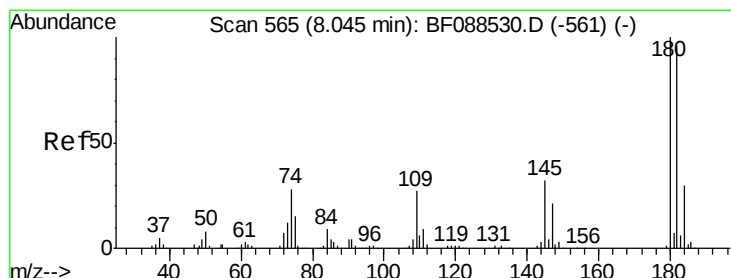
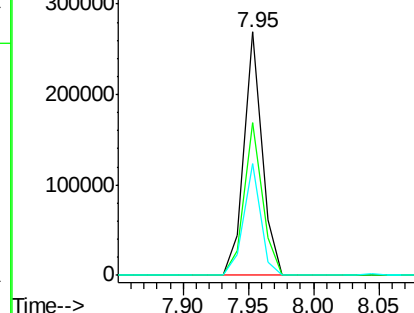
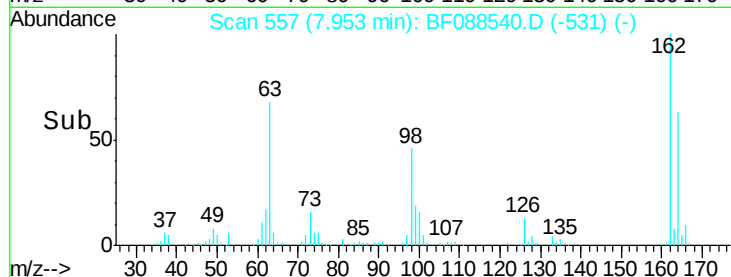
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	259447		
164	62.9	43.8	83.8	
98	45.7	21.3	61.3	

Manual Integrations

APPROVED
SOHIL
7/1/2016 8:05:15 AM

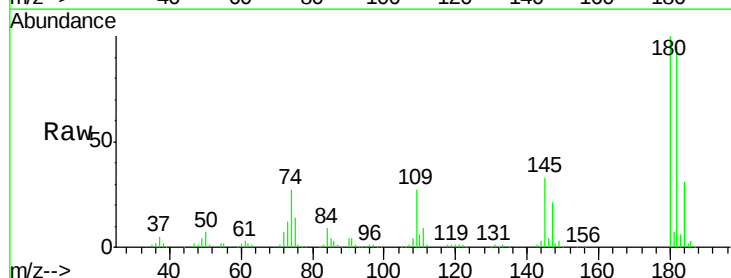


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

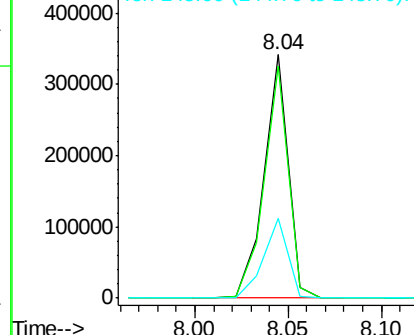
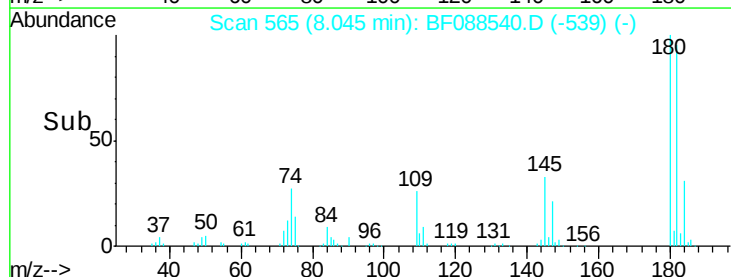


#30
1,2,4-Trichlorobenzene
Concen: 40.13 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF088540.D
Acq: 30 Jun 2016 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	302818		
182	95.3	76.0	114.0	
145	32.6	26.5	39.7	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





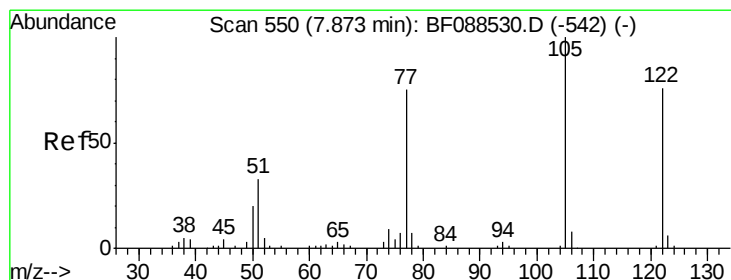
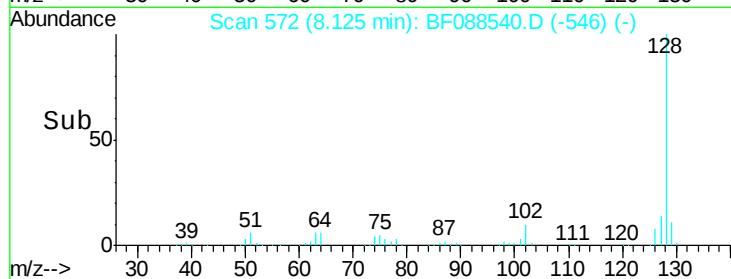
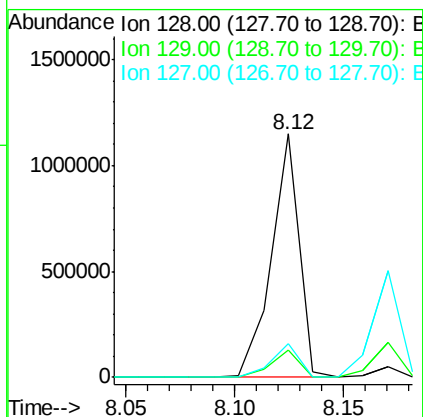
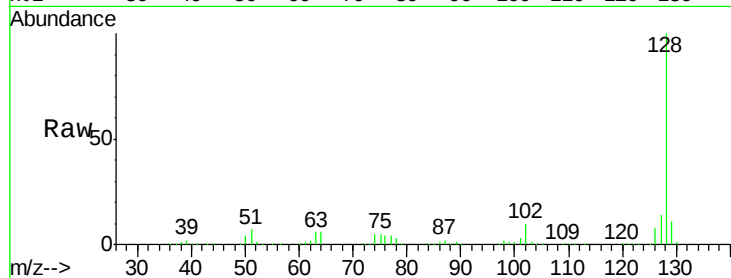
#31
Naphthalene
Concen: 40.35 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.00 min
Lab File: BF088540.D
Acq: 30 Jun 2016 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1030089
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 13.7 10.9 16.3

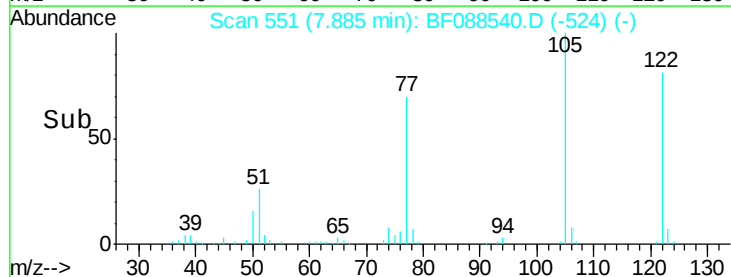
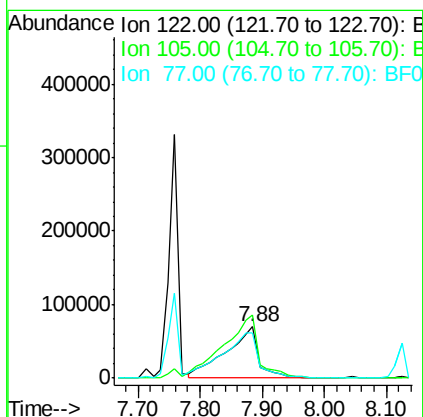
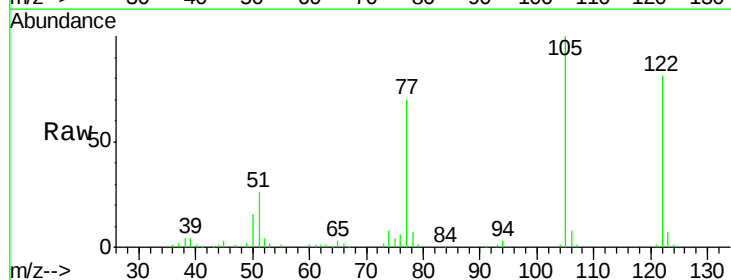
Manual Integrations

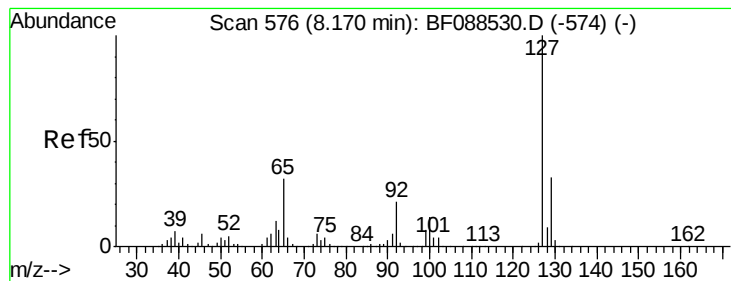
APPROVED
SOHIL
7/1/2016 8:05:15 AM



#32
Benzoic acid
Concen: 41.40 ng
RT: 7.88 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF088540.D
Acq: 30 Jun 2016 20:29

Tgt Ion:122 Resp: 255730
Ion Ratio Lower Upper
122 100
105 124.2 101.6 141.6
77 87.4 70.6 110.6





#33

4-Chloroaniline

Concen: 38.64 ng

RT: 8.17 min Scan# 576

Delta R.T. -0.00 min

Lab File: BF088540.D

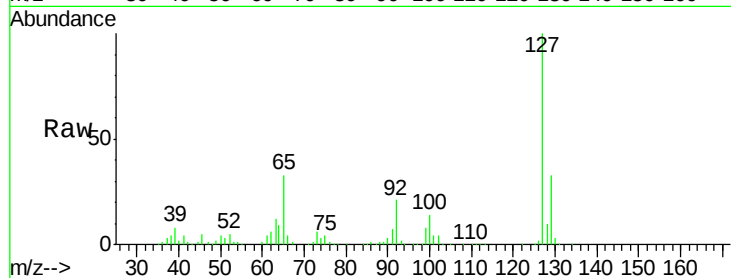
Acq: 30 Jun 2016 20:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

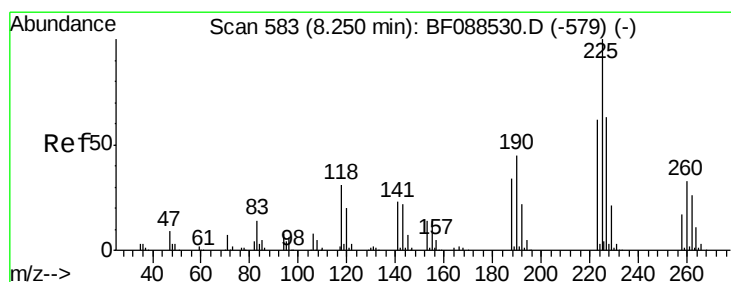
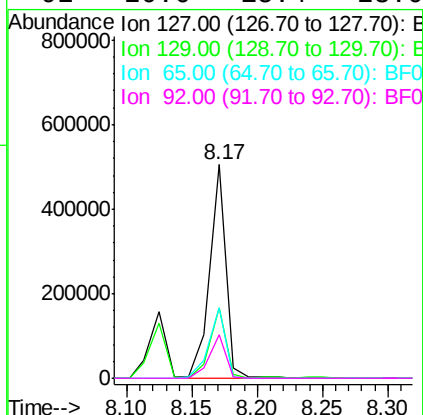
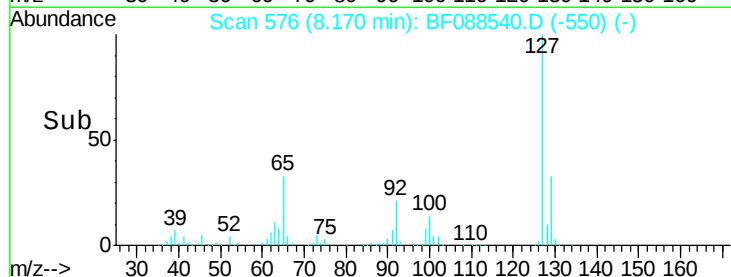


Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	33.2	24.7	37.1
92	20.6	15.4	23.0

Manual Integrations

SOHIL

7/1/2016 8:05:15 AM



#34

Hexachlorobutadiene

Concen: 39.93 ng

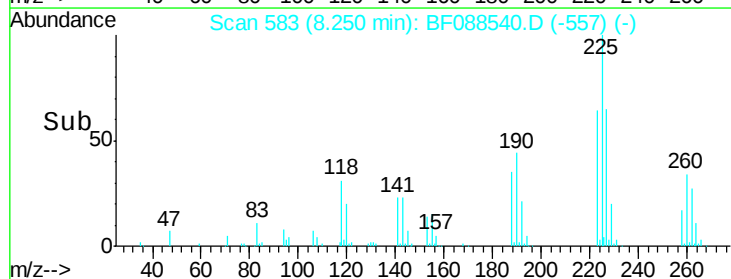
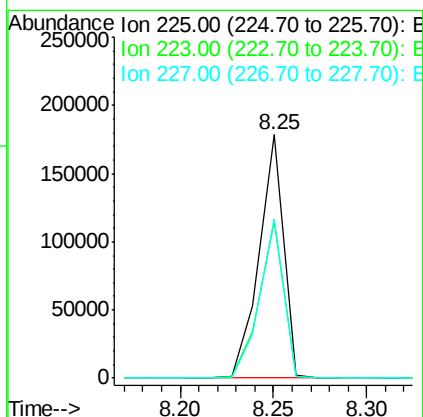
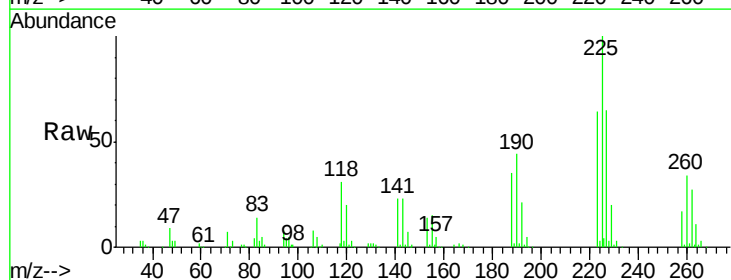
RT: 8.25 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF088540.D

Acq: 30 Jun 2016 20:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.9	76.3
227	65.2	51.9	77.9





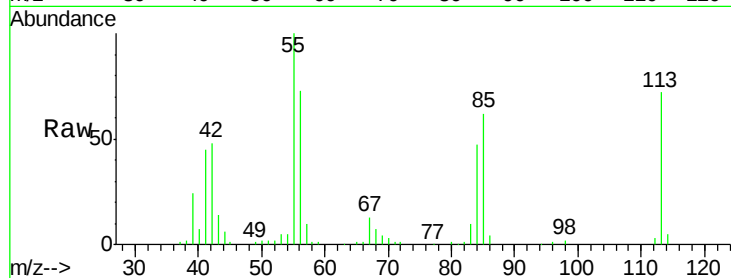
#35
 Caprolactam
 Concen: 41.86 ng
 RT: 8.55 min Scan# 609
 Delta R.T. 0.01 min
 Lab File: BF088540.D
 Acq: 30 Jun 2016 20:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

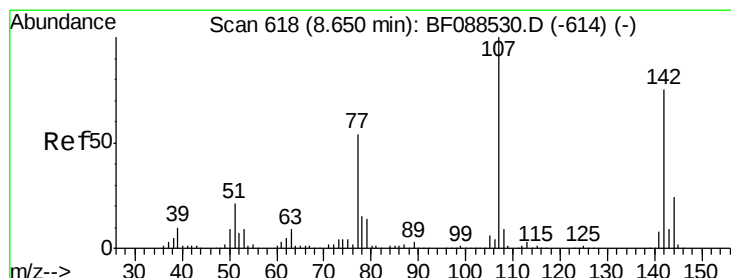
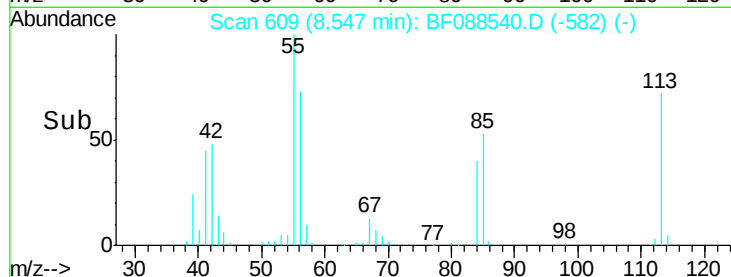
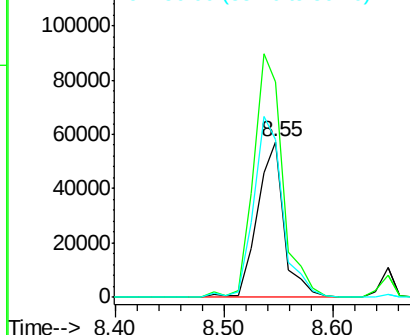
Tgt Ion:113 Resp: 97754
 Ion Ratio Lower Upper
 113 100
 55 138.9 158.6 198.6#
 56 101.6 110.6 150.6#

Manual Integrations

APPROVED
 SOHIL
 7/1/2016 8:05:15 AM

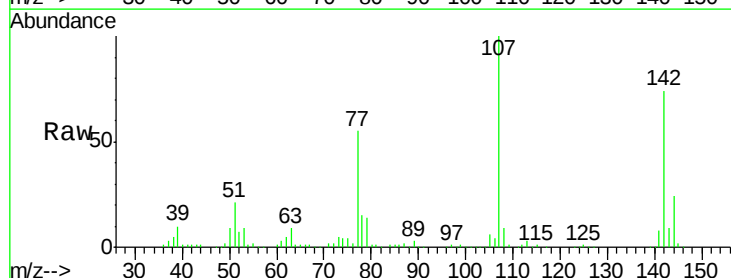


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

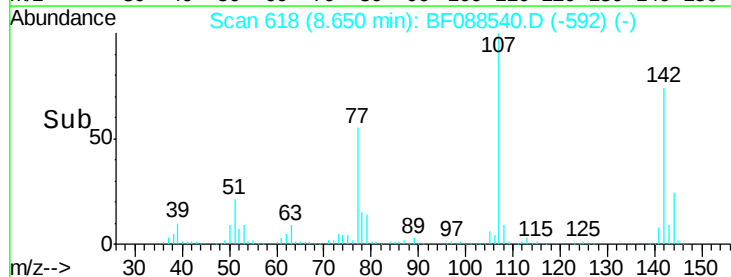
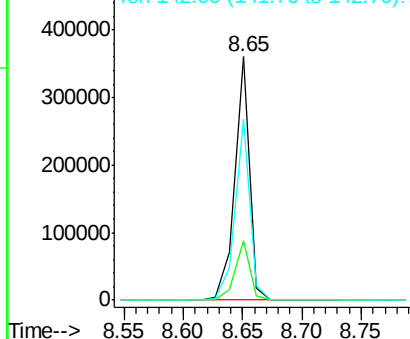


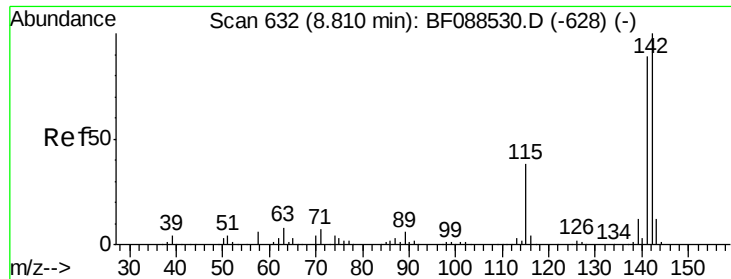
#36
 4-Chloro-3-methylphenol
 Concen: 38.64 ng
 RT: 8.65 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF088540.D
 Acq: 30 Jun 2016 20:29

Tgt Ion:107 Resp: 314222
 Ion Ratio Lower Upper
 107 100
 144 24.3 20.8 31.2
 142 74.4 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





