

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072618\
 Data File : BM016092.D
 Acq On : 27 Jul 2018 03:14
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Sohil
 7/27/2018 2:05:07 PM

Quant Time: Jul 27 07:15:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 23 16:08:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	58322	20.00	ng	-0.03
21) Naphthalene-d8	11.02	136	268878	20.00	ng	-0.04
38) Acenaphthene-d10	14.83	164	161236	20.00	ng	-0.02
63) Phenanthrene-d10	17.56	188	359309	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	410616	20.00	ng	-0.02
86) Perylene-d12	24.04	264	313325	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.72	112	283191	80.66	ng	-0.03
7) Phenol-d6	7.36	99	401898	87.65	ng	-0.02
23) Nitrobenzene-d5	9.39	82	494521	85.54	ng	-0.02
41) 2,4,6-Tribromophenol	16.32	330	178407	87.24	ng	-0.02
44) 2-Fluorobiphenyl	13.46	172	1100331	83.03	ng	-0.02
78) Terphenyl-d14	20.13	244	1921254	97.94	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.50	88	63282	38.469	ng	# 100
3) Pyridine	3.94	79	160833	40.585	ng	# 73
4) n-Nitrosodimethylamine	3.85	42	125550	40.619	ng	# 35
6) Aniline	7.53	93	228508	43.283	ng	91
8) 2-Chlorophenol	7.76	128	172845	41.422	ng	96
9) Benzaldehyde	7.35	77	137091	42.555	ng	91
10) Phenol	7.39	94	198474	43.289	ng	98
11) bis(2-Chloroethyl)ether	7.62	93	151786	41.906	ng	87
12) 1,3-Dichlorobenzene	8.09	146	192472	39.406	ng	# 88
13) 1,4-Dichlorobenzene	8.24	146	194978	39.360	ng	# 95
14) 1,2-Dichlorobenzene	8.56	146	192060	39.624	ng	# 93
15) Benzyl Alcohol	8.46	79	175182	47.983	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	8.72	45	225045	40.597	ng	100
17) 2-Methylphenol	8.65	107	138976	44.348	ng	# 83
18) Hexachloroethane	9.28	117	87602	40.910	ng	99
19) n-Nitroso-di-n-propylamine	9.02	70	154662	46.149	ng	# 76
20) 3+4-Methylphenols	8.99	107	193405	42.896	ng	84
22) Acetophenone	9.05	105	274479	40.541	ng	# 84
24) Nitrobenzene	9.43	77	234246	40.256	ng	99
25) Isophorone	9.95	82	350296	44.300	ng	# 93
26) 2-Nitrophenol	10.15	139	101924	41.960	ng	# 57
27) 2,4-Dimethylphenol	10.19	122	142537	42.118	ng	# 80
28) bis(2-Chloroethoxy)methane	10.43	93	215132	41.859	ng	99
29) 2,4-Dichlorophenol	10.67	162	171565	42.663	ng	96
30) 1,2,4-Trichlorobenzene	10.89	180	190185	38.924	ng	97
31) Naphthalene	11.07	128	533170	39.180	ng	99
32) Benzoic acid	10.38	122	126389m	48.992	ng	
33) 4-Chloroaniline	11.19	127	240294	43.272	ng	# 86
34) Hexachlorobutadiene	11.33	225	132457	39.082	ng	98
35) Caprolactam	12.02	113	56621m	50.836	ng	
36) 4-Chloro-3-methylphenol	12.30	107	203778	46.071	ng	88
37) 2-Methylnaphthalene	12.67	142	388793	42.650	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	210740	38.391	ng	# 100
40) Hexachlorocyclopentadiene	12.99	237	90379	37.998	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072618\
 Data File : BM016092.D
 Acq On : 27 Jul 2018 03:14
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTDC0040EC

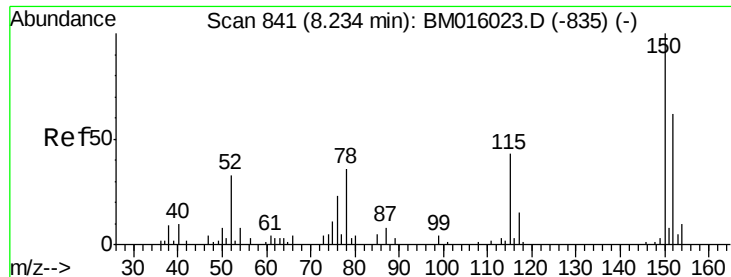
Manual Integrations
 APPROVED

Sohil
 7/27/2018 2:05:07 PM

Quant Time: Jul 27 07:15:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 23 16:08:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	146008	42.514	ng	99
43) 2,4,5-Trichlorophenol	13.35	196	148793	42.002	ng	# 82
45) 1,1'-Biphenyl	13.67	154	571720	39.290	ng	99
46) 2-Chloronaphthalene	13.72	162	444140	39.244	ng	# 90
47) 2-Nitroaniline	13.93	65	162803	43.511	ng	# 78
48) Acenaphthylene	14.56	152	677253	40.877	ng	99
49) Dimethylphthalate	14.29	163	589289	41.762	ng	100
50) 2,6-Dinitrotoluene	14.42	165	123847	43.622	ng	# 53
51) Acenaphthene	14.90	154	410809	40.316	ng	99
52) 3-Nitroaniline	14.76	138	132990	43.368	ng	# 74
53) 2,4-Dinitrophenol	14.97	184	49961	43.966	ng	# 69
54) Dibenzofuran	15.23	168	683478	40.704	ng	# 81
55) 4-Nitrophenol	15.06	139	96419	43.860	ng	# 77
56) 2,4-Dinitrotoluene	15.21	165	179979	44.335	ng	90
57) Fluorene	15.87	166	528861	42.384	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.45	232	131746	43.267	ng	# 100
59) Diethylphthalate	15.63	149	665768	43.774	ng	95
60) 4-Chlorophenyl-phenylether	15.86	204	291712	41.996	ng	# 81
61) 4-Nitroaniline	15.92	138	128203	43.574	ng	# 18
62) Azobenzene	16.15	77	711457	44.417	ng	# 76
64) 4,6-Dinitro-2-methylphenol	15.97	198	96029	44.032	ng	# 83
65) n-Nitrosodiphenylamine	16.08	169	496711	41.982	ng	96
66) 4-Bromophenyl-phenylether	16.74	248	172831	42.479	ng	# 71
67) Hexachlorobenzene	16.87	284	182311	40.690	ng	# 69
68) Atrazine	17.02	200	185561	43.760	ng	98
69) Pentachlorophenol	17.22	266	121651	43.847	ng	98
70) Phenanthrene	17.60	178	812733	40.402	ng	99
71) Anthracene	17.69	178	813833	41.626	ng	99
72) Carbazole	17.97	167	841984	41.571	ng	96
73) Di-n-butylphthalate	18.49	149	1164303	46.132	ng	# 97
74) Fluoranthene	19.59	202	977299	43.553	ng	100
76) Benzidine	19.77	184	472888	41.212	ng	100
77) Pyrene	19.95	202	1039829	42.257	ng	99
79) Butylbenzylphthalate	20.80	149	585553	46.843	ng	# 76
80) Benzo(a)anthracene	21.67	228	1020671	40.358	ng	99
81) 3,3'-Dichlorobenzidine	21.59	252	384214	37.718	ng	100
82) Chrysene	21.72	228	964734	39.767	ng	100
83) Bis(2-ethylhexyl)phthalate	21.55	149	868449	47.937	ng	# 92
84) Di-n-octyl phthalate	22.46	149	1343508	44.125	ng	# 89
85) Indeno(1,2,3-cd)pyrene	26.46	276	706415	24.538	ng	# 94
87) Benzo(b)fluoranthene	23.33	252	848652	46.003	ng	# 96
88) Benzo(k)fluoranthene	23.37	252	800424m	42.813	ng	
89) Benzo(a)pyrene	23.94	252	721725	40.696	ng	99
90) Dibenzo(a,h)anthracene	26.46	278	611656	33.289	ng	97
91) Benzo(g,h,i)perylene	27.20	276	548366	31.554	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.20 min Scan# 836

Delta R.T. -0.03 min

Lab File: BM016092.D

Acq: 27 Jul 2018 03:14

Instrument :

BNA_M

ClientSampleId :

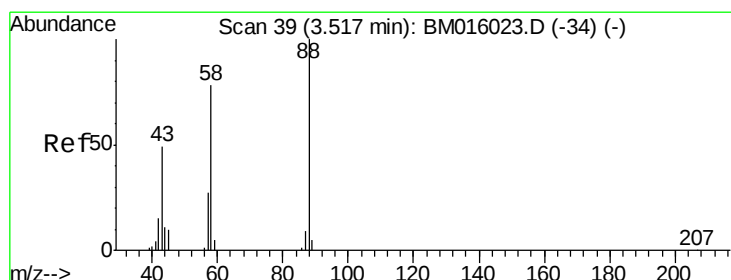
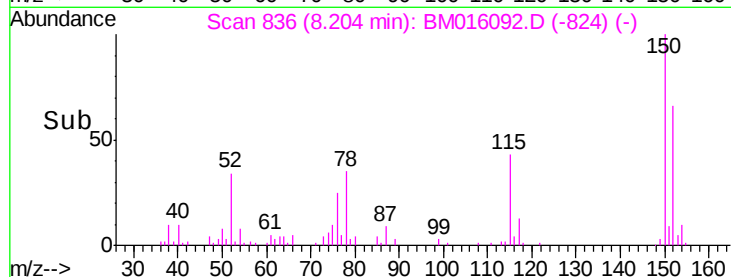
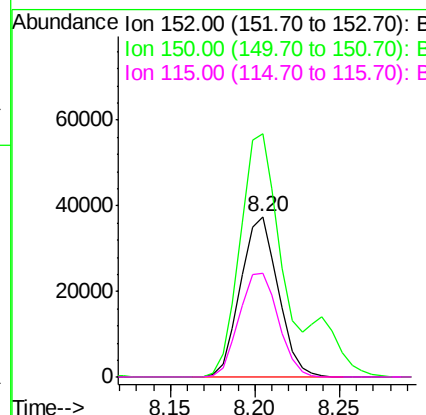
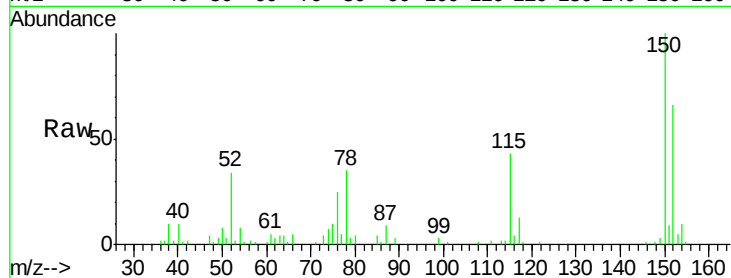
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.8	119.5	179.3
115	65.1	43.0	64.4

Manual Integrations
APPROVED

Sohil

7/27/2018 2:05:07 PM



#2

1,4-Dioxane

Concen: 38.469 ng

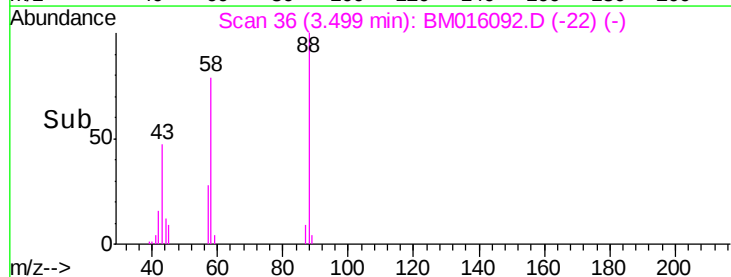
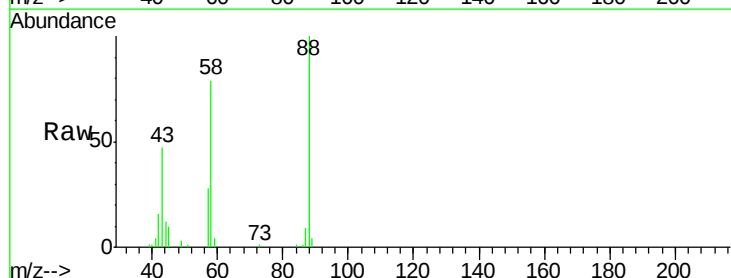
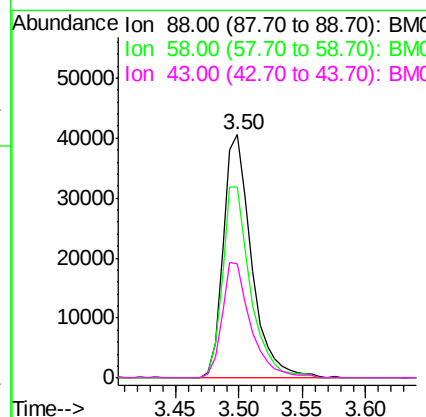
RT: 3.50 min Scan# 36

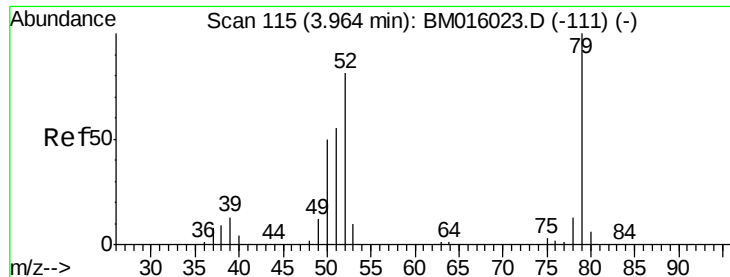
Delta R.T. -0.02 min

Lab File: BM016092.D

Acq: 27 Jul 2018 03:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.5	0.0	0.0
43	48.0	0.0	0.0





#3

Pyridine

Concen: 40.585 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.02 min

Lab File: BM016092.D

Acq: 27 Jul 2018 03:14

Instrument :

BNA_M

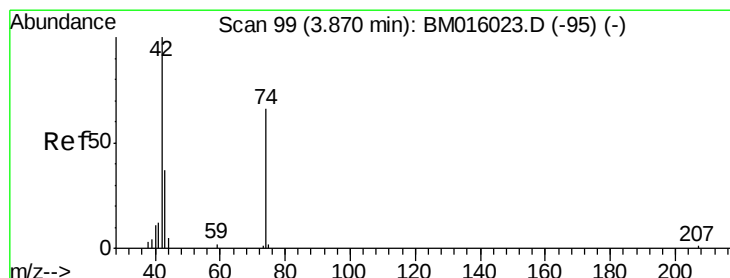
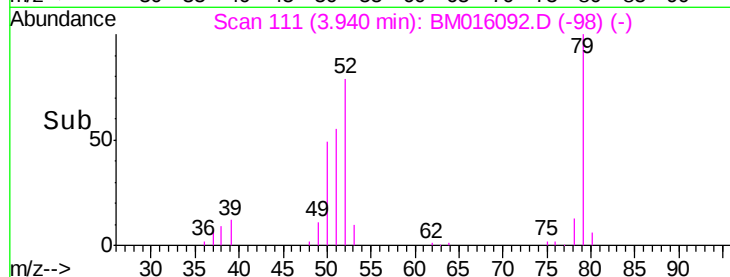
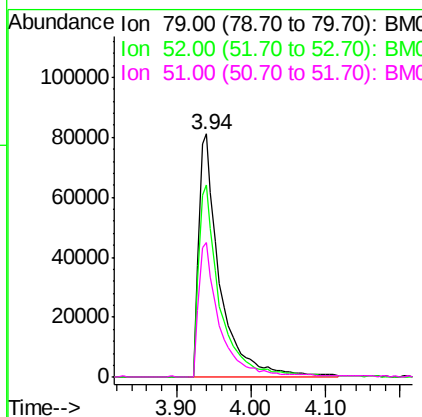
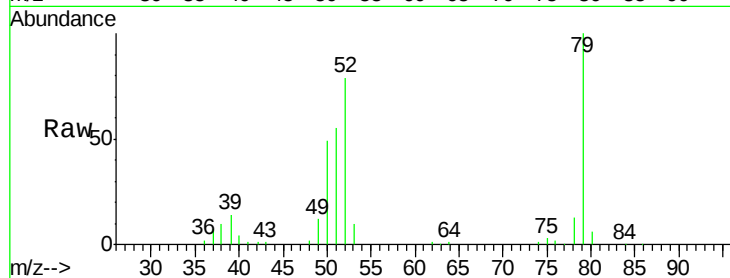
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	79	Resp:	160833
Ion Ratio	Lower	Upper	
79	100		
52	79.1	51.1	76.7#
51	55.4	26.1	39.1#

Manual Integrations
APPROVED

Sohil
7/27/2018 2:05:07 PM



#4

n-Nitrosodimethylamine

Concen: 40.619 ng

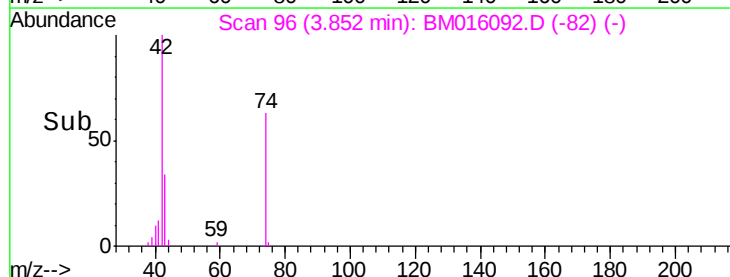
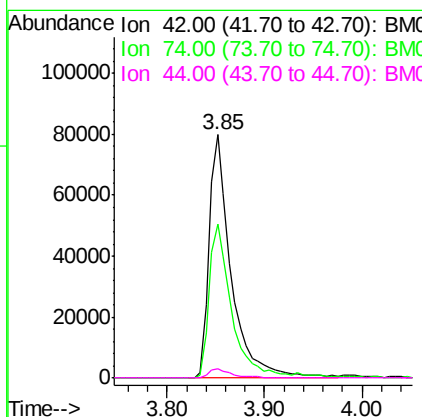
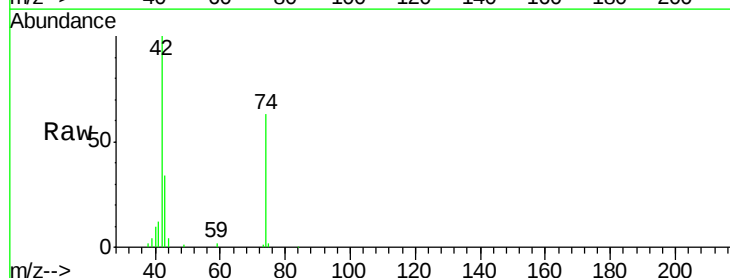
RT: 3.85 min Scan# 96

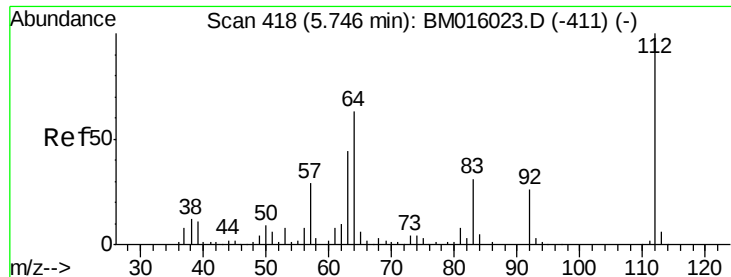
Delta R.T. -0.02 min

Lab File: BM016092.D

Acq: 27 Jul 2018 03:14

Tgt Ion:	42	Resp:	125550
Ion Ratio	Lower	Upper	
42	100		
74	63.3	119.3	178.9#
44	3.7	5.4	8.2#





#5

2-Fluorophenol

Concen: 40.619 ng

RT: 5.72 min Scan# 413

Delta R.T. -0.03 min

Lab File: BM016092.D

Acq: 27 Jul 2018 03:14

Instrument :

BNA_M

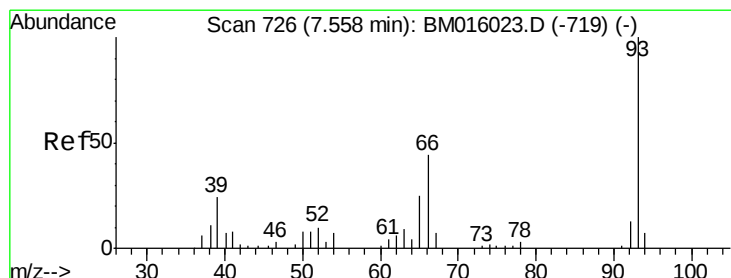
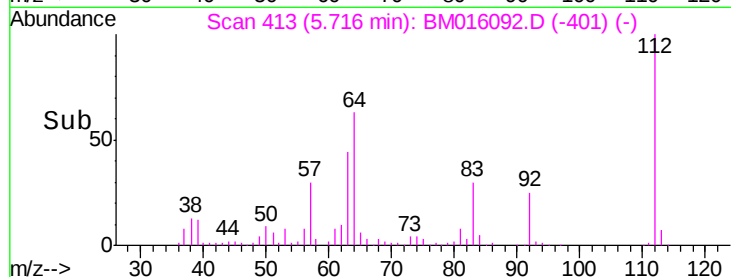
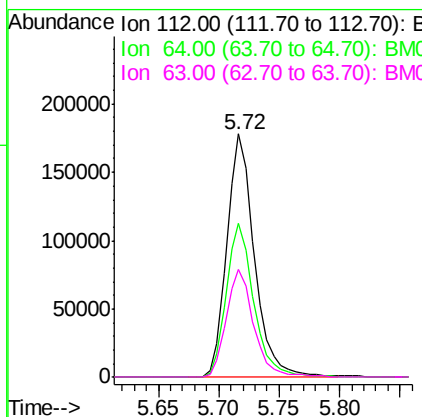
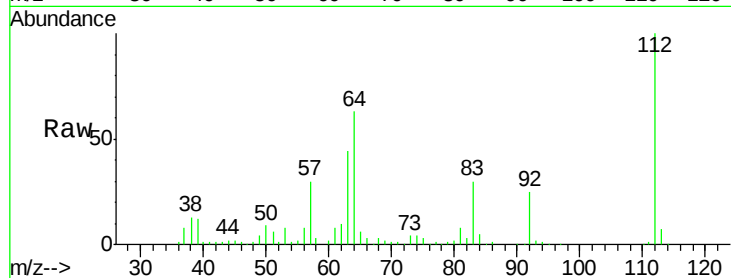
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	112	Resp:	283191
Ion Ratio		Lower	Upper
112	100		
64	63.1	38.6	57.8#
63	44.1	19.3	28.9#

Manual Integrations
APPROVED

Sohil
7/27/2018 2:05:07 PM



#6

Aniline

Concen: 43.283 ng

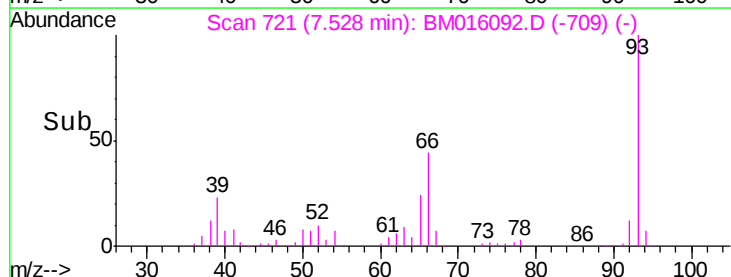
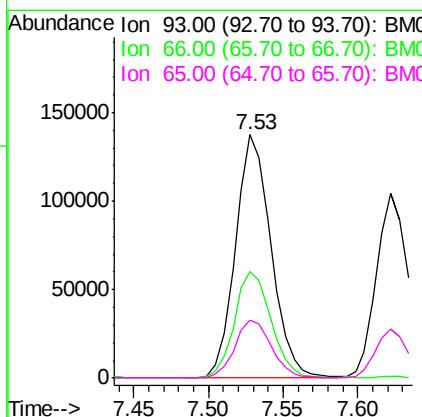
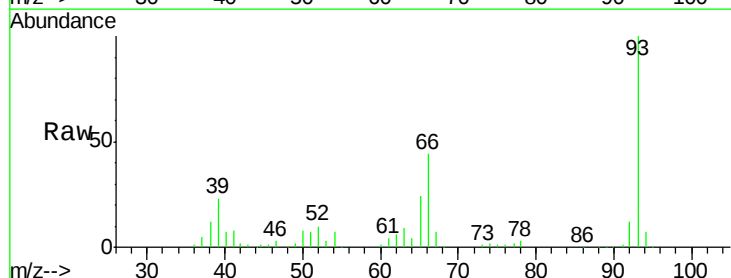
RT: 7.53 min Scan# 721

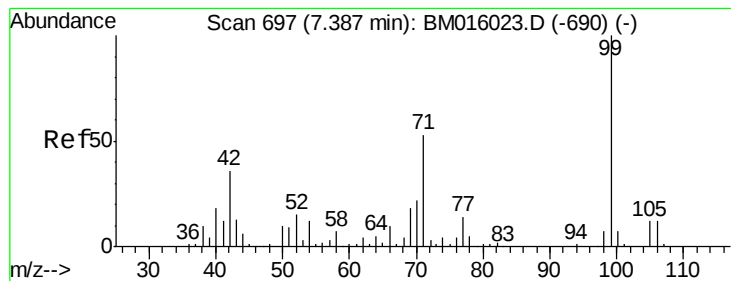
Delta R.T. -0.03 min

Lab File: BM016092.D

Acq: 27 Jul 2018 03:14

Tgt Ion:	93	Resp:	228508
Ion Ratio		Lower	Upper
93	100		
66	44.0	30.8	46.2
65	23.7	16.0	24.0





#7

Phenol-d6

Concen: 43.283 ng

RT: 7.36 min Scan# 693

Delta R.T. -0.02 min

Lab File: BM016092.D

Acq: 27 Jul 2018 03:14

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 99 Resp: 401898

Ion Ratio Lower Upper

99 100

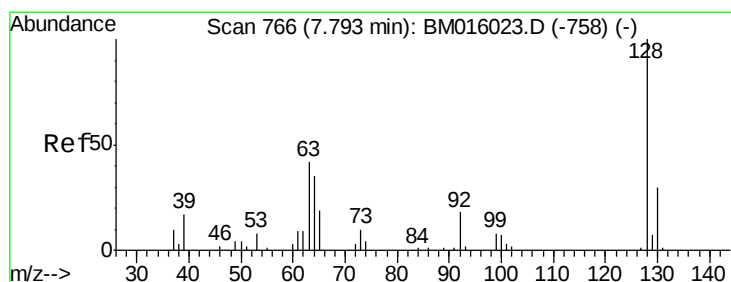
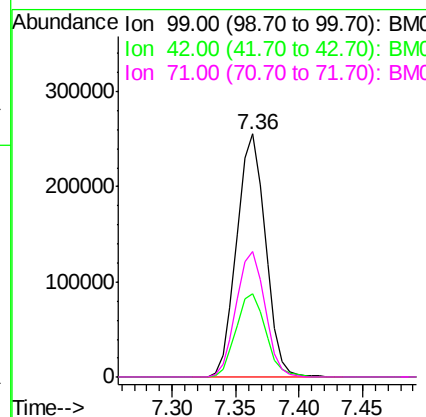
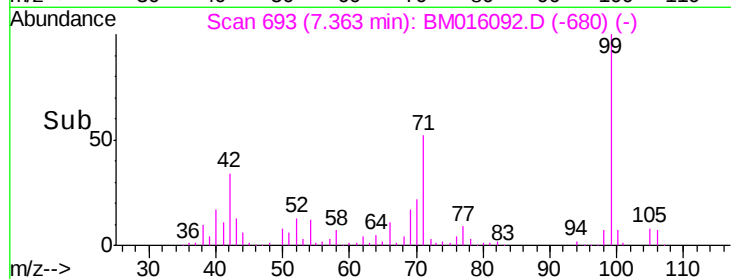
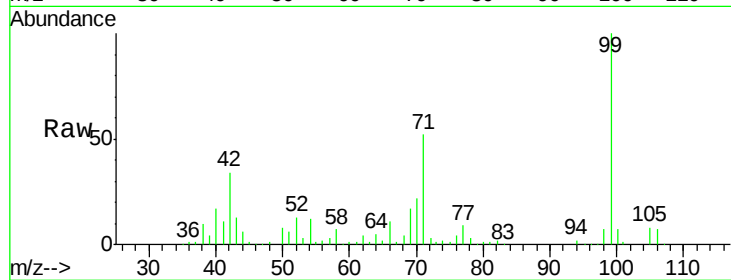
42 34.4 11.0 16.4#

71 51.6 23.4 35.2#

Manual Integrations
APPROVED

Sohil

7/27/2018 2:05:07 PM



#8

2-Chlorophenol

Concen: 41.422 ng

RT: 7.76 min Scan# 761

Delta R.T. -0.03 min

Lab File: BM016092.D

Acq: 27 Jul 2018 03:14

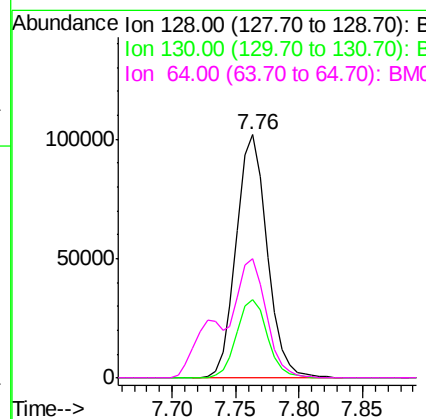
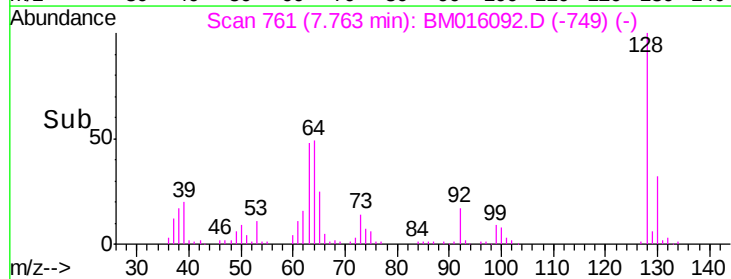
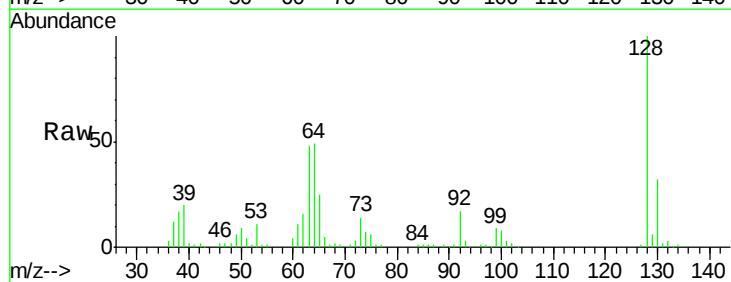
Tgt Ion: 128 Resp: 172845

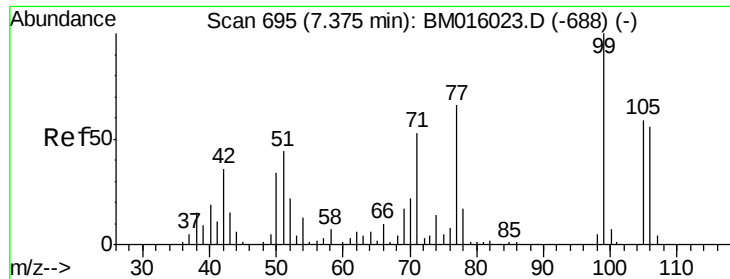
Ion Ratio Lower Upper

128 100

130 32.3 12.0 52.0

64 49.1 24.9 64.9





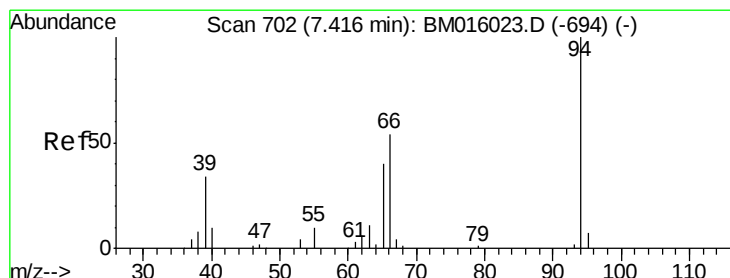
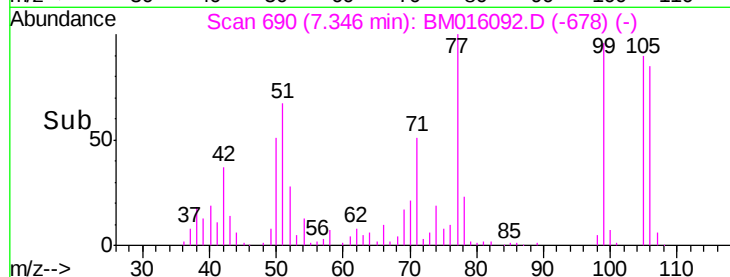
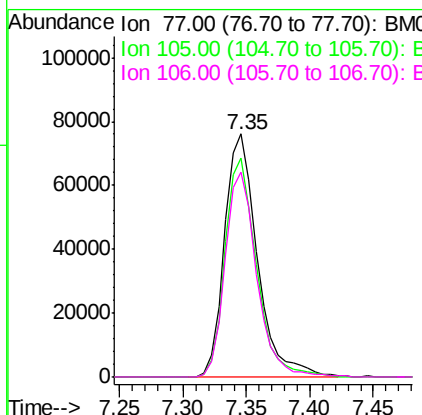
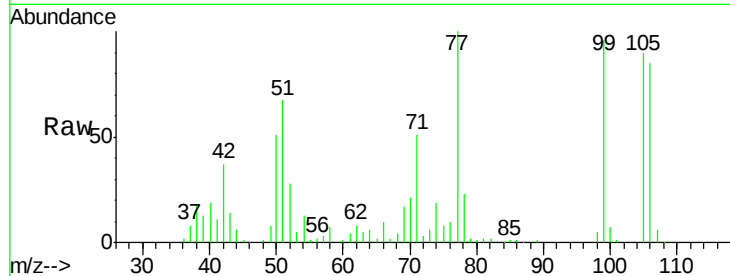
#9
Benzaldehyde
Concen: 42.555 ng
RT: 7.35 min Scan# 690
Delta R.T. -0.03 min
Lab File: BM016092.D
Acq: 27 Jul 2018 03:14