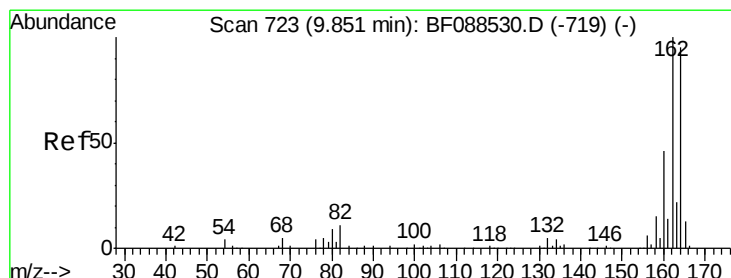
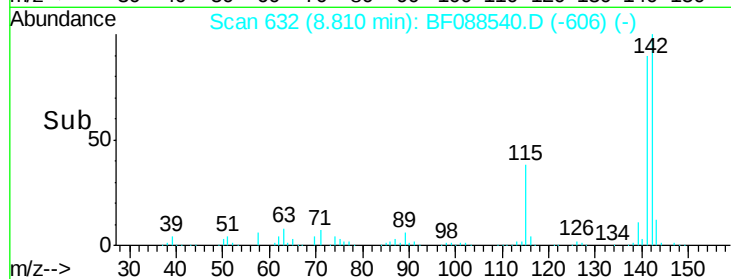
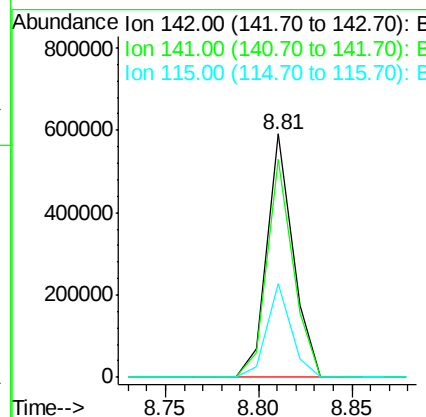
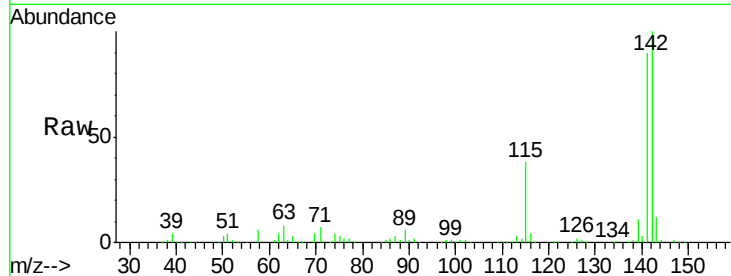
#37
2-Methylnaphthalene
Concen: 34.86 ng
RT: 8.81 min Scan# 632
Delta R.T. -0.00 min
Lab File: BF088540.D
Acq: 30 Jun 2016 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.0	106.6
115	38.4	22.6	33.8

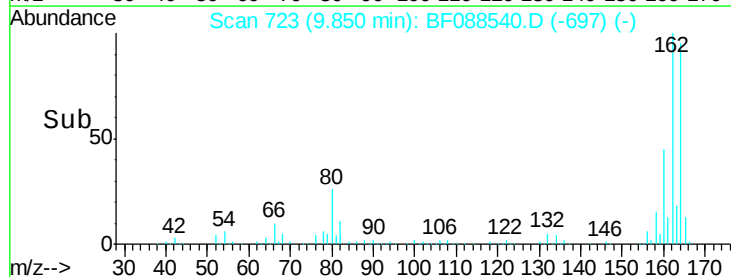
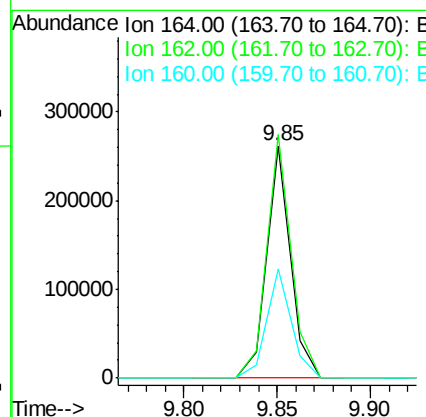
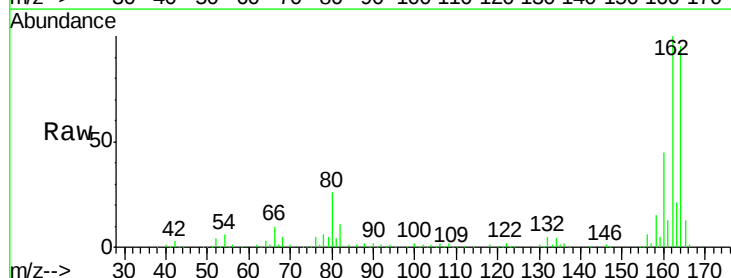
Manual Integrations

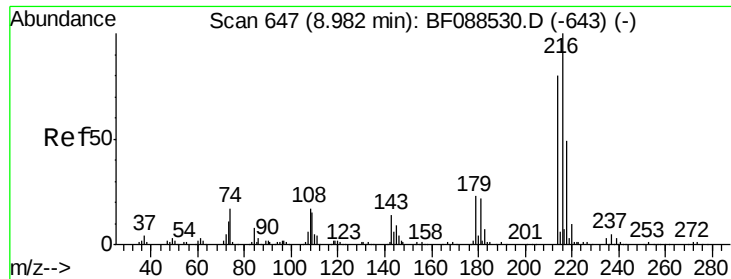
SOHIL
7/1/2016 8:05:15 AM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF088540.D
Acq: 30 Jun 2016 20:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	85.4	128.2
160	47.1	39.5	59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.86 ng

RT: 8.98 min Scan# 647

Delta R.T. -0.00 min

Lab File: BF088540.D

Acq: 30 Jun 2016 20:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 312106
Ion Ratio Lower Upper

216 100

214 79.7 2.9 4.3#

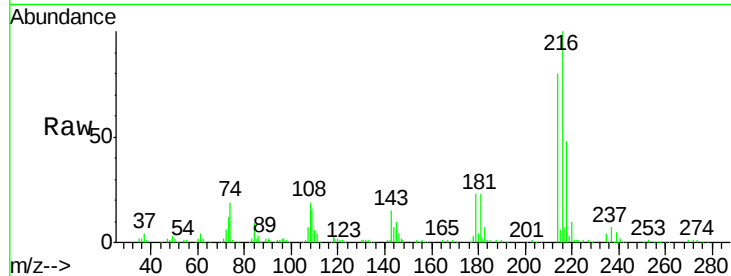
179 23.7 0.0 0.0#

108 23.2 0.5 0.7#

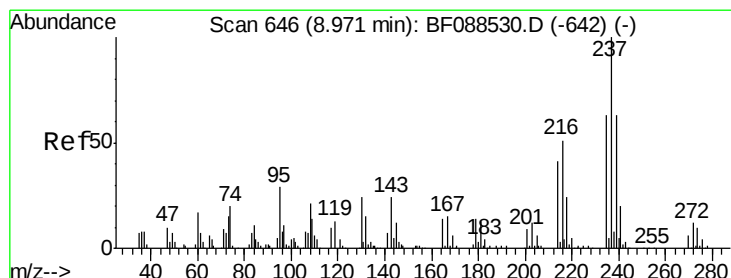
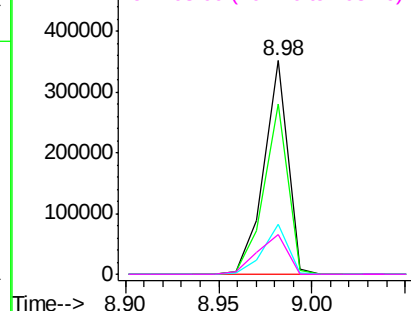
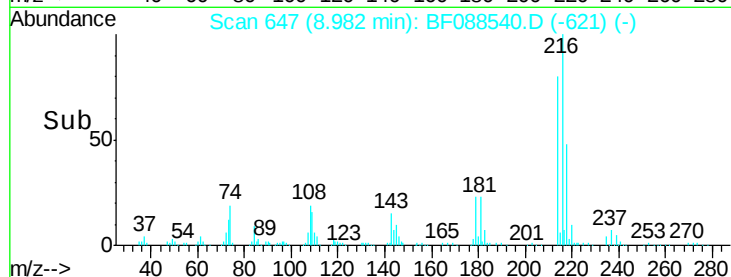
Manual Integrations

SOHIL

7/1/2016 8:05:15 AM



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



#40

Hexachlorocyclopentadiene

Concen: 39.09 ng

RT: 8.97 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF088540.D

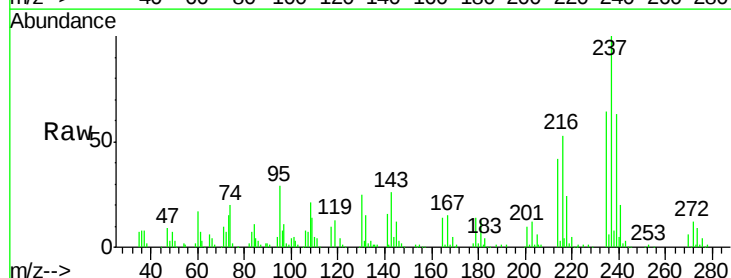
Acq: 30 Jun 2016 20:29

Tgt Ion:237 Resp: 146551
Ion Ratio Lower Upper

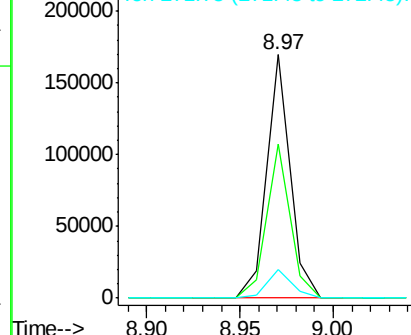
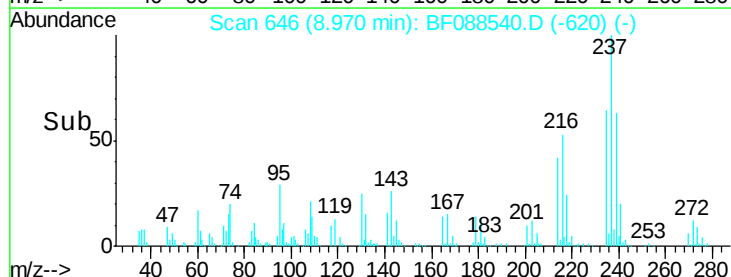
237 100

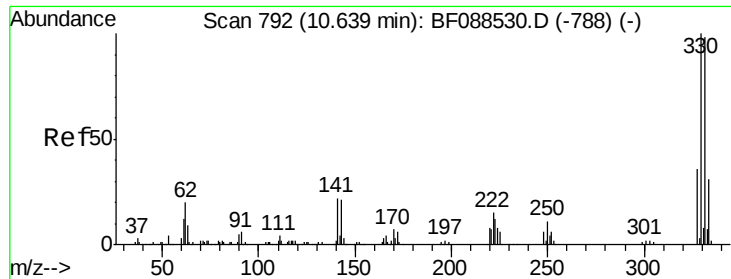
235 63.5 43.4 83.4

272 11.7 0.0 32.3



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





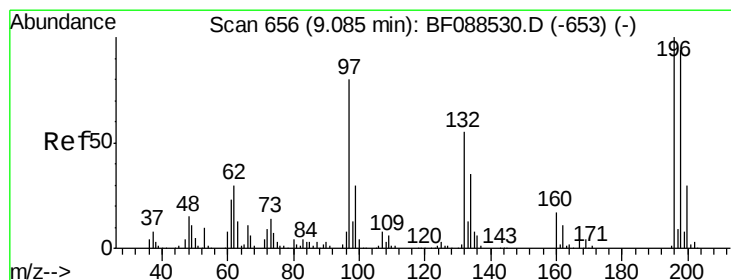
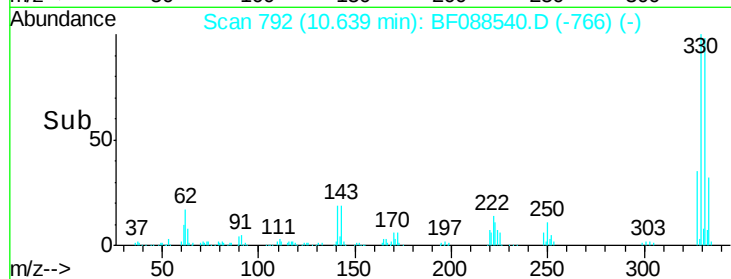
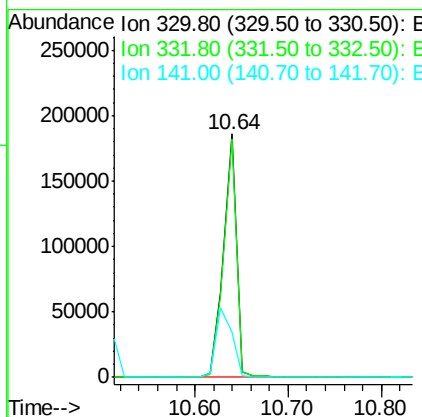
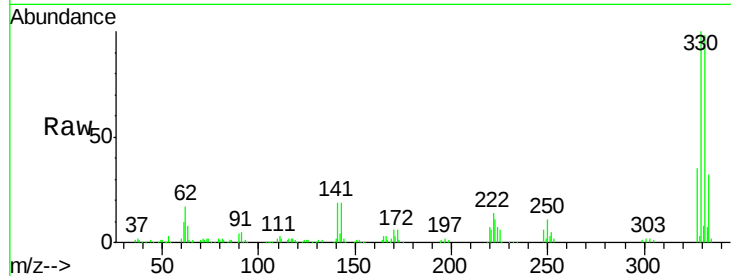
#41
 2,4,6-Tribromophenol
 Concen: 84.38 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF088540.D
 Acq: 30 Jun 2016 20:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	179921		
332	97.2	0.0	0.0	0.0
141	35.6	0.0	0.0	0.0

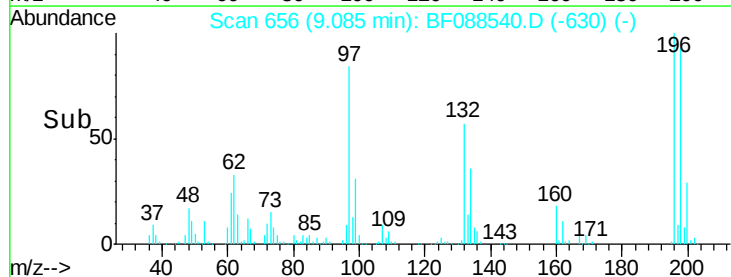
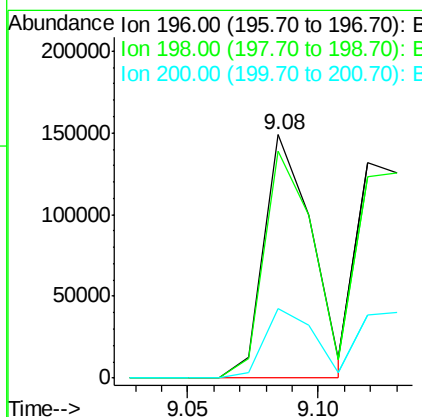
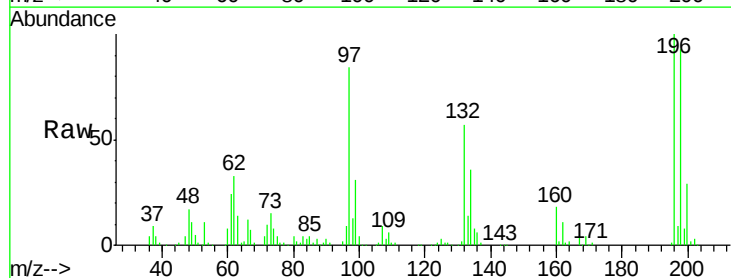
Manual Integrations

SOHIL
 7/1/2016 8:05:15 AM



#42
 2,4,6-Trichlorophenol
 Concen: 37.12 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: BF088540.D
 Acq: 30 Jun 2016 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	186925		
198	93.3	78.0	117.0	
200	28.7	25.4	38.2	





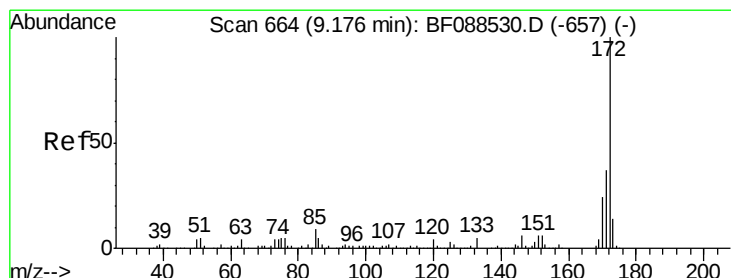
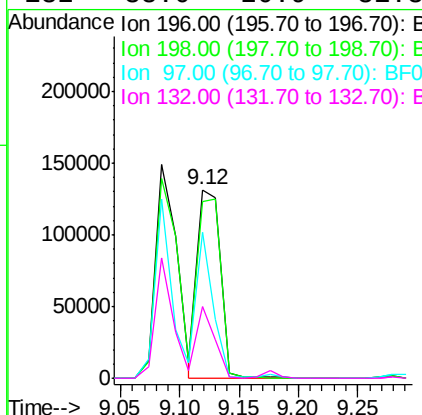
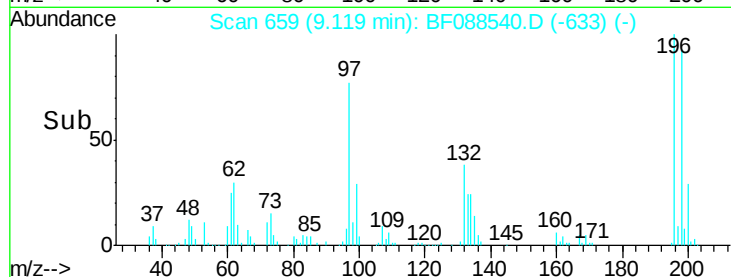
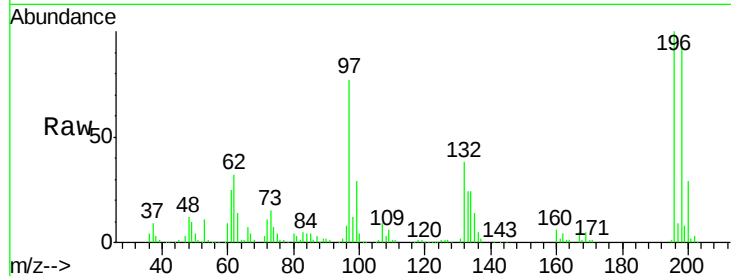
#43
 2,4,5-Trichlorophenol
 Concen: 41.88 ng
 RT: 9.12 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: BF088540.D
 Acq: 30 Jun 2016 20:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	181433		
198	93.4	77.5	116.3	
97	77.1	32.0	48.0	
132	38.0	20.9	31.3	

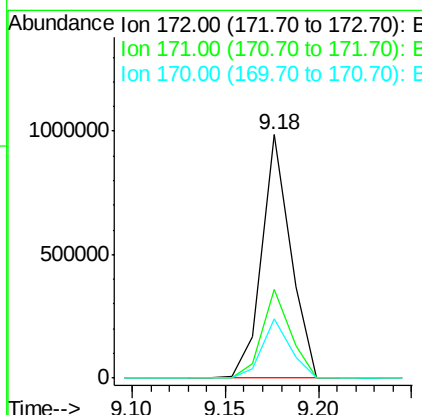
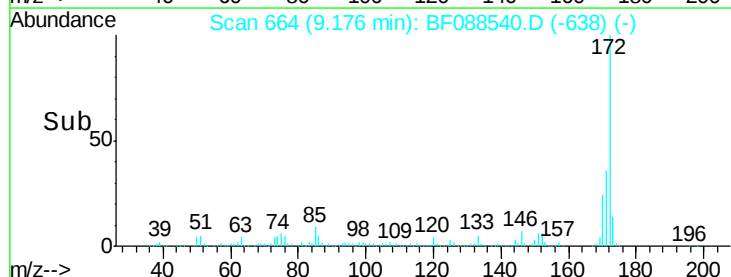
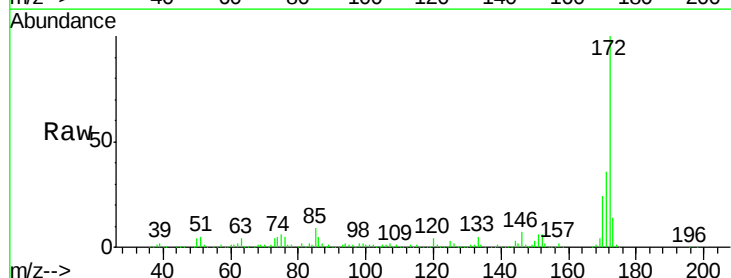
Manual Integrations

APPROVED
 SOHIL
 7/1/2016 8:05:15 AM



#44
 2-Fluorobiphenyl
 Concen: 72.25 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF088540.D
 Acq: 30 Jun 2016 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1050356		
171	36.3	28.6	43.0	
170	24.4	19.2	28.8	





#45

1,1'-Biphenyl

Concen: 40.59 ng

RT: 9.28 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF088540.D

Acq: 30 Jun 2016 20:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:154 Resp: 771839