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
77	100		
105	90.0	78.8	118.8
106	84.5	73.7	113.7

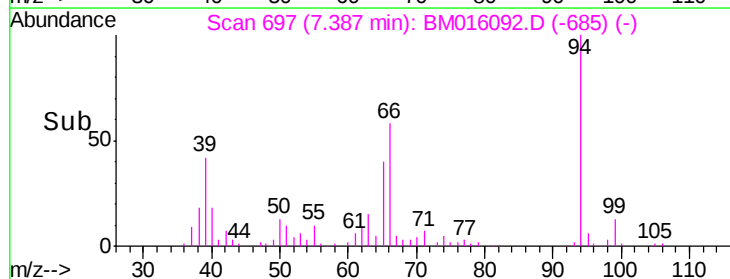
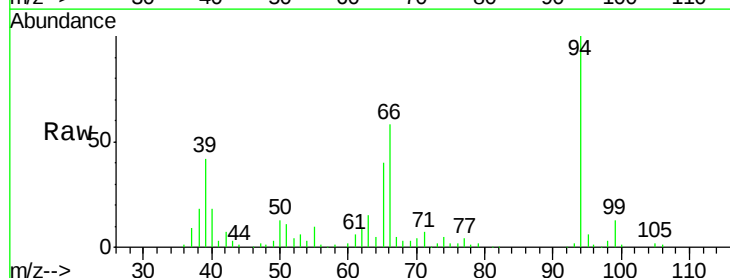
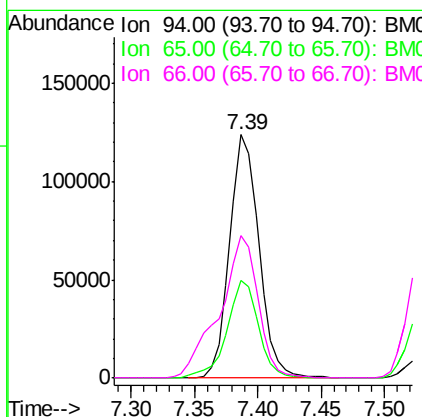
Manual Integrations
APPROVED

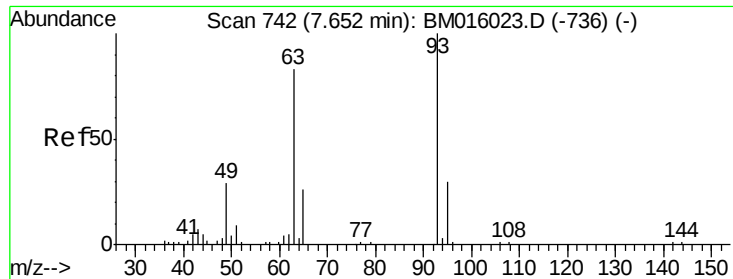
Sohil
7/27/2018 2:05:07 PM



#10
Phenol
Concen: 43.289 ng
RT: 7.39 min Scan# 697
Delta R.T. -0.03 min
Lab File: BM016092.D
Acq: 27 Jul 2018 03:14

Tgt Ion	Ratio	Lower	Upper
94	100		
65	40.1	18.8	58.8
66	58.5	39.9	79.9





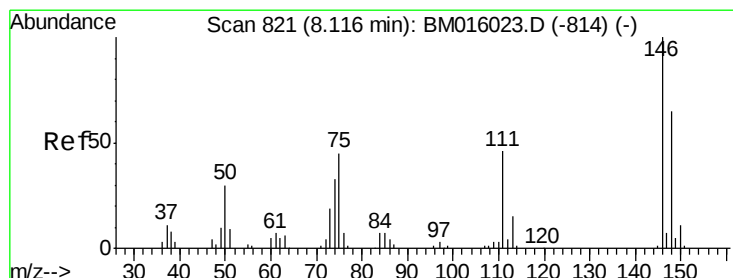
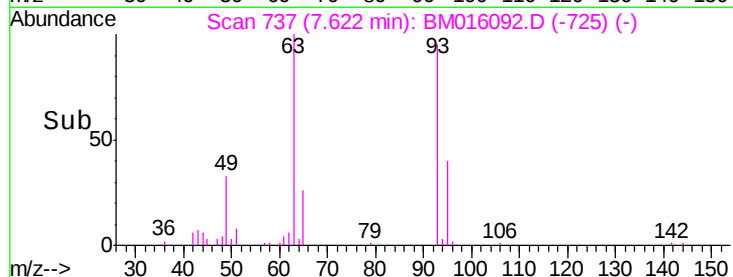
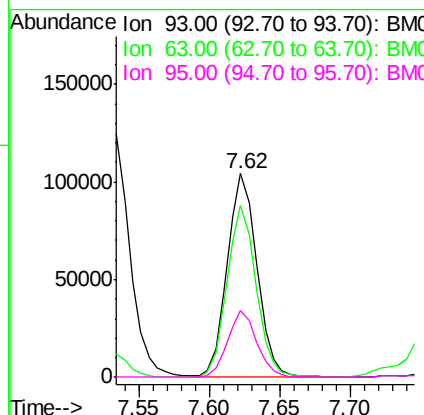
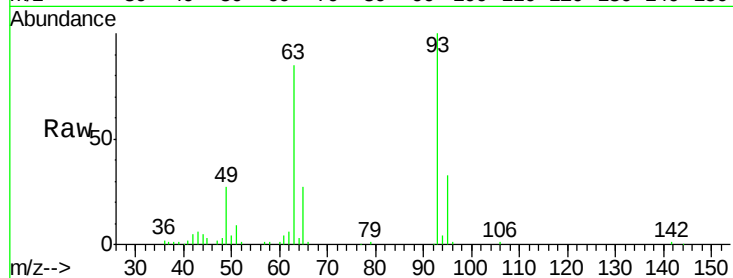
#11
bis(2-Chloroethyl)ether
Concen: 41.906 ng
RT: 7.62 min Scan# 737
Delta R.T. -0.03 min
Lab File: BM016092.D
Acq: 27 Jul 2018 03:14

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
93	100		
63	84.6	49.5	89.5
95	32.7	13.5	53.5

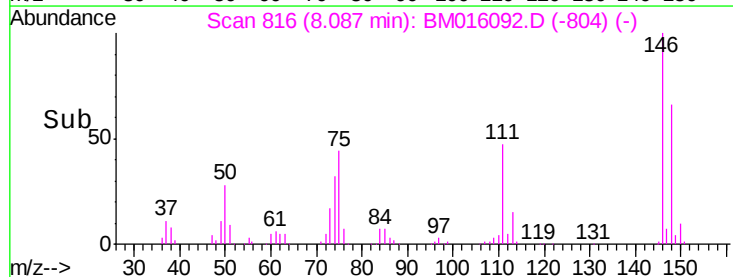
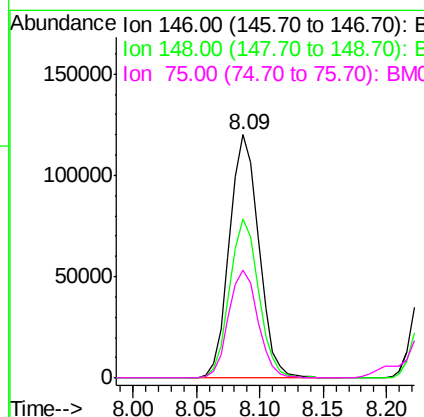
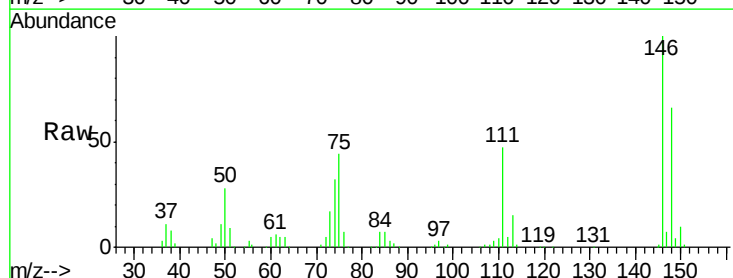
Manual Integrations
APPROVED

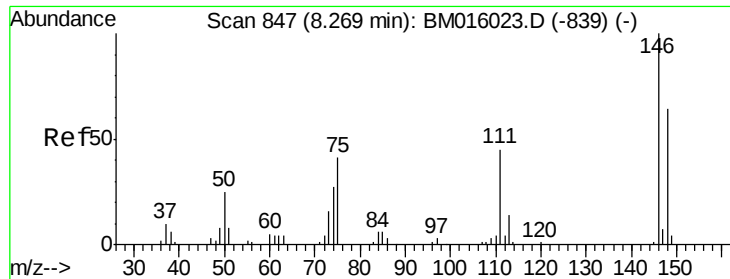
Sohil
7/27/2018 2:05:07 PM



#12
1,3-Dichlorobenzene
Concen: 39.406 ng
RT: 8.09 min Scan# 816
Delta R.T. -0.03 min
Lab File: BM016092.D
Acq: 27 Jul 2018 03:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.9	76.3
75	44.4	21.4	32.2





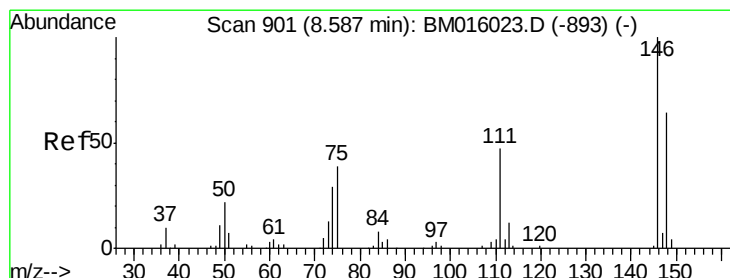
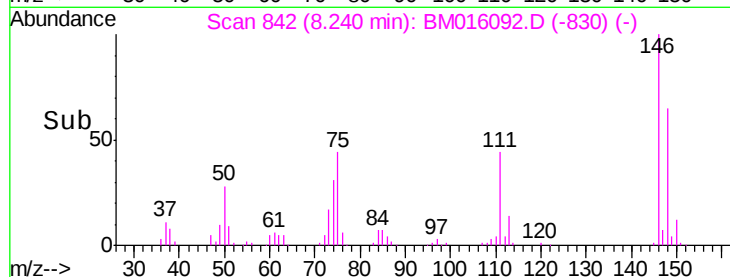
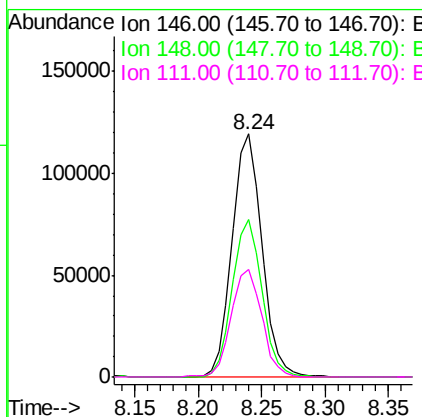
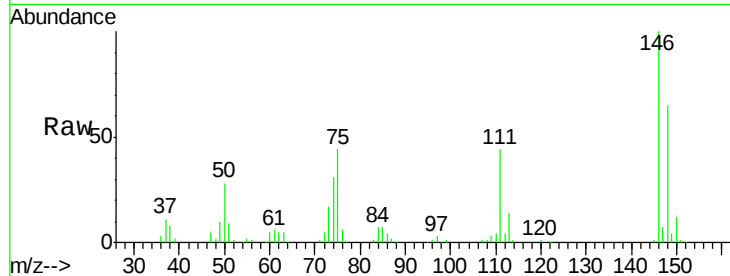
#13
 1,4-Dichlorobenzene
 Concen: 39.360 ng
 RT: 8.24 min Scan# 842
 Delta R.T. -0.03 min
 Lab File: BM016092.D
 Acq: 27 Jul 2018 03:14

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.9	77.9
111	44.3	29.2	43.8#

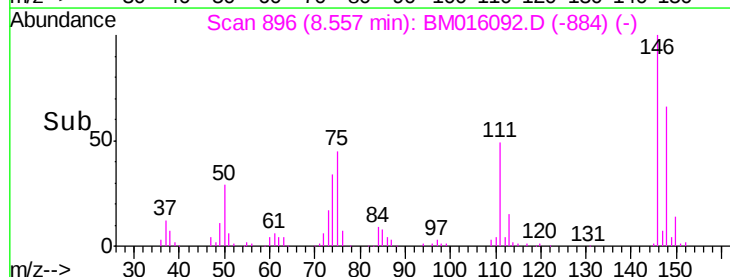
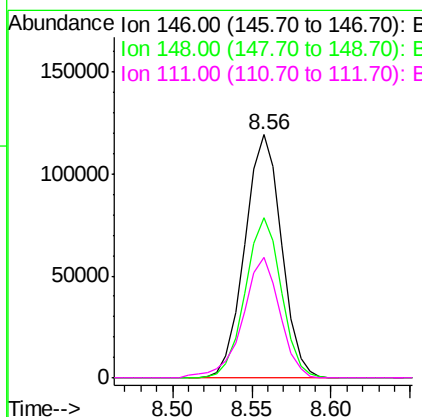
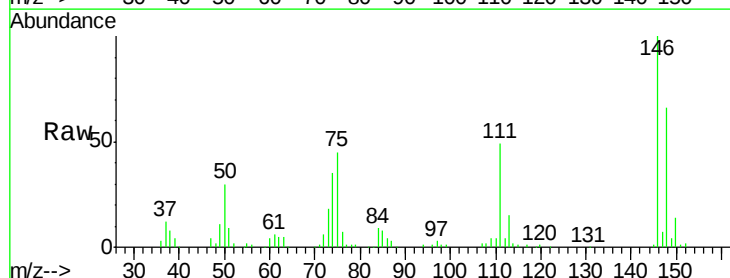
Manual Integrations
 APPROVED

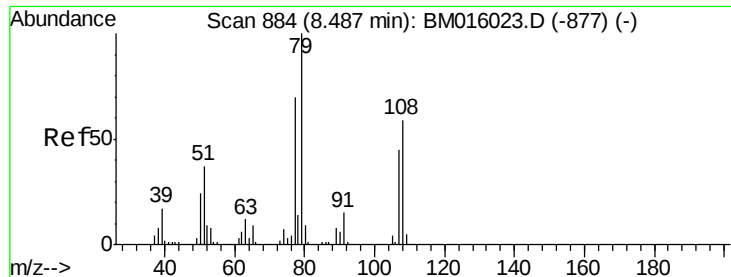
Sohil
 7/27/2018 2:05:07 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.624 ng
 RT: 8.56 min Scan# 896
 Delta R.T. -0.03 min
 Lab File: BM016092.D
 Acq: 27 Jul 2018 03:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	52.3	78.5
111	49.4	30.6	45.8#





#15

Benzyl Alcohol

Concen: 47.983 ng

RT: 8.46 min Scan# 879

Delta R.T. -0.03 min

Lab File: BM016092.D

Acq: 27 Jul 2018 03:14

Instrument :

BNA_M

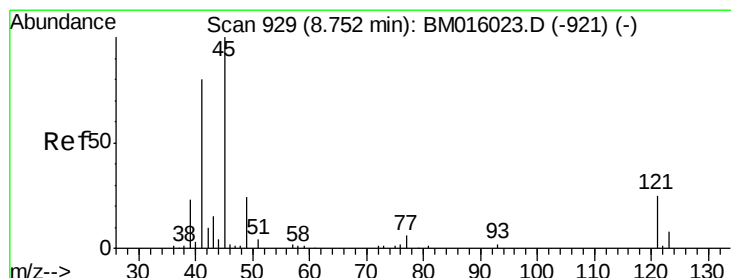
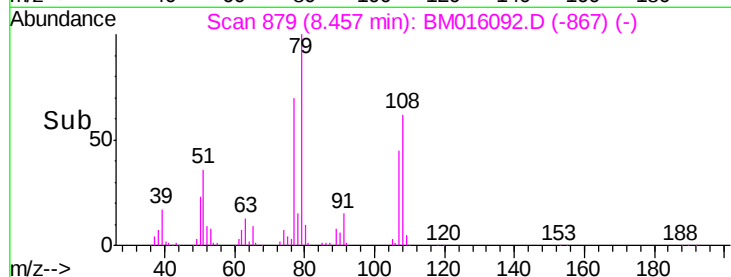
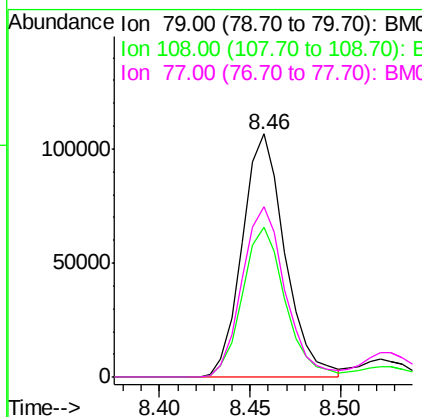
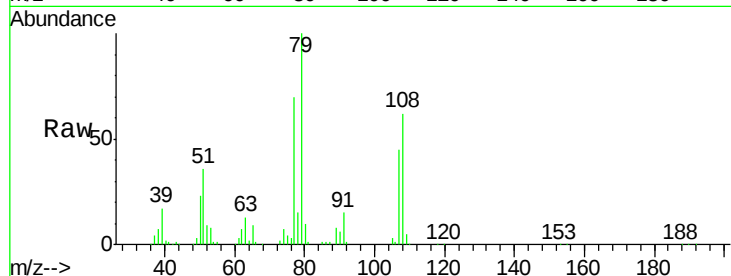
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	79	Resp:	175182
Ion Ratio	Lower	Upper	
79	100		
108	61.8	65.0	97.4#
77	70.0	53.0	79.6

Manual Integrations
APPROVED

Sohil
7/27/2018 2:05:07 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.597 ng

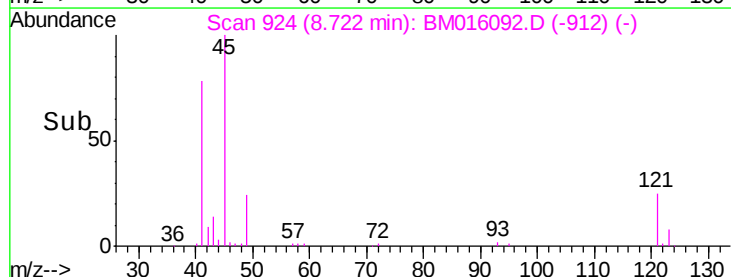
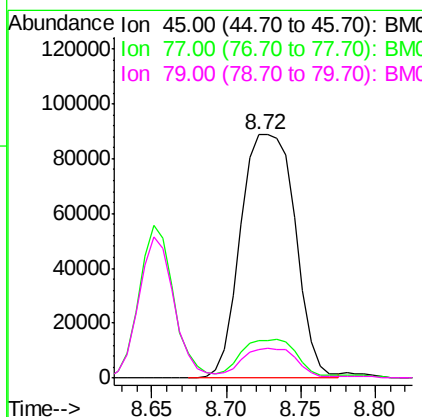
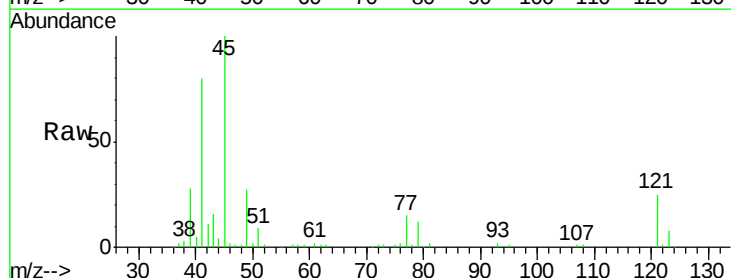
RT: 8.72 min Scan# 924

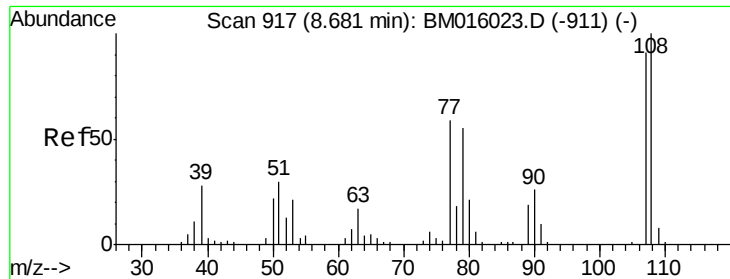
Delta R.T. -0.03 min

Lab File: BM016092.D

Acq: 27 Jul 2018 03:14

Tgt Ion:	45	Resp:	225045
Ion Ratio	Lower	Upper	
45	100		
77	15.3	0.0	35.2
79	11.7	0.0	32.0





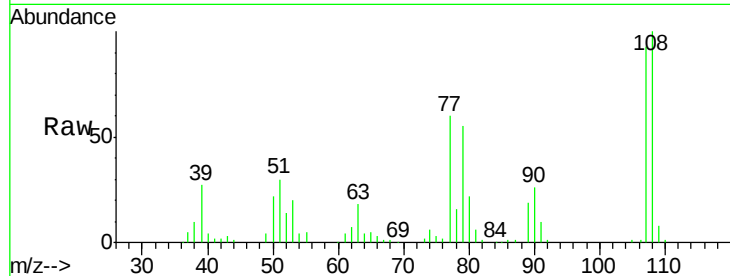
#17
2-Methylphenol
Concen: 44.348 ng
RT: 8.65 min Scan# 912
Delta R.T. -0.03 min
Lab File: BM016092.D
Acq: 27 Jul 2018 03:14

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	138976		
108	107.2	89.8	134.8	
77	64.1	32.6	48.8	
79	59.4	32.8	49.2	

Manual Integrations
APPROVED

Sohil
7/27/2018 2:05:07 PM



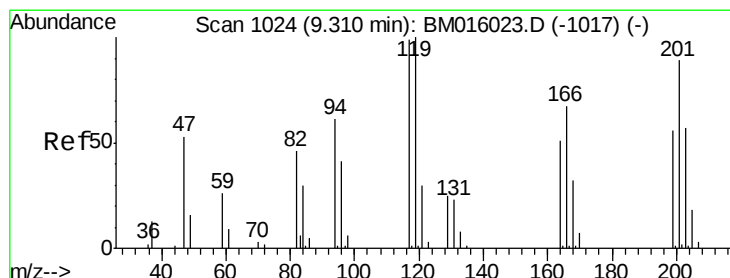
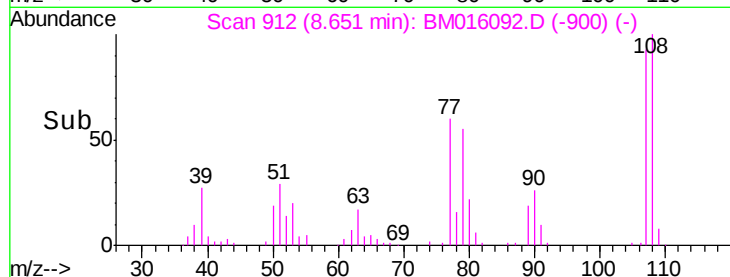
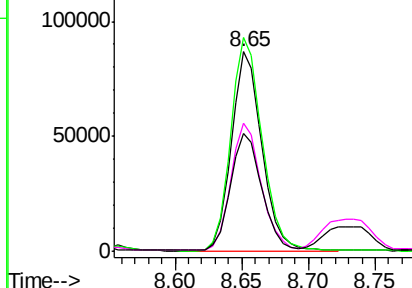
Abundance

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): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 40.910 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.03 min
Lab File: BM016092.D
Acq: 27 Jul 2018 03:14

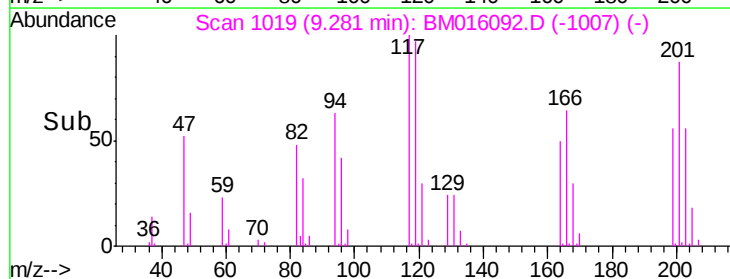
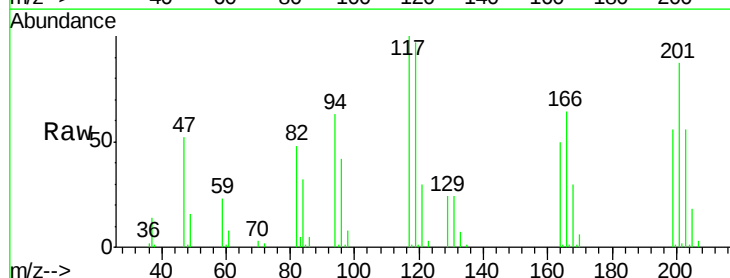
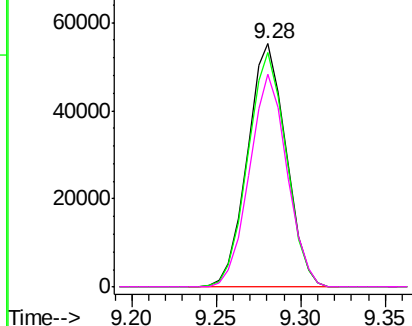
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	87602		
119	96.6	79.2	118.8	
201	87.3	69.8	104.6	

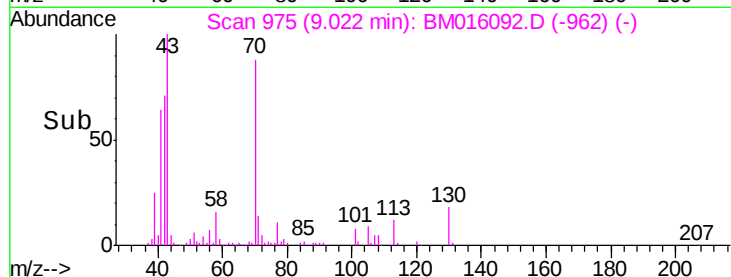
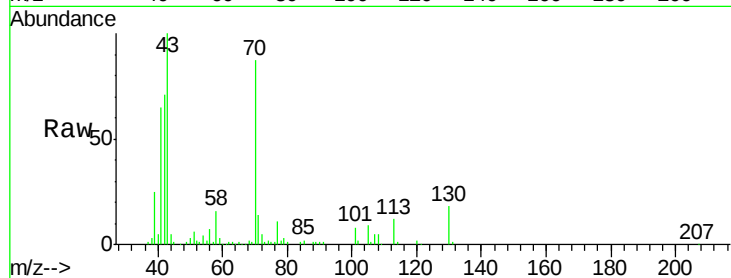
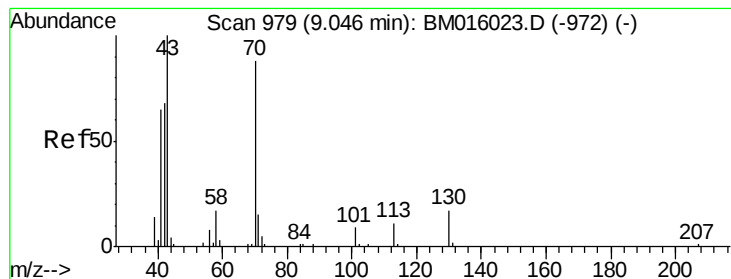
Abundance

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: 46.149 ng

RT: 9.02 min Scan# 975

Delta R.T. -0.02 min

Lab File: BM016092.D

Acq: 27 Jul 2018 03:14

Instrument :

BNA_M

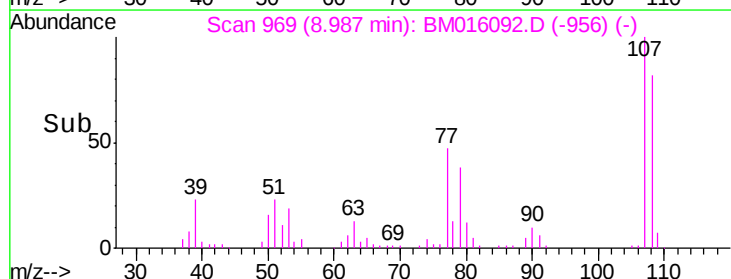
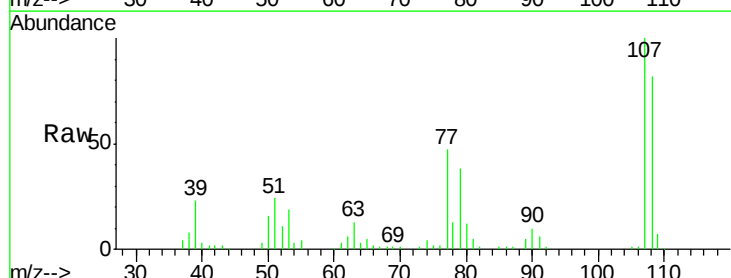
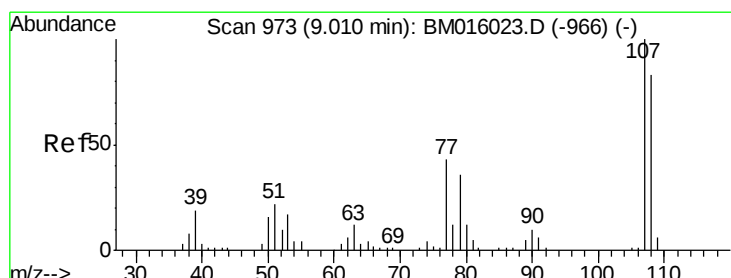
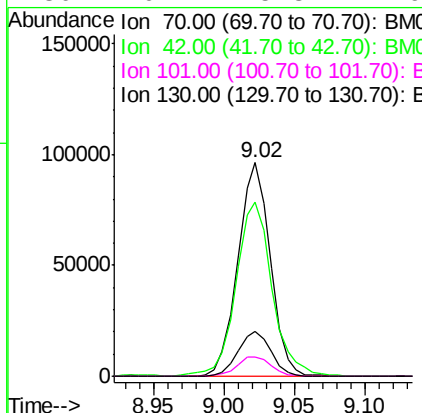
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	70	Resp:	154662
Ion Ratio	Lower	Upper	
70	100		
42	81.3	44.5	66.7#
101	9.2	7.4	11.2
130	20.7	15.3	22.9

Manual Integrations
APPROVED

Sohil
7/27/2018 2:05:07 PM



#20

3+4-Methylphenols

Concen: 42.896 ng

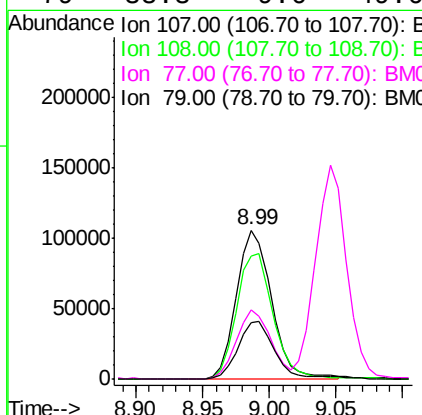
RT: 8.99 min Scan# 969

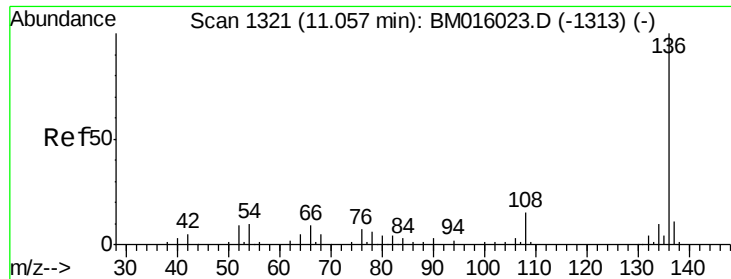
Delta R.T. -0.02 min

Lab File: BM016092.D

Acq: 27 Jul 2018 03:14

Tgt Ion:	107	Resp:	193405
Ion Ratio	Lower	Upper	
107	100		
108	82.5	73.2	113.2
77	46.8	10.7	50.7
79	38.3	9.6	49.6





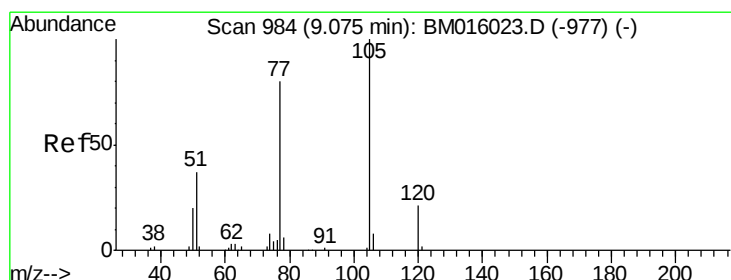
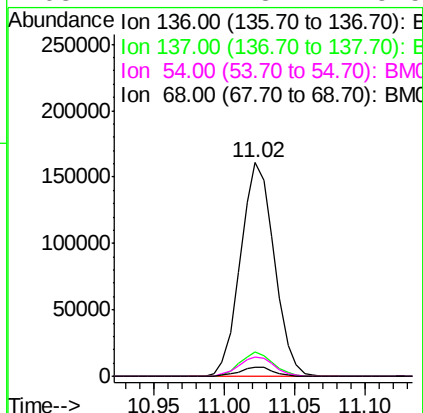
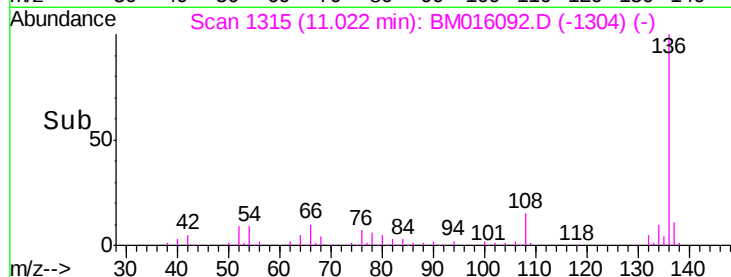
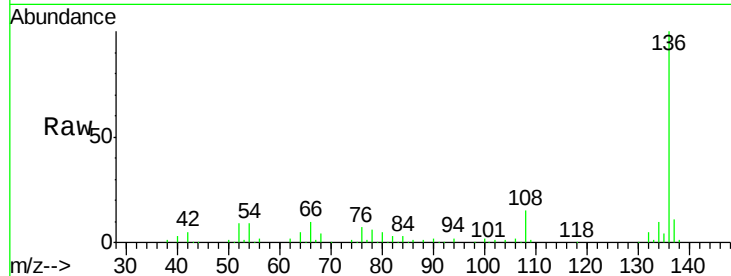
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.02 min Scan# 1315
Delta R.T. -0.04 min
Lab File: BM016092.D
Acq: 27 Jul 2018 03:14

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	268878		
137	11.2	8.7	13.1	
54	9.2	4.6	6.8	
68	4.1	3.7	5.5	

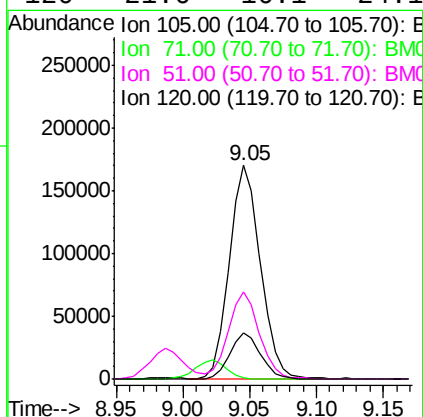
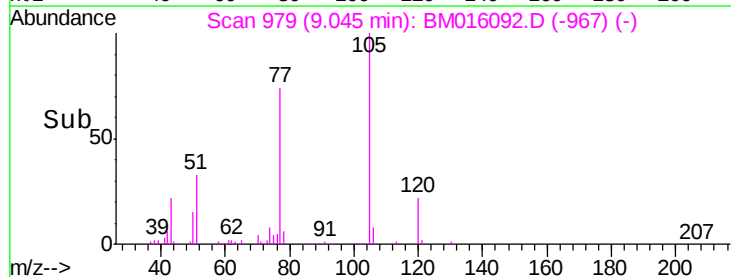
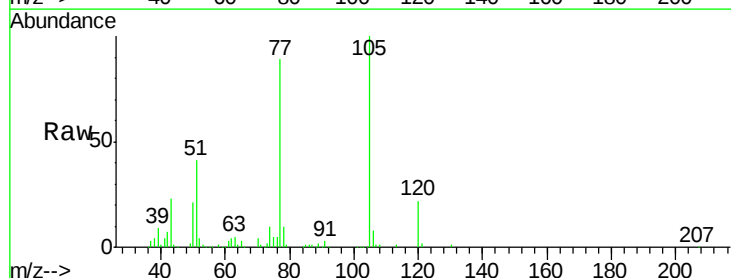
Manual Integrations
APPROVED

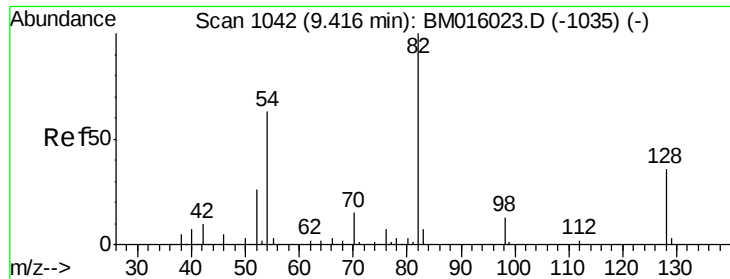
Sohil
7/27/2018 2:05:07 PM



#22
Acetophenone
Concen: 40.541 ng
RT: 9.05 min Scan# 979
Delta R.T. -0.03 min
Lab File: BM016092.D
Acq: 27 Jul 2018 03:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	274479		
71	0.7	0.6	1.0	
51	40.6	21.6	32.4	
120	21.6	16.1	24.1	





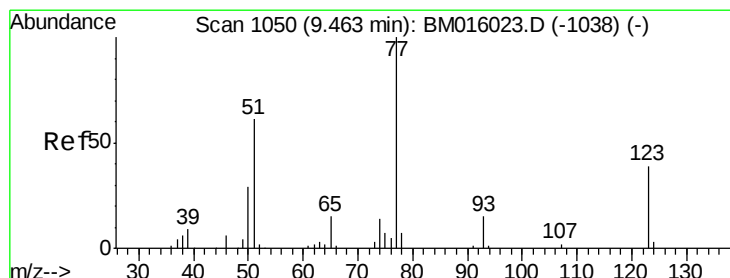
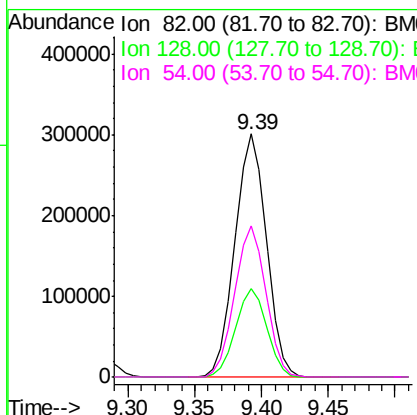
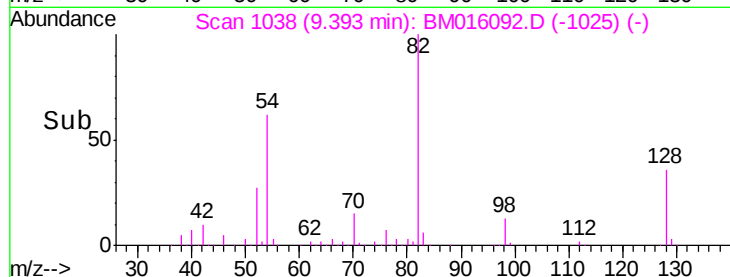
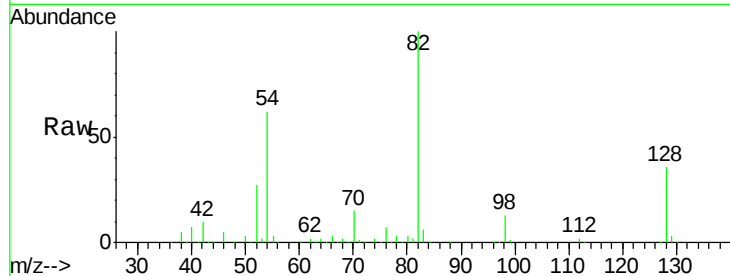
#23
 Nitrobenzene-d5
 Concen: 40.541 ng
 RT: 9.39 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BM016092.D
 Acq: 27 Jul 2018 03:14

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	82	Resp:	494521
Ion Ratio	Lower	Upper	
82	100		
128	36.3	32.8	49.2
54	62.1	40.6	60.8#

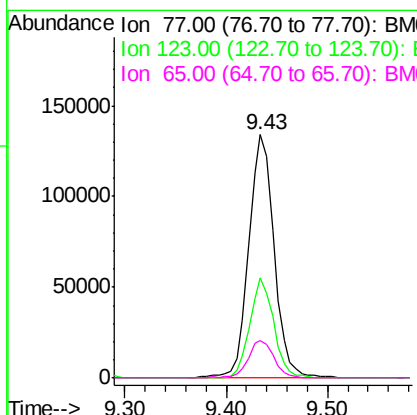
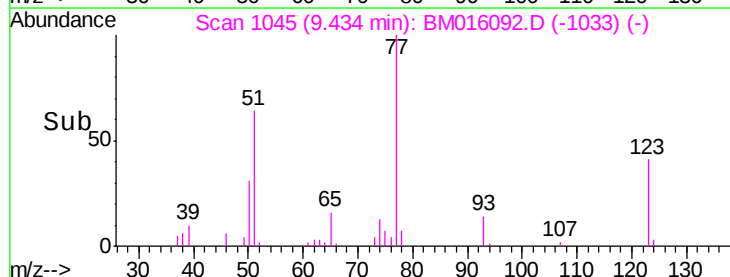
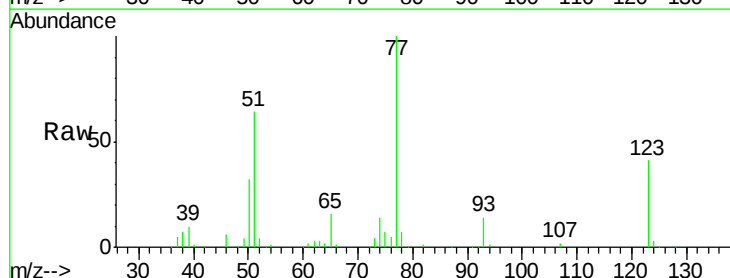
Manual Integrations
 APPROVED

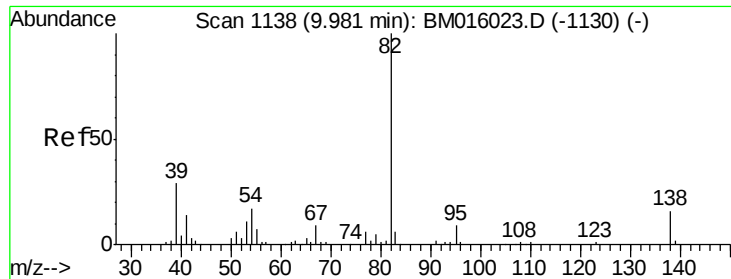
Sohil
 7/27/2018 2:05:07 PM



#24
 Nitrobenzene
 Concen: 40.256 ng
 RT: 9.43 min Scan# 1045
 Delta R.T. -0.03 min
 Lab File: BM016092.D
 Acq: 27 Jul 2018 03:14

Tgt Ion:	77	Resp:	234246
Ion Ratio	Lower	Upper	
77	100		
123	41.0	32.6	49.0
65	15.5	10.9	16.3





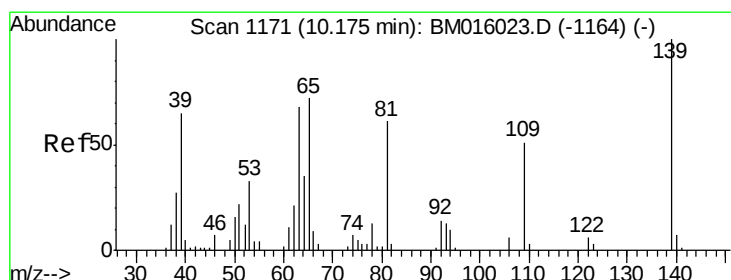
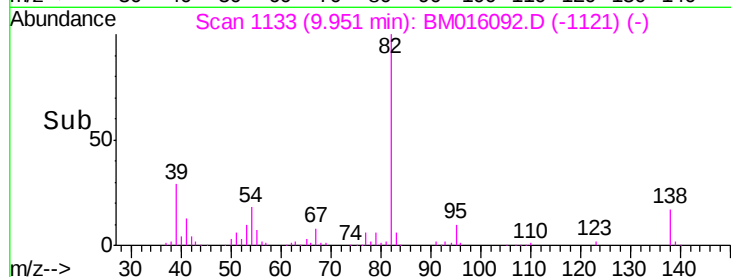
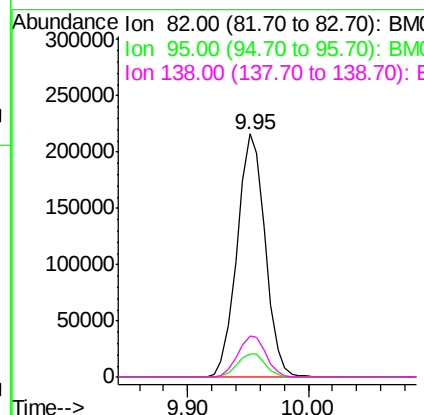
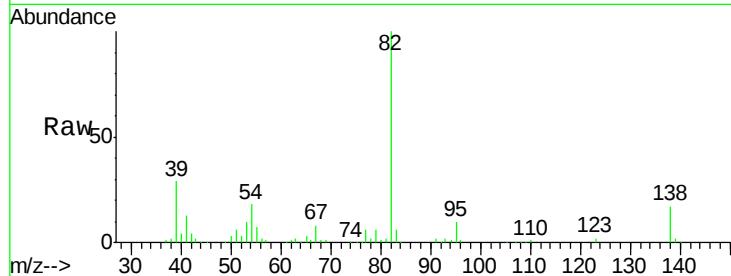
#25
Isophorone
Concen: 44.300 ng
RT: 9.95 min Scan# 1133
Delta R.T. -0.03 min
Lab File: BM016092.D
Acq: 27 Jul 2018 03:14

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	350296		
95	9.8	5.8	8.6#	
138	17.0	16.3	24.5	

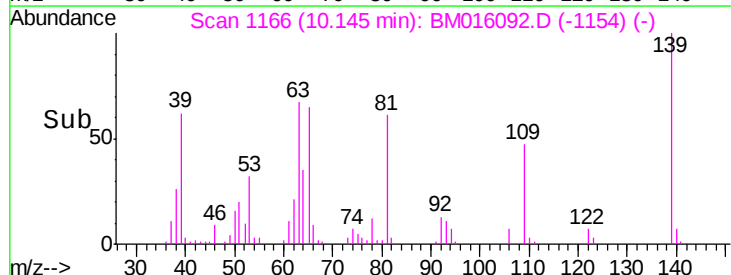
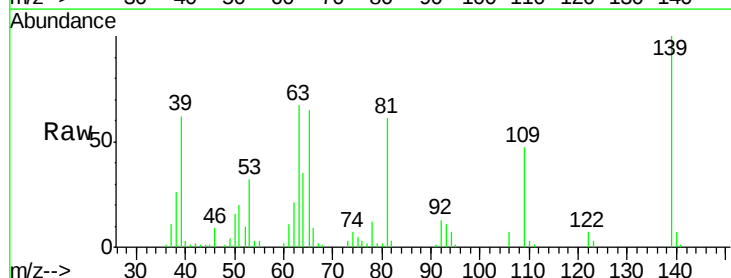
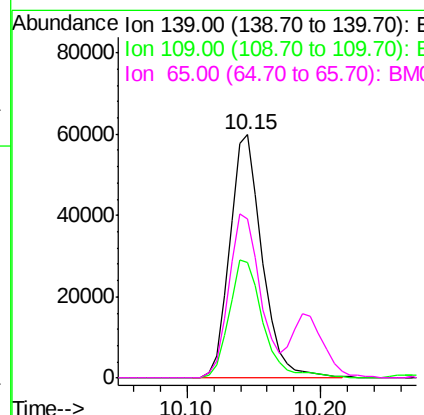
Manual Integrations
APPROVED

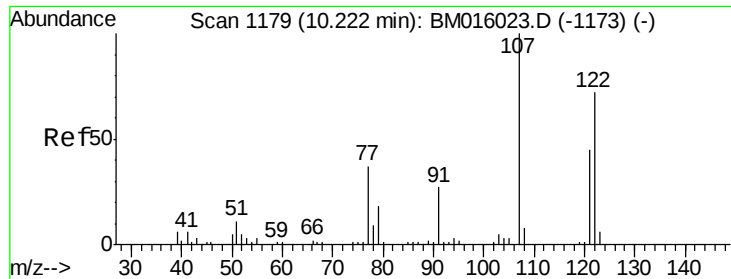
Sohil
7/27/2018 2:05:07 PM



#26
2-Nitrophenol
Concen: 41.960 ng
RT: 10.15 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BM016092.D
Acq: 27 Jul 2018 03:14

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	101924		
109	47.5	20.1	30.1#	
65	65.4	31.5	47.3#	





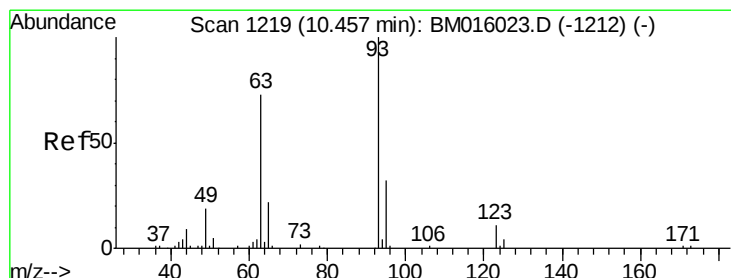
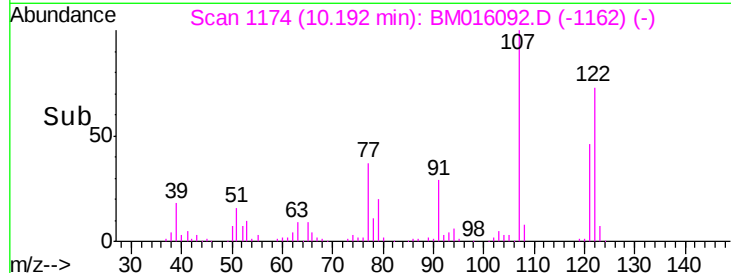
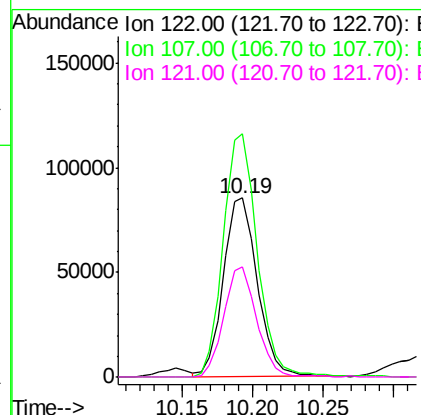
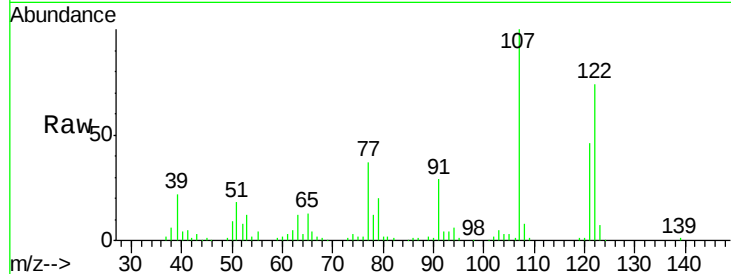
#27
 2,4-Dimethylphenol
 Concen: 42.118 ng
 RT: 10.19 min Scan# 1174
 Delta R.T. -0.03 min
 Lab File: BM016092.D
 Acq: 27 Jul 2018 03:14

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	142537		
107	135.9	84.7	127.1#	
121	61.9	46.6	69.8	

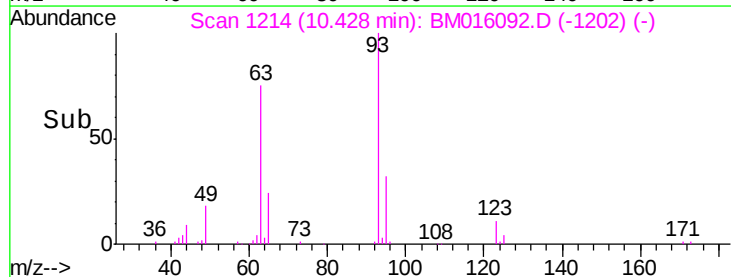
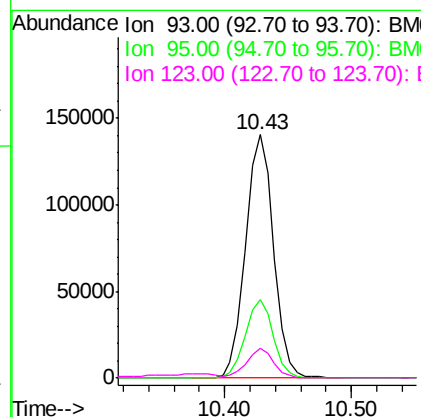
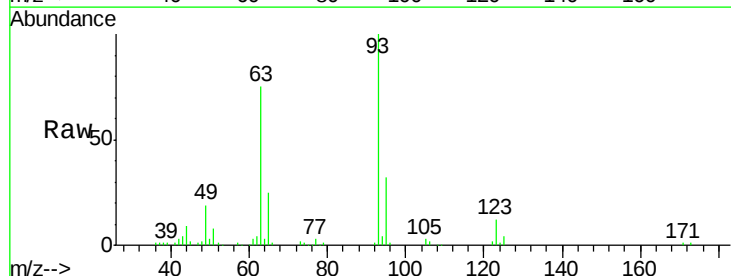
Manual Integrations
 APPROVED

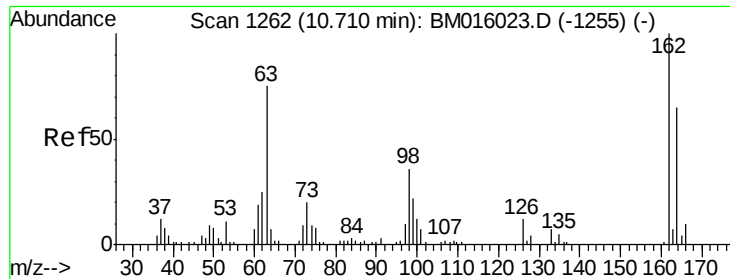
Sohil
 7/27/2018 2:05:07 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.859 ng
 RT: 10.43 min Scan# 1214
 Delta R.T. -0.03 min
 Lab File: BM016092.D
 Acq: 27 Jul 2018 03:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	215132		
95	32.3	25.5	38.3	
123	12.0	8.6	13.0	





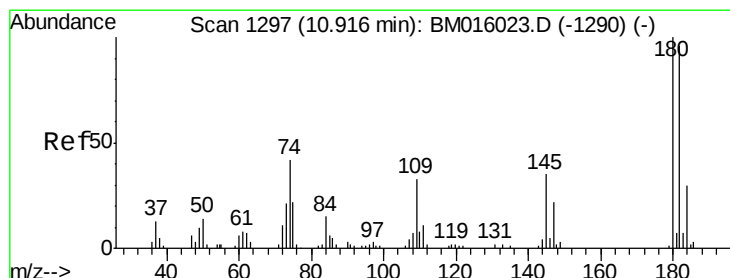
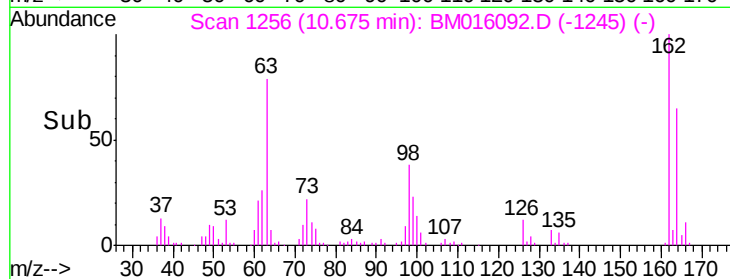
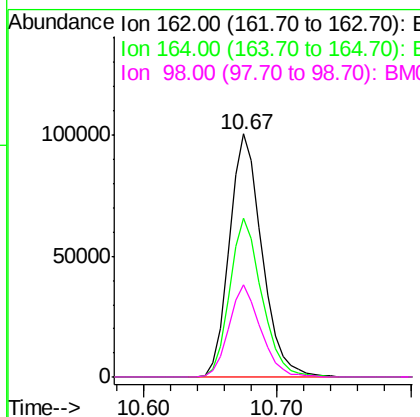
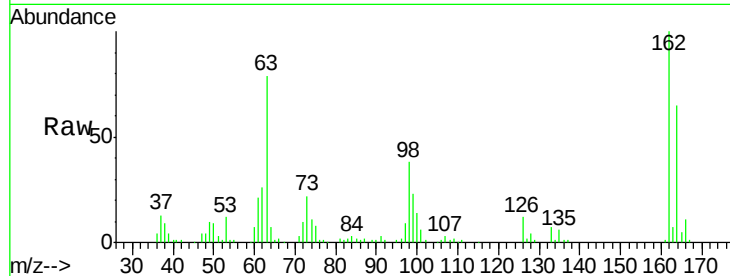
#29
 2,4-Dichlorophenol
 Concen: 42.663 ng
 RT: 10.67 min Scan# 1256
 Delta R.T. -0.04 min
 Lab File: BM016092.D
 Acq: 27 Jul 2018 03:14

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	171565		
164	65.4	42.8	82.8	
98	37.9	14.5	54.5	

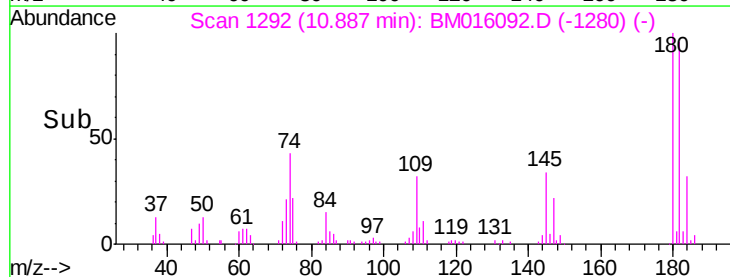
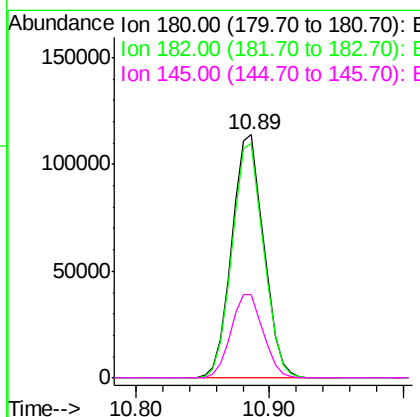
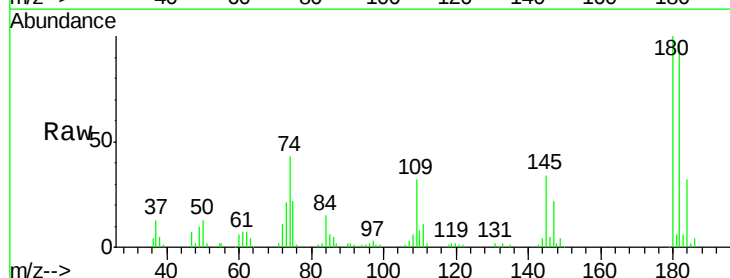
Manual Integrations
 APPROVED

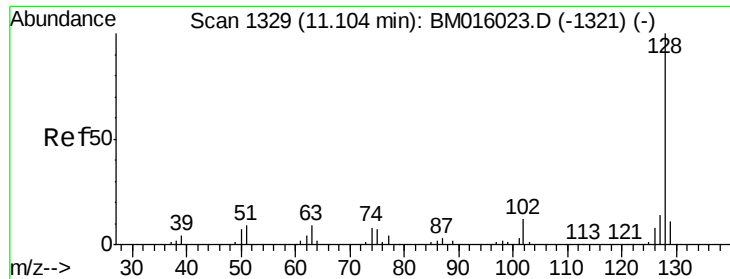
Sohil
 7/27/2018 2:05:07 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.924 ng
 RT: 10.89 min Scan# 1292
 Delta R.T. -0.03 min
 Lab File: BM016092.D
 Acq: 27 Jul 2018 03:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	190185		
182	96.5	77.6	116.4	
145	34.3	23.4	35.2	





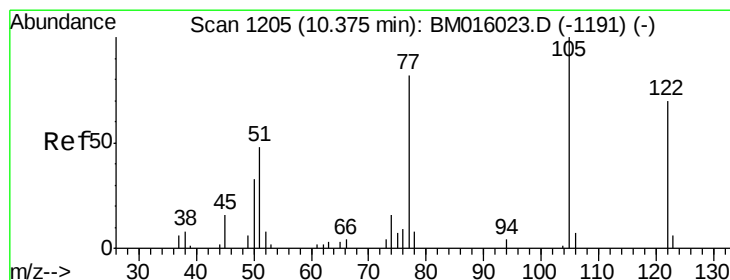
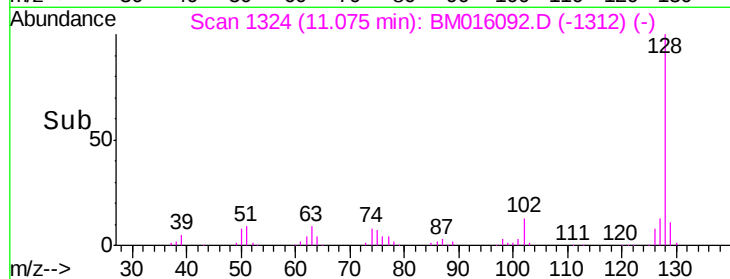
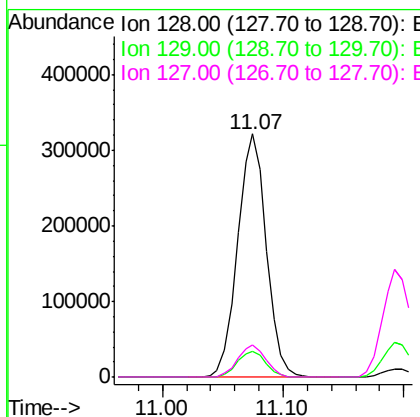
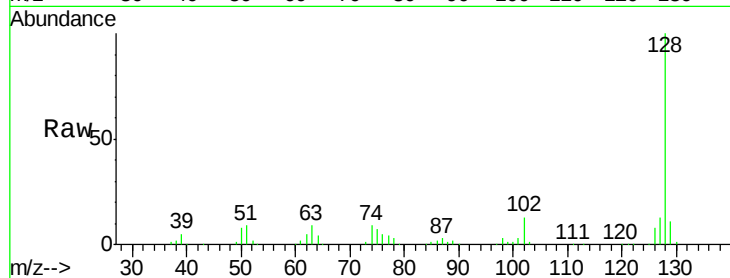
#31
Naphthalene
Concen: 39.180 ng
RT: 11.07 min Scan# 1324
Delta R.T. -0.03 min
Lab File: BM016092.D
Acq: 27 Jul 2018 03:14

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.9	13.3
127	13.3	10.4	15.6

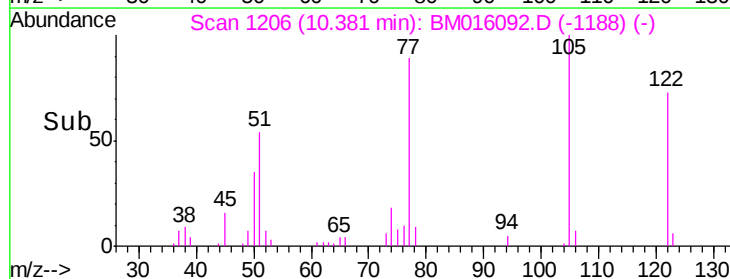
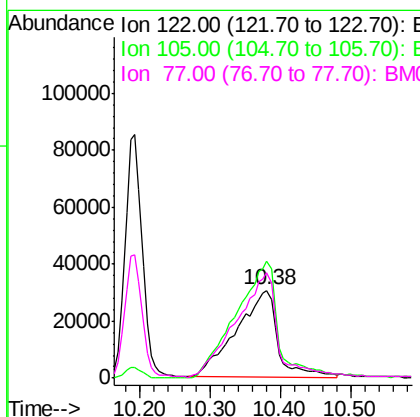
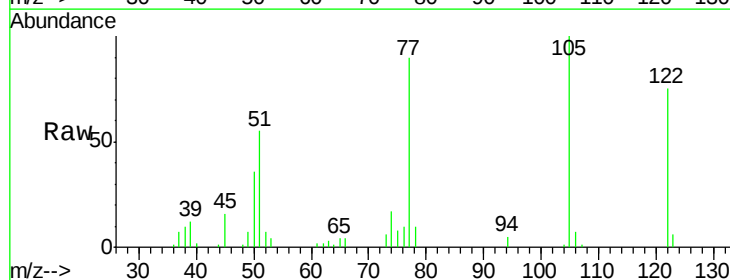
Manual Integrations
APPROVED

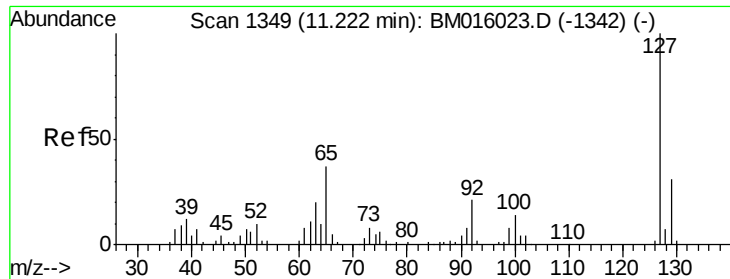
Sohil
7/27/2018 2:05:07 PM



#32
Benzoic acid
Concen: 48.992 ng m
RT: 10.38 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BM016092.D
Acq: 27 Jul 2018 03:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.8	99.9	139.9
77	120.5	73.7	113.7#