Ion Ratio Lower Upper

154 100

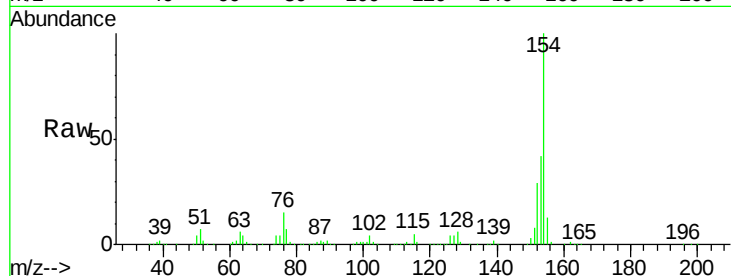
153 41.6 20.6 60.6

76 14.8 0.0 35.1

Manual Integrations

SOHIL

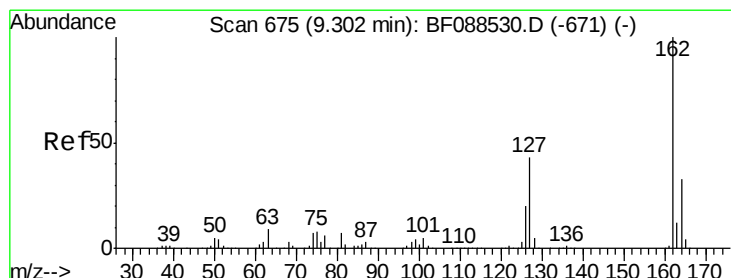
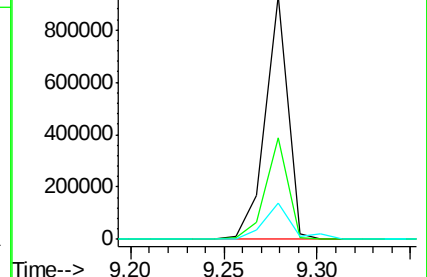
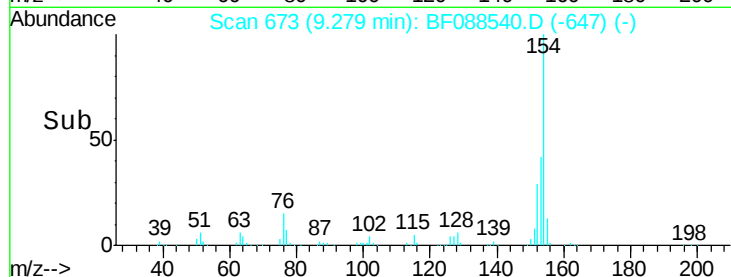
7/1/2016 8:05:15 AM



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: 41.26 ng

RT: 9.30 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF088540.D

Acq: 30 Jun 2016 20:29

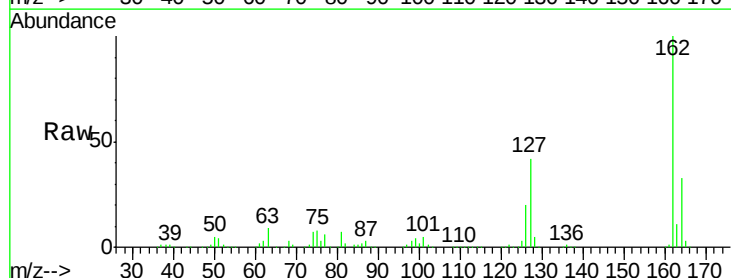
Tgt Ion:162 Resp: 615895

Ion Ratio Lower Upper

162 100

127 42.1 35.2 52.8

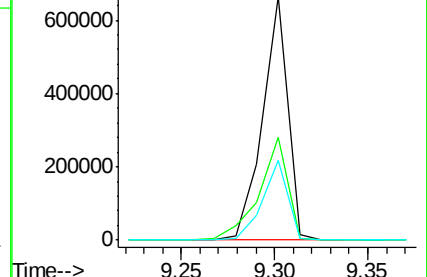
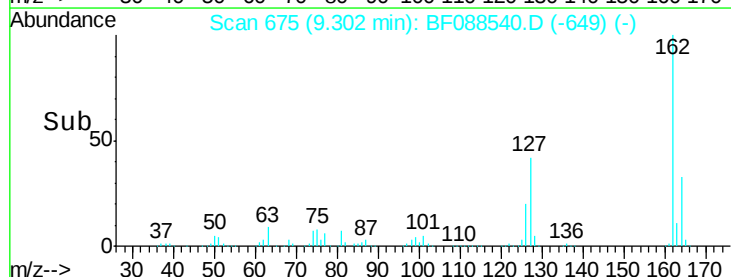
164 33.0 26.6 39.8



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





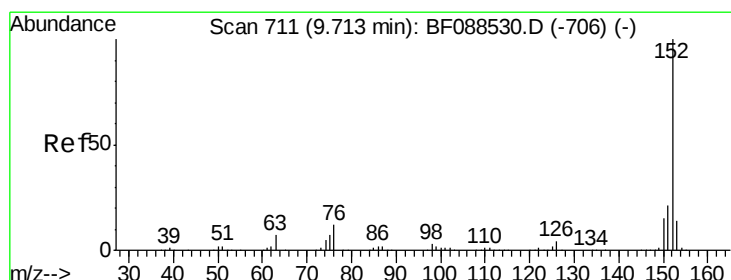
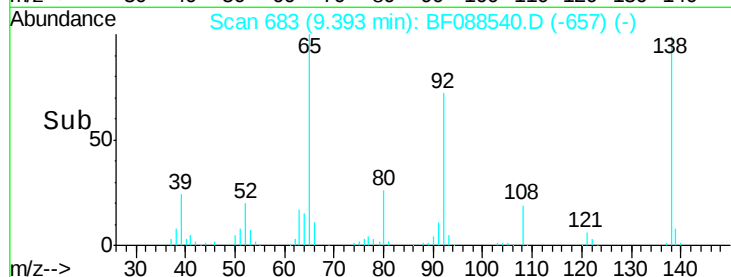
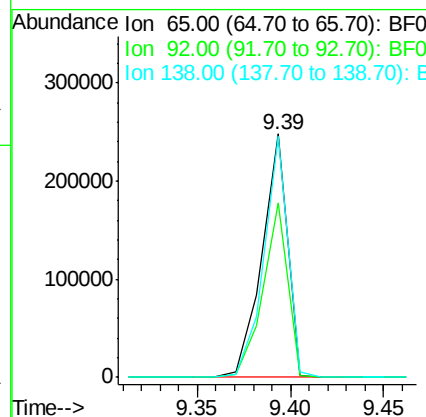
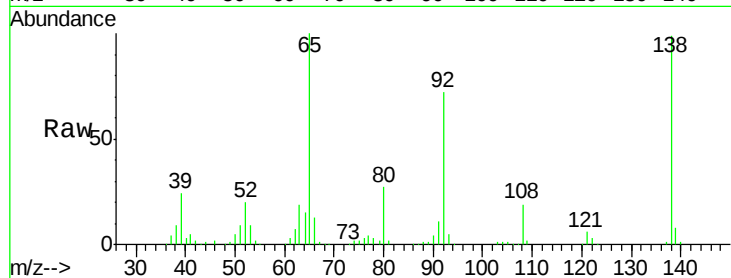
#47
2-Nitroaniline
Concen: 43.92 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF088540.D
Acq: 30 Jun 2016 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.5	54.6	82.0
138	99.0	77.0	115.4

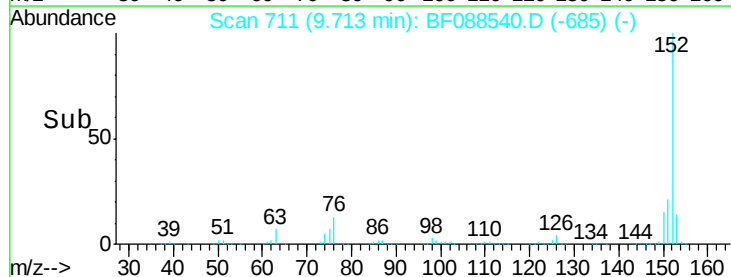
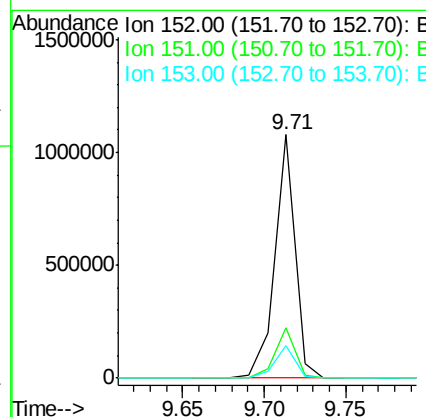
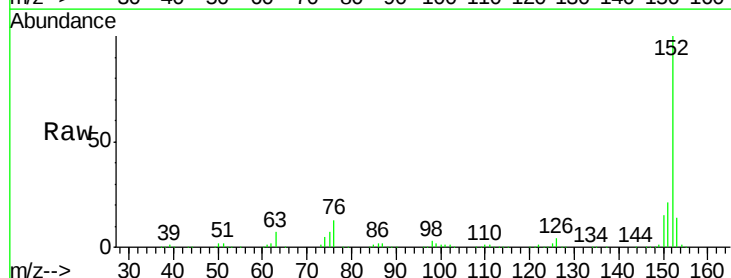
Manual Integrations

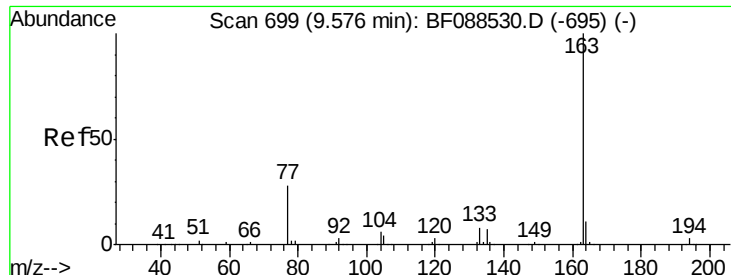
APPROVED
SOHIL
7/1/2016 8:05:15 AM



#48
Acenaphthylene
Concen: 39.19 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF088540.D
Acq: 30 Jun 2016 20:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4
153	13.5	11.0	16.6





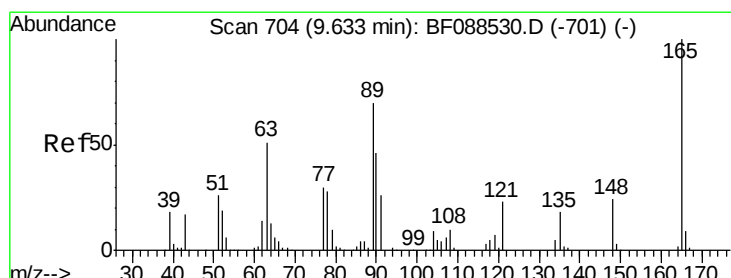
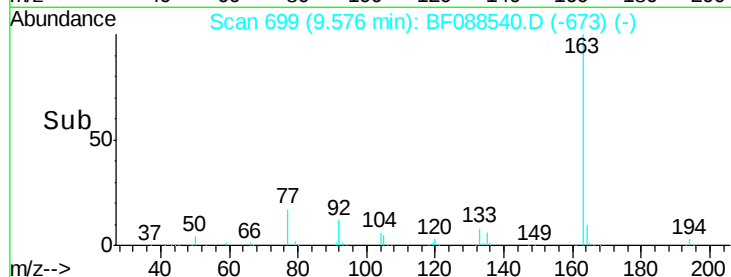
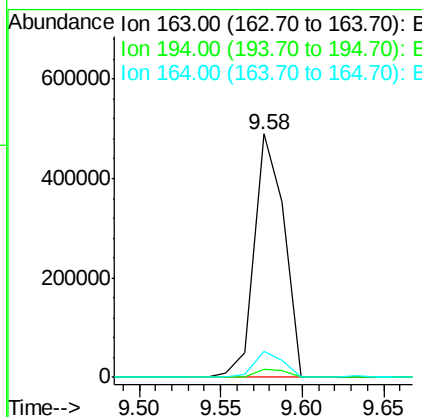
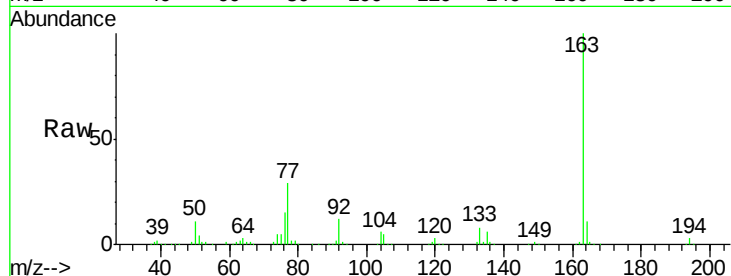
#49
Dimethylphthalate
Concen: 37.86 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF088540.D
Acq: 30 Jun 2016 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.8	4.2
164	10.6	8.3	12.5

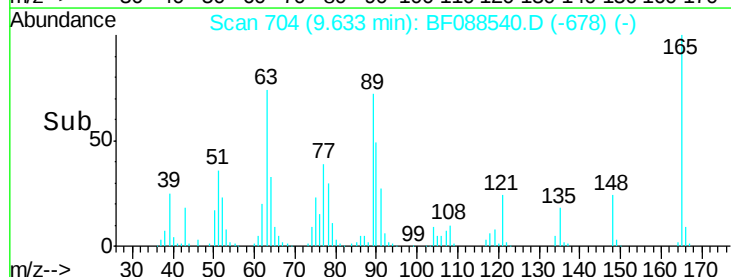
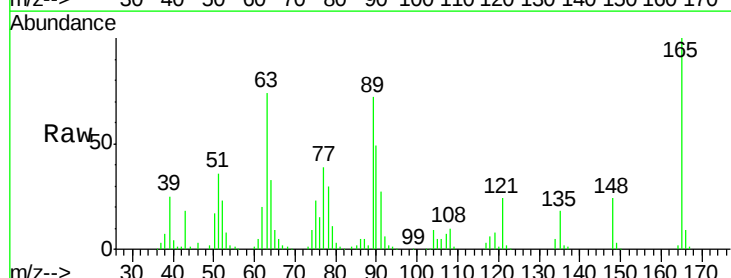
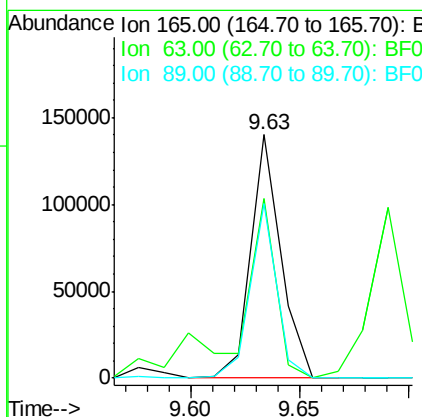
Manual Integrations

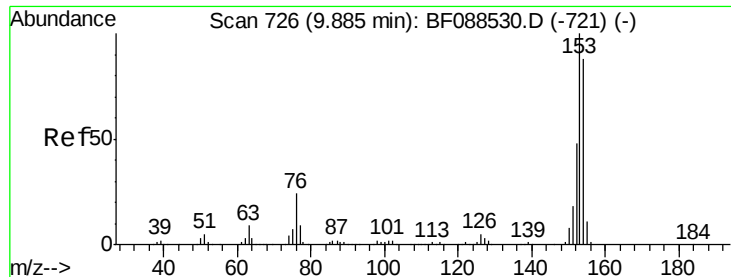
APPROVED
SOHIL
7/1/2016 8:05:15 AM



#50
2,6-Dinitrotoluene
Concen: 36.94 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF088540.D
Acq: 30 Jun 2016 20:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	73.7	28.1	42.1#
89	71.6	32.2	48.2#





#51

Acenaphthene

Concen: 37.68 ng

RT: 9.88 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF088540.D

Acq: 30 Jun 2016 20:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:154 Resp: 548584

Ion Ratio Lower Upper

154 100

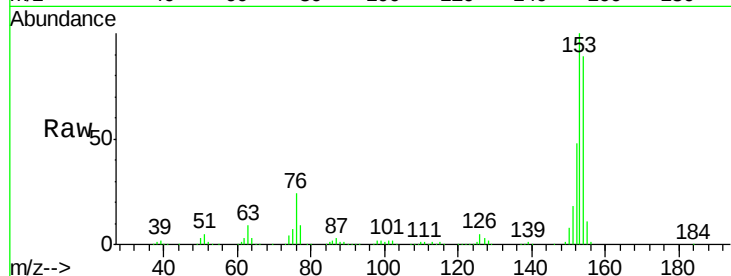
153 113.0 89.5 134.3

152 54.1 42.7 64.1

Manual Integrations

SOHIL

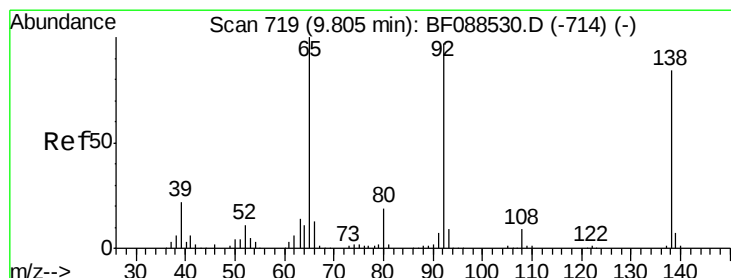
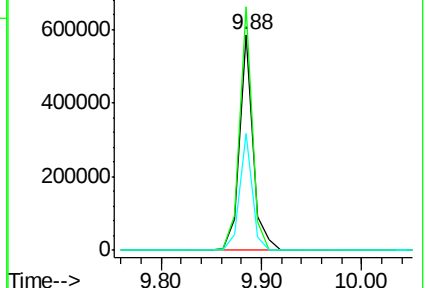
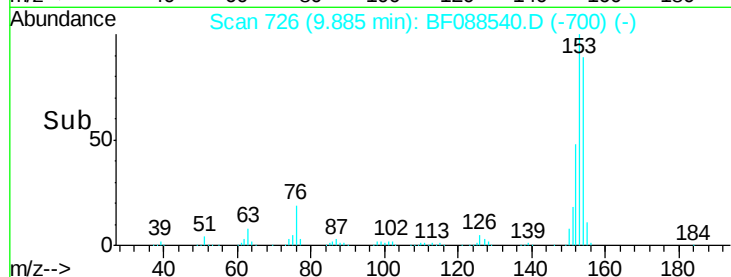
7/1/2016 8:05:15 AM



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: 44.28 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF088540.D

Acq: 30 Jun 2016 20:29

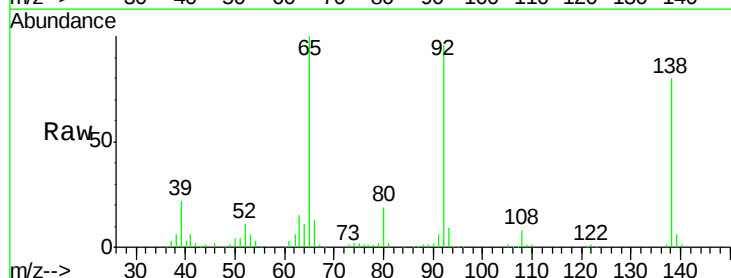
Tgt Ion:138 Resp: 204101

Ion Ratio Lower Upper

138 100

108 10.5 8.5 12.7

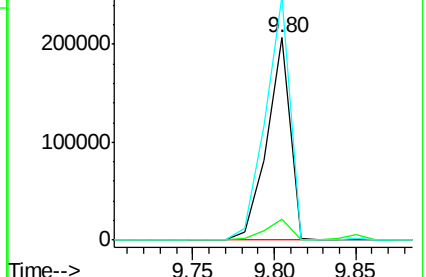
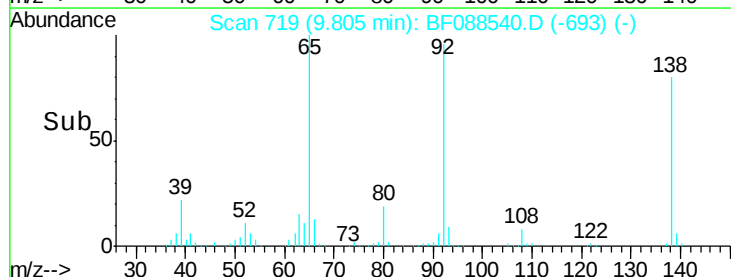
92 120.3 95.7 143.5