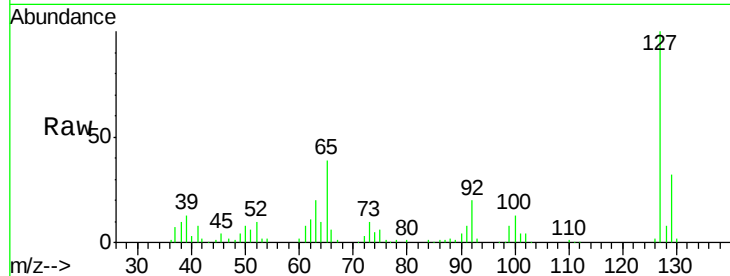
#33
4-Chloroaniline
Concen: 43.272 ng
RT: 11.19 min Scan# 1344
Delta R.T. -0.03 min
Lab File: BM016092.D
Acq: 27 Jul 2018 03:14

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.3	37.9
65	39.0	17.6	26.4
92	20.2	13.1	19.7

Manual Integrations
APPROVED

Sohil
7/27/2018 2:05:07 PM



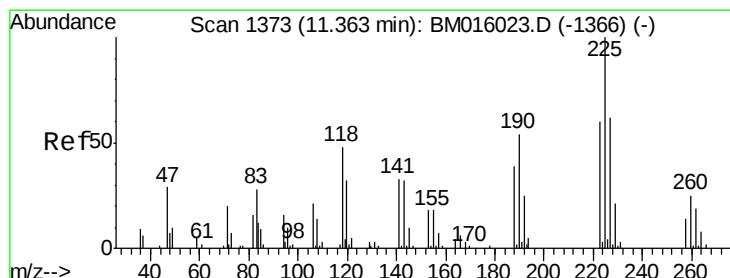
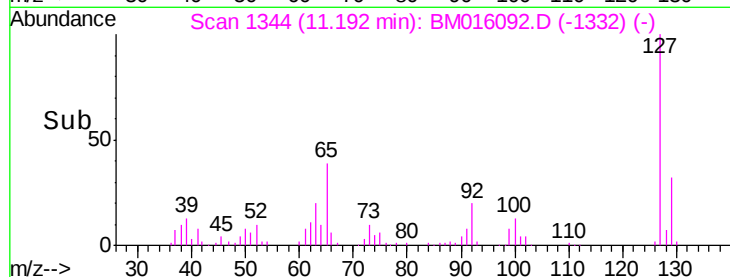
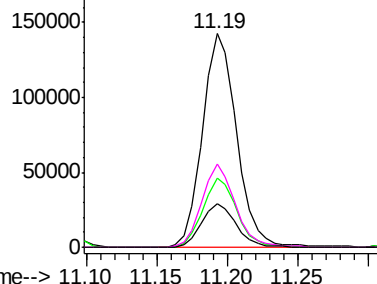
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 39.082 ng
RT: 11.33 min Scan# 1367
Delta R.T. -0.04 min
Lab File: BM016092.D
Acq: 27 Jul 2018 03:14

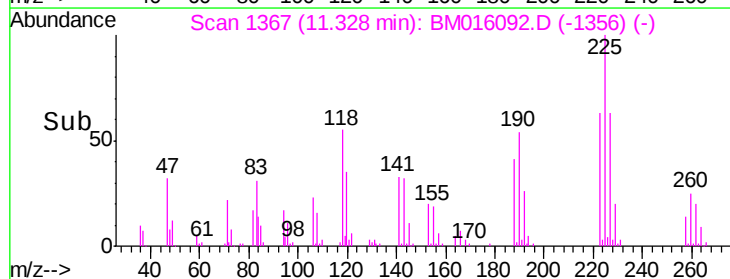
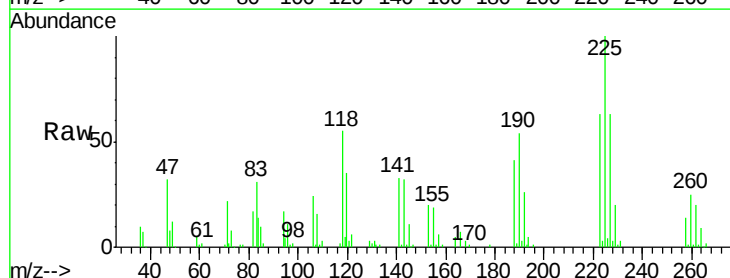
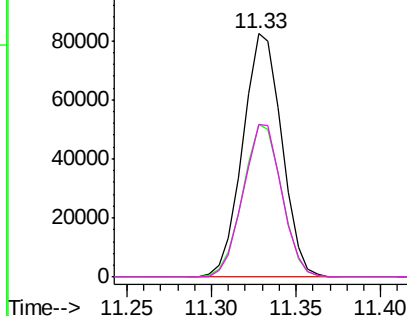
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	47.9	71.9
227	62.6	50.1	75.1

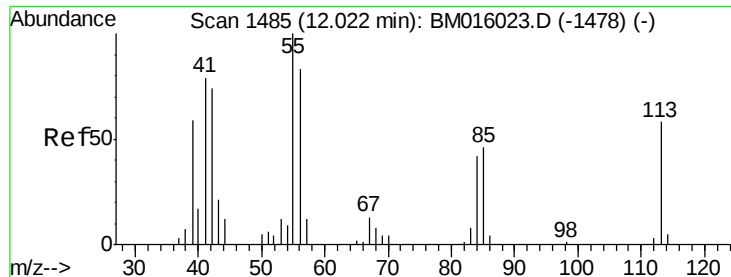
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 50.836 ng m

RT: 12.02 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BM016092.D

Acq: 27 Jul 2018 03:14

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tgt Ion:113 Resp: 56621

Ion Ratio Lower Upper

113 100

55 169.8 145.9 185.9

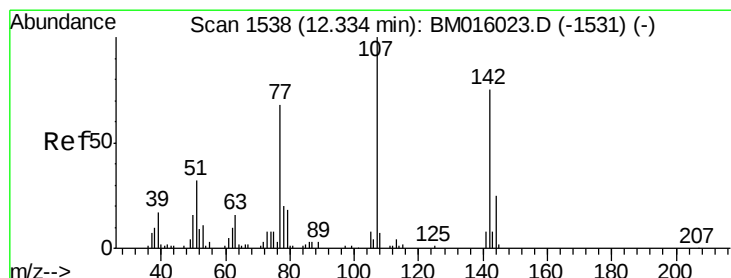
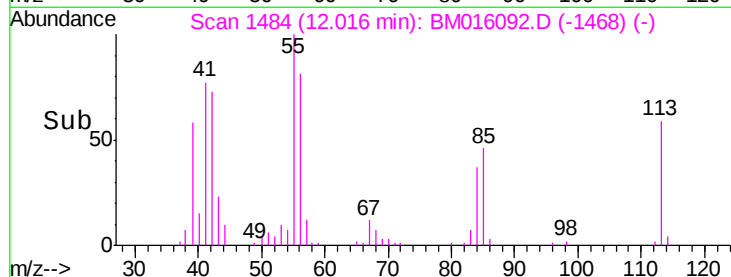
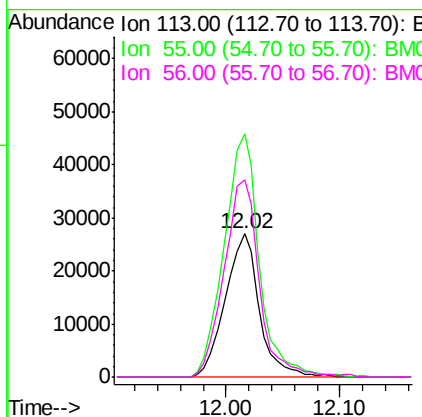
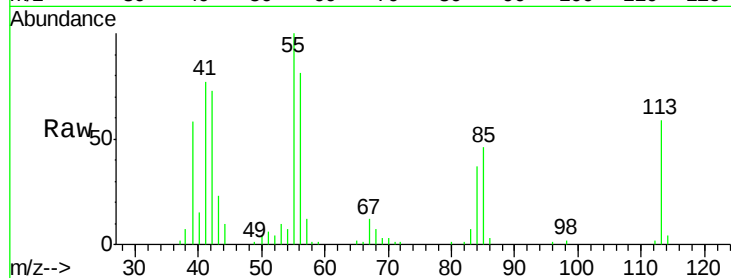
56 137.8 101.0 141.0

Manual Integrations

APPROVED

Sohil

7/27/2018 2:05:07 PM



#36

4-Chloro-3-methylphenol

Concen: 46.071 ng

RT: 12.30 min Scan# 1533

Delta R.T. -0.03 min

Lab File: BM016092.D

Acq: 27 Jul 2018 03:14

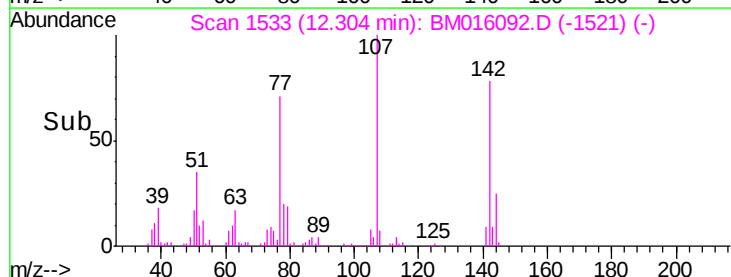
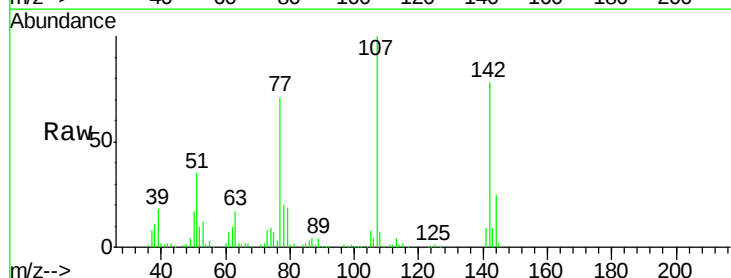
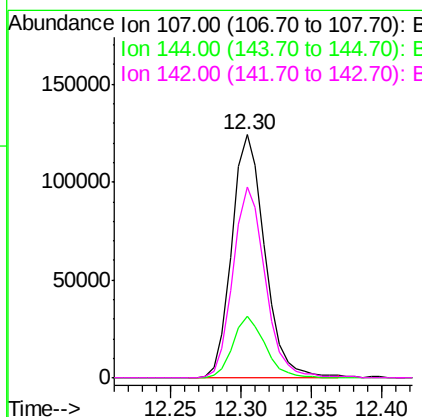
Tgt Ion:107 Resp: 203778

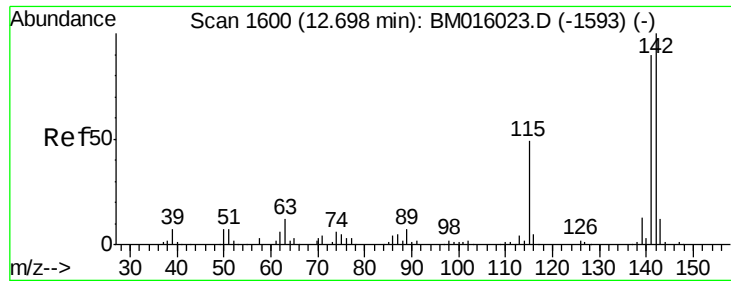
Ion Ratio Lower Upper

107 100

144 25.2 23.3 34.9

142 78.4 72.6 109.0





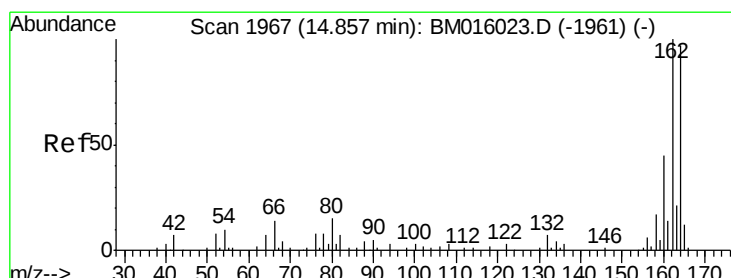
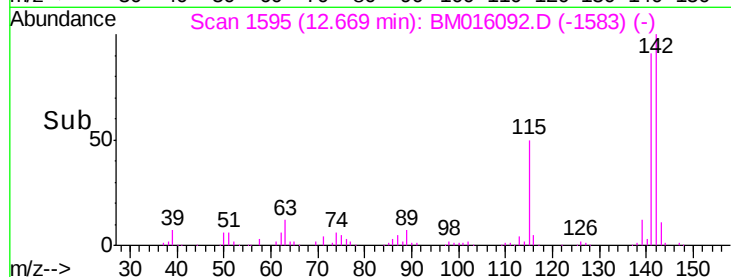
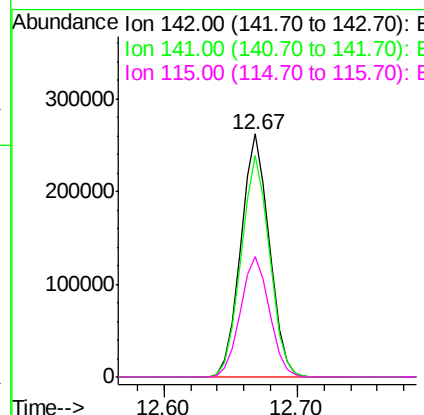
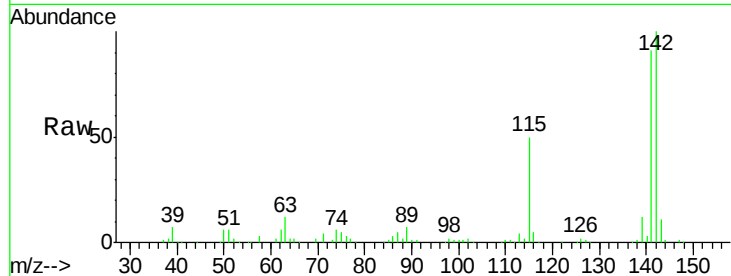
#37
 2-Methylnaphthalene
 Concen: 42.650 ng
 RT: 12.67 min Scan# 1595
 Delta R.T. -0.03 min
 Lab File: BM016092.D
 Acq: 27 Jul 2018 03:14

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	388793		
141	91.1	71.9	107.9	
115	49.7	25.4	38.0	

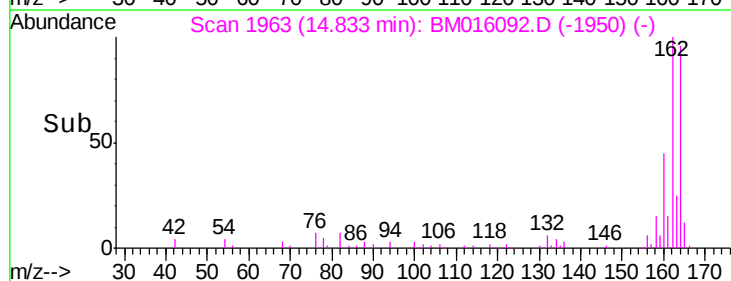
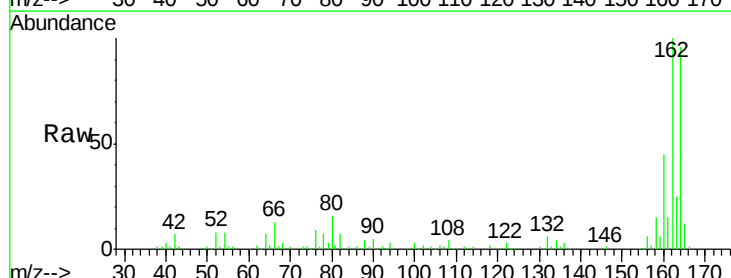
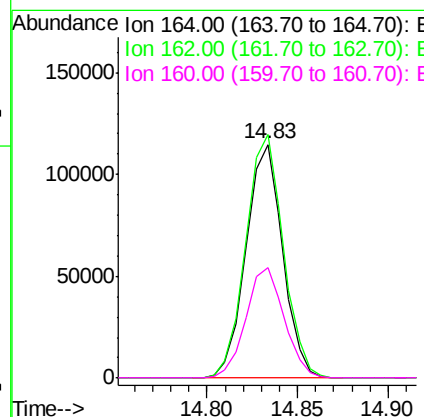
Manual Integrations
 APPROVED

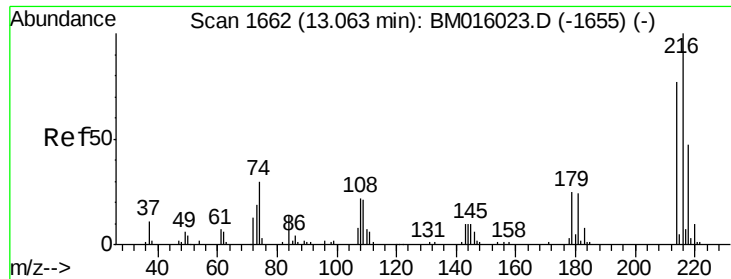
Sohil
 7/27/2018 2:05:07 PM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.83 min Scan# 1963
 Delta R.T. -0.02 min
 Lab File: BM016092.D
 Acq: 27 Jul 2018 03:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	161236		
162	104.1	82.4	123.6	
160	47.0	35.8	53.6	





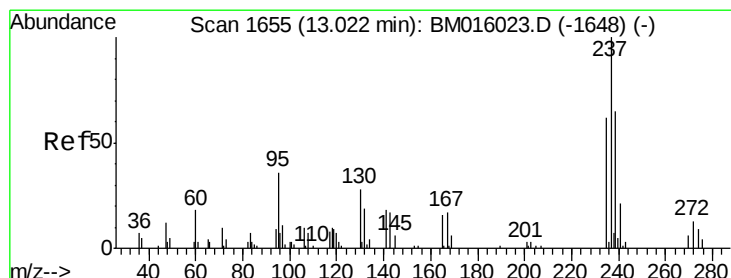
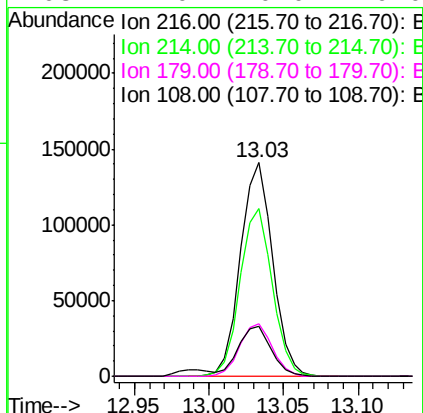
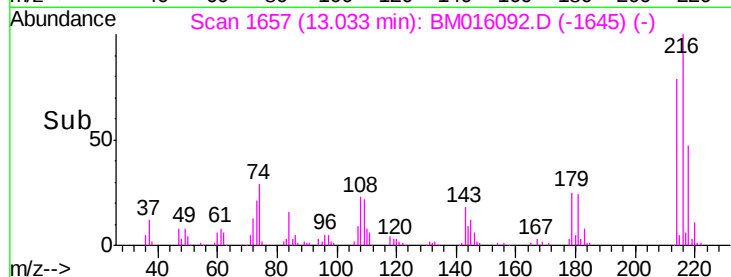
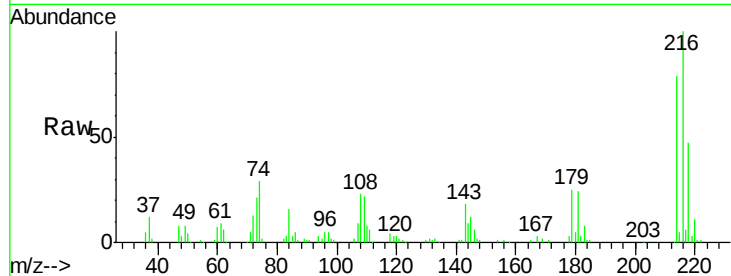
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.391 ng
 RT: 13.03 min Scan# 1657
 Delta R.T. -0.03 min
 Lab File: BM016092.D
 Acq: 27 Jul 2018 03:14

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	78.7	0.0	0.0#
179	24.8	0.0	0.0#
108	24.0	0.0	0.0#

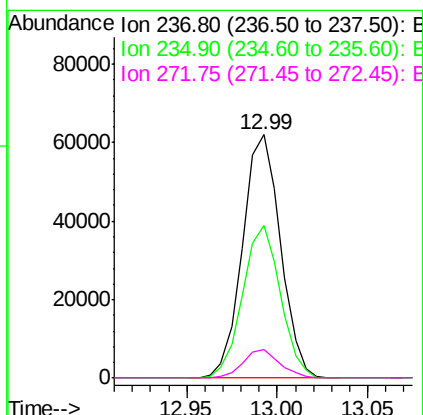
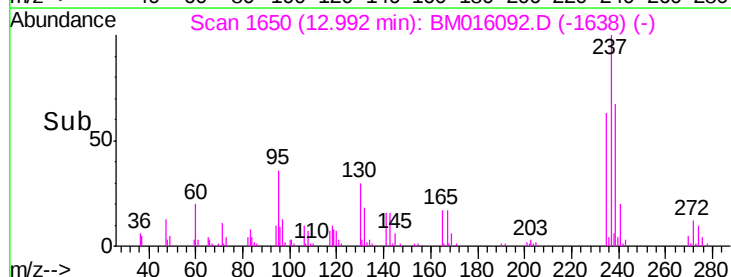
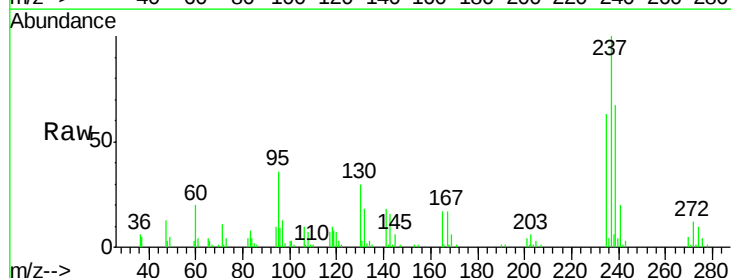
Manual Integrations
 APPROVED

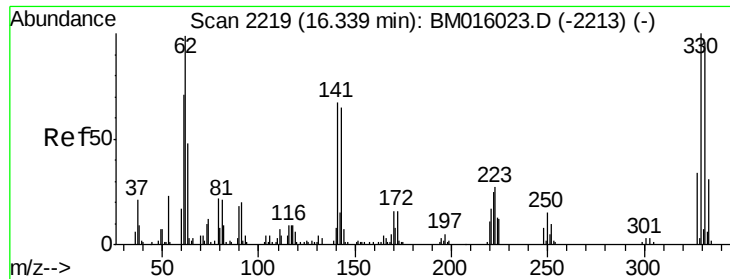
Sohil
 7/27/2018 2:05:07 PM



#40
 Hexachlorocyclopentadiene
 Concen: 37.998 ng
 RT: 12.99 min Scan# 1650
 Delta R.T. -0.03 min
 Lab File: BM016092.D
 Acq: 27 Jul 2018 03:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.9	42.0	82.0
272	11.6	0.0	33.4





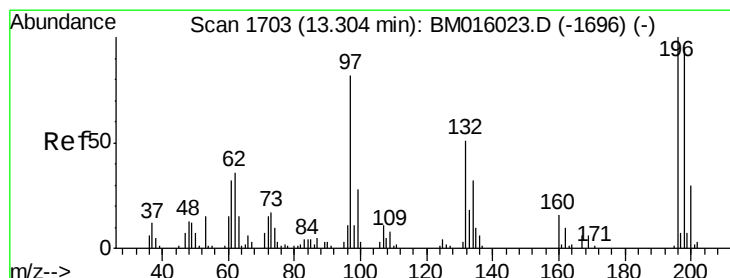
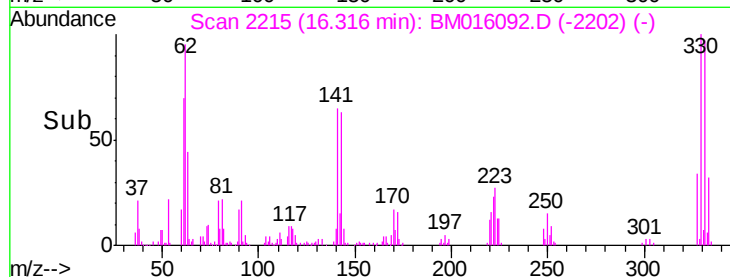
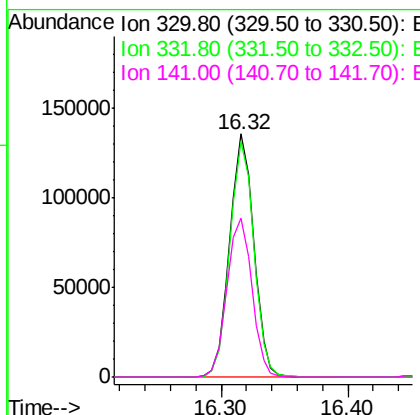
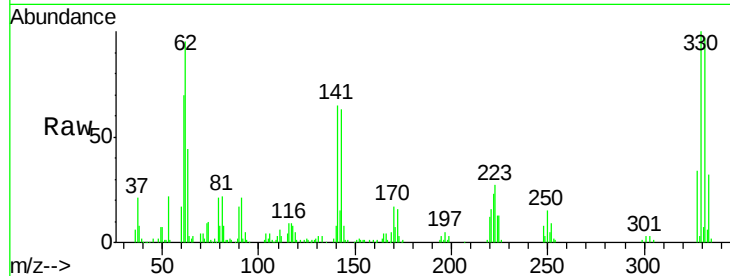
#41
 2,4,6-Tribromophenol
 Concen: 37.998 ng
 RT: 16.32 min Scan# 2215
 Delta R.T. -0.02 min
 Lab File: BM016092.D
 Acq: 27 Jul 2018 03:14

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	178407		
332	96.5	0.0	0.0	0.0
141	67.6	0.0	0.0	0.0

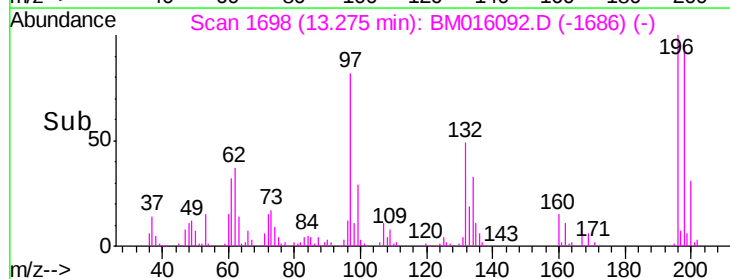
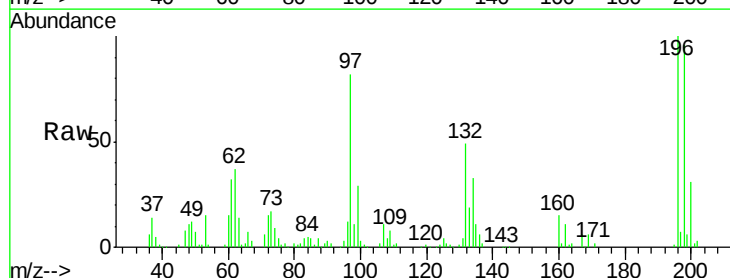
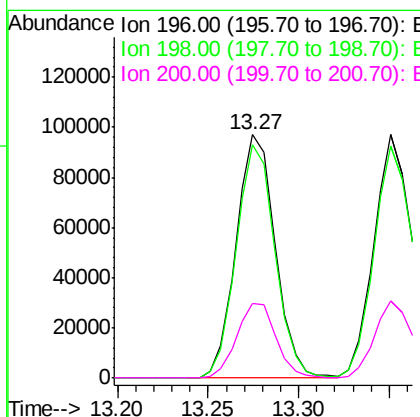
Manual Integrations
 APPROVED

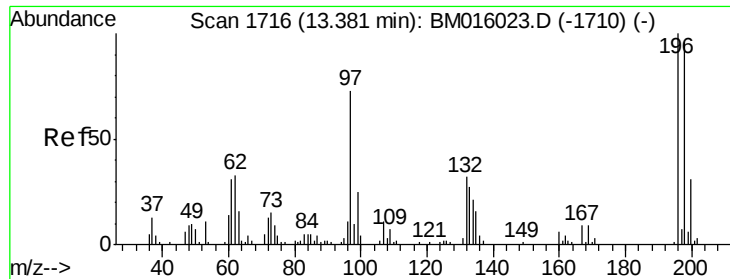
Sohil
 7/27/2018 2:05:07 PM



#42
 2,4,6-Trichlorophenol
 Concen: 42.514 ng
 RT: 13.27 min Scan# 1698
 Delta R.T. -0.03 min
 Lab File: BM016092.D
 Acq: 27 Jul 2018 03:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	146008		
198	96.0	76.3	114.5	
200	30.6	25.6	38.4	





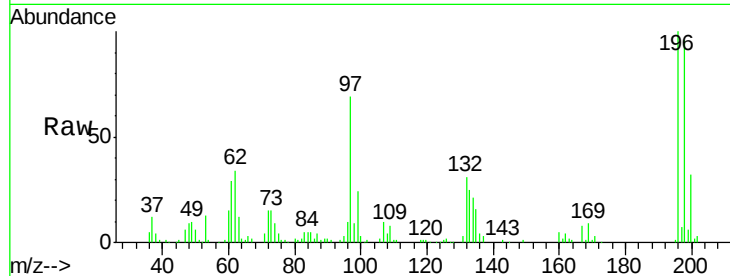
#43
 2,4,5-Trichlorophenol
 Concen: 42.002 ng
 RT: 13.35 min Scan# 1711
 Delta R.T. -0.03 min
 Lab File: BM016092.D
 Acq: 27 Jul 2018 03:14

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	148793		
198	95.5	79.4	119.0	
97	69.4	26.8	40.2#	
132	30.8	18.6	28.0#	

Manual Integrations
 APPROVED

Sohil
 7/27/2018 2:05:07 PM



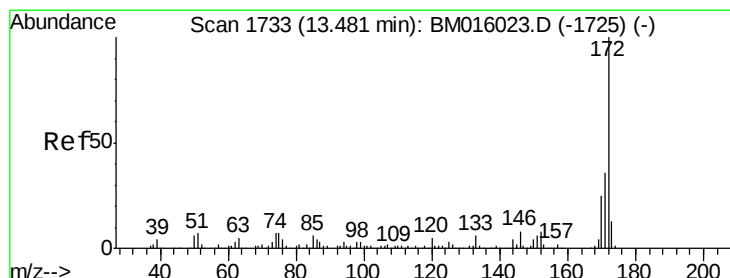
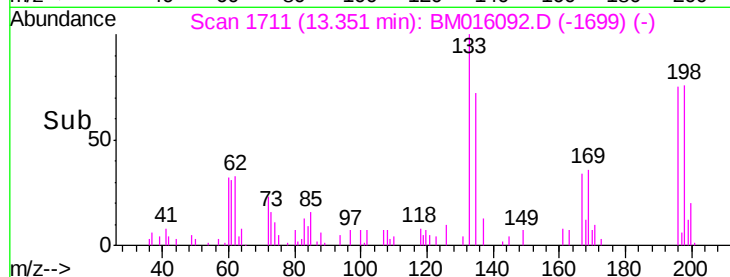
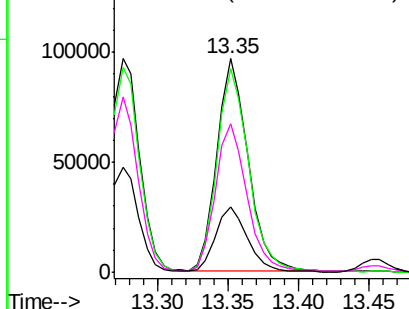
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

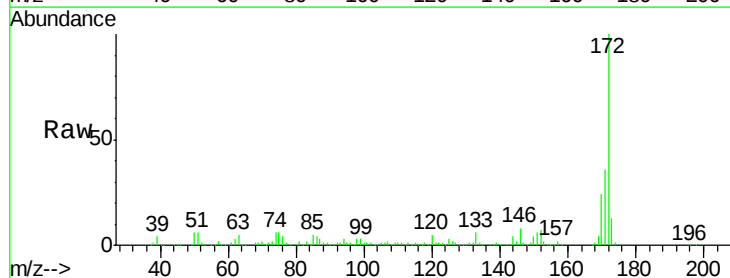
Ion 97.00 (96.70 to 97.70): BM

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 42.002 ng
 RT: 13.46 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BM016092.D
 Acq: 27 Jul 2018 03:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1100331		
171	35.9	28.5	42.7	
170	24.4	18.8	28.2	

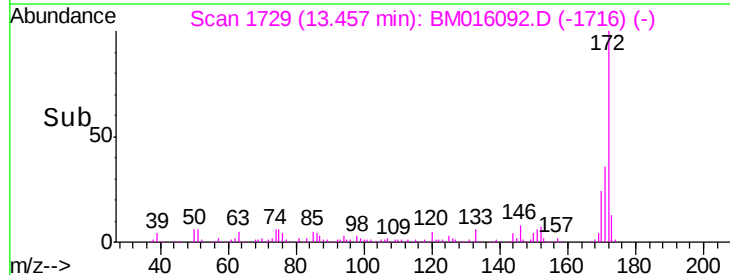
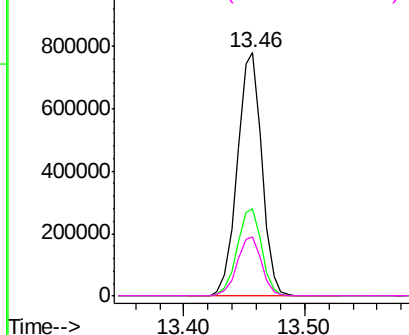