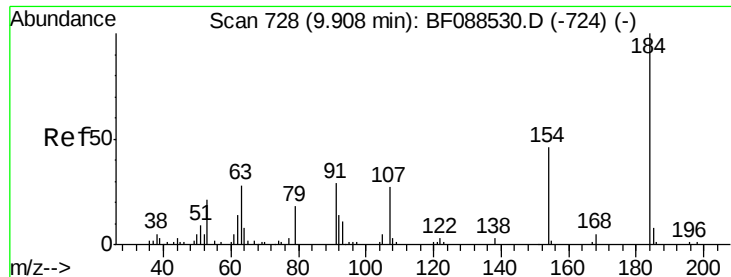


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





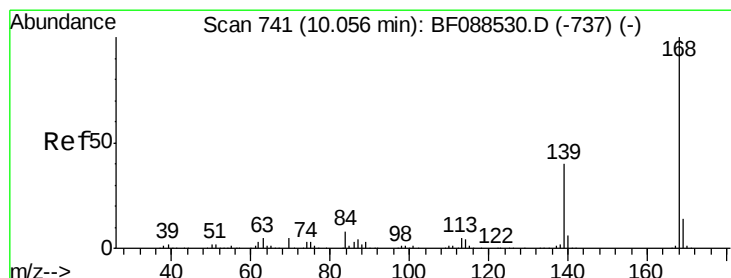
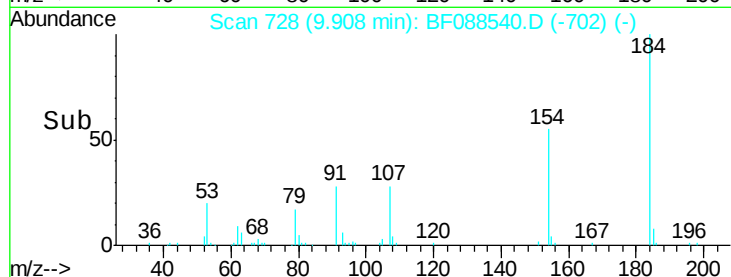
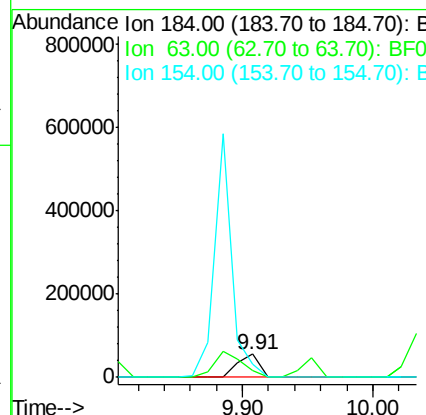
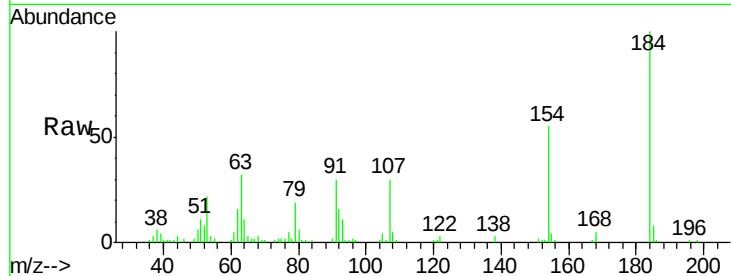
#53
 2,4-Dinitrophenol
 Concen: 40.40 ng
 RT: 9.91 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: BF088540.D
 Acq: 30 Jun 2016 20:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
184	100		
63	32.5	57.6	86.4#
154	55.4	53.5	80.3

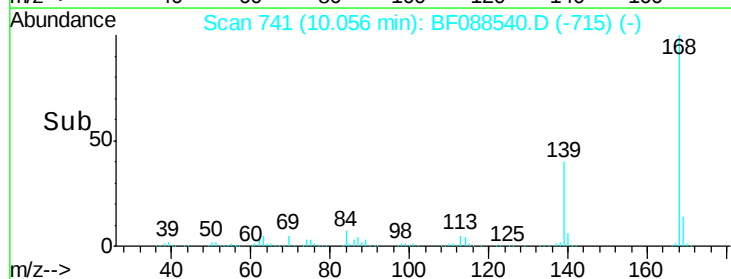
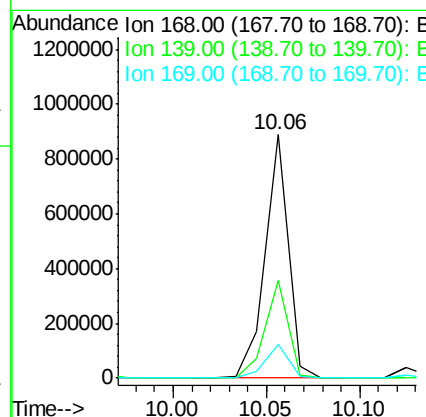
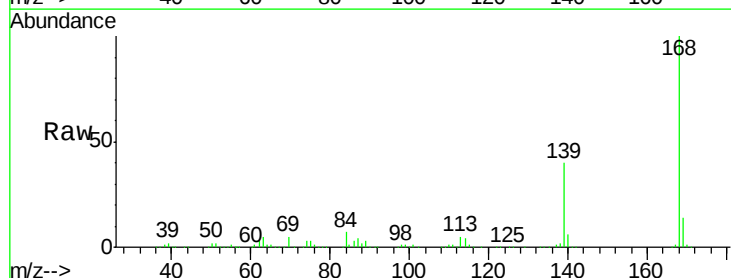
Manual Integrations

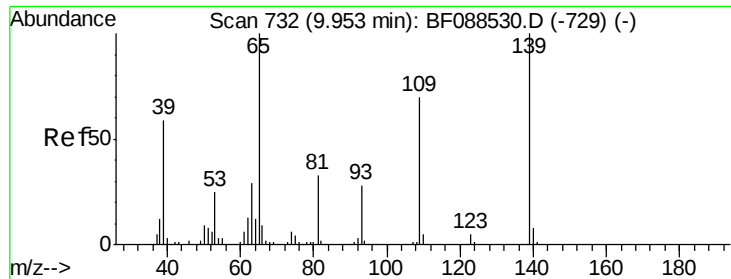
SOHIL
 7/1/2016 8:05:15 AM



#54
 Dibenzofuran
 Concen: 39.90 ng
 RT: 10.06 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF088540.D
 Acq: 30 Jun 2016 20:29

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.9	26.4	39.6#
169	13.6	10.4	15.6





#55

4-Nitrophenol

Concen: 42.03 ng

RT: 9.95 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF088540.D

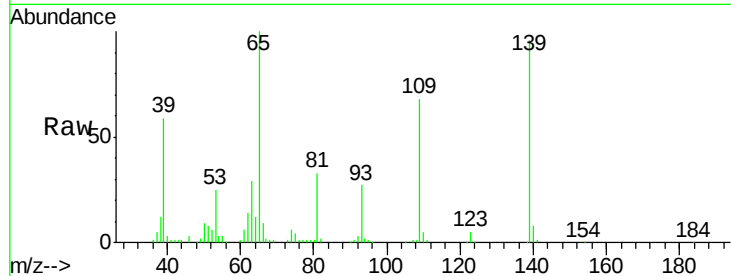
Acq: 30 Jun 2016 20:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:139 Resp: 147202

Ion Ratio Lower Upper

139 100

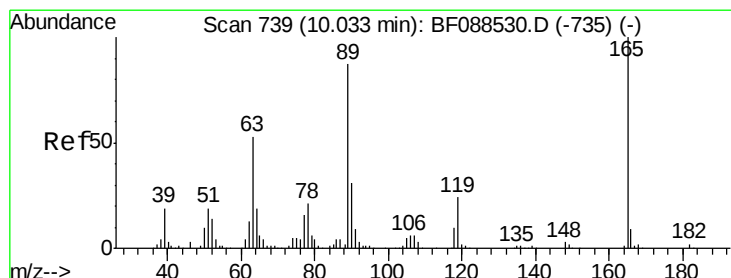
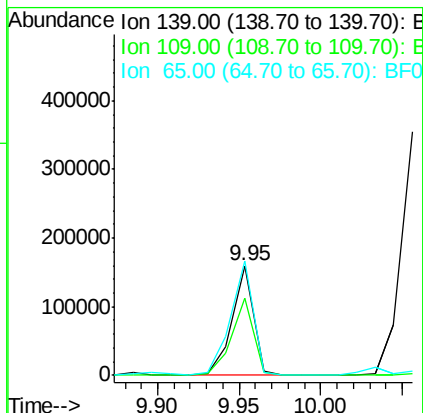
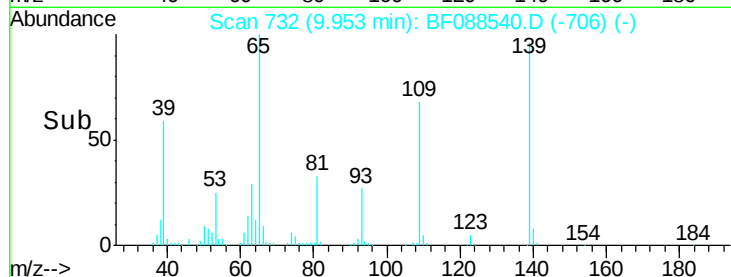
109 70.8 48.9 88.9

65 104.5 84.9 124.9

Manual Integrations

SOHIL

7/1/2016 8:05:15 AM



#56

2,4-Dinitrotoluene

Concen: 38.14 ng

RT: 10.03 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF088540.D

Acq: 30 Jun 2016 20:29

Tgt Ion:165 Resp: 180815

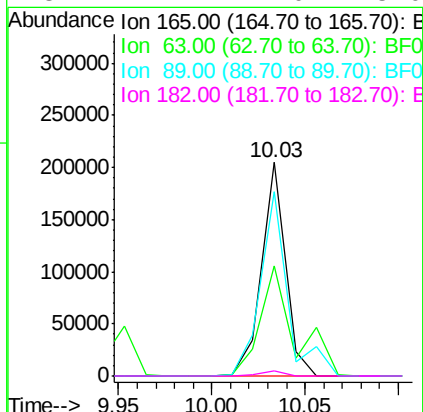
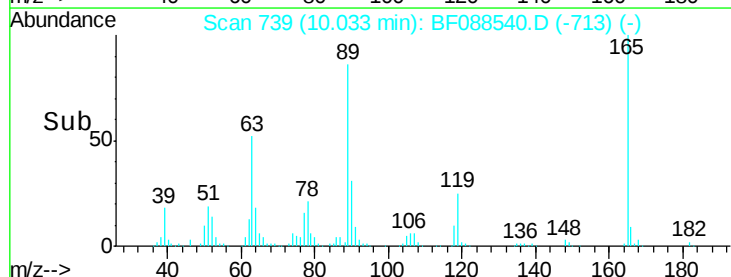
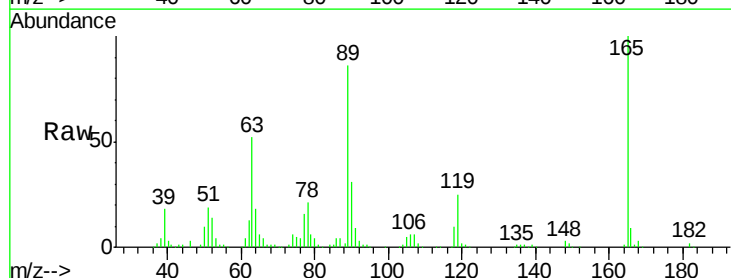
Ion Ratio Lower Upper

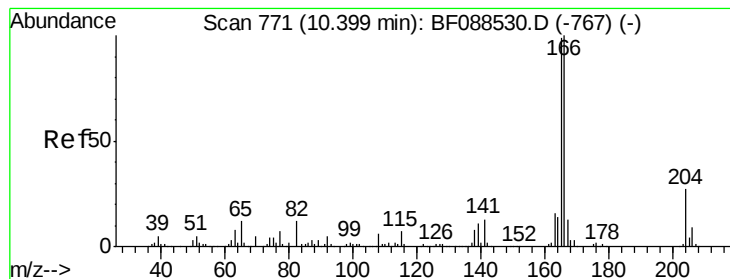
165 100

63 51.8 22.0 33.0#

89 86.3 41.1 61.7#

182 2.4 2.0 3.0





#57

Fluorene

Concen: 41.29 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF088540.D

Acq: 30 Jun 2016 20:29

Instrument :

BNA_F

ClientSampleId :

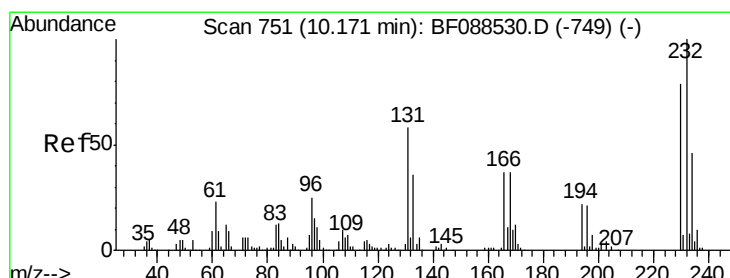
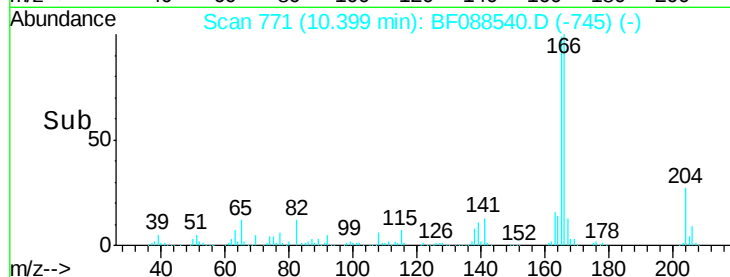
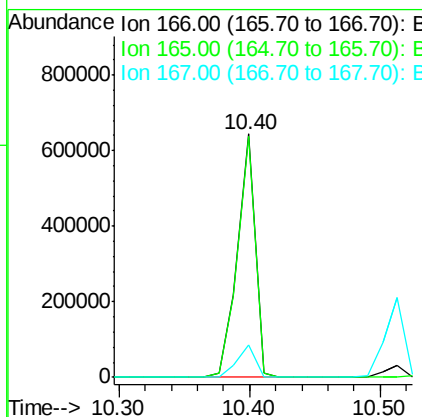
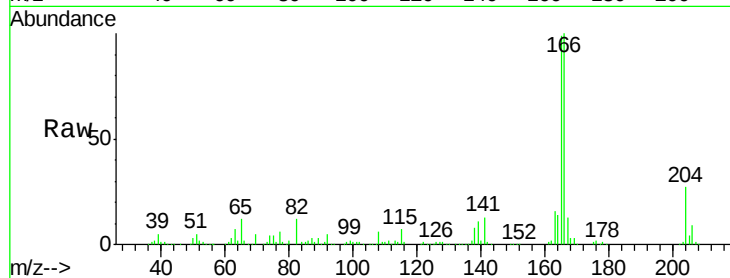
SSTDCCC040

Tgt Ion:	166	Resp:	606359
Ion Ratio	Lower	Upper	
166	100		
165	99.2	77.8	116.8
167	13.3	11.2	16.8

Manual Integrations

SOHIL

7/1/2016 8:05:15 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.93 ng

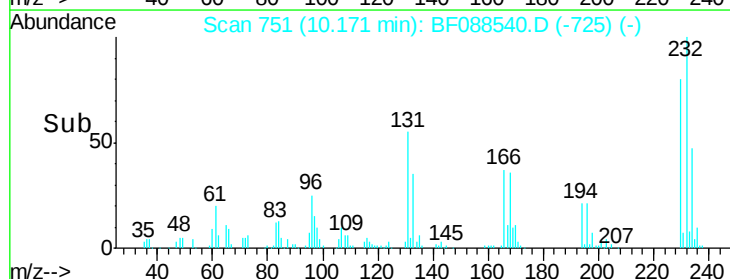
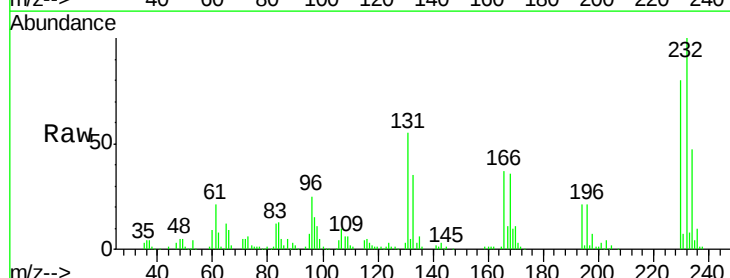
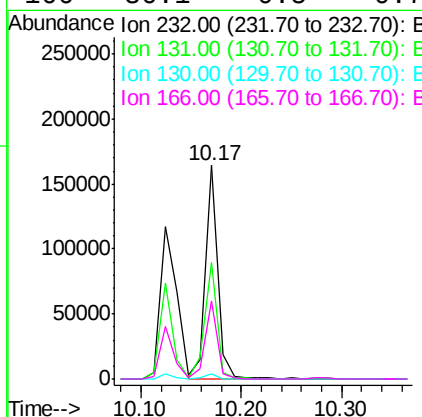
RT: 10.17 min Scan# 751

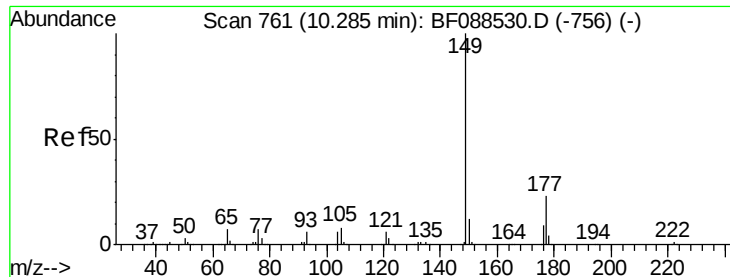
Delta R.T. -0.00 min

Lab File: BF088540.D

Acq: 30 Jun 2016 20:29

Tgt Ion:	232	Resp:	140546
Ion Ratio	Lower	Upper	
232	100		
131	55.3	0.9	1.3#
130	2.6	1.5	2.3#
166	36.1	0.5	0.7#





#59

Diethylphthalate

Concen: 39.98 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF088540.D

Acq: 30 Jun 2016 20:29

Instrument :

BNA_F

ClientSampleId :

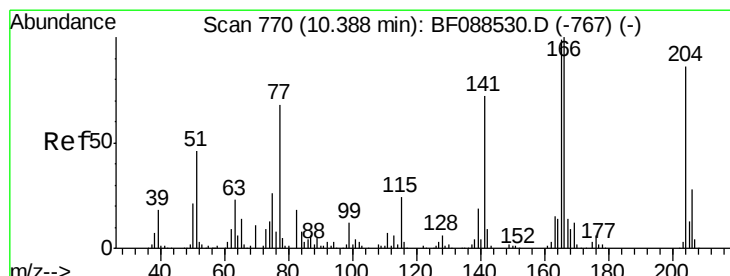
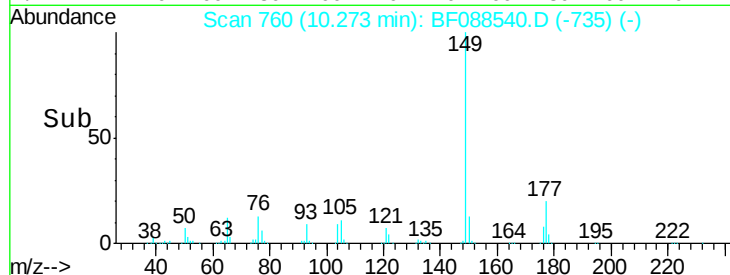
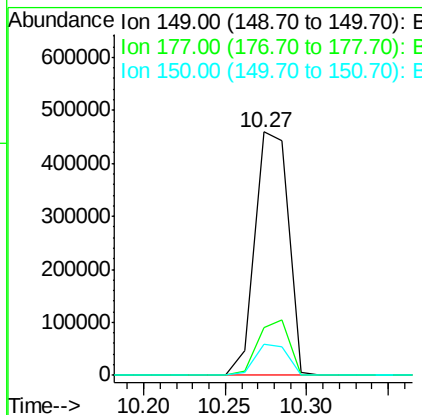
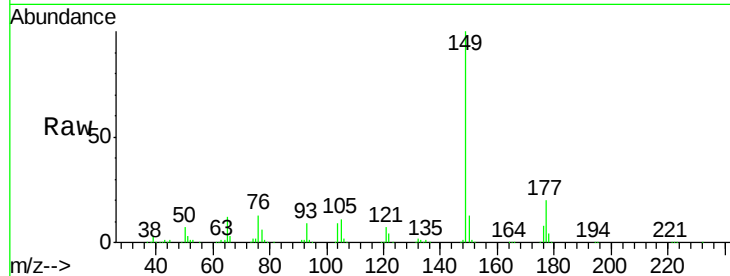
SSTDCCC040

Manual Integrations

SOHIL

7/1/2016 8:05:15 AM

Tgt Ion:	149	Resp:	656418
Ion Ratio	Lower	Upper	
149	100		
177	19.6	16.9	25.3
150	12.9	10.1	15.1