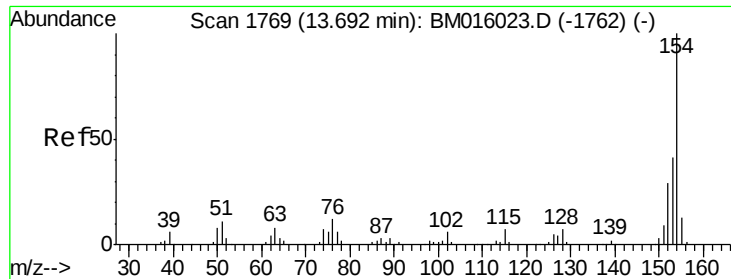
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





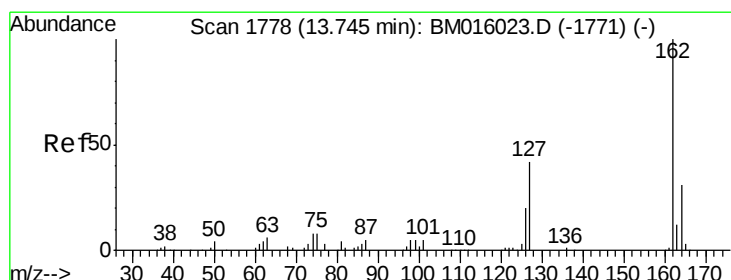
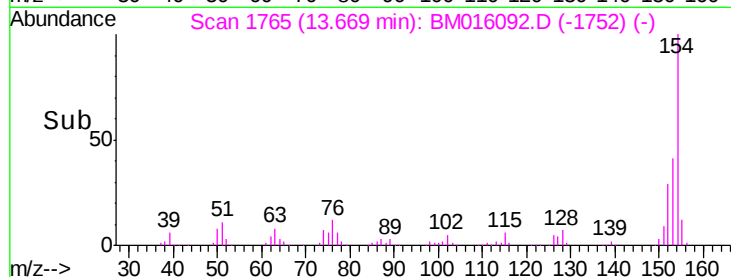
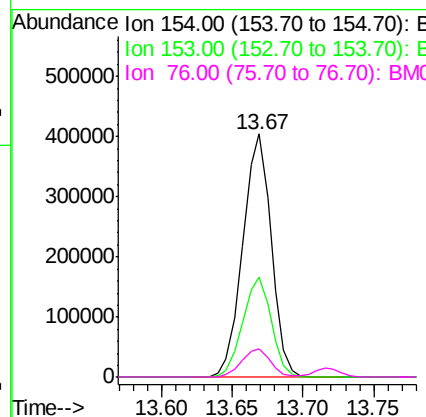
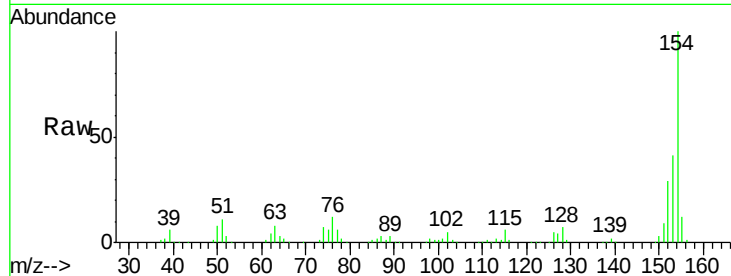
#45
 1,1'-Biphenyl
 Concen: 39.290 ng
 RT: 13.67 min Scan# 1765
 Delta R.T. -0.02 min
 Lab File: BM016092.D
 Acq: 27 Jul 2018 03:14

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.7	60.7
76	11.7	0.0	30.9

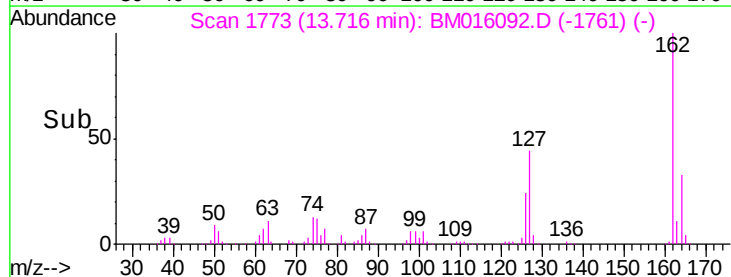
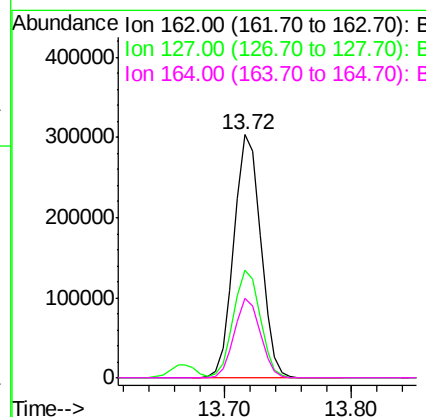
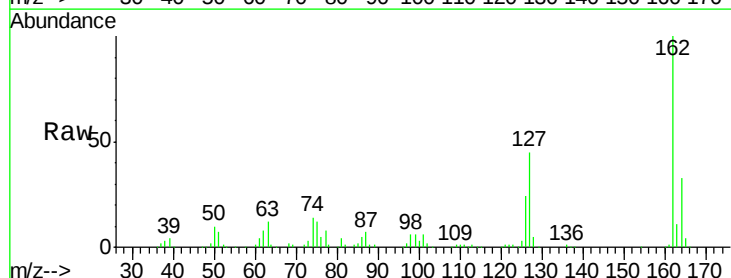
Manual Integrations
 APPROVED

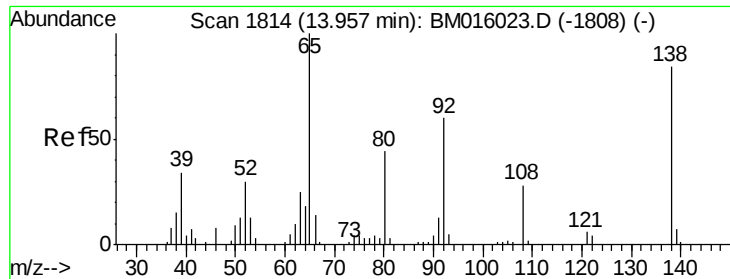
Sohil
 7/27/2018 2:05:07 PM



#46
 2-Chloronaphthalene
 Concen: 39.244 ng
 RT: 13.72 min Scan# 1773
 Delta R.T. -0.03 min
 Lab File: BM016092.D
 Acq: 27 Jul 2018 03:14

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.6	26.9	40.3#
164	32.8	26.8	40.2





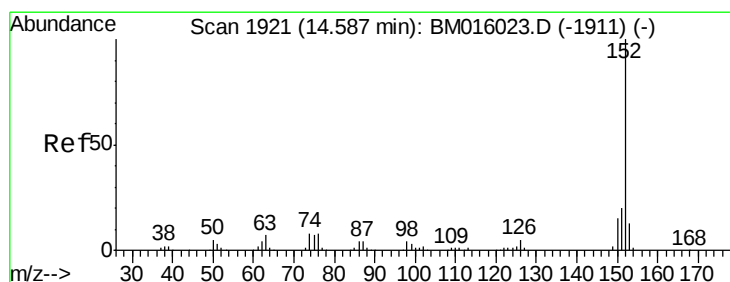
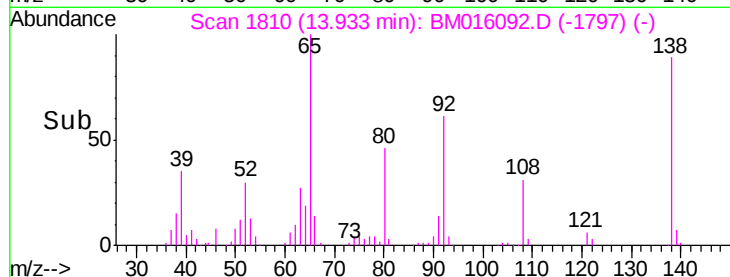
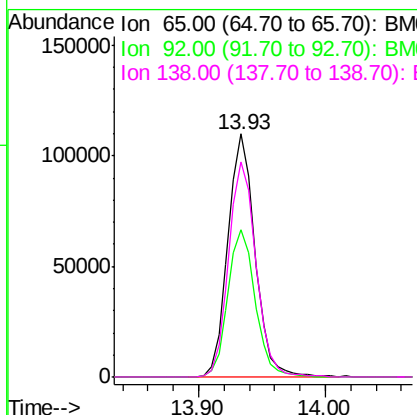
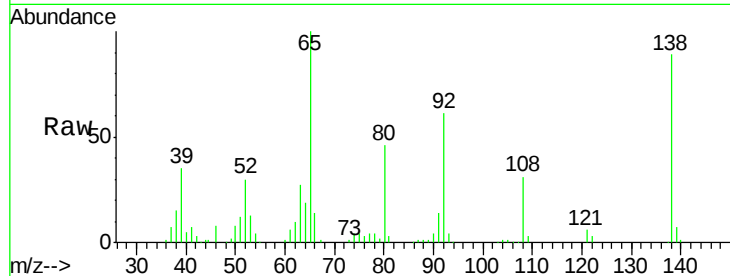
#47
2-Nitroaniline
Concen: 43.511 ng
RT: 13.93 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BM016092.D
Acq: 27 Jul 2018 03:14

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.9	59.1	88.7
138	88.7	93.9	140.9#

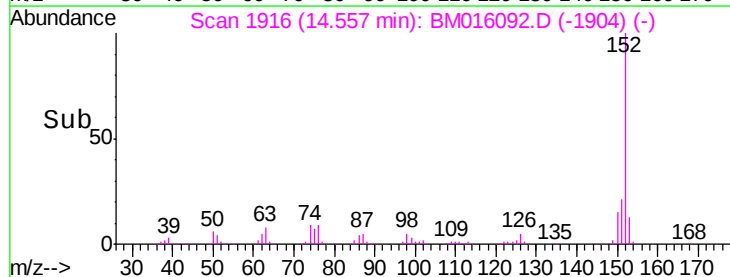
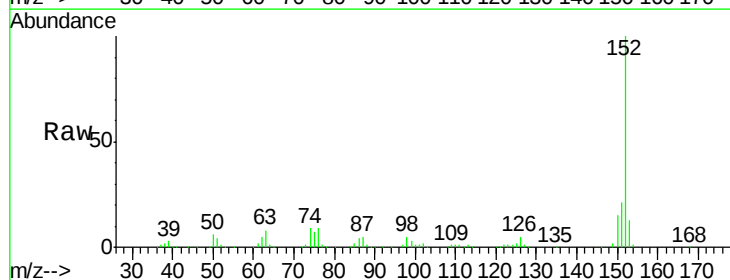
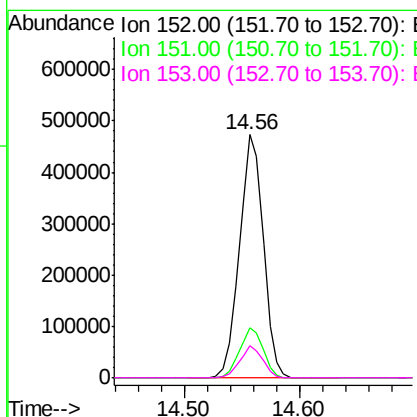
Manual Integrations
APPROVED

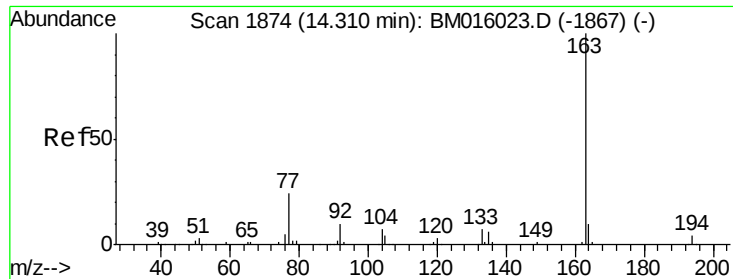
Sohil
7/27/2018 2:05:07 PM



#48
Acenaphthylene
Concen: 40.877 ng
RT: 14.56 min Scan# 1916
Delta R.T. -0.03 min
Lab File: BM016092.D
Acq: 27 Jul 2018 03:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.9	23.9
153	13.2	10.6	16.0





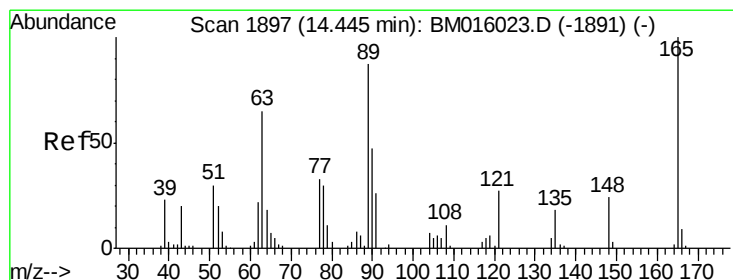
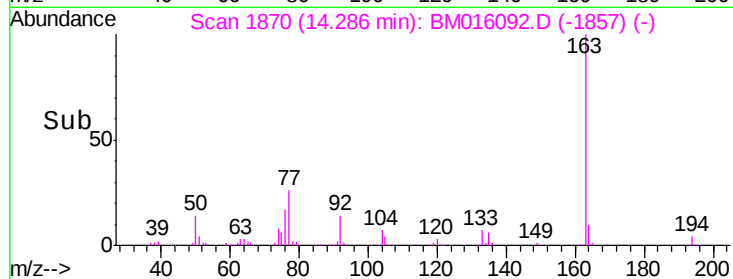
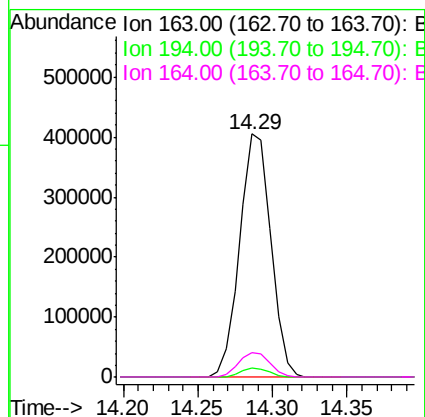
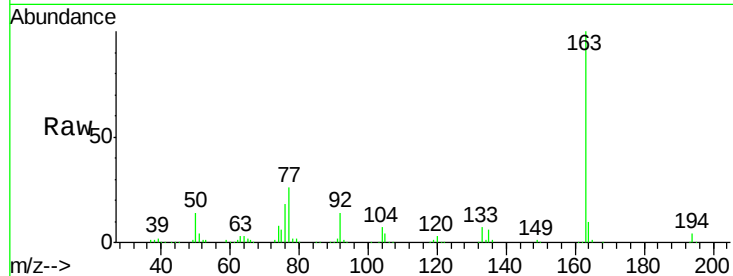
#49
Dimethylphthalate
Concen: 41.762 ng
RT: 14.29 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BM016092.D
Acq: 27 Jul 2018 03:14

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	589289		
194	3.7		2.7	4.1
164	10.2		8.2	12.2

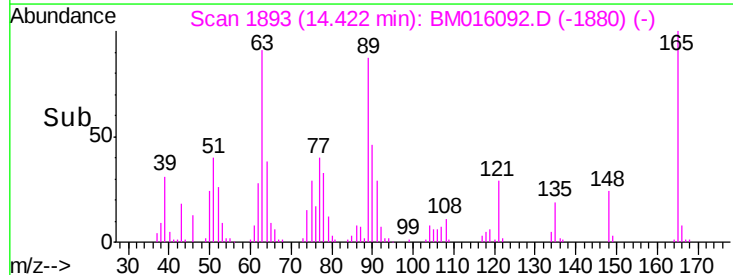
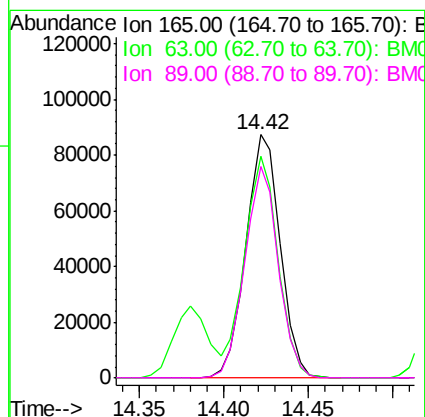
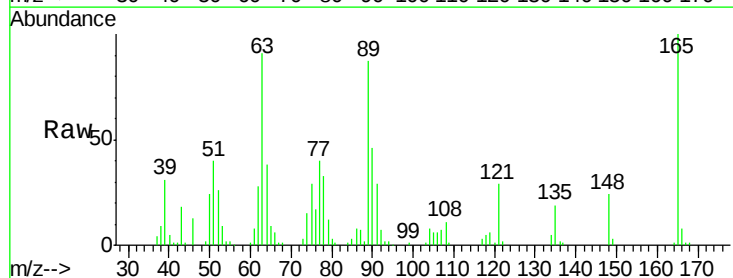
Manual Integrations
APPROVED

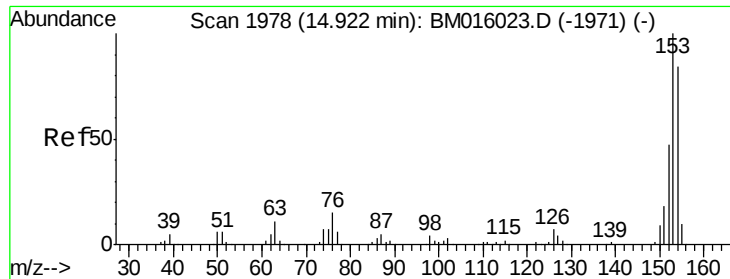
Sohil
7/27/2018 2:05:07 PM



#50
2,6-Dinitrotoluene
Concen: 43.622 ng
RT: 14.42 min Scan# 1893
Delta R.T. -0.02 min
Lab File: BM016092.D
Acq: 27 Jul 2018 03:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	123847		
63	91.1		44.1	66.1#
89	87.0		44.3	66.5#





#51

Acenaphthene

Concen: 40.316 ng

RT: 14.90 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BM016092.D

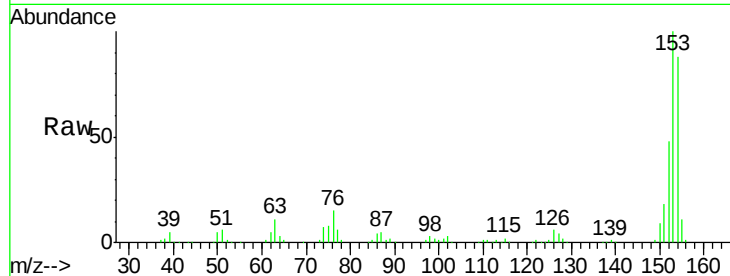
Acq: 27 Jul 2018 03:14

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC



Tgt Ion:154 Resp: 410809

Ion Ratio Lower Upper

154 100

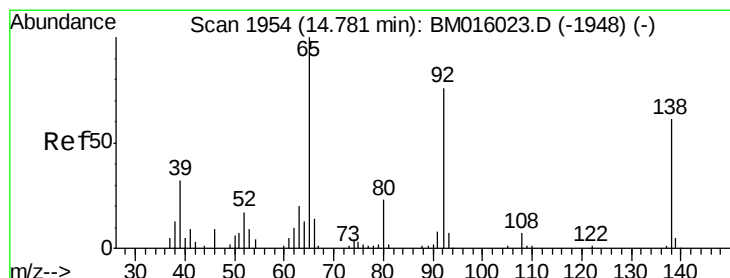
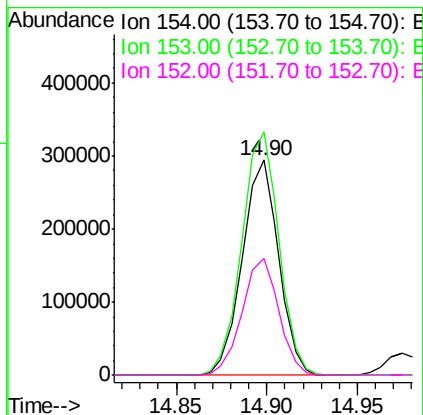
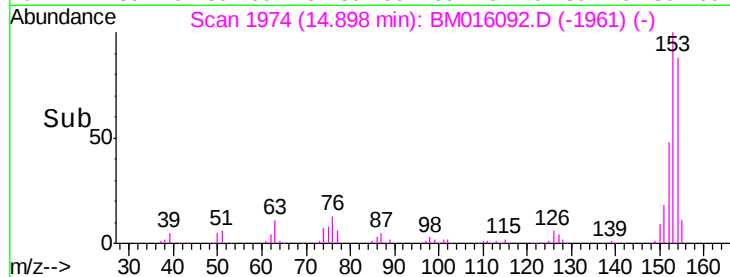
153 113.3 90.0 135.0

152 54.6 42.6 63.8

Manual Integrations
APPROVED

Sohil

7/27/2018 2:05:07 PM



#52

3-Nitroaniline

Concen: 43.368 ng

RT: 14.76 min Scan# 1950

Delta R.T. -0.02 min

Lab File: BM016092.D

Acq: 27 Jul 2018 03:14

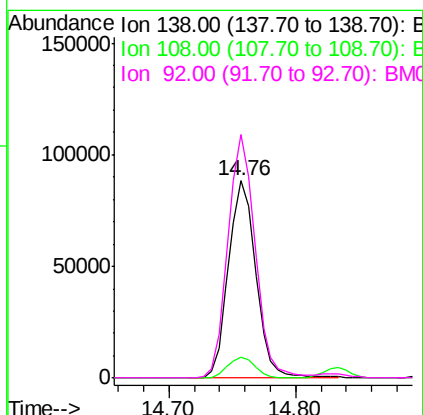
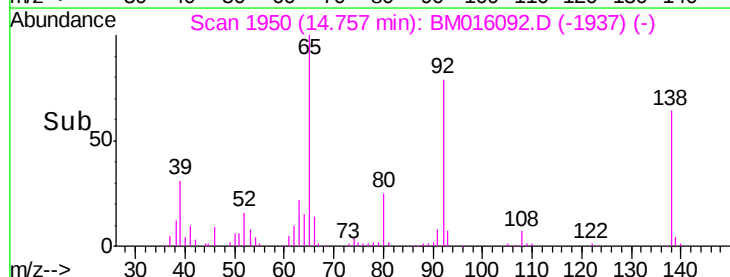
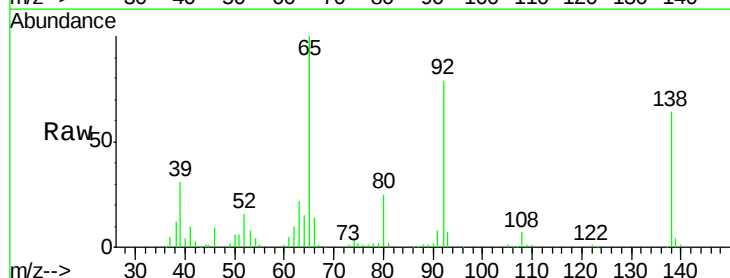
Tgt Ion:138 Resp: 132990

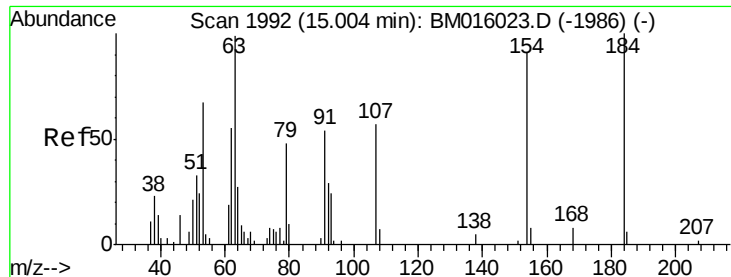
Ion Ratio Lower Upper

138 100

108 10.4 7.3 10.9

92 123.5 76.6 114.8#





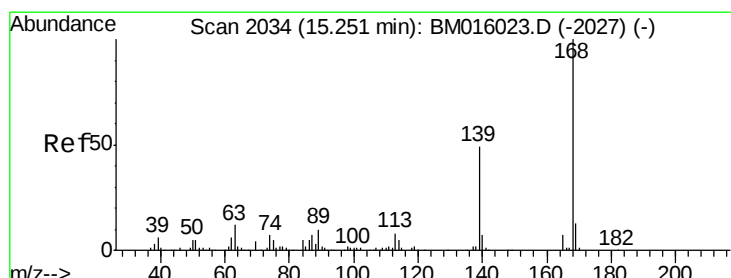
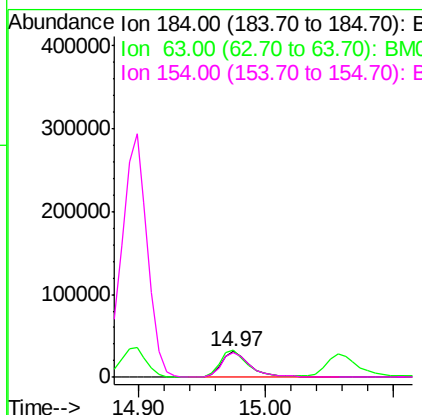
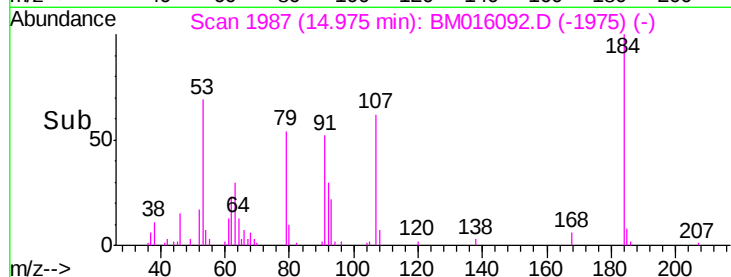
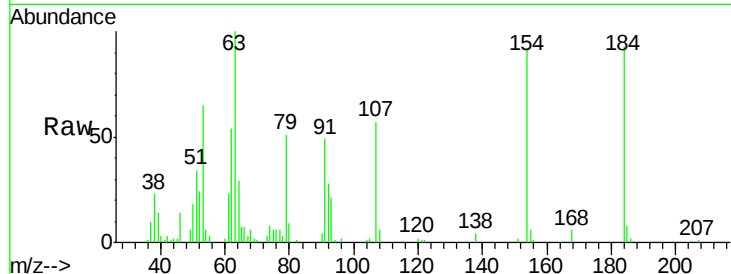
#53
2,4-Dinitrophenol
Concen: 43.966 ng
RT: 14.97 min Scan# 1987
Delta R.T. -0.03 min
Lab File: BM016092.D
Acq: 27 Jul 2018 03:14

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	49961		
63	107.6	69.2	103.8#	
154	99.5	53.3	79.9#	

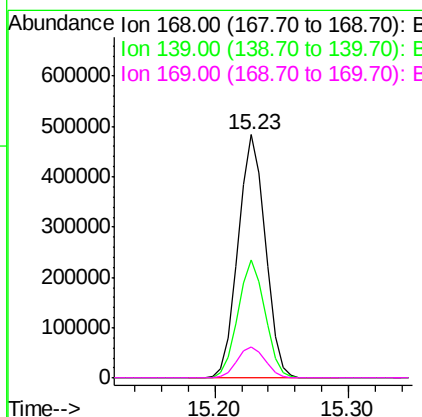
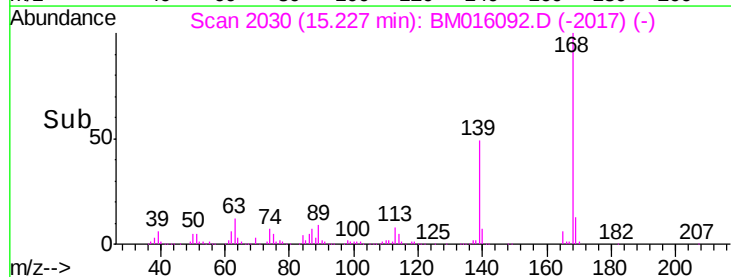
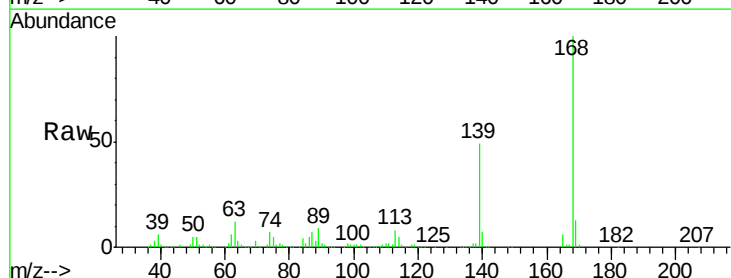
Manual Integrations
APPROVED

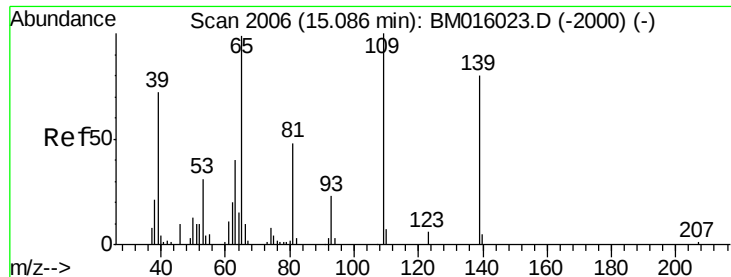
Sohil
7/27/2018 2:05:07 PM



#54
Dibenzofuran
Concen: 40.704 ng
RT: 15.23 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BM016092.D
Acq: 27 Jul 2018 03:14

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	683478		
139	48.8	27.3	40.9#	
169	12.8	10.6	16.0	





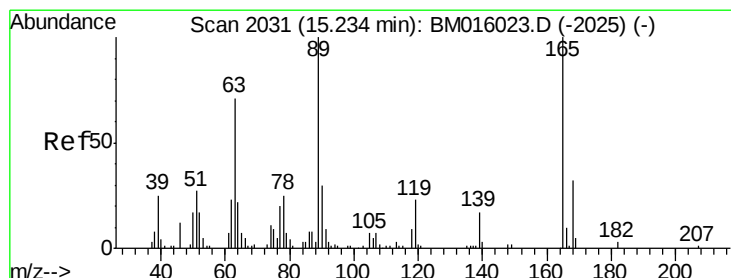
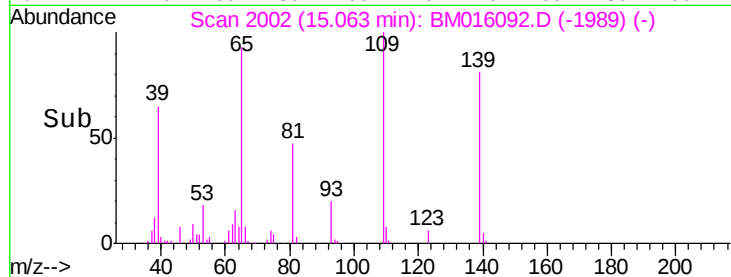
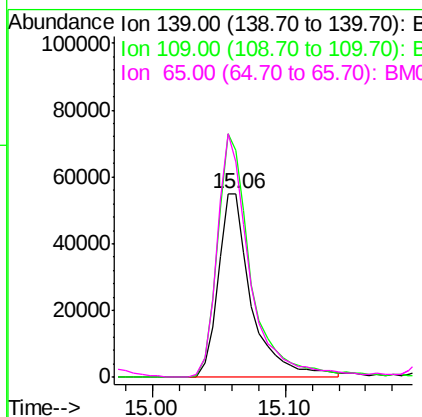
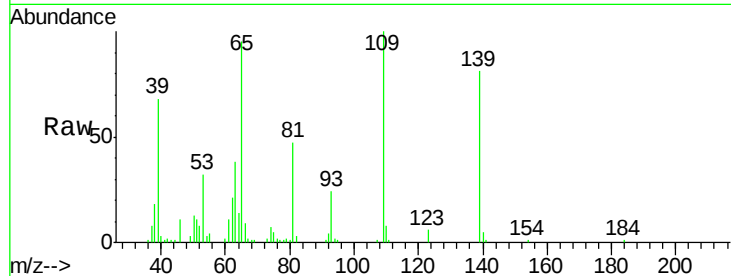
#55
4-Nitrophenol
Concen: 43.860 ng
RT: 15.06 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BM016092.D
Acq: 27 Jul 2018 03:14

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	96419		
109	123.8	130.0	170.0#	
65	117.4	130.0	170.0#	

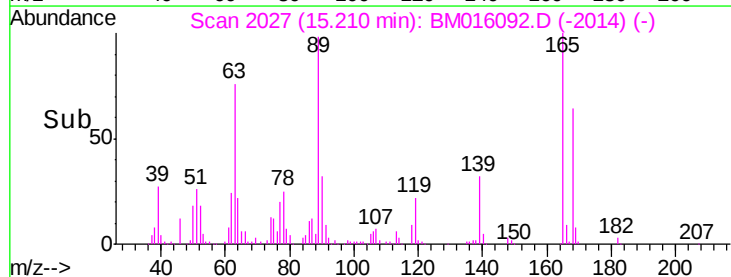
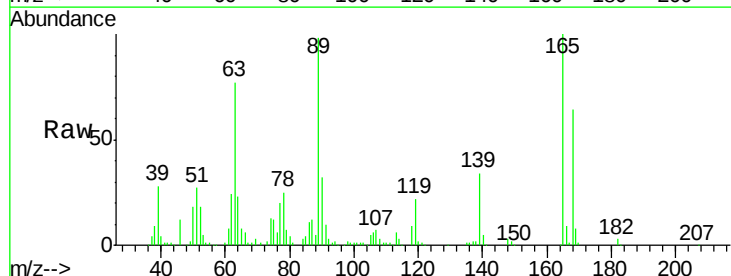
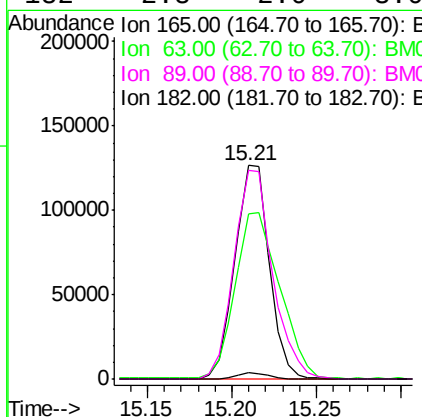
Manual Integrations
APPROVED