#60

4-Chlorophenyl-phenylether

Concen: 36.70 ng

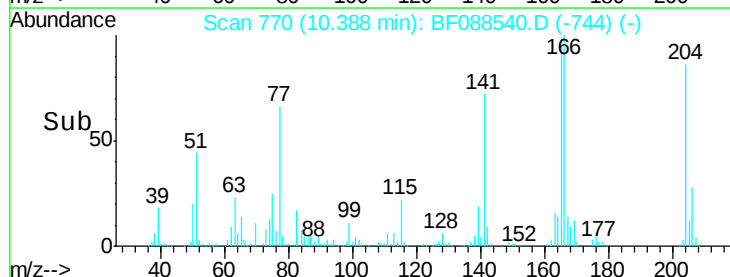
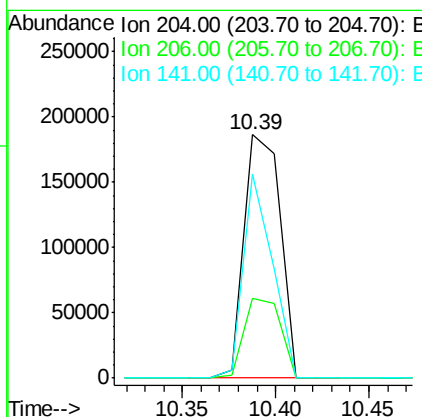
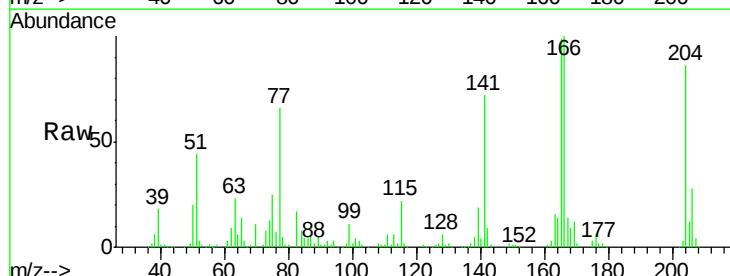
RT: 10.39 min Scan# 770

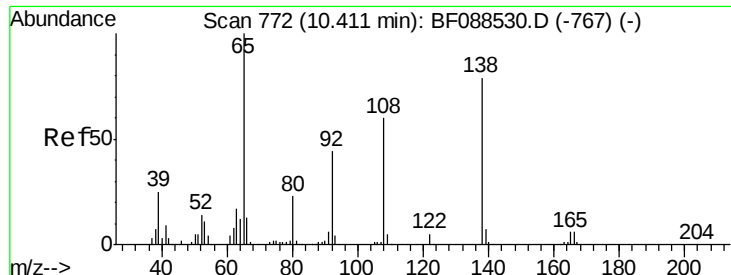
Delta R.T. -0.00 min

Lab File: BF088540.D

Acq: 30 Jun 2016 20:29

Tgt Ion:	204	Resp:	250421
Ion Ratio	Lower	Upper	
204	100		
206	32.6	26.3	39.5
141	84.0	55.0	82.6#





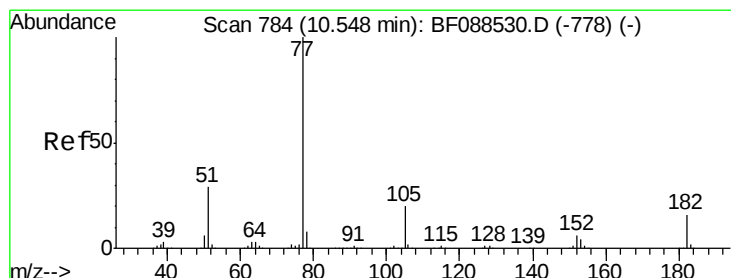
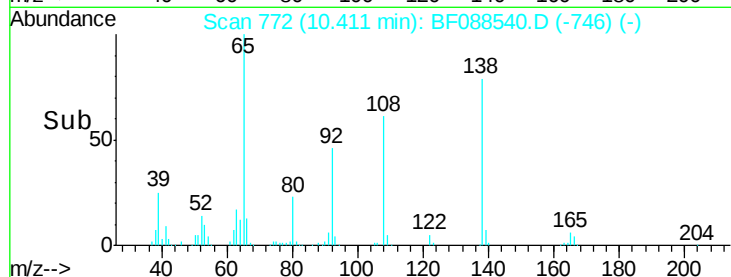
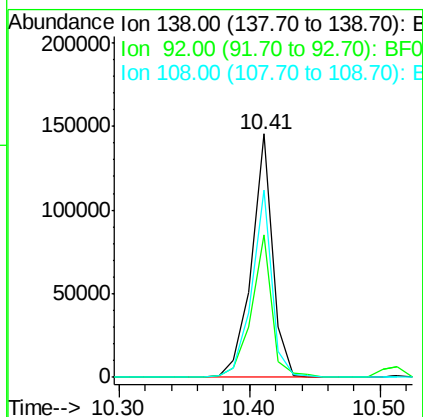
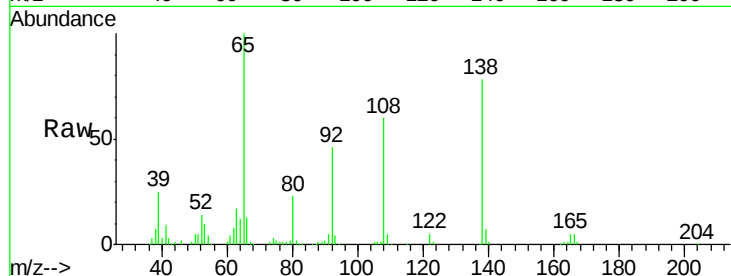
#61
4-Nitroaniline
Concen: 36.96 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF088540.D
Acq: 30 Jun 2016 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.3	27.3	67.3
108	76.9	46.7	86.7

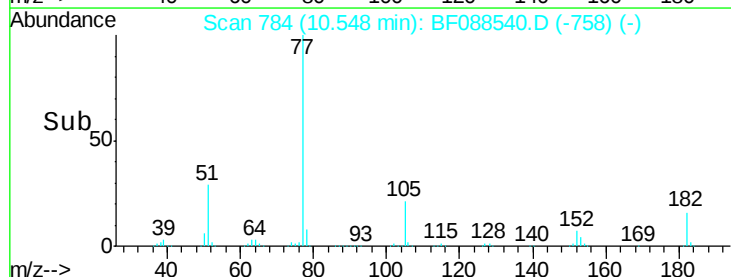
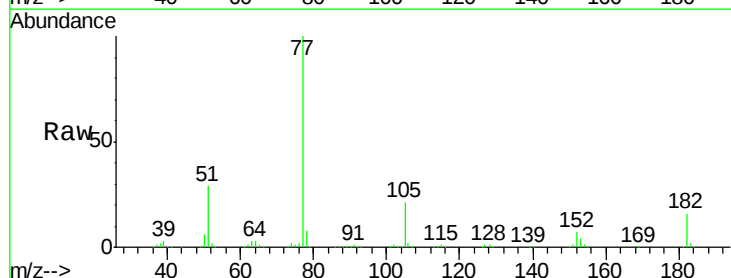
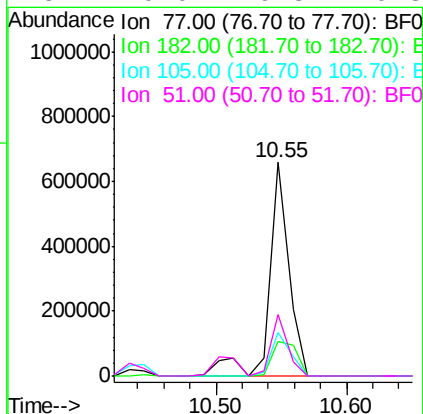
Manual Integrations

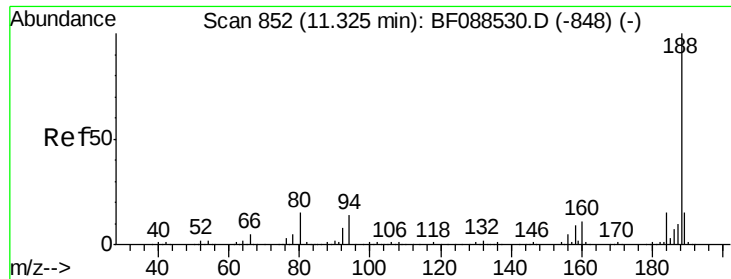
APPROVED
SOHIL
7/1/2016 8:05:15 AM



#62
Azobenzene
Concen: 37.67 ng
RT: 10.55 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF088540.D
Acq: 30 Jun 2016 20:29

Tgt Ion	Ratio	Lower	Upper
77	100		
182	16.0	4.4	44.4
105	20.6	3.8	43.8
51	29.0	9.3	49.3





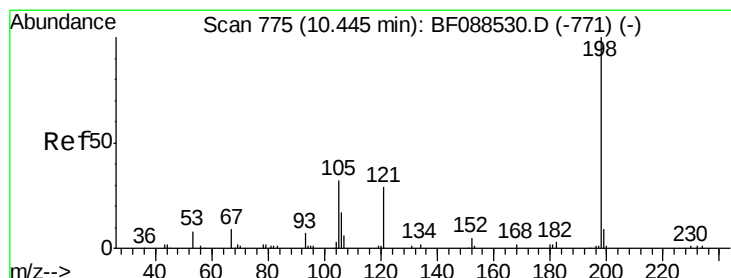
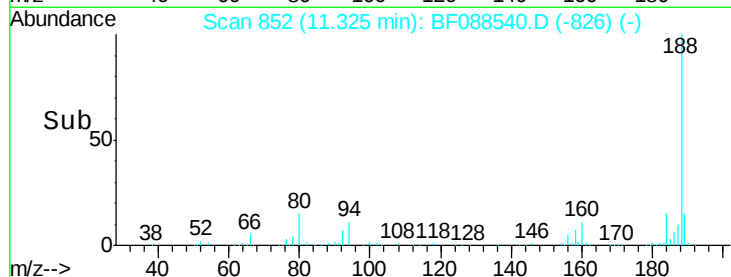
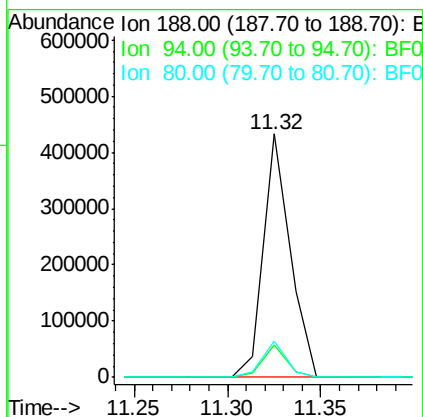
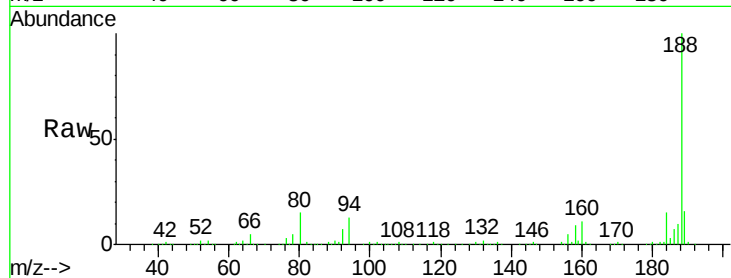
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF088540.D
Acq: 30 Jun 2016 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	429151		
94	13.1	9.0	13.6	
80	15.0	10.0	15.0	

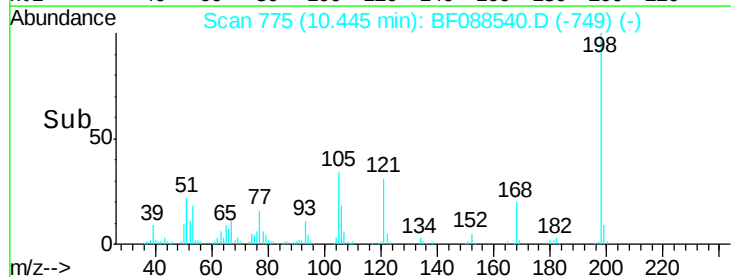
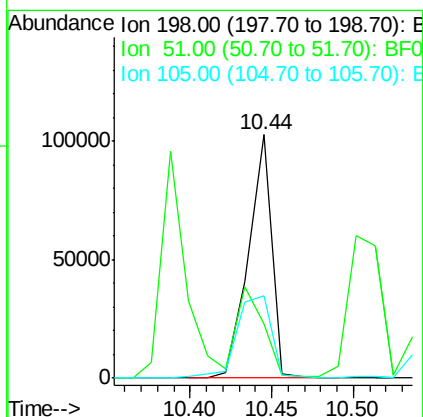
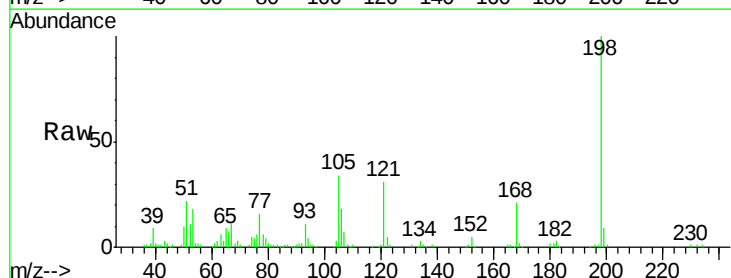
Manual Integrations

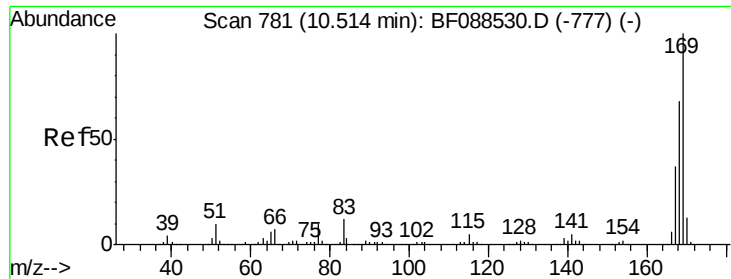
APPROVED
SOHIL
7/1/2016 8:05:15 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 44.27 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF088540.D
Acq: 30 Jun 2016 20:29

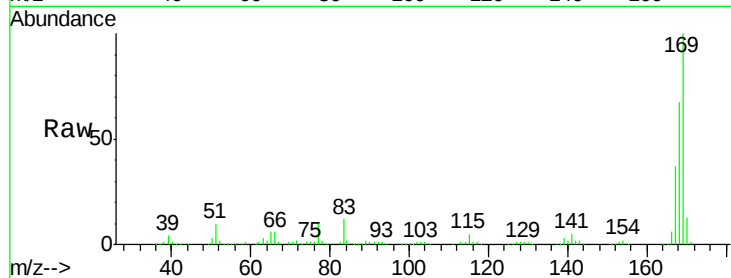
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	101625		
51	22.3	39.6	79.6#	
105	33.8	36.6	76.6#	





#65
n-Nitrosodiphenylamine
Concen: 39.95 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF088540.D
Acq: 30 Jun 2016 20:29

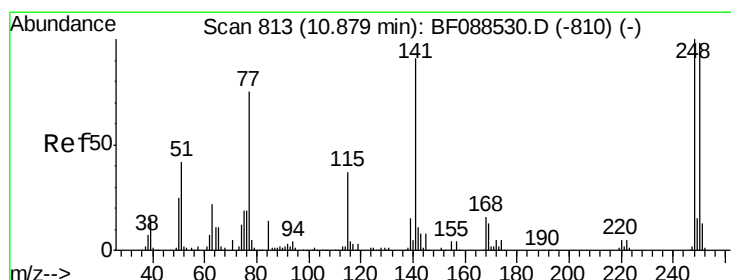
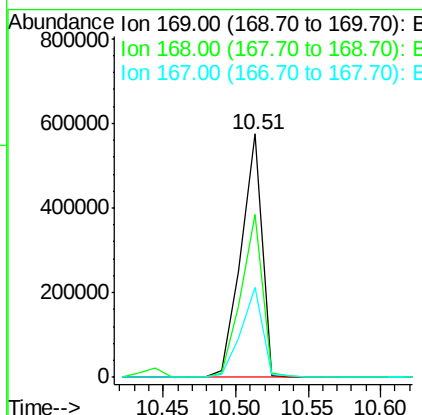
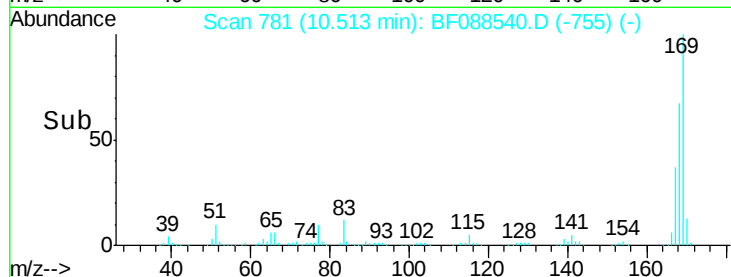
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



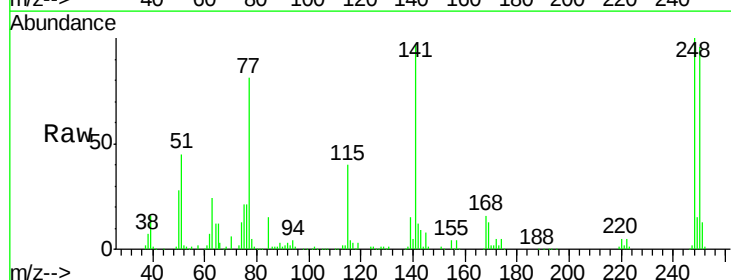
Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.4	80.0
167	36.9	29.4	44.0

Manual Integrations

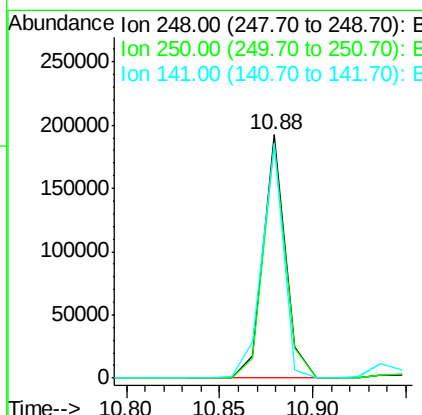
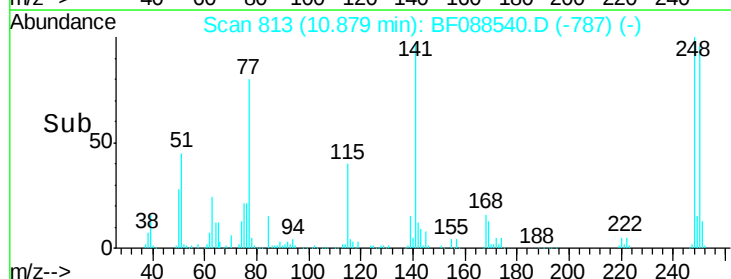
APPROVED
SOHIL
7/1/2016 8:05:15 AM

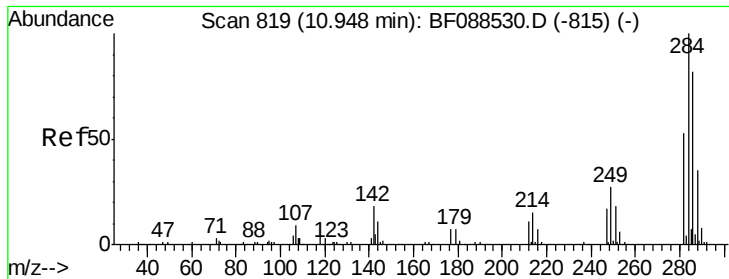


#66
4-Bromophenyl-phenylether
Concen: 37.12 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF088540.D
Acq: 30 Jun 2016 20:29



Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.3	77.1	115.7
141	96.6	50.6	76.0





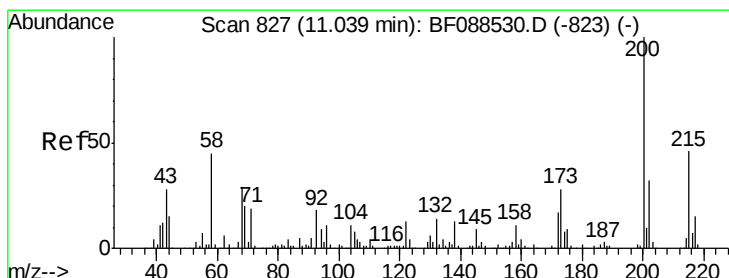
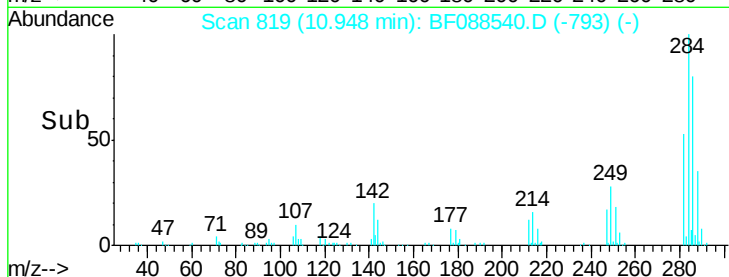
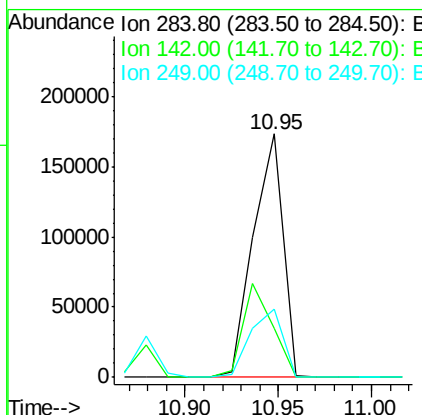
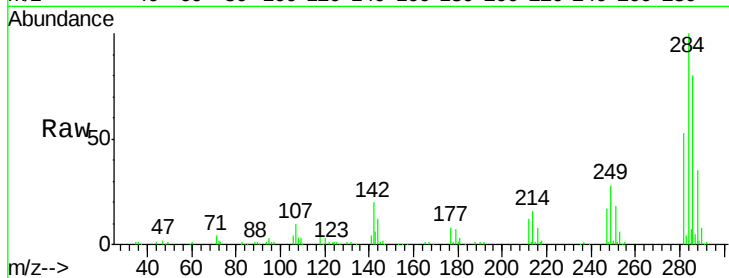
#67
Hexachlorobenzene
Concen: 39.82 ng
RT: 10.95 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF088540.D
Acq: 30 Jun 2016 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	190609		
142	20.0	35.8	53.8#	
249	28.2	25.8	38.6	

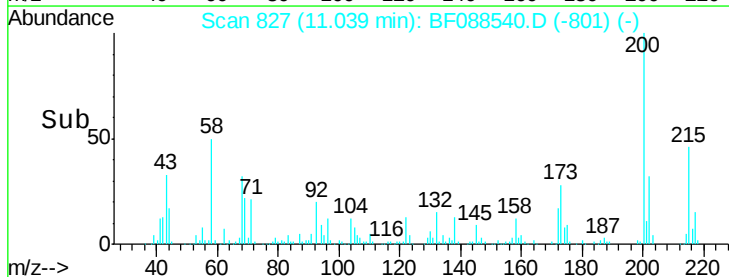
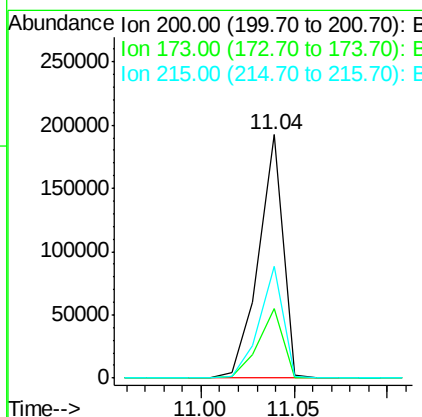
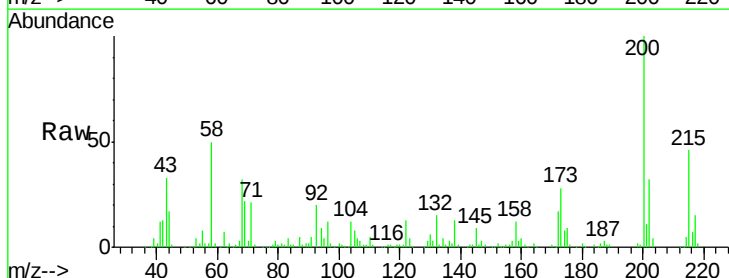
Manual Integrations

SOHIL
7/1/2016 8:05:15 AM



#68
Atrazine
Concen: 39.30 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF088540.D
Acq: 30 Jun 2016 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	177888		
173	28.5	4.0	44.0	
215	45.9	29.3	69.3	





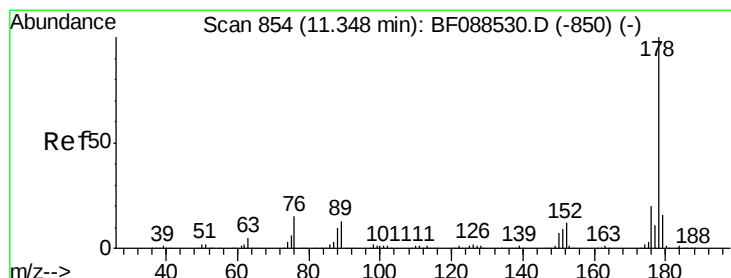
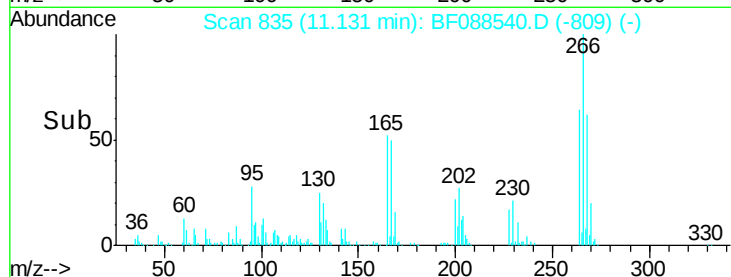
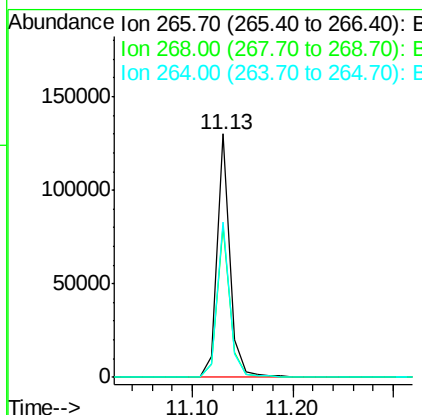
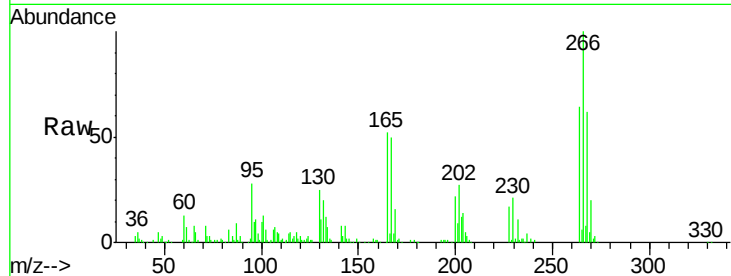
#69
 Pentachlorophenol
 Concen: 40.71 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BF088540.D
 Acq: 30 Jun 2016 20:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.4	52.8	79.2
264	63.5	49.6	74.4

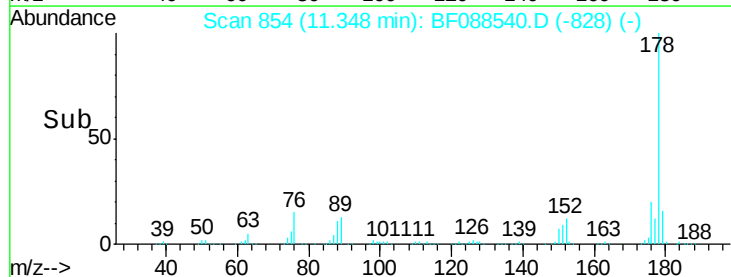
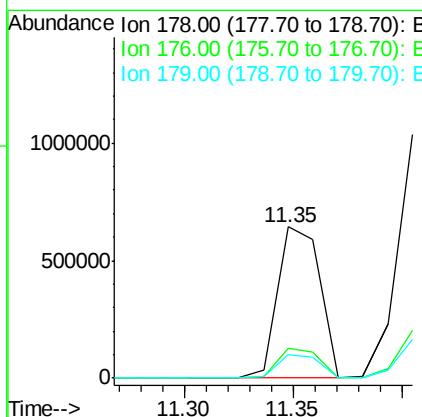
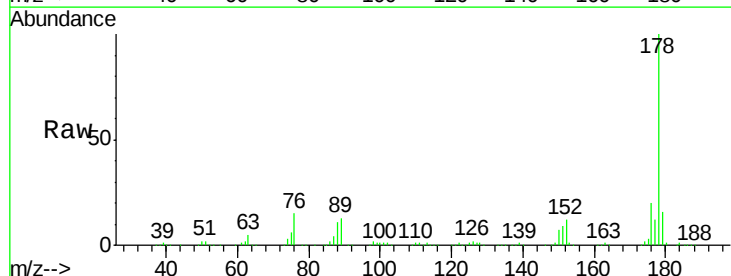
Manual Integrations

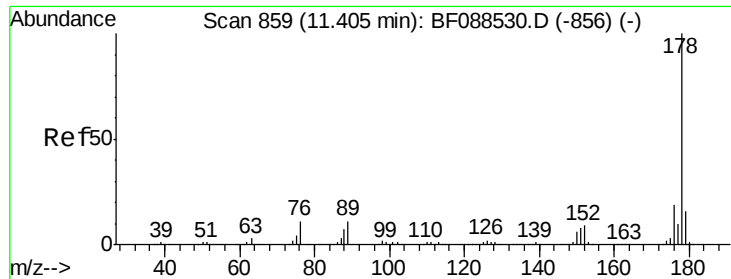
APPROVED
 SOHIL
 7/1/2016 8:05:15 AM



#70
 Phenanthrene
 Concen: 37.13 ng
 RT: 11.35 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: BF088540.D
 Acq: 30 Jun 2016 20:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.6
179	15.9	13.0	19.4





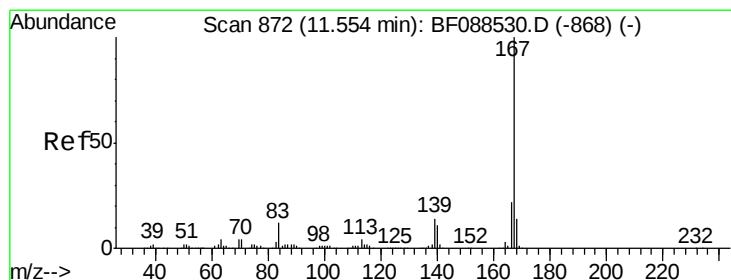
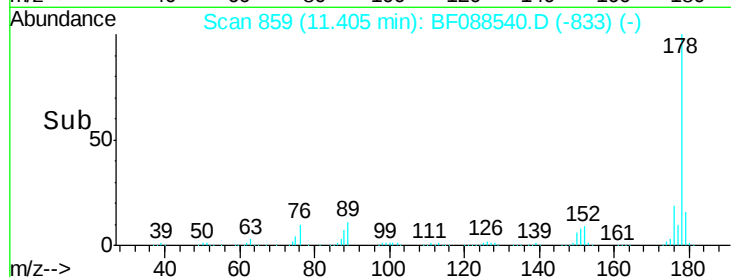
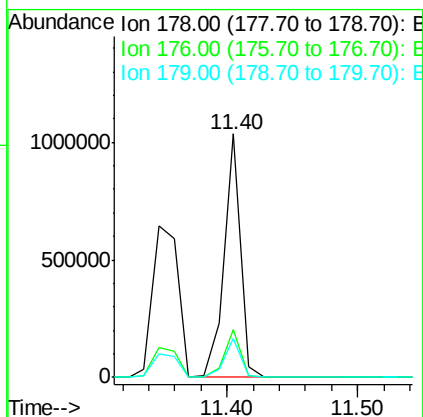
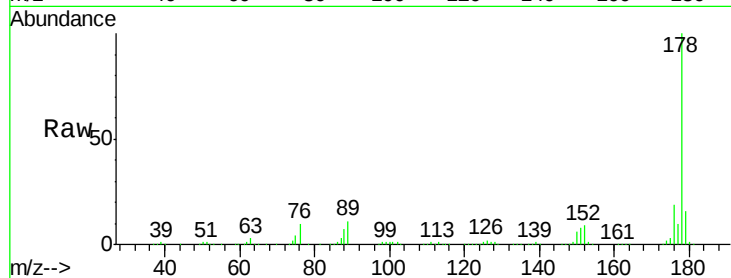
#71
 Anthracene
 Concen: 38.77 ng
 RT: 11.40 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF088540.D
 Acq: 30 Jun 2016 20:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.9	12.8	19.2

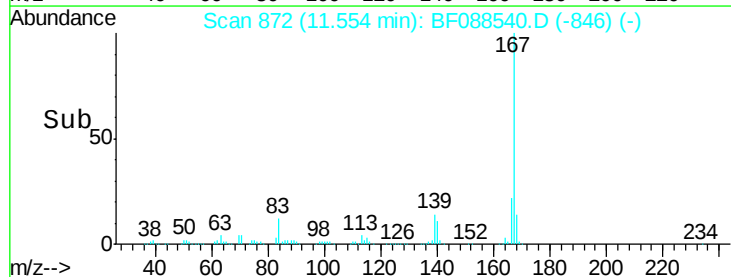
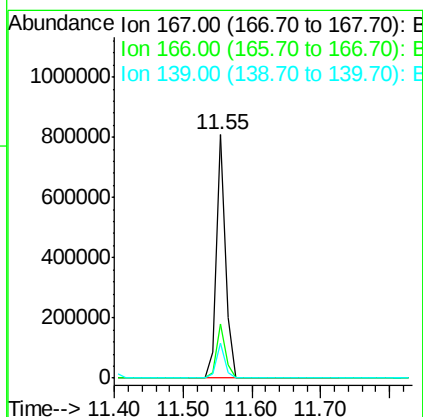
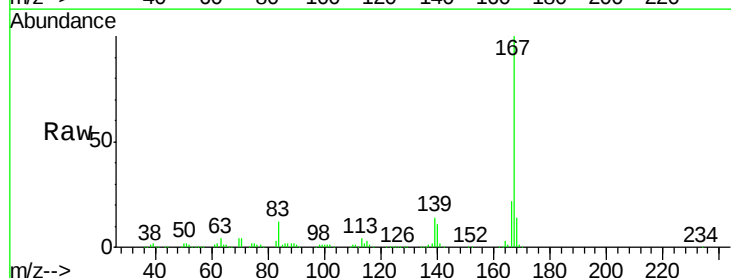
Manual Integrations

APPROVED
 SOHIL
 7/1/2016 8:05:15 AM



#72
 Carbazole
 Concen: 34.66 ng
 RT: 11.55 min Scan# 872
 Delta R.T. -0.00 min
 Lab File: BF088540.D
 Acq: 30 Jun 2016 20:29

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.6
139	14.3	11.2	16.8





#73

Di-n-butylphthalate

Concen: 35.60 ng

RT: 11.90 min Scan# 902

Delta R.T. -0.00 min

Lab File: BF088540.D

Acq: 30 Jun 2016 20:29

Instrument :

BNA_F

ClientSampleId :

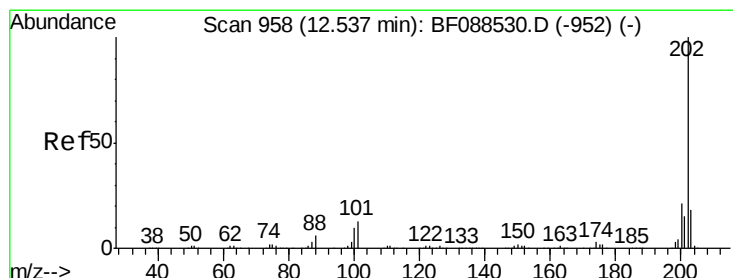
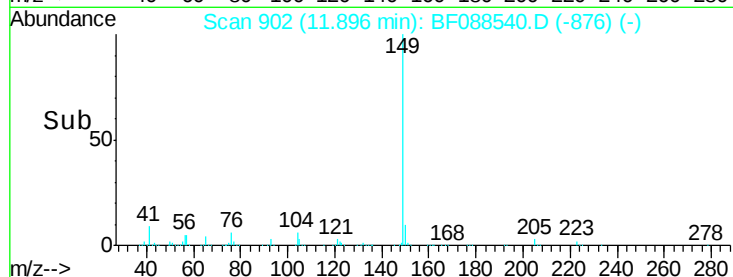
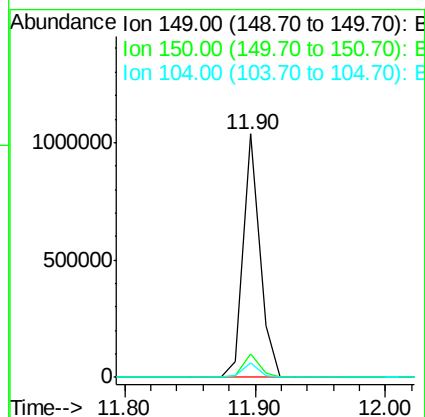
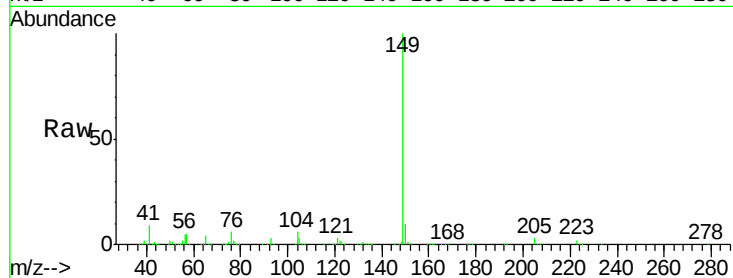
SSTDCCC040

Tgt Ion:	149	Resp:	909183
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.6
104	5.9	4.0	6.0

Manual Integrations

SOHIL

7/1/2016 8:05:15 AM



#74

Fluoranthene

Concen: 41.63 ng

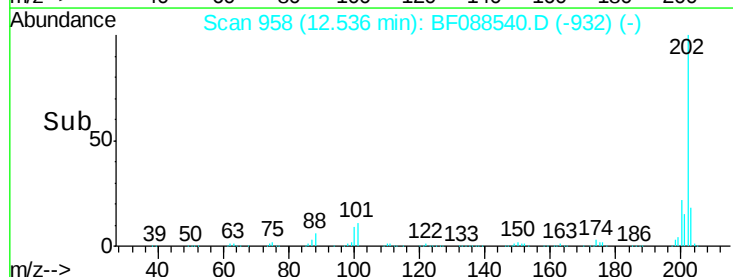
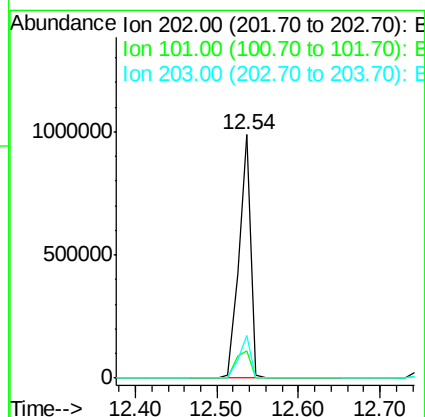
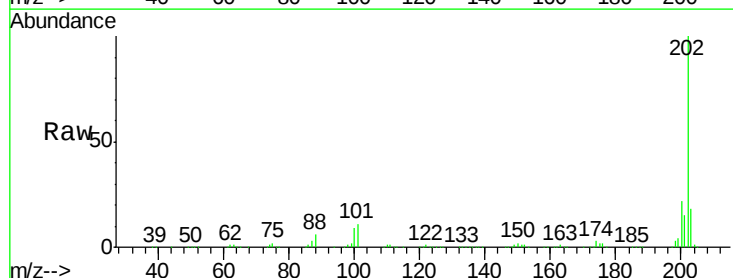
RT: 12.54 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF088540.D

Acq: 30 Jun 2016 20:29

Tgt Ion:	202	Resp:	990170
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	33.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.00 min

Lab File: BF088540.D

Acq: 30 Jun 2016 20:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:240 Resp: 301978

Ion Ratio Lower Upper

240 100

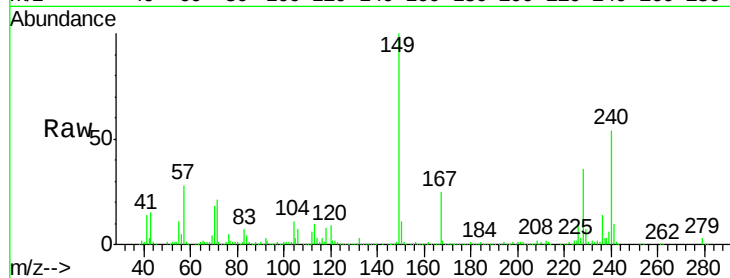
120 16.2 6.8 10.2#

236 25.5 20.2 30.2

Manual Integrations

SOHIL

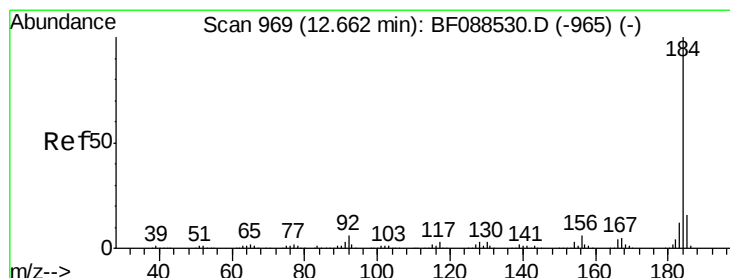
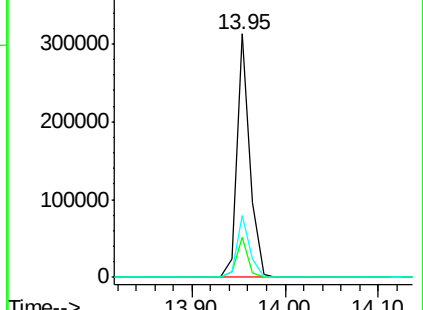
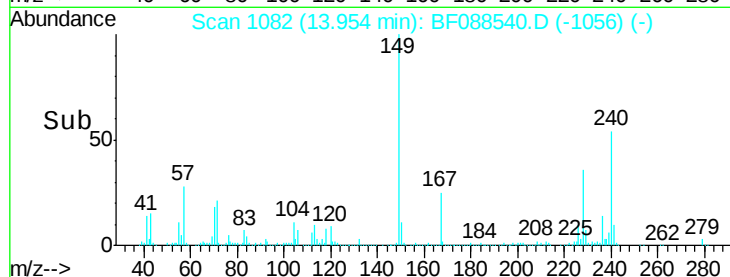
7/1/2016 8:05:15 AM