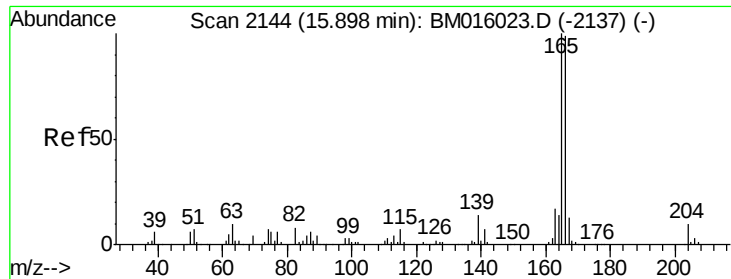
Sohil
7/27/2018 2:05:07 PM



#56
2,4-Dinitrotoluene
Concen: 44.335 ng
RT: 15.21 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BM016092.D
Acq: 27 Jul 2018 03:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	179979		
63	77.1	52.4	78.6	
89	97.5	72.4	108.6	
182	2.8	2.0	3.0	





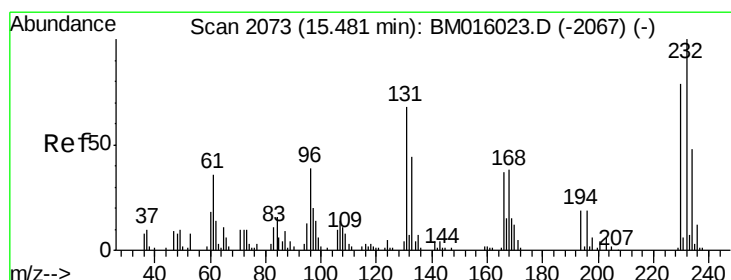
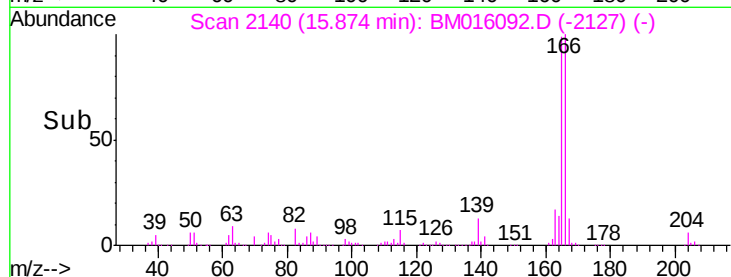
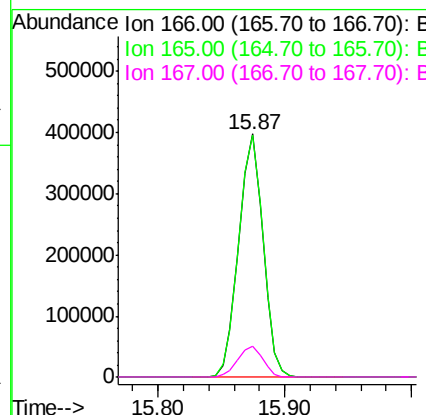
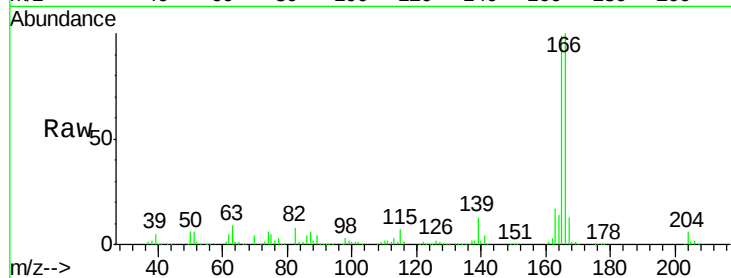
#57
 Fluorene
 Concen: 42.384 ng
 RT: 15.87 min Scan# 2140
 Delta R.T. -0.02 min
 Lab File: BM016092.D
 Acq: 27 Jul 2018 03:14

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	528861		
165	99.4	79.0	118.4	
167	12.6	10.3	15.5	

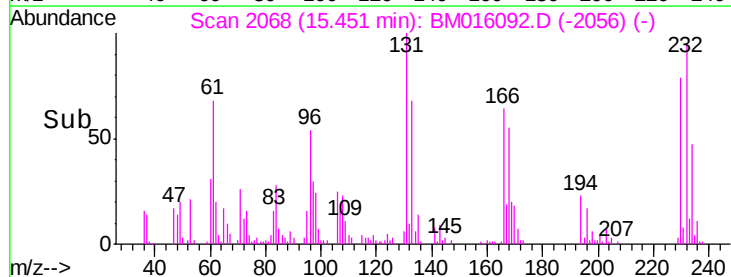
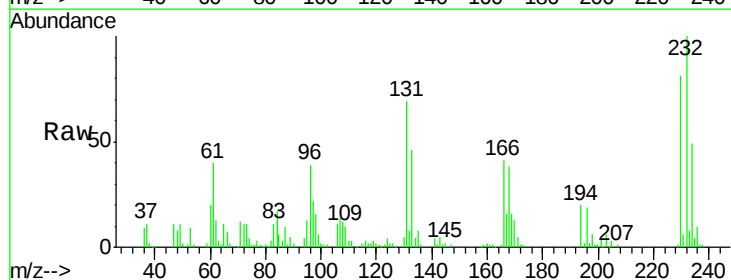
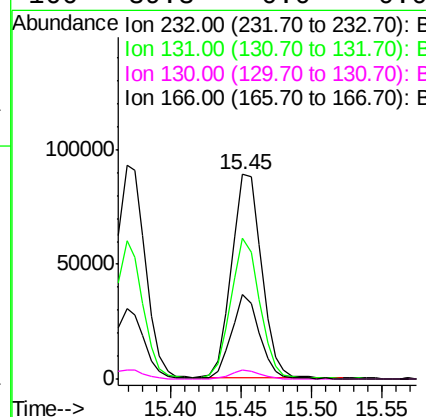
Manual Integrations
 APPROVED

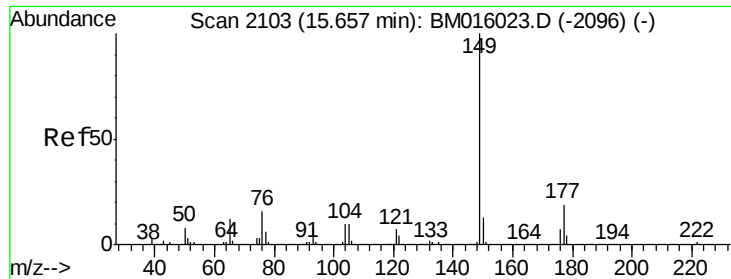
Sohil
 7/27/2018 2:05:07 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.267 ng
 RT: 15.45 min Scan# 2068
 Delta R.T. -0.03 min
 Lab File: BM016092.D
 Acq: 27 Jul 2018 03:14

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	131746		
131	67.6	0.0	0.0#	
130	4.3	0.0	0.0#	
166	39.3	0.0	0.0#	





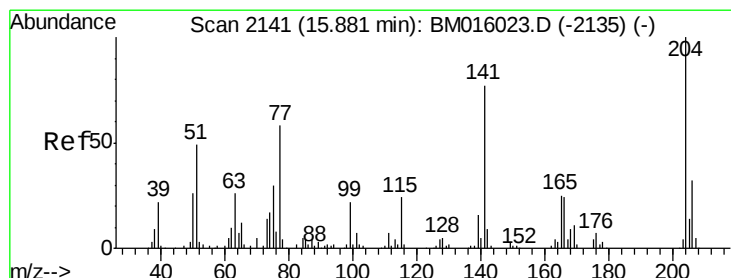
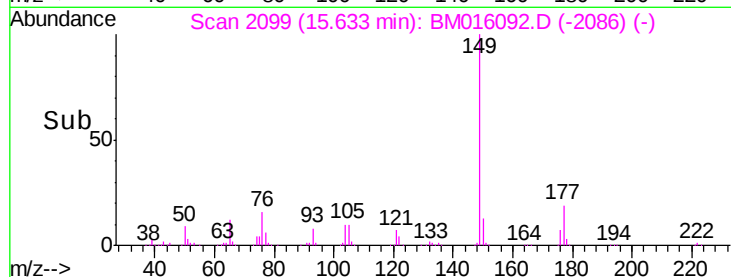
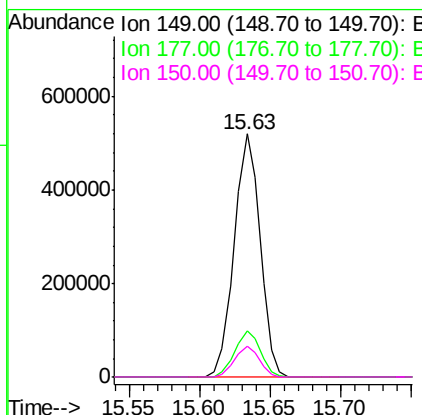
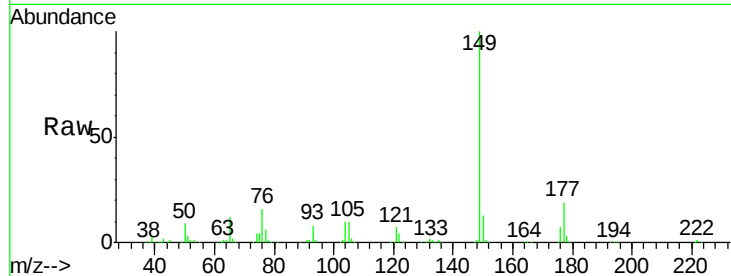
#59
Diethylphthalate
Concen: 43.774 ng
RT: 15.63 min Scan# 2099
Delta R.T. -0.02 min
Lab File: BM016092.D
Acq: 27 Jul 2018 03:14

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	665768		
177	19.2	18.3	27.5	
150	12.7	9.8	14.8	

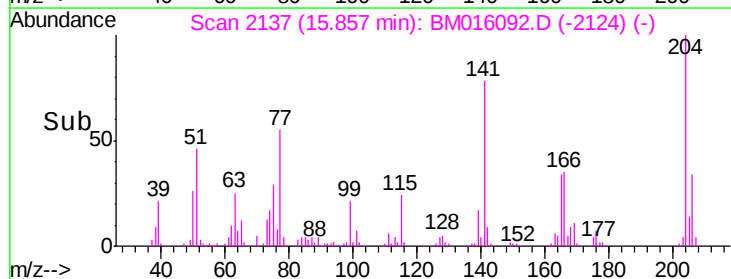
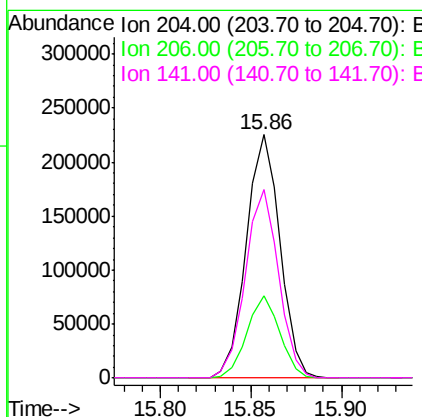
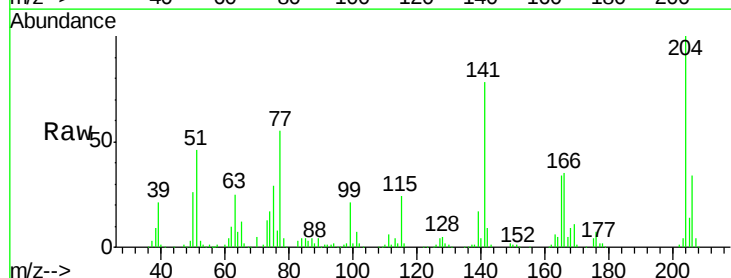
Manual Integrations
APPROVED

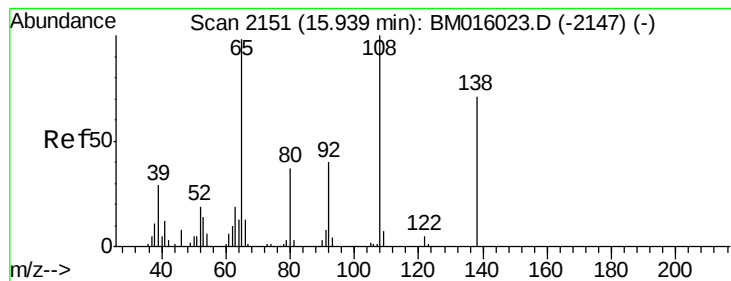
Sohil
7/27/2018 2:05:07 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.996 ng
RT: 15.86 min Scan# 2137
Delta R.T. -0.02 min
Lab File: BM016092.D
Acq: 27 Jul 2018 03:14

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	291712		
206	34.0	26.6	39.8	
141	77.7	45.2	67.8#	





#61

4-Nitroaniline

Concen: 43.574 ng

RT: 15.92 min Scan# 2148

Delta R.T. -0.02 min

Lab File: BM016092.D

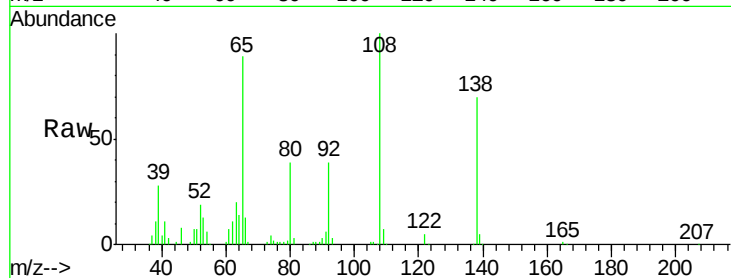
Acq: 27 Jul 2018 03:14

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 138 Resp: 128203

Ion Ratio Lower Upper

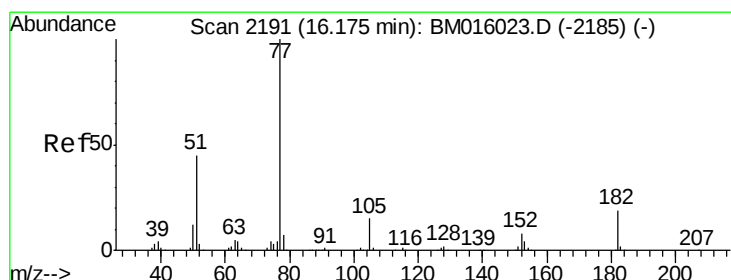
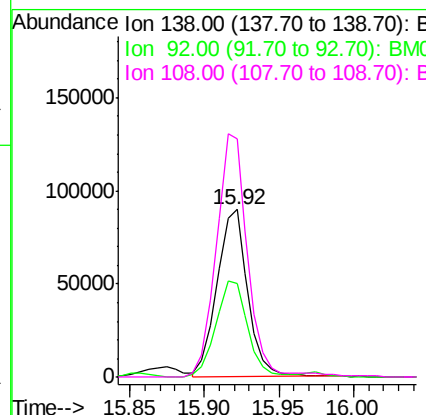
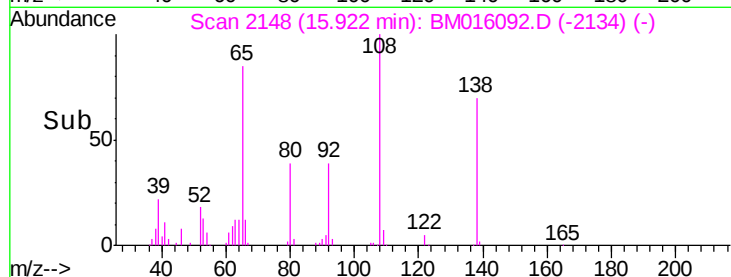
138 100

92 55.7 16.7 56.7

108 142.4 37.6 77.6#

Manual Integrations
APPROVED

Sohil
7/27/2018 2:05:07 PM



#62

Azobenzene

Concen: 44.417 ng

RT: 16.15 min Scan# 2187

Delta R.T. -0.02 min

Lab File: BM016092.D

Acq: 27 Jul 2018 03:14

Tgt Ion: 77 Resp: 711457

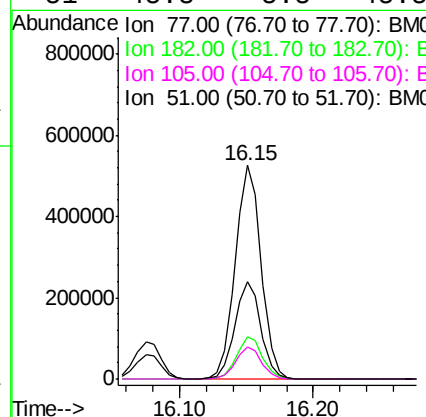
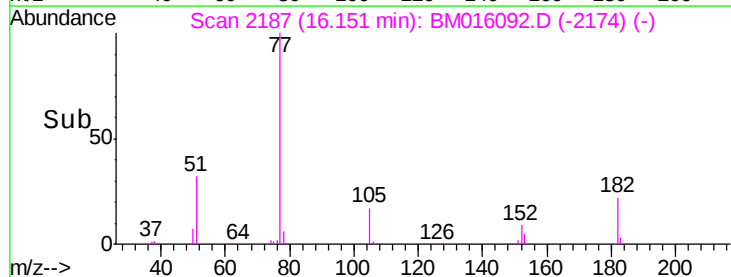
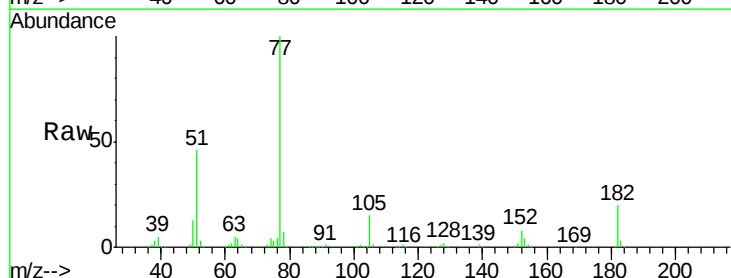
Ion Ratio Lower Upper

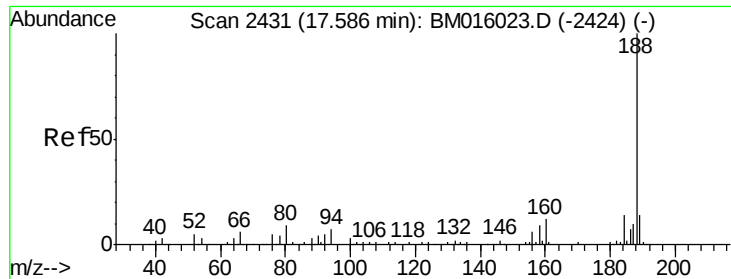
77 100

182 19.9 6.5 46.5

105 14.9 3.8 43.8

51 45.8 5.5 45.5#





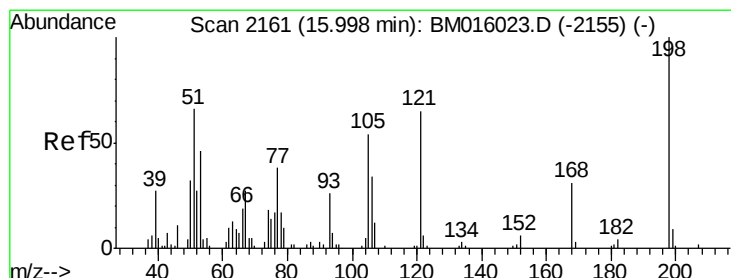
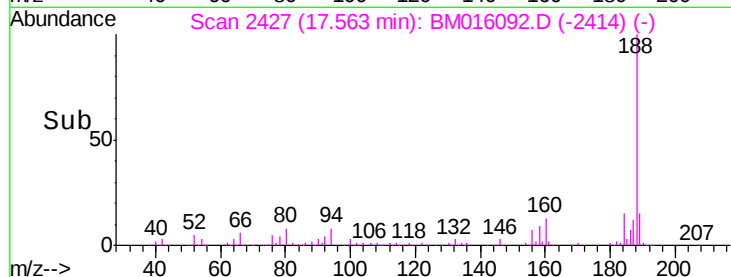
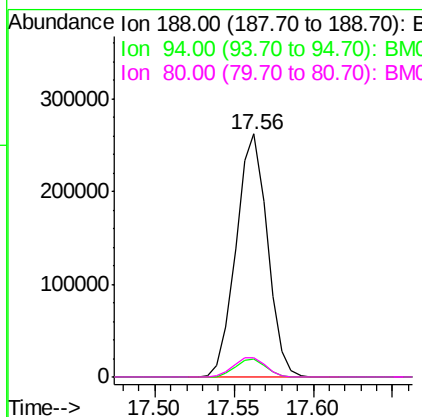
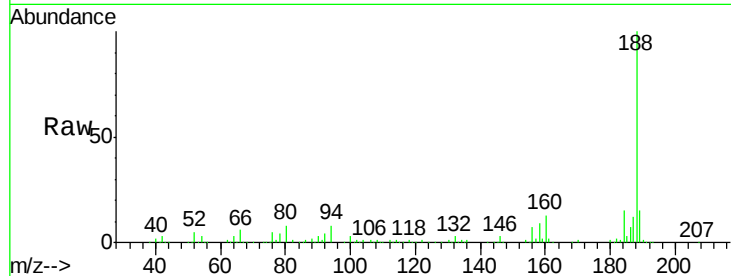
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.56 min Scan# 2427
 Delta R.T. -0.02 min
 Lab File: BM016092.D
 Acq: 27 Jul 2018 03:14

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	359309		
94	7.6	8.7	13.1#	
80	8.0	9.3	13.9#	

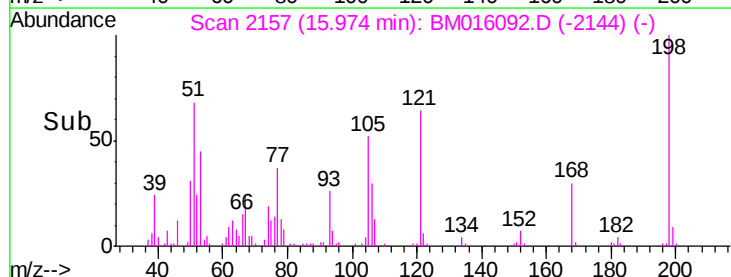
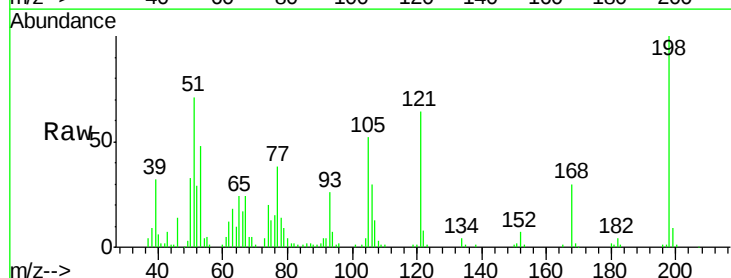
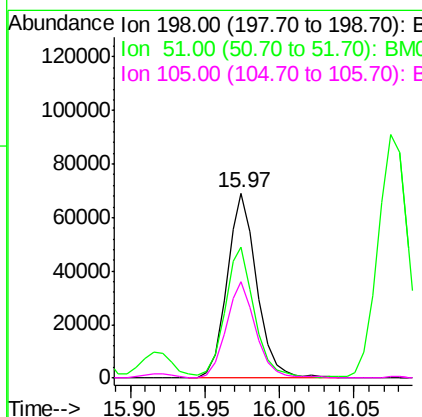
Manual Integrations
 APPROVED

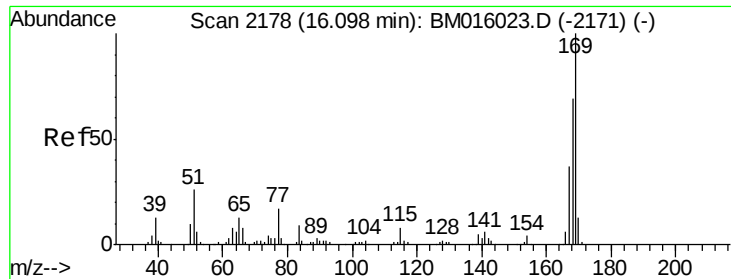
Sohil
 7/27/2018 2:05:07 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.032 ng
 RT: 15.97 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BM016092.D
 Acq: 27 Jul 2018 03:14

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	96029		
51	70.8	28.8	68.8#	
105	52.1	30.5	70.5	





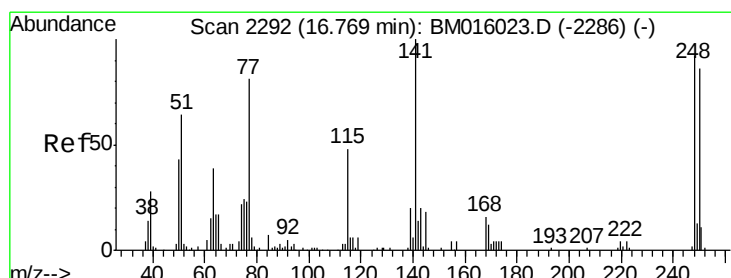
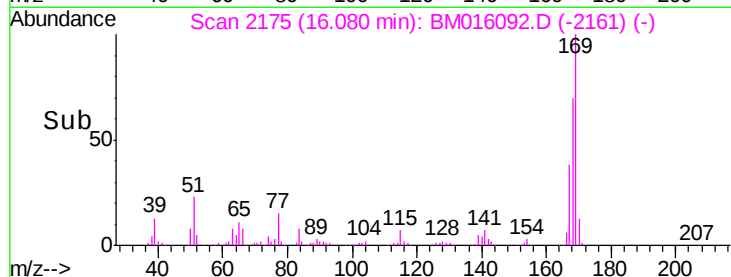
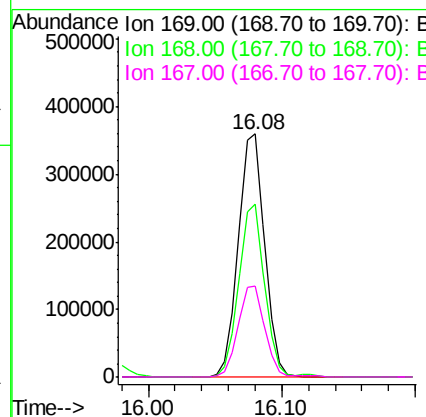
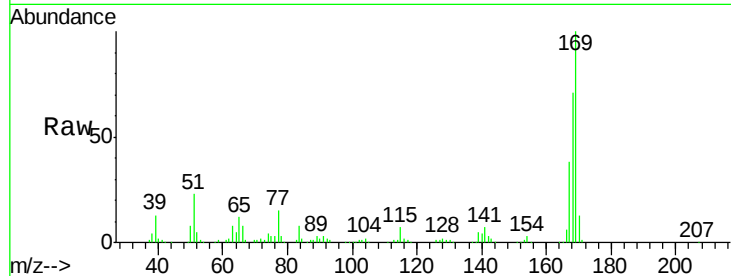
#65
n-Nitrosodiphenylamine
Concen: 41.982 ng
RT: 16.08 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BM016092.D
Acq: 27 Jul 2018 03:14

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	496711		
168	71.0	53.9	80.9	
167	37.6	28.9	43.3	

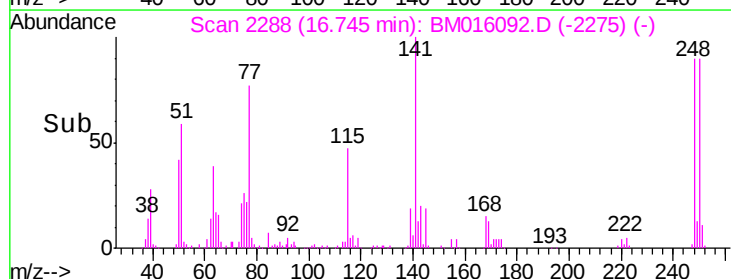
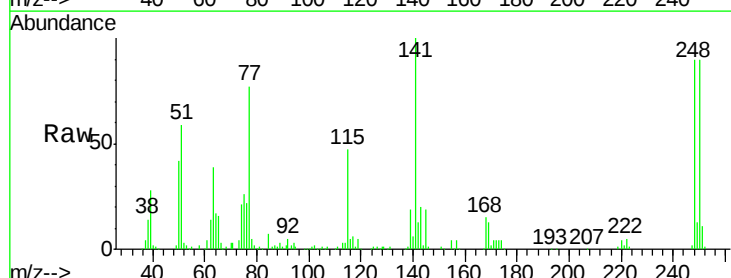
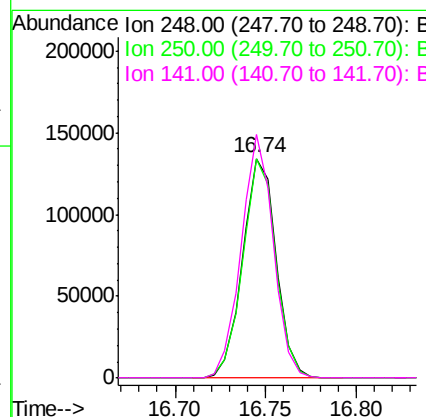
Manual Integrations
APPROVED

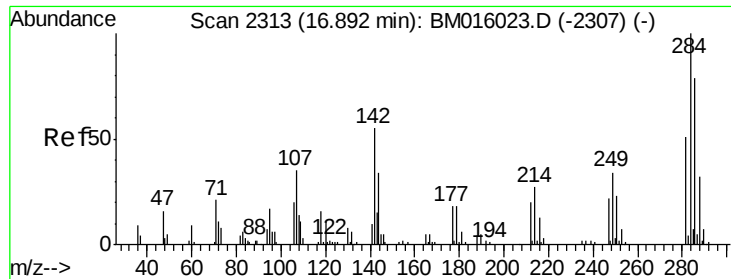
Sohil
7/27/2018 2:05:07 PM



#66
4-Bromophenyl-phenylether
Concen: 42.479 ng
RT: 16.74 min Scan# 2288
Delta R.T. -0.02 min
Lab File: BM016092.D
Acq: 27 Jul 2018 03:14

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	172831		
250	99.9	77.4	116.0	
141	110.9	45.2	67.8	





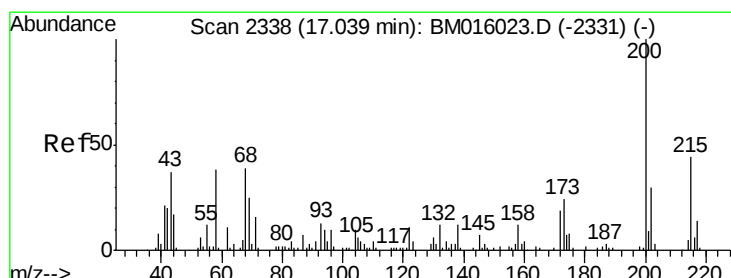
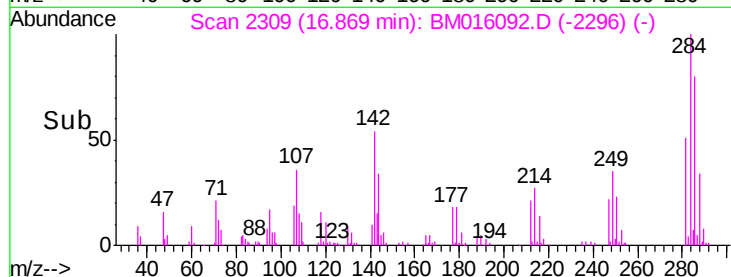
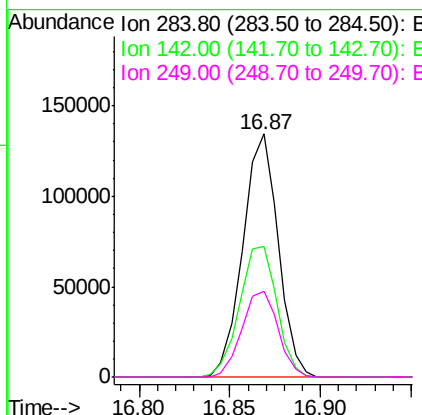
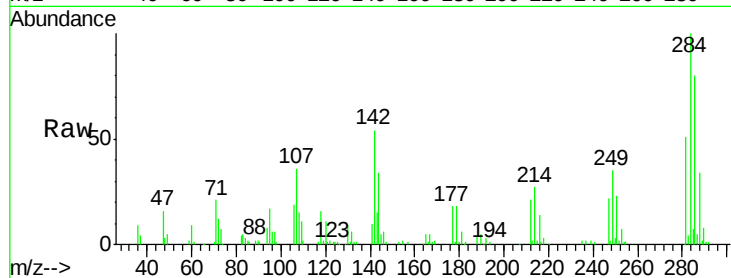
#67
Hexachlorobenzene
Concen: 40.690 ng
RT: 16.87 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BM016092.D
Acq: 27 Jul 2018 03:14

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	182311		
142	53.9	20.4	30.6#	
249	35.2	23.8	35.6	