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: 40.41 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF088540.D

Acq: 30 Jun 2016 20:29

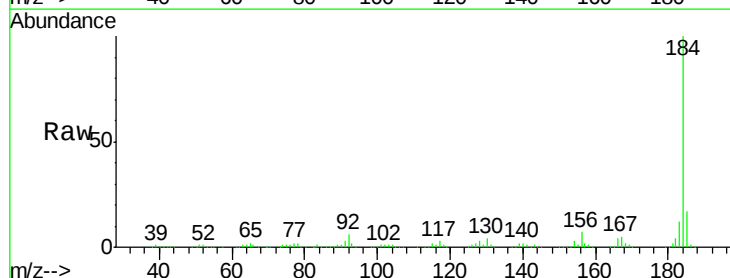
Tgt Ion:184 Resp: 616800

Ion Ratio Lower Upper

184 100

185 16.7 12.5 18.7

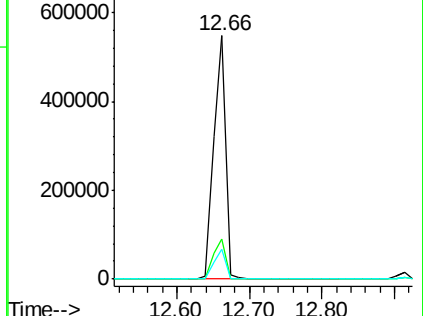
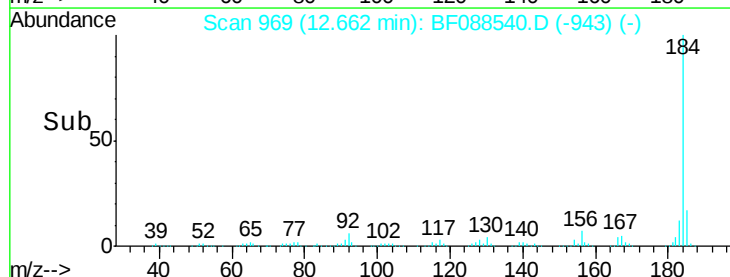
183 12.0 9.3 13.9

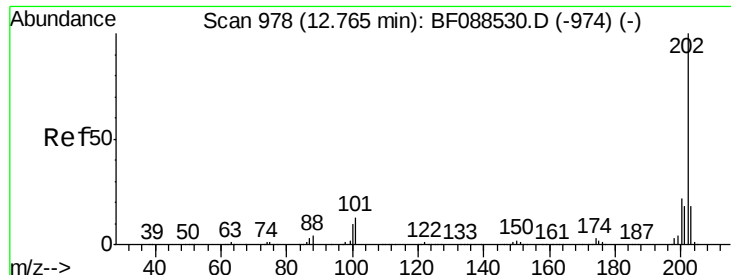


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





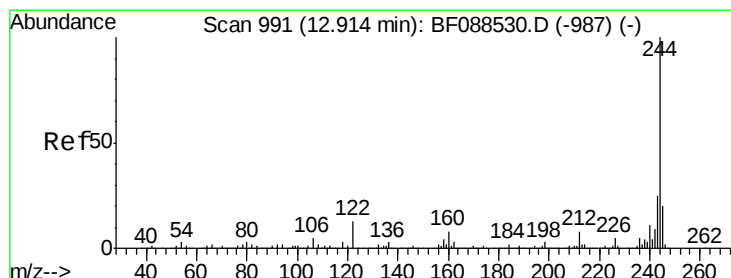
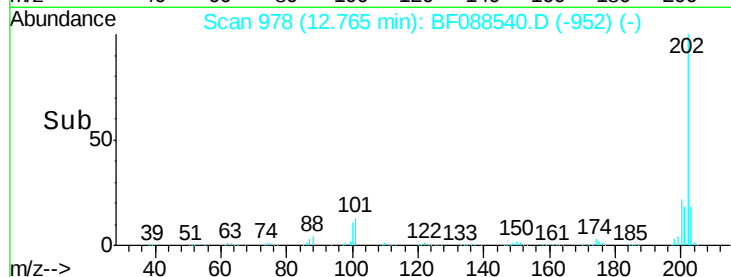
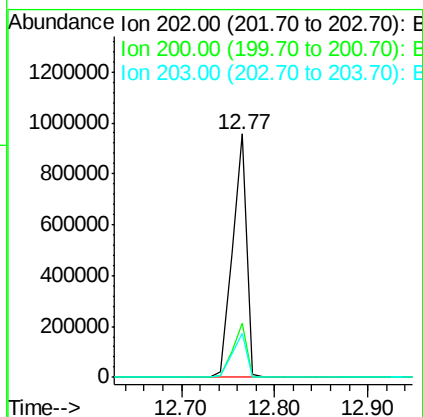
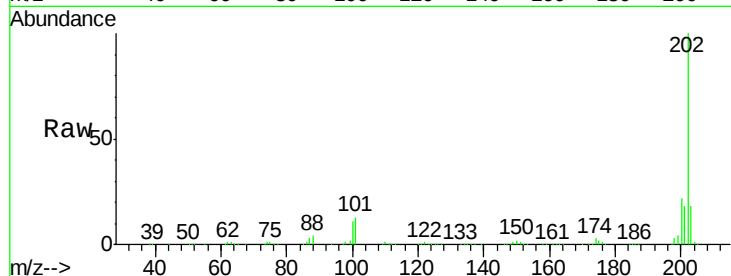
#77
 Pyrene
 Concen: 39.68 ng
 RT: 12.77 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF088540.D
 Acq: 30 Jun 2016 20:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.4	26.2
203	17.9	14.5	21.7

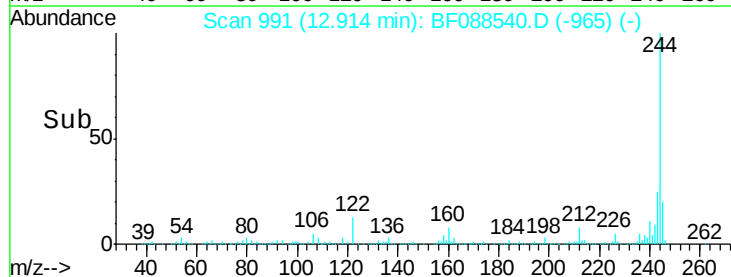
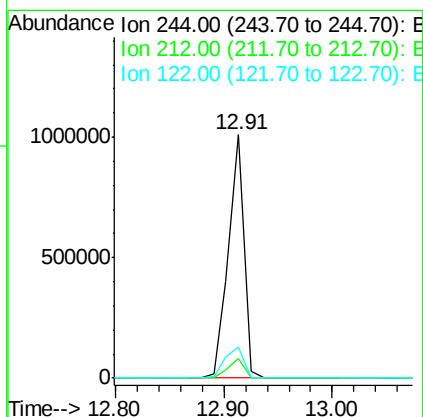
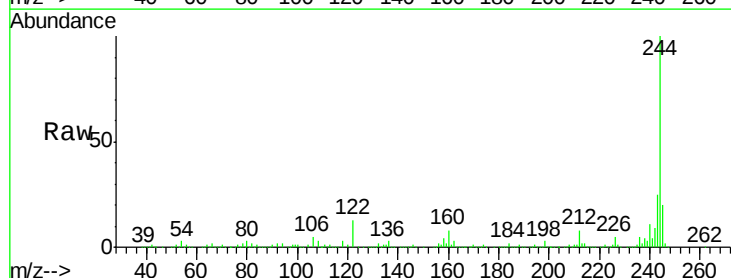
Manual Integrations

APPROVED
 SOHIL
 7/1/2016 8:05:15 AM



#78
 Terphenyl-d14
 Concen: 73.89 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF088540.D
 Acq: 30 Jun 2016 20:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.0	9.0
122	12.9	11.2	16.8





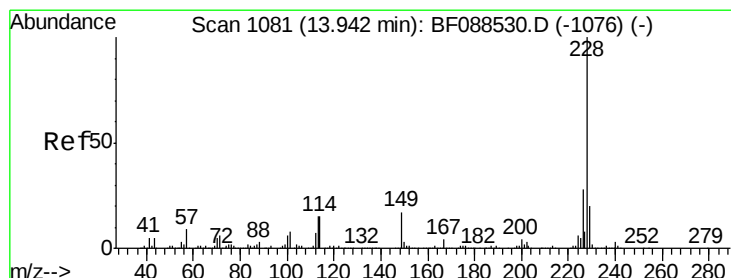
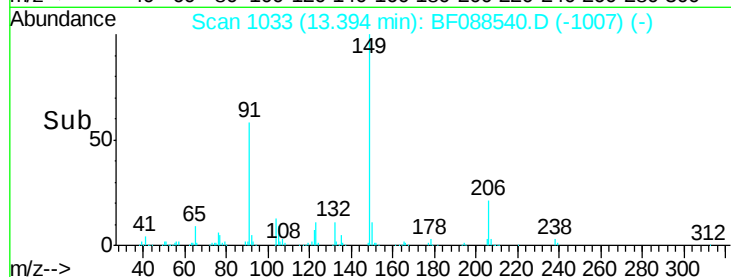
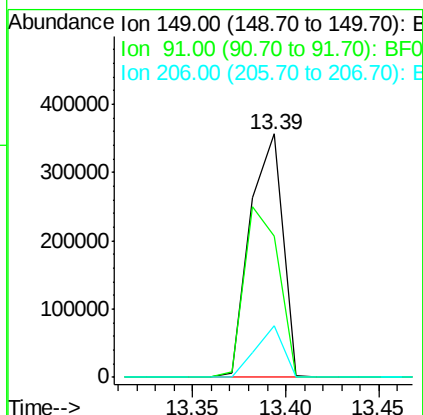
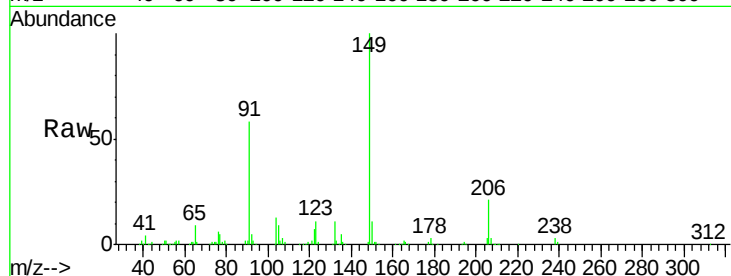
#79
Butylbenzylphthalate
Concen: 37.65 ng
RT: 13.39 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF088540.D
Acq: 30 Jun 2016 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
91	58.1	48.0	72.0
206	21.3	16.0	24.0

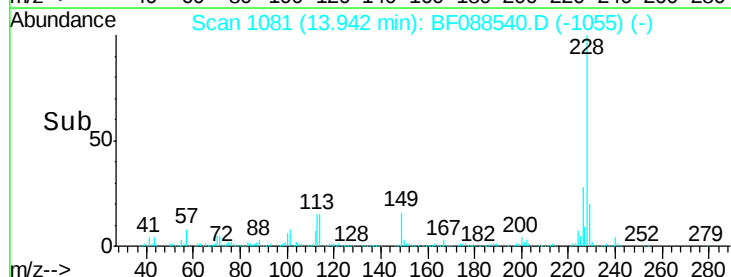
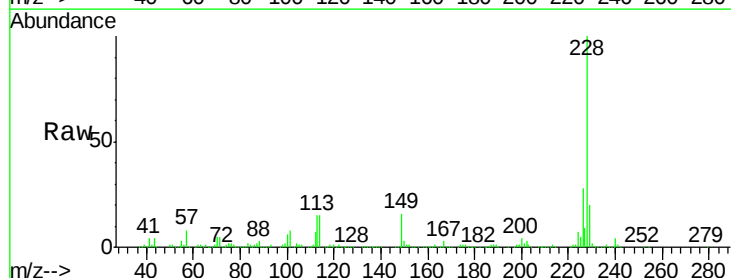
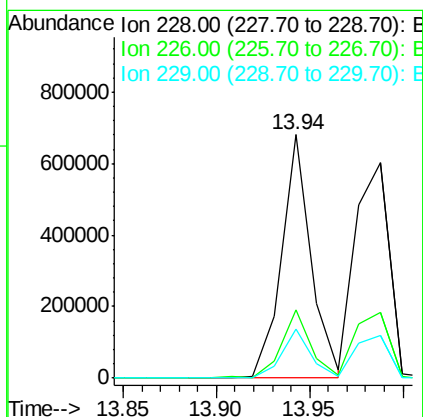
Manual Integrations

APPROVED
SOHIL
7/1/2016 8:05:15 AM



#80
Benzo(a)anthracene
Concen: 38.49 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BF088540.D
Acq: 30 Jun 2016 20:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.3	33.5
229	20.1	16.0	24.0





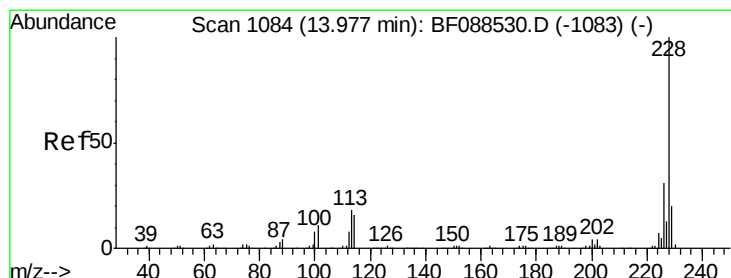
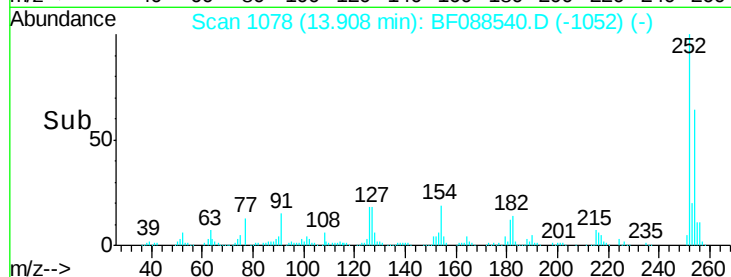
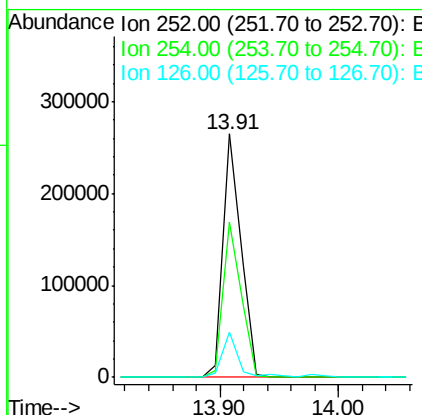
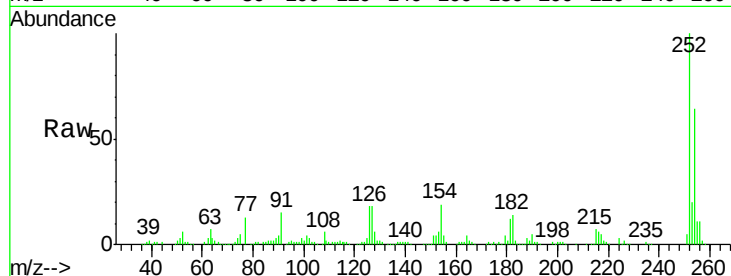
#81
 3,3'-Dichlorobenzidine
 Concen: 37.77 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: BF088540.D
 Acq: 30 Jun 2016 20:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.6	52.6	78.8
126	18.4	6.2	9.2

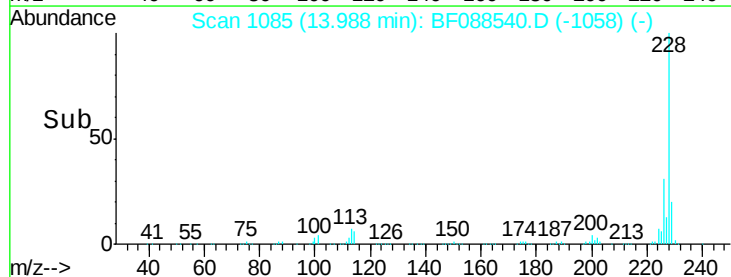
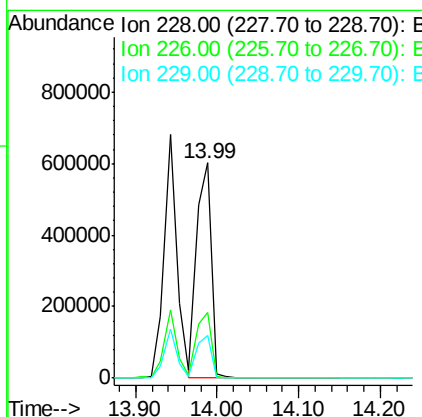
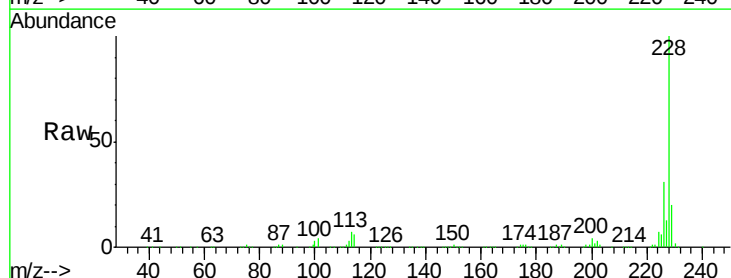
Manual Integrations

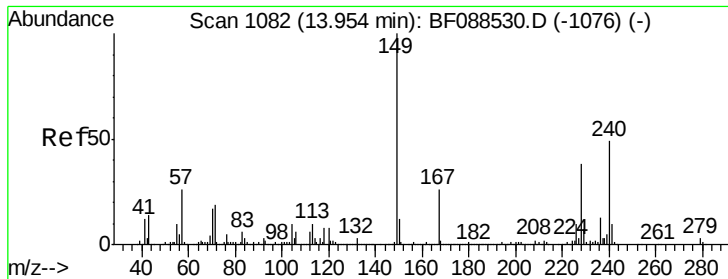
APPROVED
 SOHIL
 7/1/2016 8:05:15 AM



#82
 Chrysene
 Concen: 39.55 ng
 RT: 13.99 min Scan# 1085
 Delta R.T. 0.01 min
 Lab File: BF088540.D
 Acq: 30 Jun 2016 20:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.4	38.2
229	19.6	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.81 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.00 min

Lab File: BF088540.D

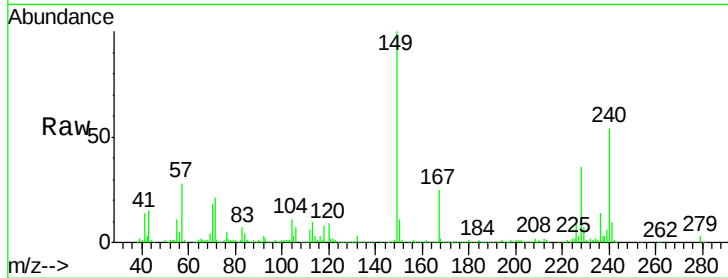
Acq: 30 Jun 2016 20:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

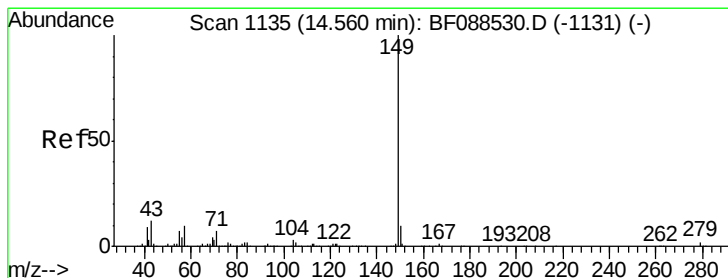
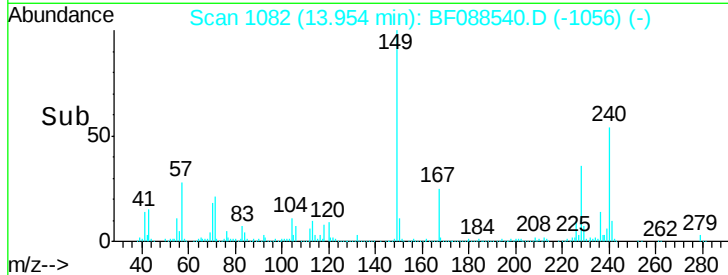
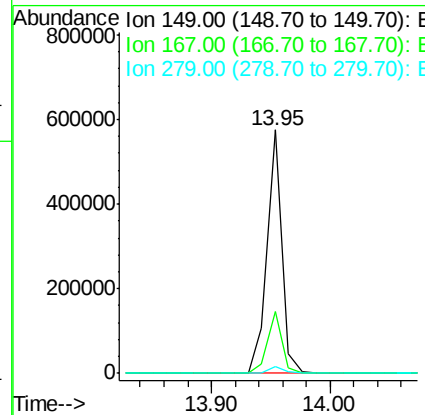


Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.2	20.5	30.7
279	2.7	2.0	3.0

Manual Integrations

SOHIL

7/1/2016 8:05:15 AM



#84

Di-n-octyl phthalate

Concen: 40.35 ng

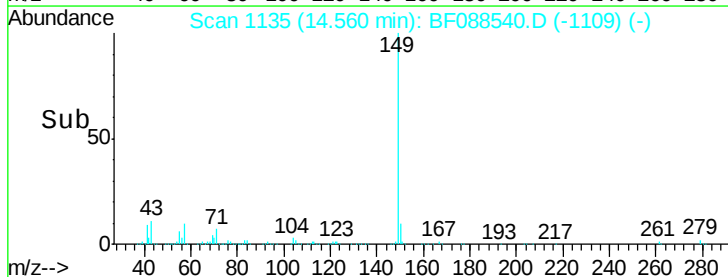
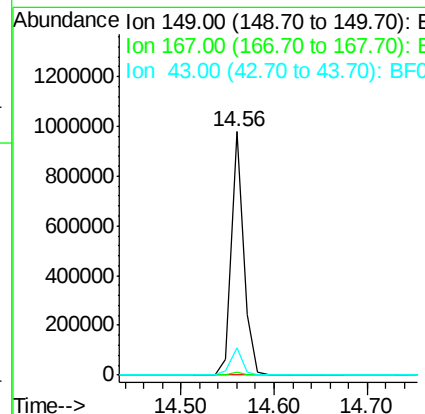
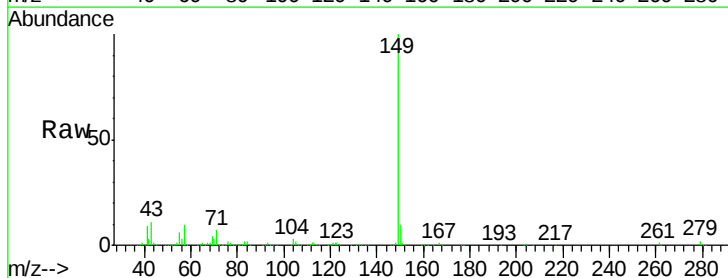
RT: 14.56 min Scan# 1135

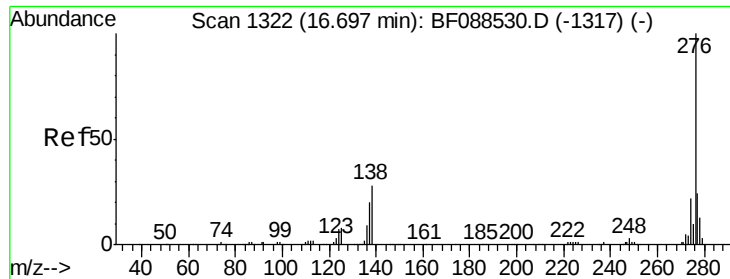
Delta R.T. -0.00 min

Lab File: BF088540.D

Acq: 30 Jun 2016 20:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	0.0	0.0#
43	10.6	0.0	0.0#





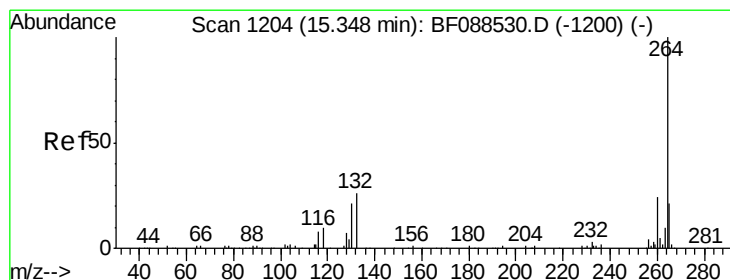
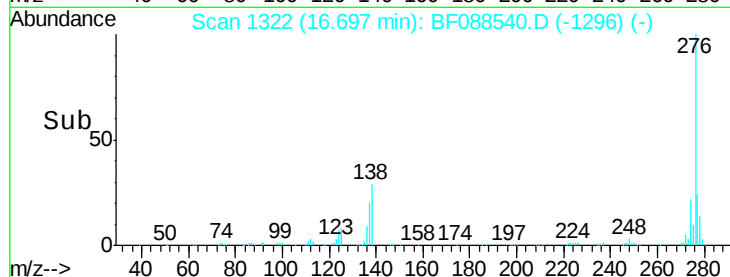
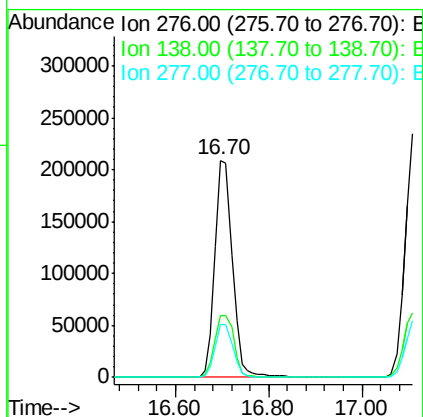
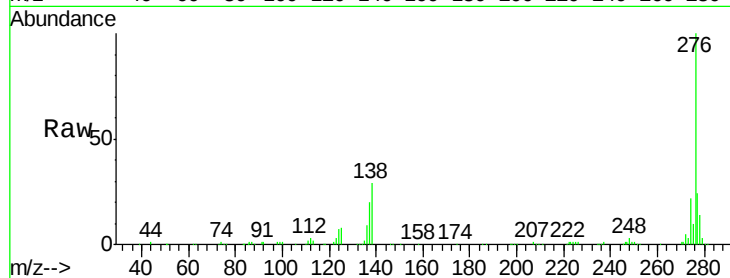
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.15 ng
 RT: 16.70 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF088540.D
 Acq: 30 Jun 2016 20:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.6	0.0	0.0#
277	25.1	0.0	0.0#

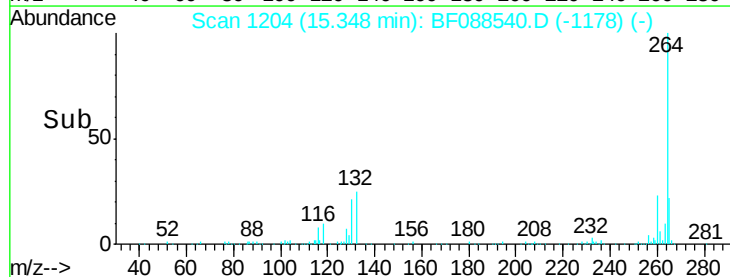
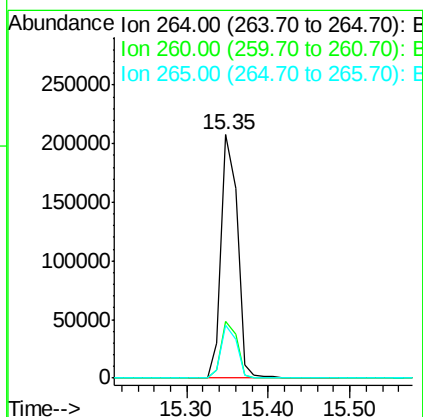
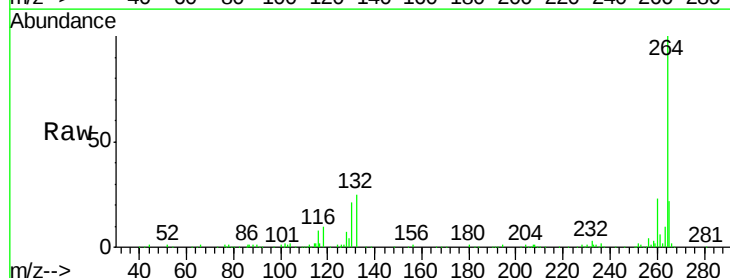
Manual Integrations

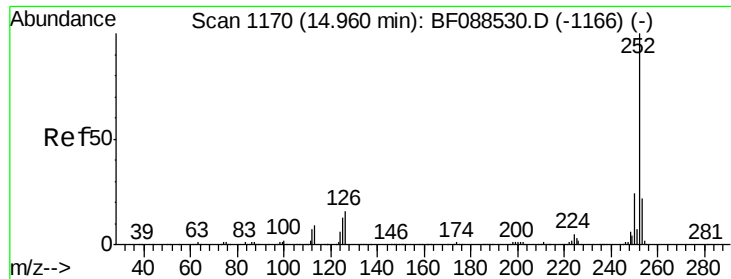
APPROVED
 SOHIL
 7/1/2016 8:05:15 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF088540.D
 Acq: 30 Jun 2016 20:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.8	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 36.51 ng

RT: 14.96 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF088540.D

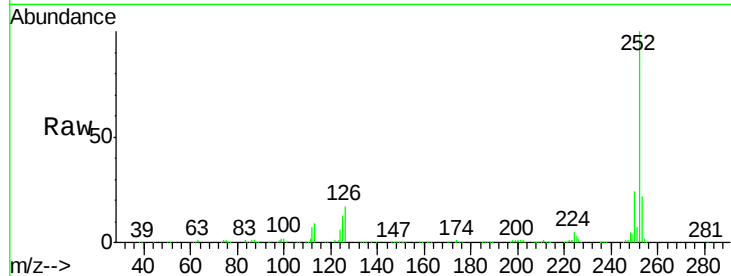
Acq: 30 Jun 2016 20:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

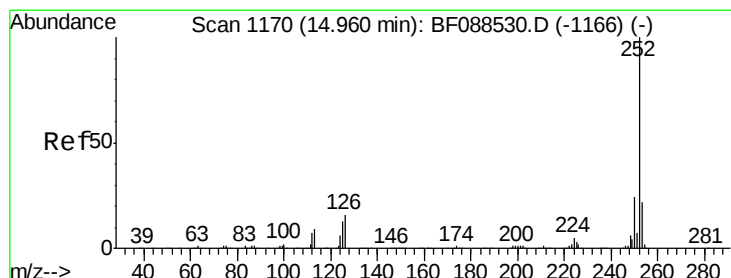
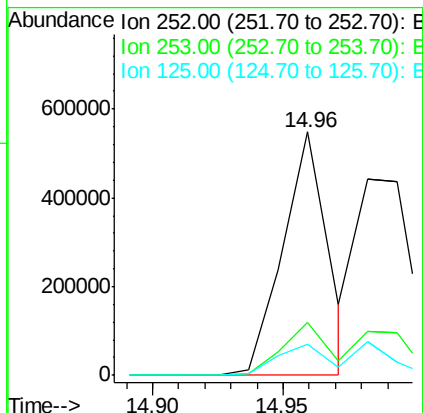
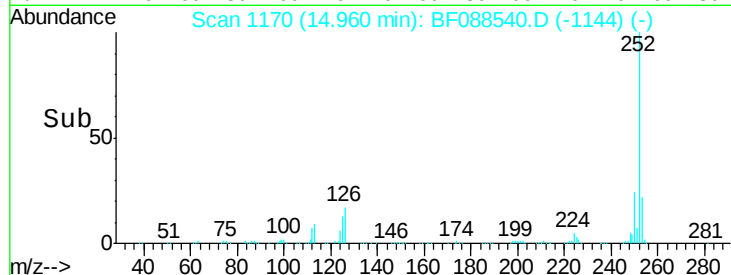


Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	13.0	7.1	10.7#

Manual Integrations

SOHIL

7/1/2016 8:05:15 AM



#88

Benzo(k)fluoranthene

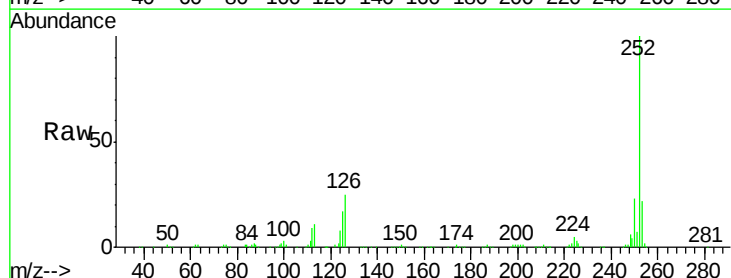
Concen: 40.21 ng m

RT: 14.98 min Scan# 1172

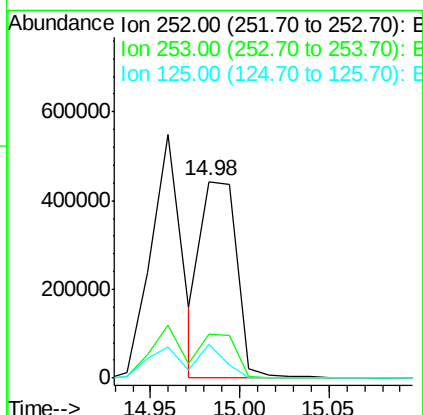
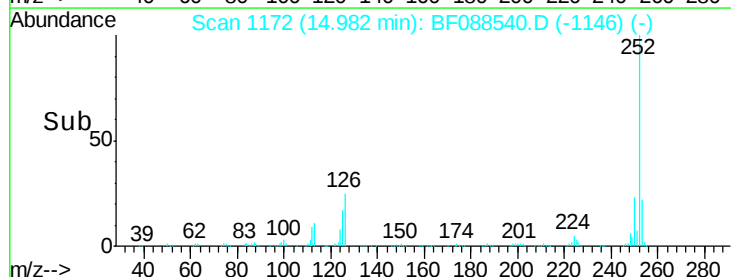
Delta R.T. -0.00 min

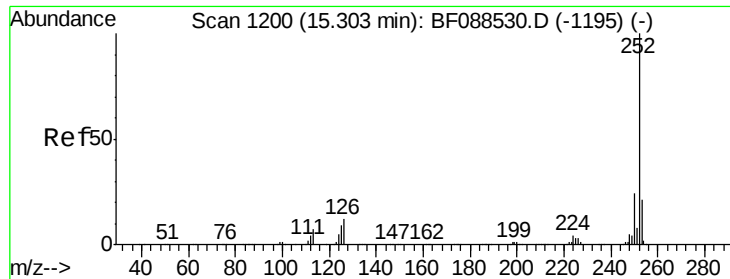
Lab File: BF088540.D

Acq: 30 Jun 2016 20:29



Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	17.1	11.2	16.8#





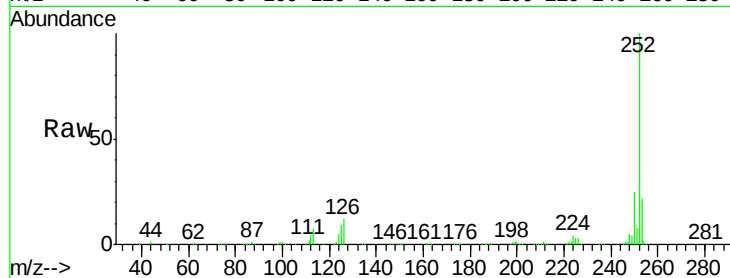
#89
Benzo(a)pyrene
Concen: 39.35 ng
RT: 15.30 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF088540.D
Acq: 30 Jun 2016 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

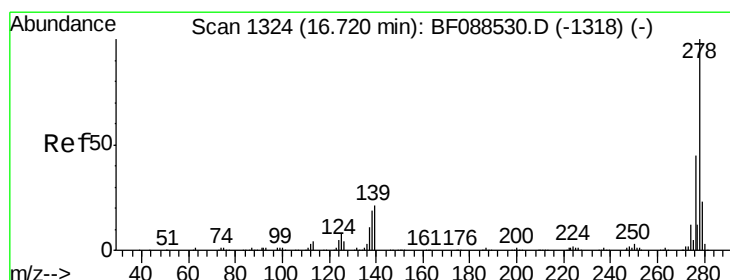
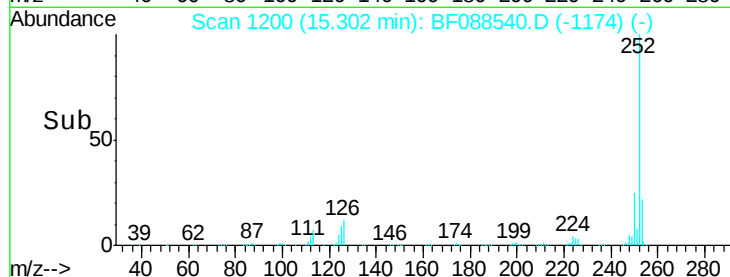
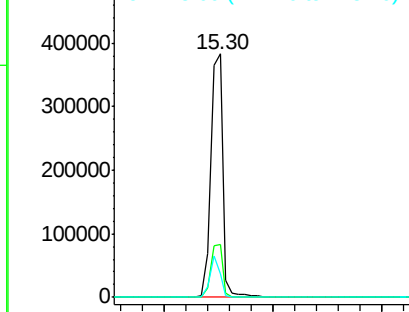
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	9.4	12.5	18.7#

Manual Integrations

APPROVED
SOHIL
7/1/2016 8:05:15 AM



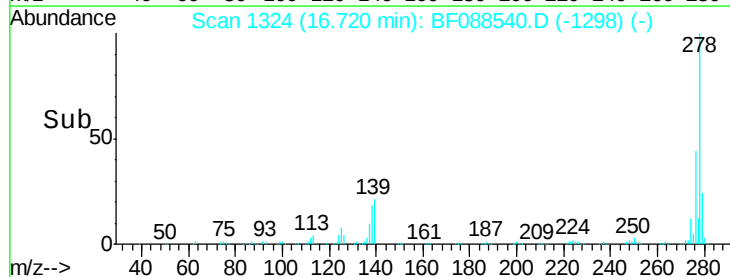
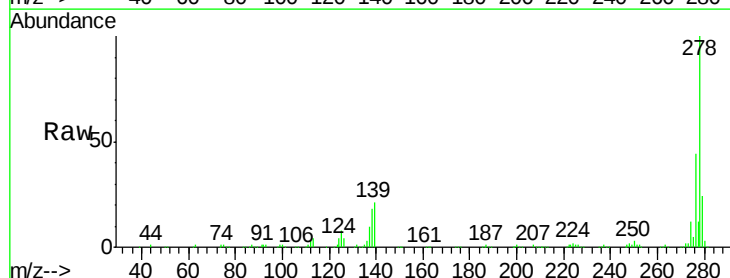
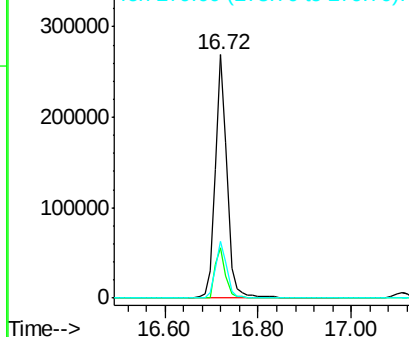
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

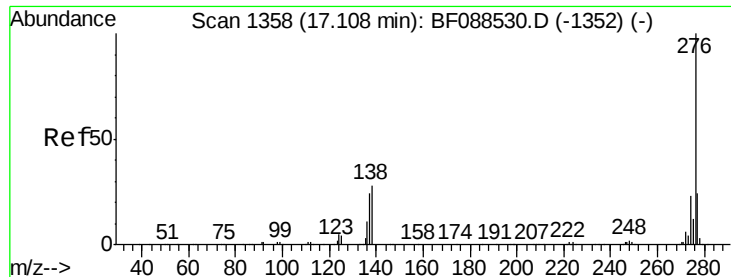


#90
Dibenzo(a,h)anthracene
Concen: 37.22 ng
RT: 16.72 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF088540.D
Acq: 30 Jun 2016 20:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.6	15.7	23.5
279	23.5	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(g,h,i)perylene
 Concen: 36.77 ng
 RT: 17.11 min Scan# 1358
 Delta R.T. -0.00 min
 Lab File: BF088540.D
 Acq: 30 Jun 2016 20:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	276	Resp:	484922
Ion Ratio		Lower	Upper
276	100		
277	23.2	18.9	28.3
138	26.5	21.4	32.2

Manual Integrations

APPROVED
 SOHIL
 7/1/2016 8:05:15 AM