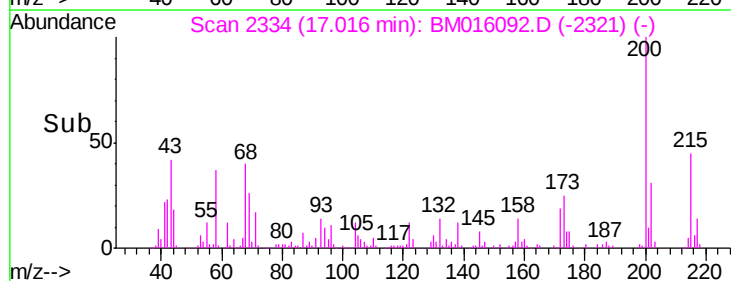
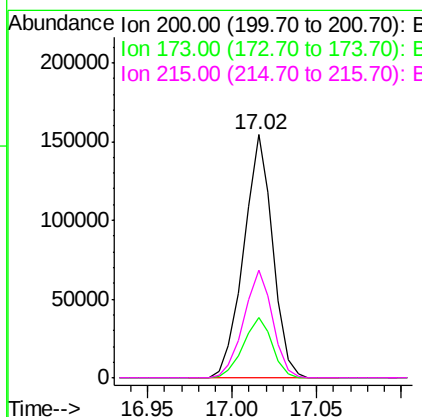
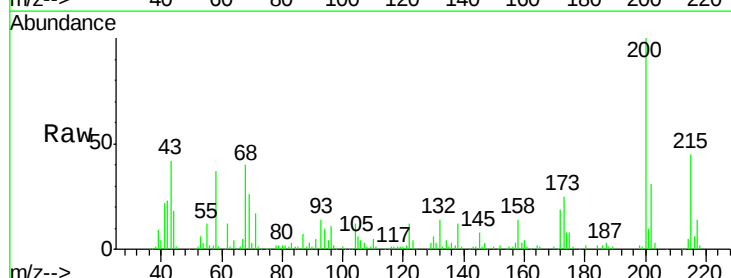
Manual Integrations
APPROVED

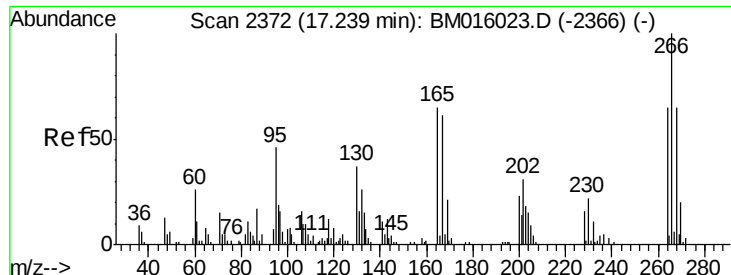
Sohil
7/27/2018 2:05:07 PM



#68
Atrazine
Concen: 43.760 ng
RT: 17.02 min Scan# 2334
Delta R.T. -0.02 min
Lab File: BM016092.D
Acq: 27 Jul 2018 03:14

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	185561		
173	24.7	4.8	44.8	
215	44.5	26.9	66.9	





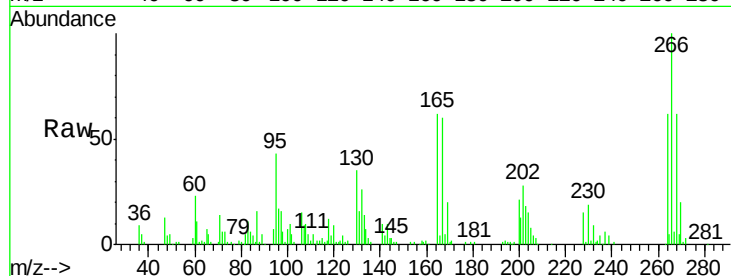
#69
 Pentachlorophenol
 Concen: 43.847 ng
 RT: 17.22 min Scan# 2368
 Delta R.T. -0.02 min
 Lab File: BM016092.D
 Acq: 27 Jul 2018 03:14

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.4	52.0	78.0
264	62.2	49.0	73.4

Manual Integrations
 APPROVED

Sohil
 7/27/2018 2:05:07 PM

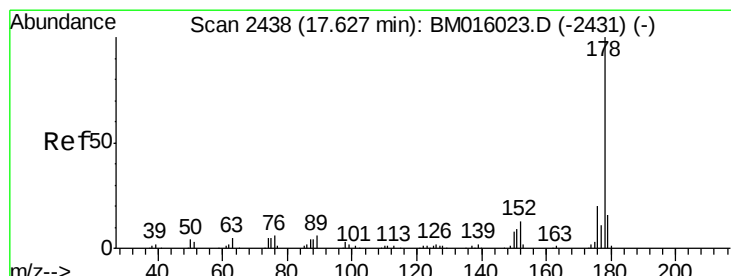
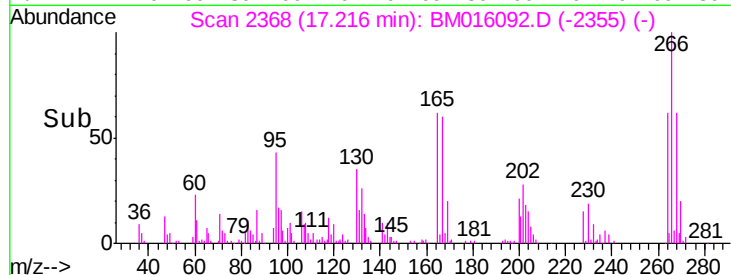
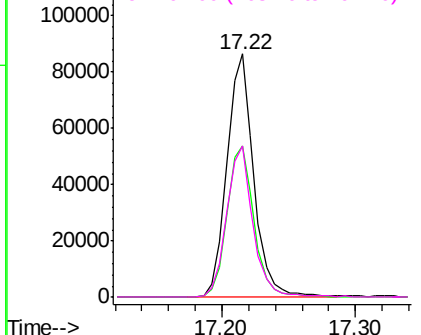


Abundance

Ion 265.70 (265.40 to 266.40): E

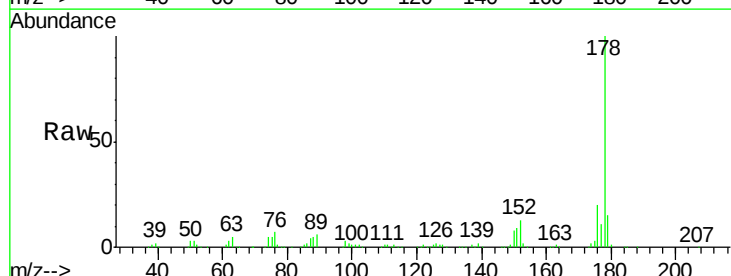
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 40.402 ng
 RT: 17.60 min Scan# 2434
 Delta R.T. -0.02 min
 Lab File: BM016092.D
 Acq: 27 Jul 2018 03:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.2	22.8
179	15.3	12.1	18.1

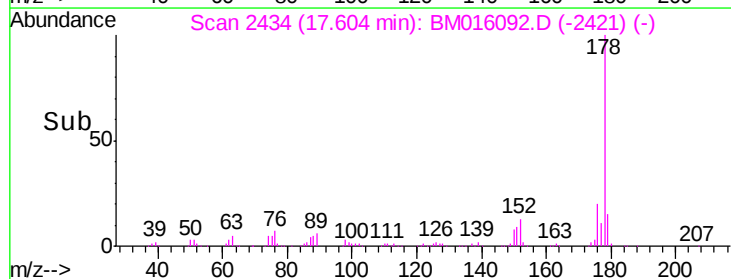
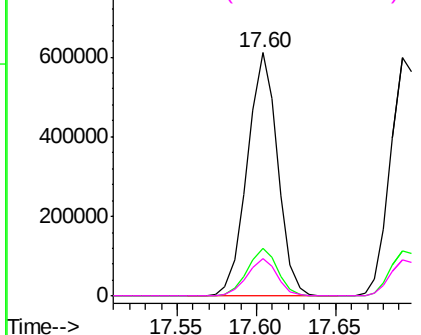


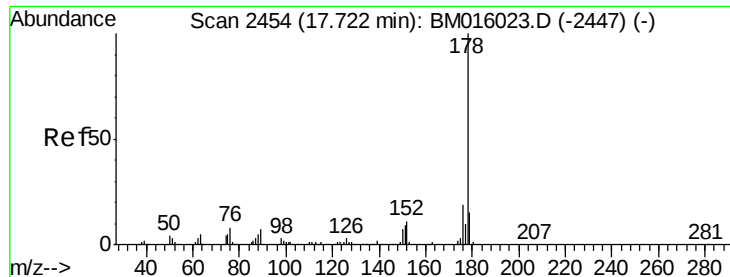
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





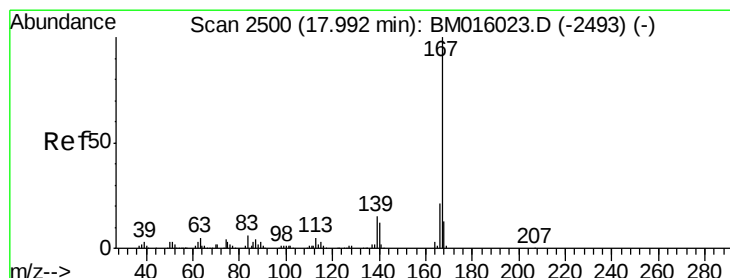
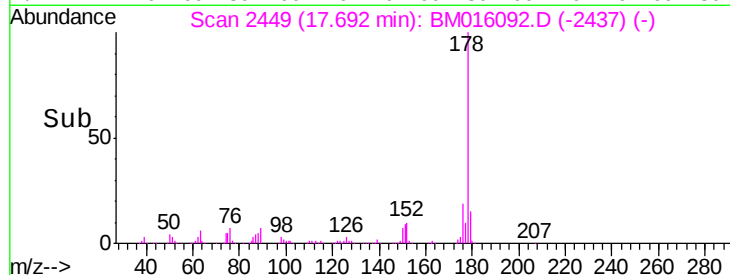
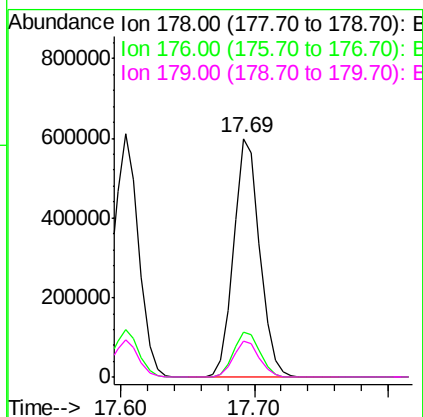
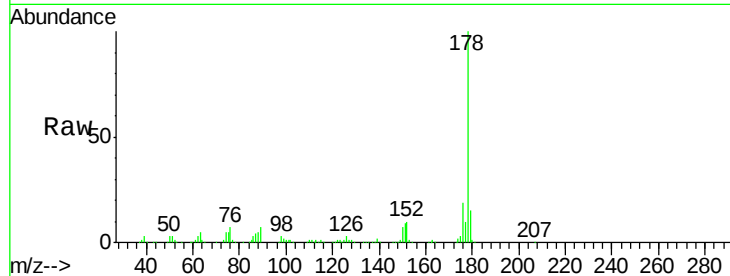
#71
 Anthracene
 Concen: 41.626 ng
 RT: 17.69 min Scan# 2449
 Delta R.T. -0.03 min
 Lab File: BM016092.D
 Acq: 27 Jul 2018 03:14

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.6	22.0
179	15.3	12.6	19.0

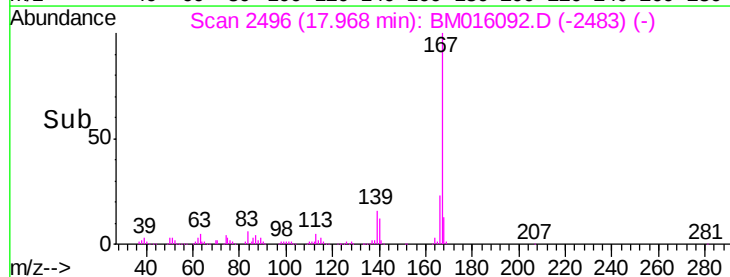
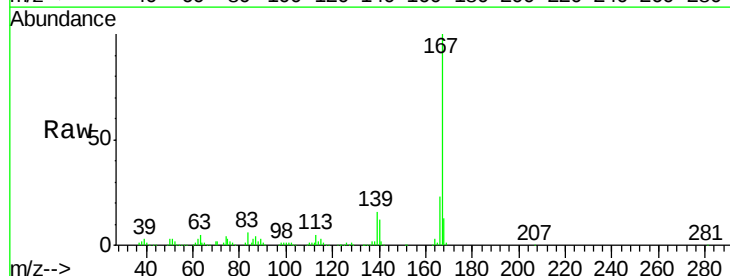
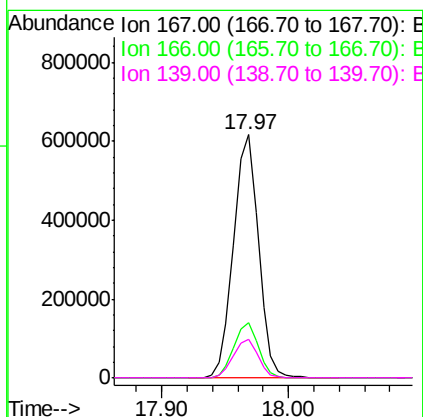
Manual Integrations
 APPROVED

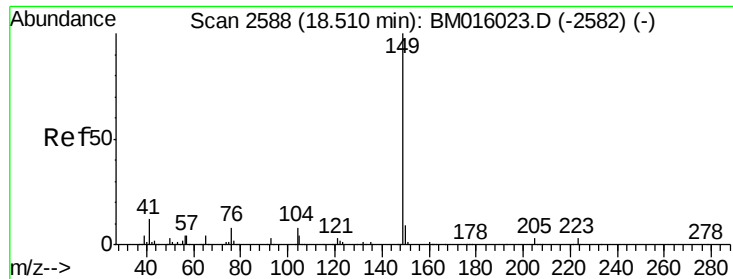
Sohil
 7/27/2018 2:05:07 PM



#72
 Carbazole
 Concen: 41.571 ng
 RT: 17.97 min Scan# 2496
 Delta R.T. -0.02 min
 Lab File: BM016092.D
 Acq: 27 Jul 2018 03:14

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.2	25.8
139	15.7	10.8	16.2





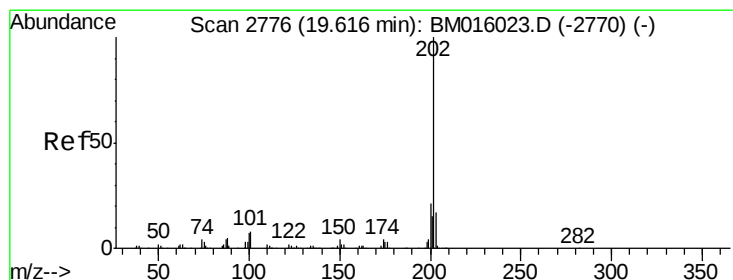
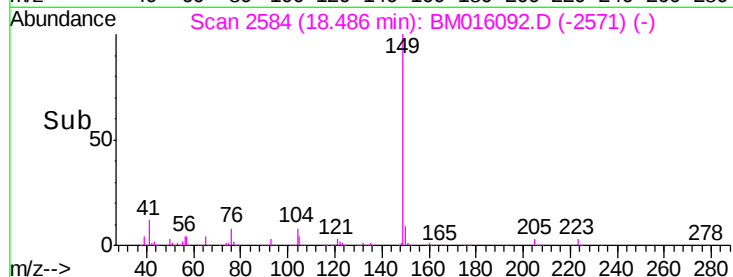
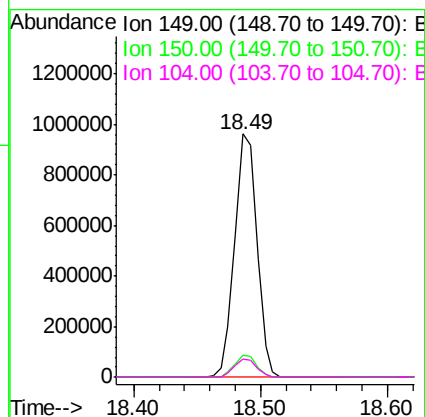
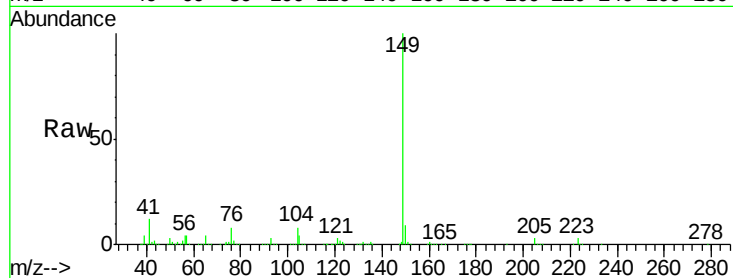
#73
Di-n-butylphthalate
Concen: 46.132 ng
RT: 18.49 min Scan# 2584
Delta R.T. -0.02 min
Lab File: BM016092.D
Acq: 27 Jul 2018 03:14

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 1164303
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 7.7 3.7 5.5#

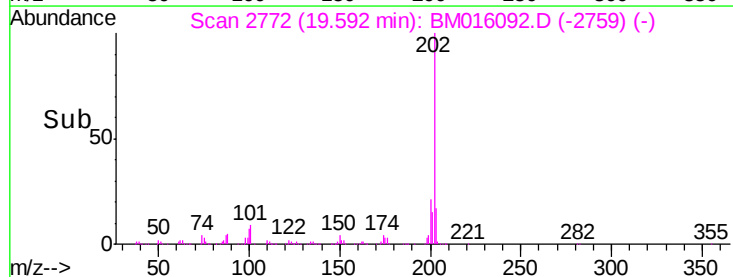
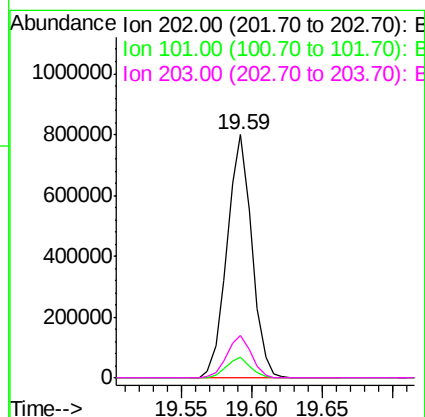
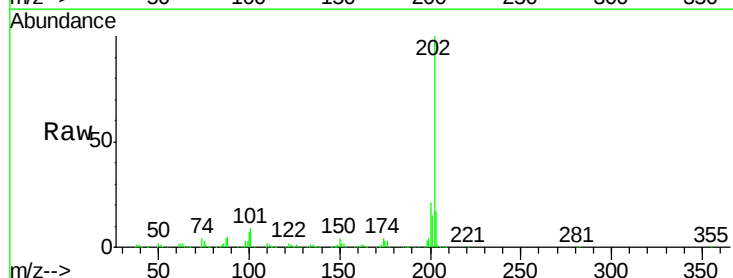
Manual Integrations
APPROVED

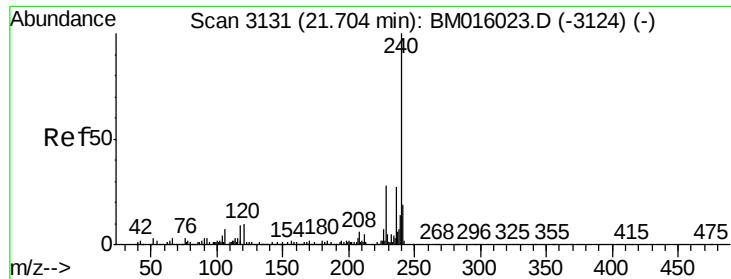
Sohil
7/27/2018 2:05:07 PM



#74
Fluoranthene
Concen: 43.553 ng
RT: 19.59 min Scan# 2772
Delta R.T. -0.02 min
Lab File: BM016092.D
Acq: 27 Jul 2018 03:14

Tgt Ion:202 Resp: 977299
Ion Ratio Lower Upper
202 100
101 8.5 0.0 28.7
203 17.3 0.0 37.2





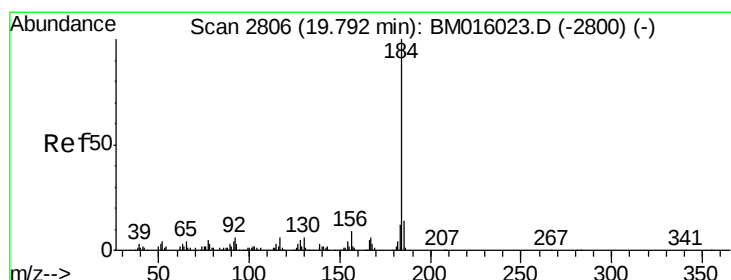
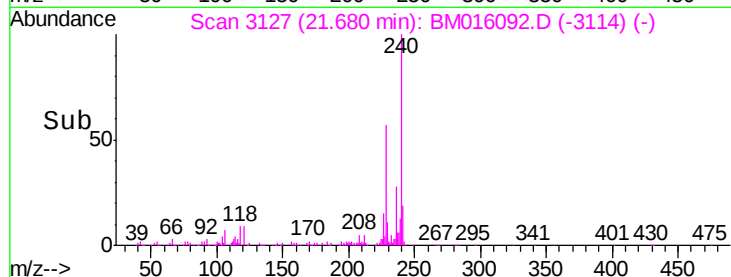
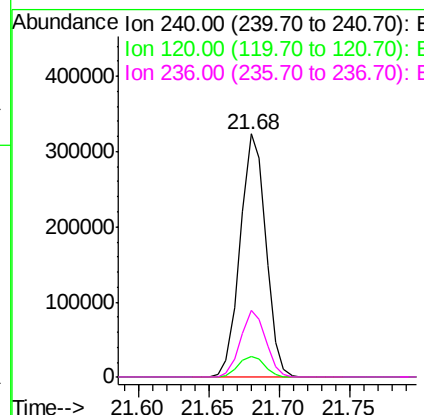
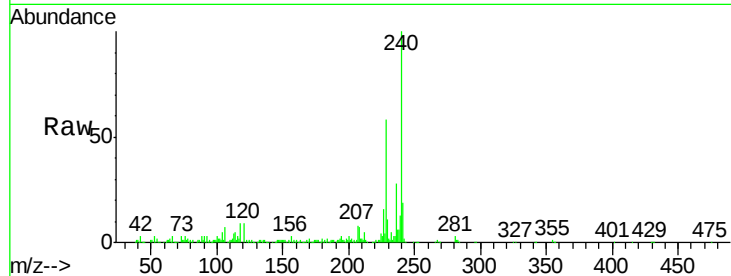
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3127
Delta R.T. -0.02 min
Lab File: BM016092.D
Acq: 27 Jul 2018 03:14

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	8.8	8.2	12.2
236	27.7	20.0	30.0

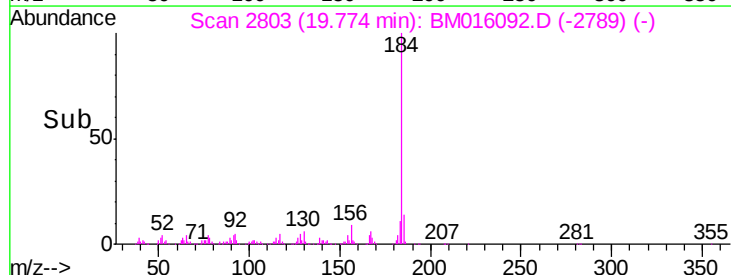
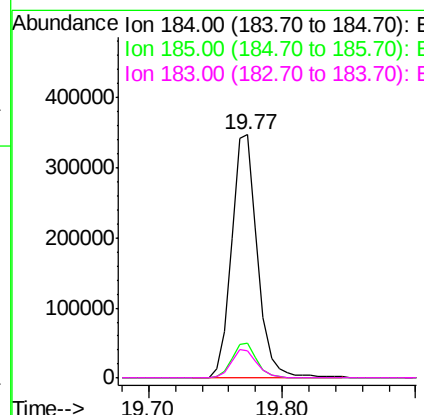
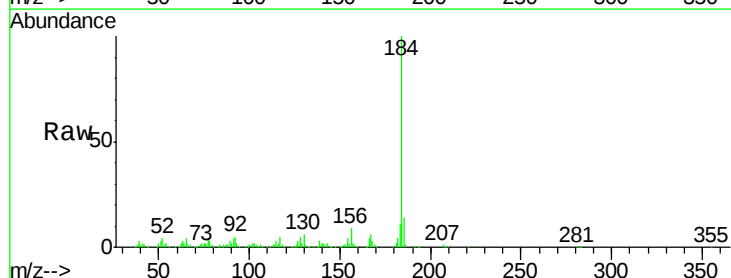
Manual Integrations
APPROVED

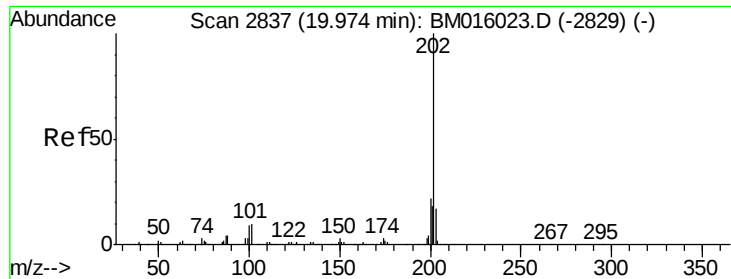
Sohil
7/27/2018 2:05:07 PM



#76
Benzidine
Concen: 41.212 ng
RT: 19.77 min Scan# 2803
Delta R.T. -0.02 min
Lab File: BM016092.D
Acq: 27 Jul 2018 03:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
185	14.1	11.3	16.9
183	11.4	8.9	13.3





#77

Pyrene

Concen: 42.257 ng

RT: 19.95 min Scan# 2833

Delta R.T. -0.02 min

Lab File: BM016092.D

Acq: 27 Jul 2018 03:14

Instrument :

BNA_M

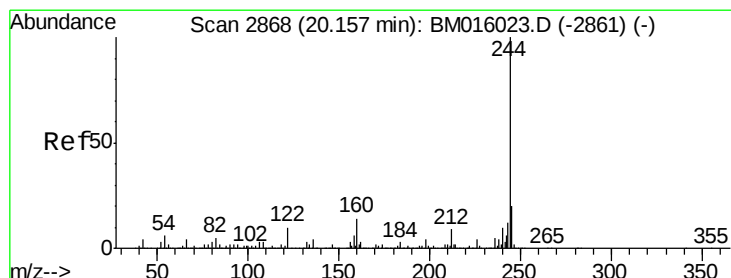
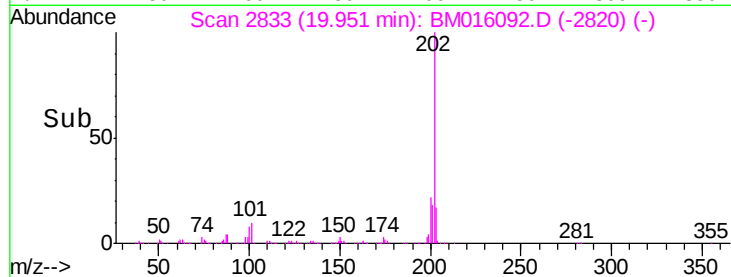
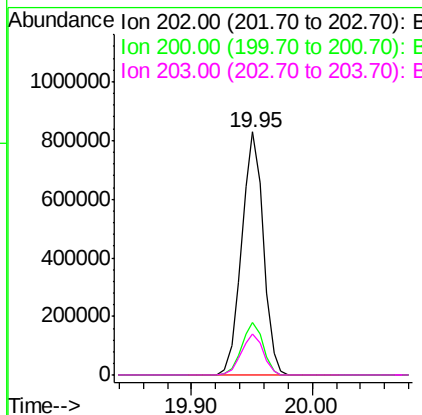
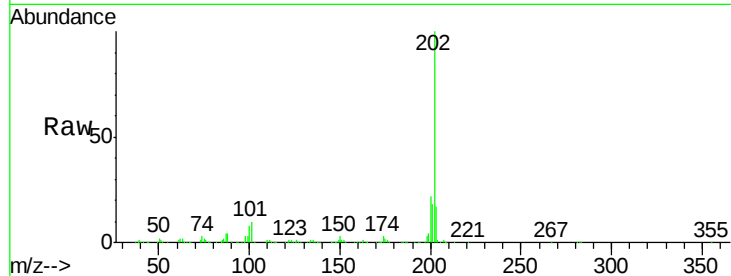
ClientSampleId :

SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.9	25.3
203	17.1	14.1	21.1

Manual Integrations
APPROVED

Sohil
7/27/2018 2:05:07 PM



#78

Terphenyl-d14

Concen: 42.257 ng

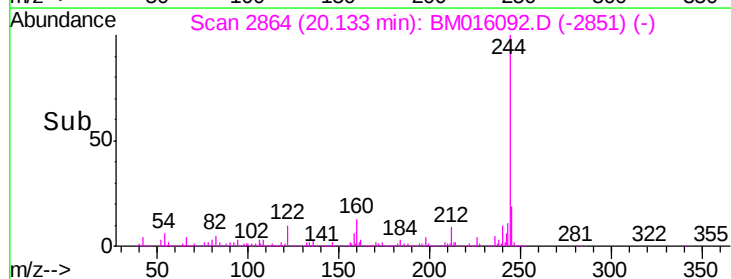
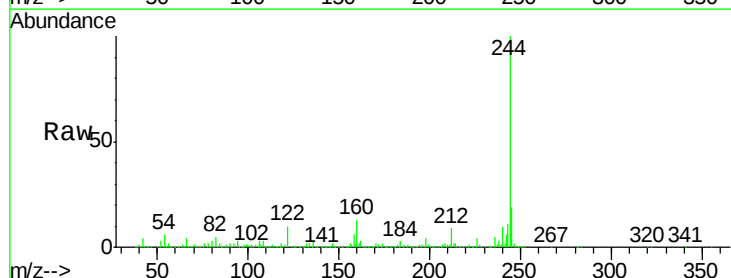
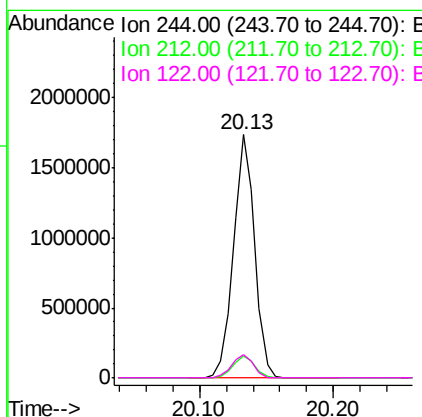
RT: 20.13 min Scan# 2864

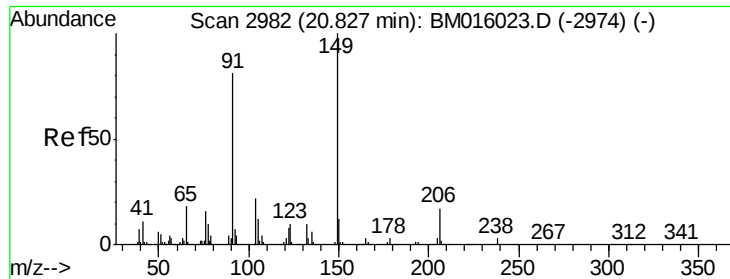
Delta R.T. -0.02 min

Lab File: BM016092.D

Acq: 27 Jul 2018 03:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.3	4.9	7.3#
122	9.7	6.2	9.4#





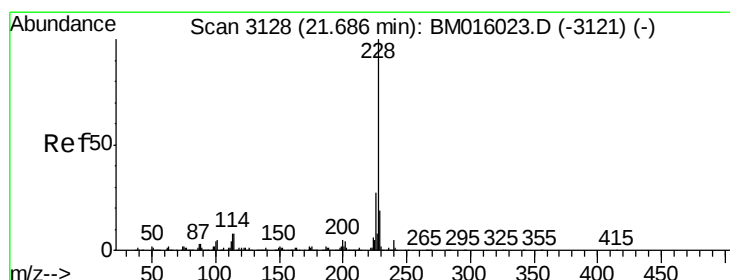
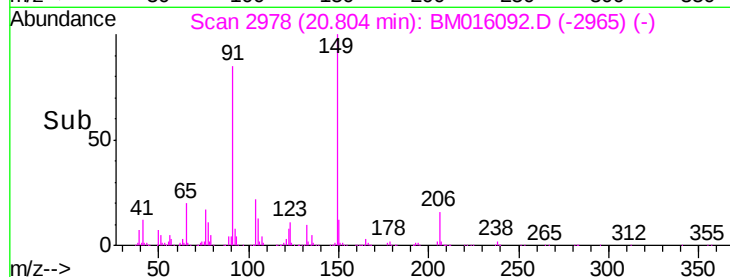
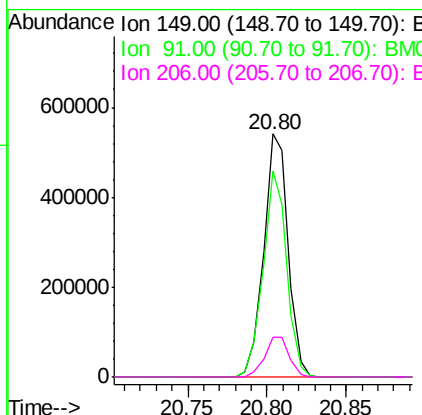
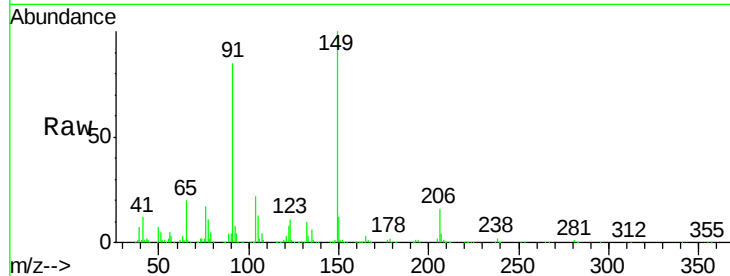
#79
Butylbenzylphthalate
Concen: 46.843 ng
RT: 20.80 min Scan# 2978
Delta R.T. -0.02 min
Lab File: BM016092.D
Acq: 27 Jul 2018 03:14

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
149	100		
91	85.0	50.1	75.1#
206	16.5	16.2	24.2

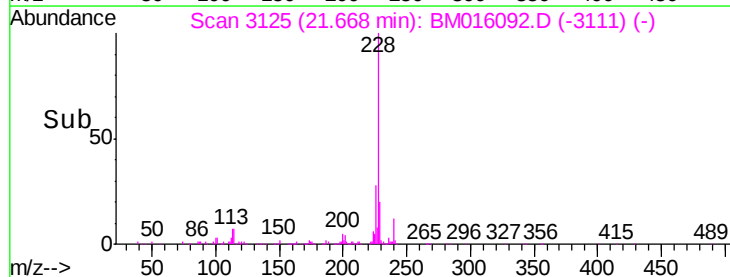
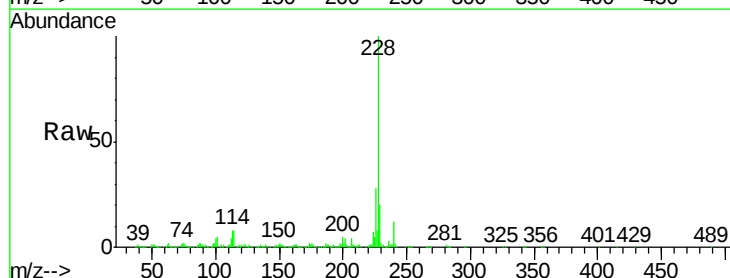
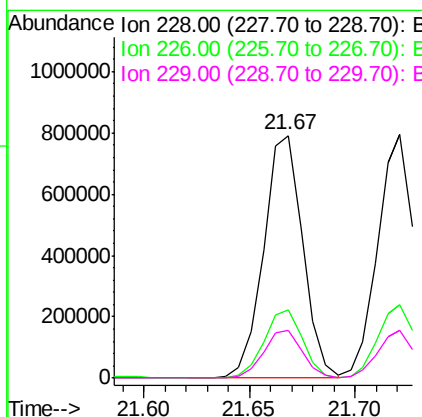
Manual Integrations
APPROVED

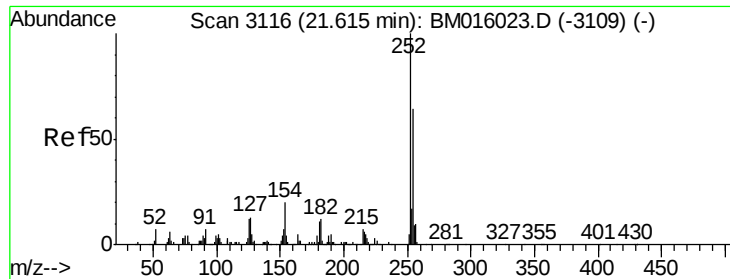
Sohil
7/27/2018 2:05:07 PM



#80
Benzo(a)anthracene
Concen: 40.358 ng
RT: 21.67 min Scan# 3125
Delta R.T. -0.02 min
Lab File: BM016092.D
Acq: 27 Jul 2018 03:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.7	32.5
229	19.9	16.0	24.0





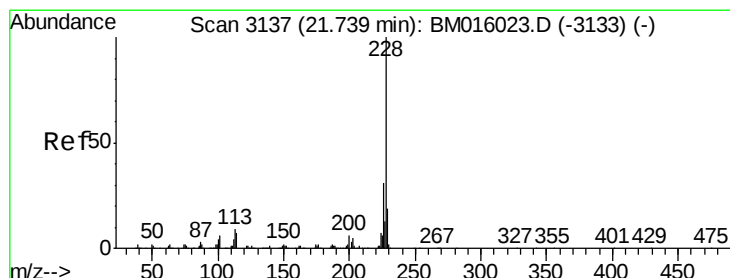
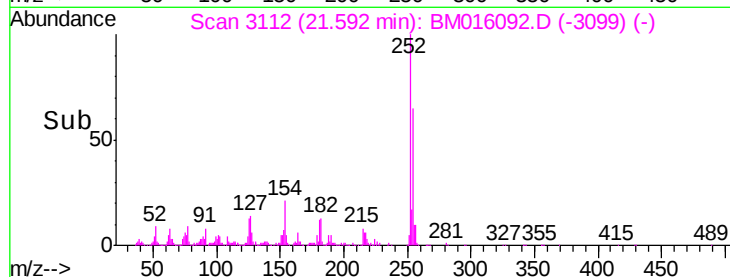
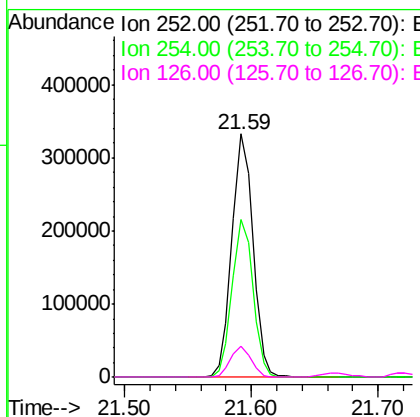
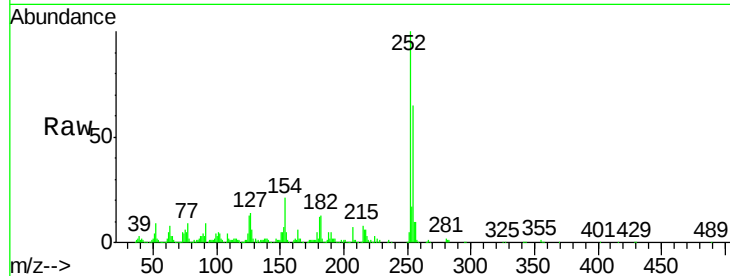
#81
 3,3'-Dichlorobenzidine
 Concen: 37.718 ng
 RT: 21.59 min Scan# 3112
 Delta R.T. -0.02 min
 Lab File: BM016092.D
 Acq: 27 Jul 2018 03:14

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.9	77.9
126	12.9	9.8	14.8

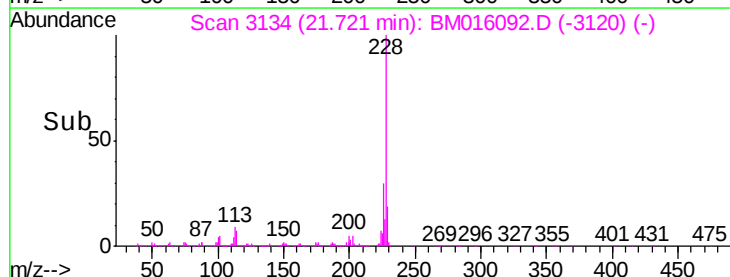
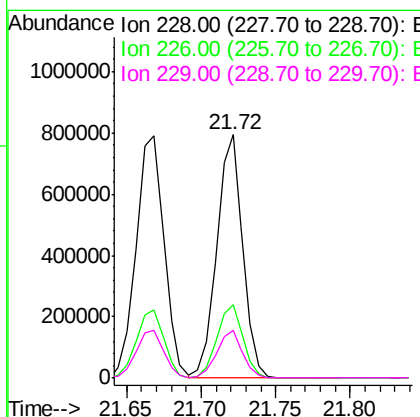
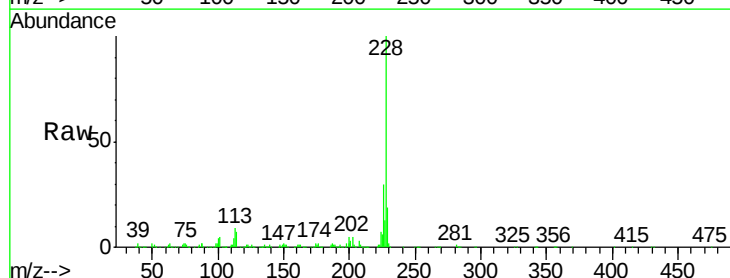
Manual Integrations
 APPROVED

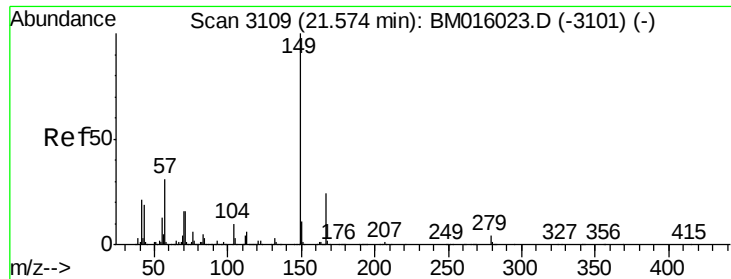
Sohil
 7/27/2018 2:05:07 PM



#82
 Chrysene
 Concen: 39.767 ng
 RT: 21.72 min Scan# 3134
 Delta R.T. -0.02 min
 Lab File: BM016092.D
 Acq: 27 Jul 2018 03:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	19.4	15.5	23.3





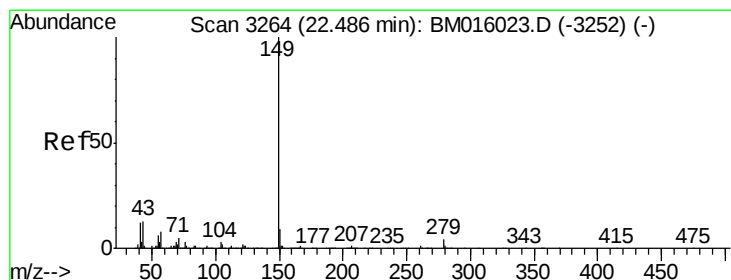
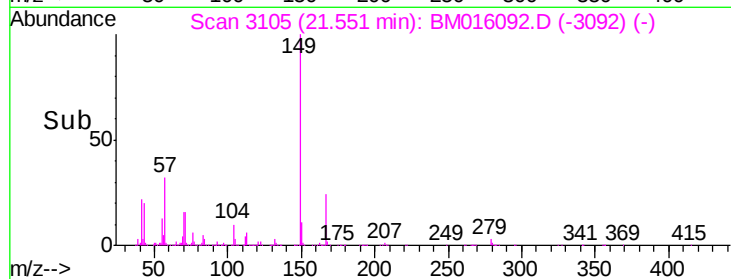
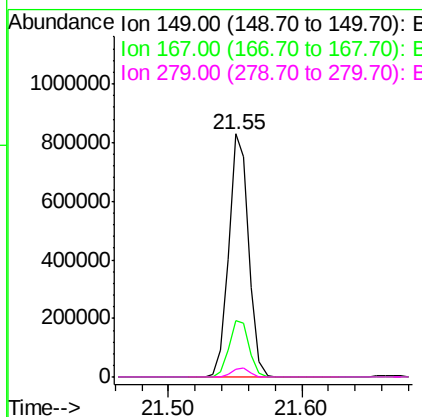
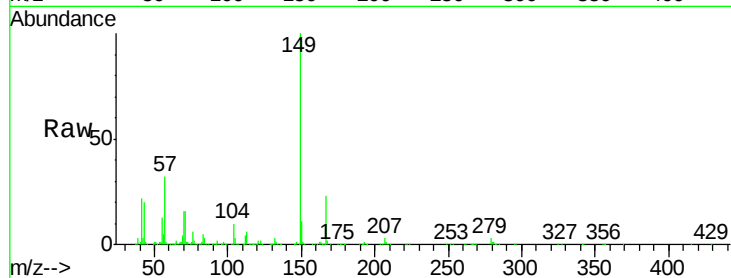
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.937 ng
 RT: 21.55 min Scan# 3105
 Delta R.T. -0.02 min
 Lab File: BM016092.D
 Acq: 27 Jul 2018 03:14

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
149	100		
167	23.5	22.4	33.6
279	3.2	3.4	5.0

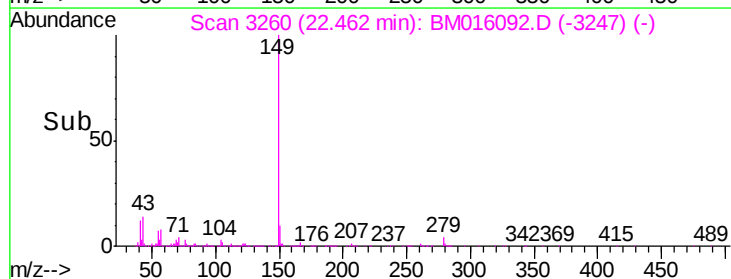
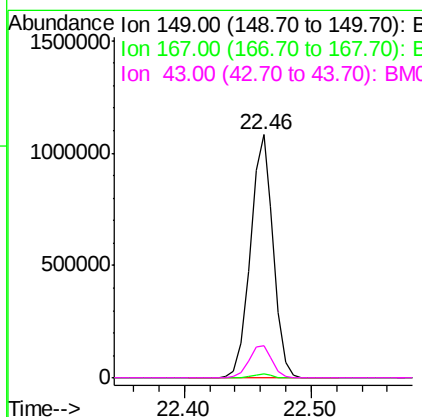
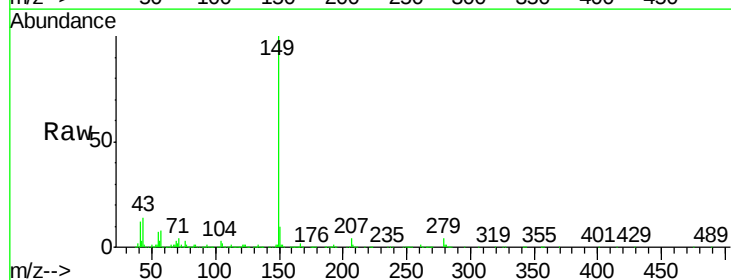
Manual Integrations
 APPROVED

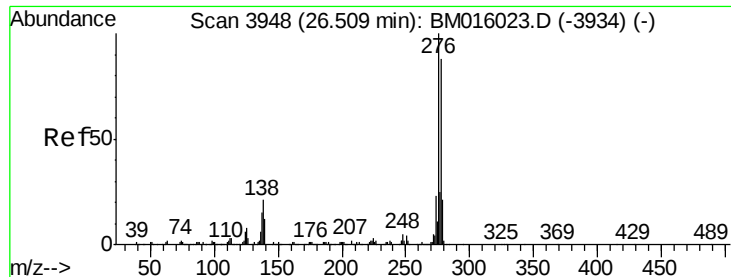
Sohil
 7/27/2018 2:05:07 PM



#84
 Di-n-octyl phthalate
 Concen: 44.125 ng
 RT: 22.46 min Scan# 3260
 Delta R.T. -0.02 min
 Lab File: BM016092.D
 Acq: 27 Jul 2018 03:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	13.8	7.3	10.9





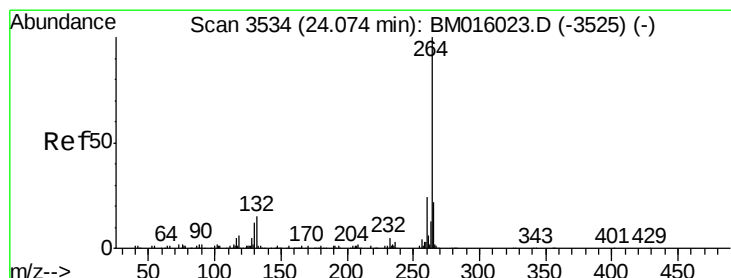
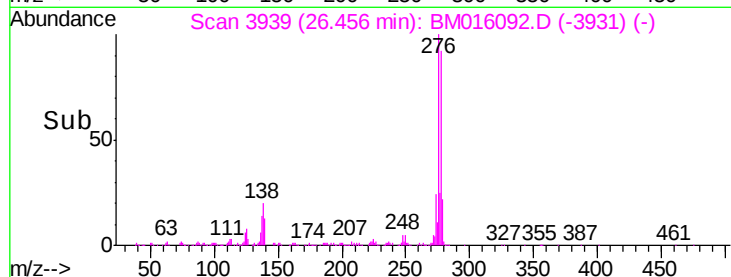
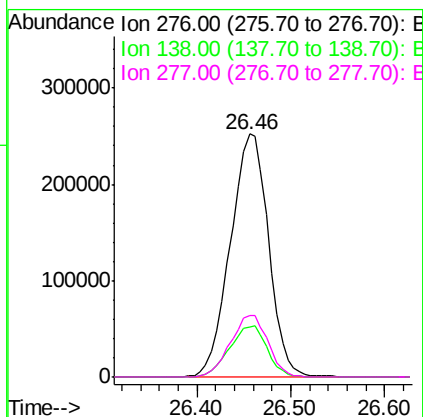
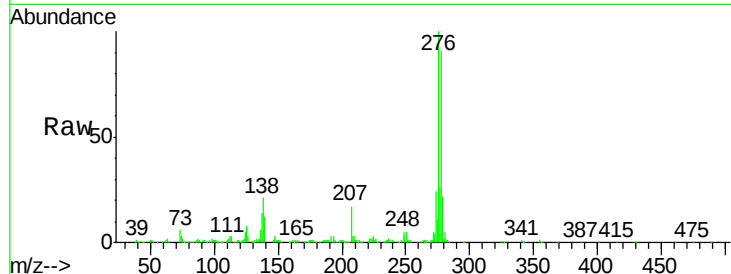
#85
Indeno(1,2,3-cd)pyrene
Concen: 24.538 ng
RT: 26.46 min Scan# 3939
Delta R.T. -0.05 min
Lab File: BM016092.D
Acq: 27 Jul 2018 03:14

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.3	12.0	18.0#
277	25.4	20.0	30.0

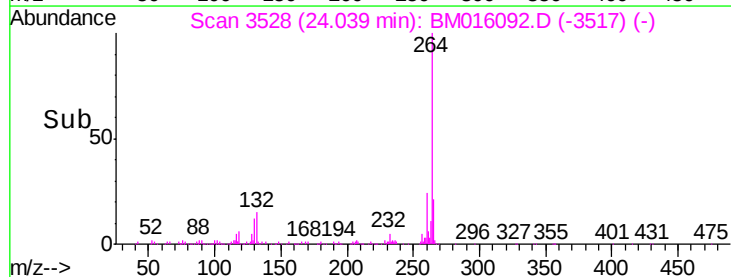
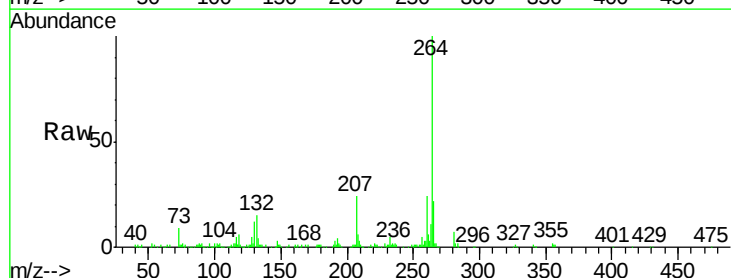
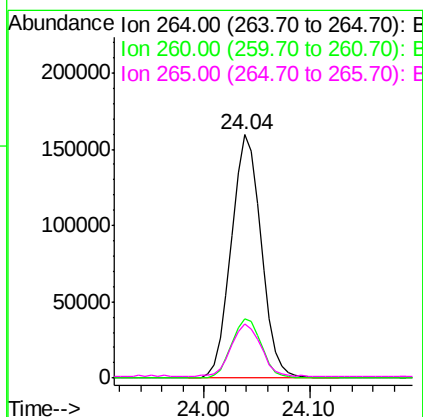
Manual Integrations
APPROVED

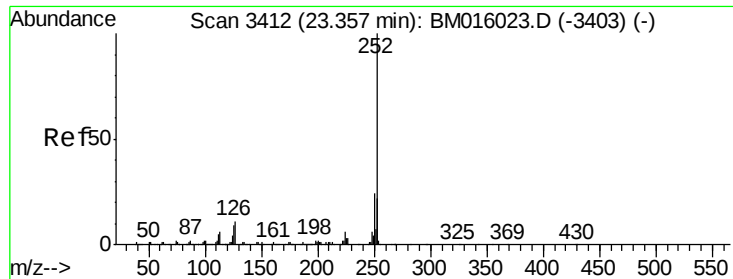
Sohil
7/27/2018 2:05:07 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.04 min Scan# 3528
Delta R.T. -0.04 min
Lab File: BM016092.D
Acq: 27 Jul 2018 03:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.6	27.8
265	22.2	17.3	25.9





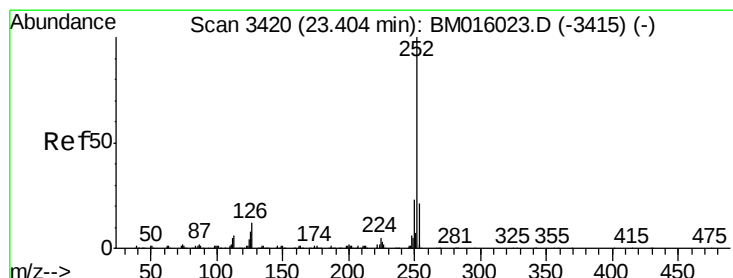
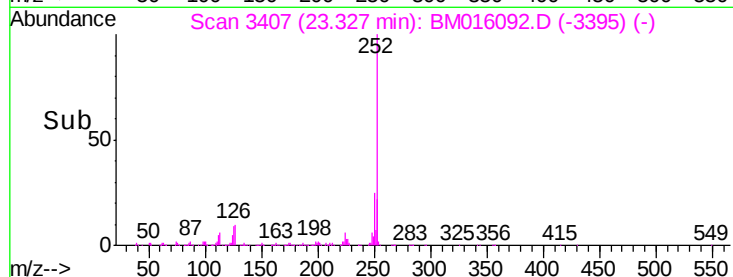
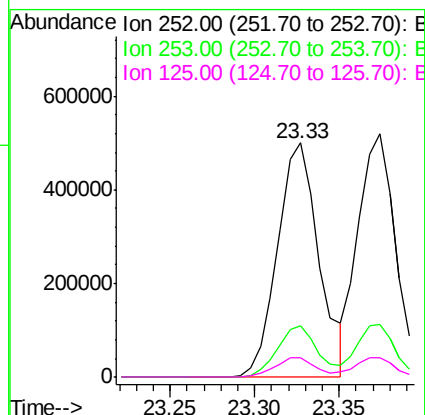
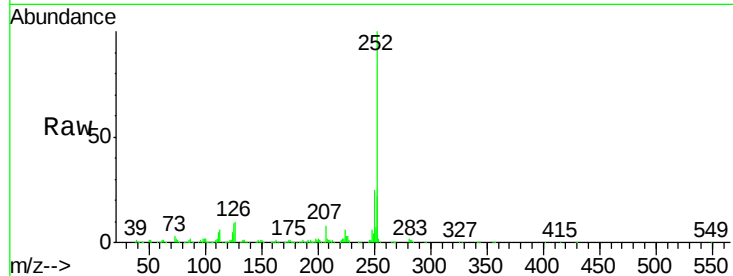
#87
Benzo(b)fluoranthene
Concen: 46.003 ng
RT: 23.33 min Scan# 3407
Delta R.T. -0.03 min
Lab File: BM016092.D
Acq: 27 Jul 2018 03:14

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	8.6	9.9	14.9#

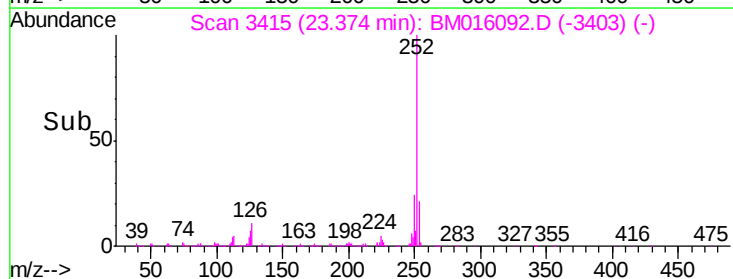
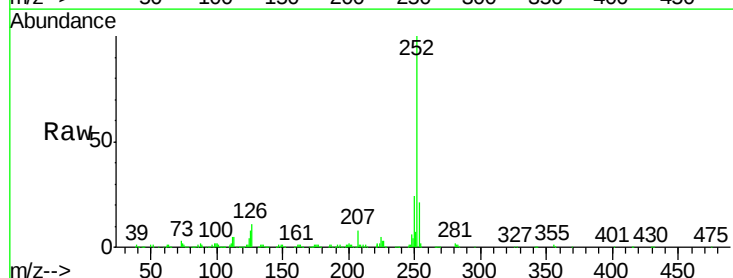
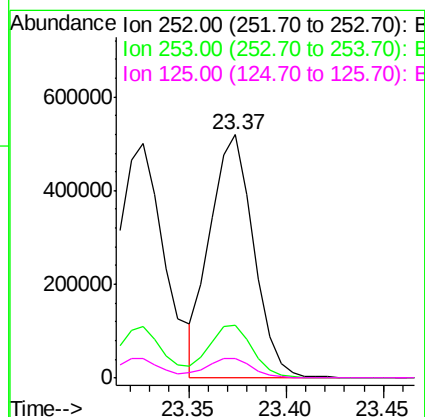
Manual Integrations
APPROVED

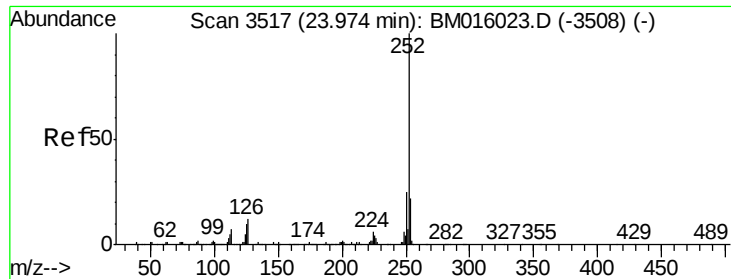
Sohil
7/27/2018 2:05:07 PM



#88
Benzo(k)fluoranthene
Concen: 42.813 ng m
RT: 23.37 min Scan# 3415
Delta R.T. -0.03 min
Lab File: BM016092.D
Acq: 27 Jul 2018 03:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	7.9	8.1	12.1#





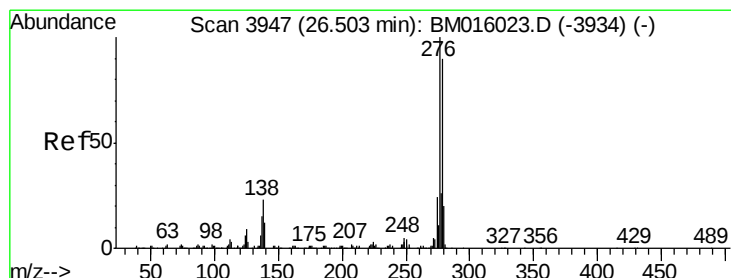
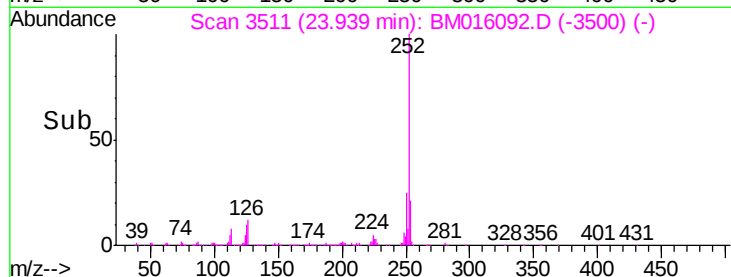
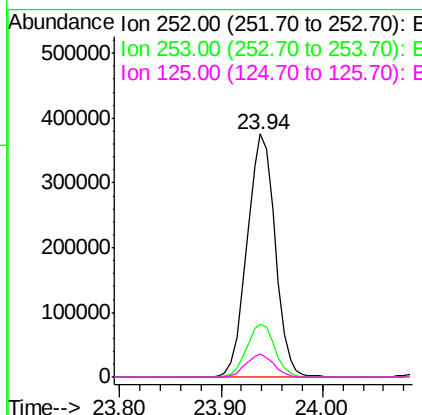
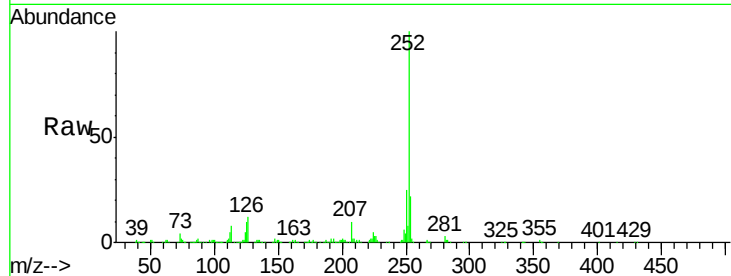
#89
Benzo(a)pyrene
Concen: 40.696 ng
RT: 23.94 min Scan# 3511
Delta R.T. -0.04 min
Lab File: BM016092.D
Acq: 27 Jul 2018 03:14

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	9.7	7.4	11.2

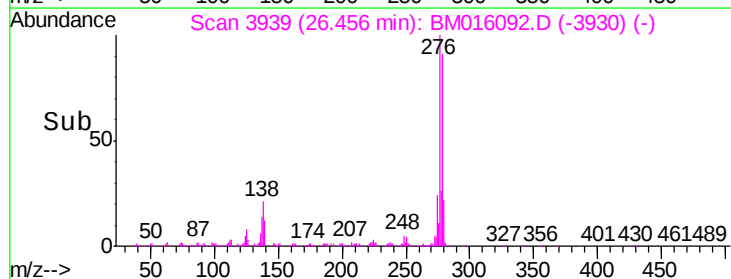
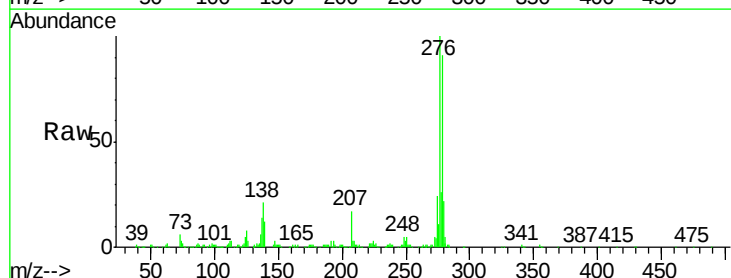
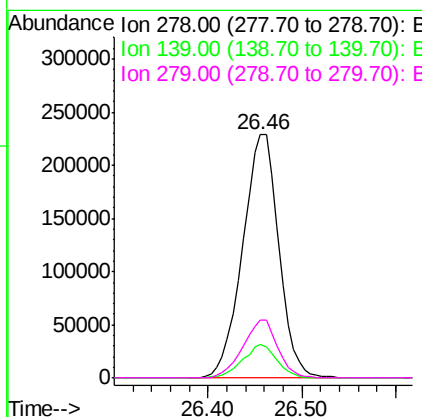
Manual Integrations
APPROVED

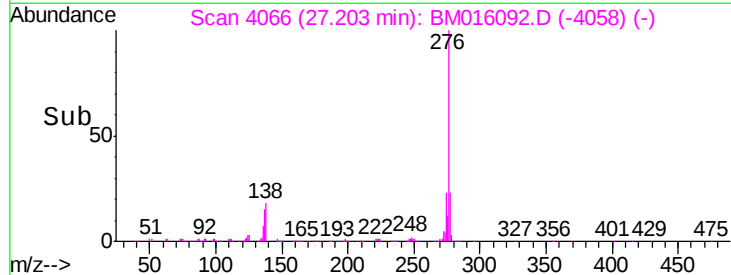
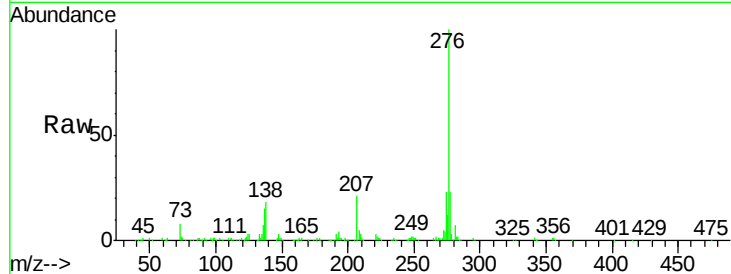
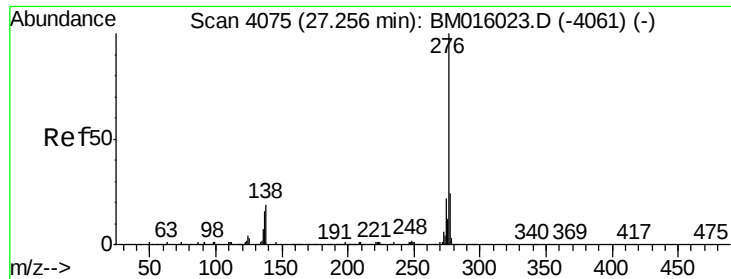
Sohil
7/27/2018 2:05:07 PM



#90
Dibenzo(a,h)anthracene
Concen: 33.289 ng
RT: 26.46 min Scan# 3939
Delta R.T. -0.05 min
Lab File: BM016092.D
Acq: 27 Jul 2018 03:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.8	13.4	20.0
279	23.9	19.0	28.4





#91
 Benzo(g,h,i)perylene
 Concen: 31.554 ng
 RT: 27.20 min Scan# 4066
 Delta R.T. -0.05 min
 Lab File: BM016092.D
 Acq: 27 Jul 2018 03:14

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.5	27.7
138	17.9	19.0	28.6

Manual Integrations
 APPROVED

Sohil
 7/27/2018 2:05:07 PM

