

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
 Data File : BM018308.D
 Acq On : 19 Dec 2018 22:12
 Operator : JU/SJ
 Sample : J6378-19MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS001-0612-01MSD

Manual Integrations
 APPROVED

Sohil
 12/20/2018 2:55:10 PM

Quant Time: Dec 20 02:02:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	101731	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	374715	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	185824	20.00	ng	-0.02
64) Phenanthrene-d10	16.90	188	371838	20.00	ng	-0.02
76) Chrysene-d12	21.13	240	440370	20.00	ng	-0.01
87) Perylene-d12	23.29	264	509951	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	843702	138.54	ng	0.00
7) Phenol-d6	6.69	99	1101288	130.11	ng	-0.01
23) Nitrobenzene-d5	8.65	82	708525	96.99	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	323834	118.73	ng	-0.01
45) 2-Fluorobiphenyl	12.75	172	1080756	75.33	ng	-0.02
79) Terphenyl-d14	19.56	244	1235654	63.46	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.12	88	93455	38.739	ng	98
3) Pyridine	3.50	79	272674	38.421	ng	98
4) n-Nitrosodimethylamine	3.42	42	121062	49.559	ng	# 97
6) Aniline	6.83	93	238376	22.449	ng	98
8) 2-Chlorophenol	7.06	128	292795	40.693	ng	95
9) Benzaldehyde	6.65	77	99908	19.364	ng	92
10) Phenol	6.72	94	428655	47.818	ng	99
11) bis(2-Chloroethyl)ether	6.93	93	282341	39.630	ng	99
12) 1,3-Dichlorobenzene	7.37	146	311768	38.802	ng	99
13) 1,4-Dichlorobenzene	7.52	146	318023	38.978	ng	99
14) 1,2-Dichlorobenzene	7.83	146	303005	38.524	ng	99
15) Benzyl Alcohol	7.74	79	270676	39.245	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.00	45	230203	35.906	ng	93
17) 2-Methylphenol	7.94	107	238145	39.786	ng	95
18) Hexachloroethane	8.53	117	120309	40.230	ng	97
19) n-Nitroso-di-n-propylamine	8.29	70	234705	37.136	ng	96
20) 3+4-Methylphenols	8.27	107	311891	37.186	ng	97
22) Acetophenone	8.31	105	432012	43.566	ng	# 98
24) Nitrobenzene	8.69	77	340401	46.634	ng	97
25) Isophorone	9.20	82	575010	47.278	ng	98
26) 2-Nitrophenol	9.39	139	148691	41.532	ng	93
27) 2,4-Dimethylphenol	9.46	122	236980	45.928	ng	98
28) bis(2-Chloroethoxy)methane	9.69	93	347565	43.840	ng	99
29) 2,4-Dichlorophenol	9.92	162	239847	41.925	ng	97
30) 1,2,4-Trichlorobenzene	10.12	180	271803	41.769	ng	93
31) Naphthalene	10.30	128	813413	44.394	ng	99
32) Benzoic acid	9.59	122	58333m	11.939	ng	
33) 4-Chloroaniline	10.44	127	108447	13.512	ng	97
34) Hexachlorobutadiene	10.57	225	165714	40.265	ng	97
35) Caprolactam	11.23	113	70409m	32.299	ng	
36) 4-Chloro-3-methylphenol	11.57	107	262199	38.143	ng	99
37) 2-Methylnaphthalene	11.92	142	558405	43.215	ng	98
38) 1-Methylnaphthalene	12.15	142	526385	41.748	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.30	216	280512	43.898	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
 Data File : BM018308.D
 Acq On : 19 Dec 2018 22:12
 Operator : JU/SJ
 Sample : J6378-19MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS001-0612-01MSD

Manual Integrations
 APPROVED

Sohil
 12/20/2018 2:55:10 PM

Quant Time: Dec 20 02:02:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.26	237	232167	82.668	nq	99
43) 2,4,6-Trichlorophenol	12.56	196	180703	43.968	nq	99
44) 2,4,5-Trichlorophenol	12.64	196	188076	43.105	nq	96
46) 1,1'-Biphenyl	12.96	154	677728	40.540	nq	100
47) 2-Chloronaphthalene	13.00	162	529378	43.024	nq	99
48) 2-Nitroaniline	13.23	65	166622	43.960	nq	90
49) Acenaphthylene	13.86	152	823784	44.427	nq	98
50) Dimethylphthalate	13.62	163	694000	44.923	nq	100
51) 2,6-Dinitrotoluene	13.75	165	136981	40.334	nq	90
52) Acenaphthene	14.21	154	468582	41.351	nq	99
53) 3-Nitroaniline	14.08	138	99534	27.850	nq	87
54) 2,4-Dinitrophenol	14.30	184	121085	64.633	nq	93
55) Dibenzofuran	14.54	168	744549	40.891	nq	97
56) 4-Nitrophenol	14.42	139	202290	74.654	nq	86
57) 2,4-Dinitrotoluene	14.55	165	186426	39.713	nq	# 90
58) Fluorene	15.20	166	591468	42.058	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.79	232	163133	41.515	nq	# 97
60) Diethylphthalate	14.99	149	626770	37.594	nq	97
61) 4-Chlorophenyl-phenylether	15.20	204	304512	38.287	nq	98
62) 4-Nitroaniline	15.26	138	117631	34.687	nq	87
63) Azobenzene	15.50	77	639538	42.070	nq	97
65) 4,6-Dinitro-2-methylphenol	15.32	198	92158	33.667	nq	92
66) n-Nitrosodiphenylamine	15.43	169	515439	41.919	nq	100
67) 4-Bromophenyl-phenylether	16.10	248	177801	39.482	nq	100
68) Hexachlorobenzene	16.21	284	193142	39.149	nq	98
69) Atrazine	16.40	200	183933	44.310	nq	98
70) Pentachlorophenol	16.56	266	234817	72.069	nq	98
71) Phenanthrene	16.95	178	872472	43.197	nq	100
72) Anthracene	17.04	178	867589	43.299	nq	99
73) Carbazole	17.33	167	795204	38.665	nq	100
74) Di-n-butylphthalate	17.89	149	981811	38.691	nq	100
75) Fluoranthene	18.98	202	1032381	43.964	nq	99
77) Benzidine	19.19	184	247944	22.203	nq	99
78) Pyrene	19.34	202	1050185	40.023	nq	100
80) Butylbenzylphthalate	20.27	149	472573	37.858	nq	95
81) Benzo(a)anthracene	21.12	228	1140107	44.320	nq	99
82) 3,3'-Dichlorobenzidine	21.06	252	325303	31.653	nq	98
83) Chrysene	21.17	228	1063609	42.986	nq	99
84) Bis(2-ethylhexyl)phthalate	21.06	149	703025	37.789	nq	99
85) Di-n-octyl phthalate	21.92	149	1287098	42.244	nq	99
86) Indeno(1,2,3-cd)pyrene	25.41	276	1543325	62.617	nq	98
88) Benzo(b)fluoranthene	22.65	252	1252937	43.740	nq	99
89) Benzo(k)fluoranthene	22.69	252	1210992	42.450	nq	99
90) Benzo(a)pyrene	23.20	252	1217653	44.694	nq	99
91) Dibenzo(a,h)anthracene	25.43	278	1296168	51.360	nq	99
92) Benzo(g,h,i)perylene	26.07	276	1275060	53.448	nq	98

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

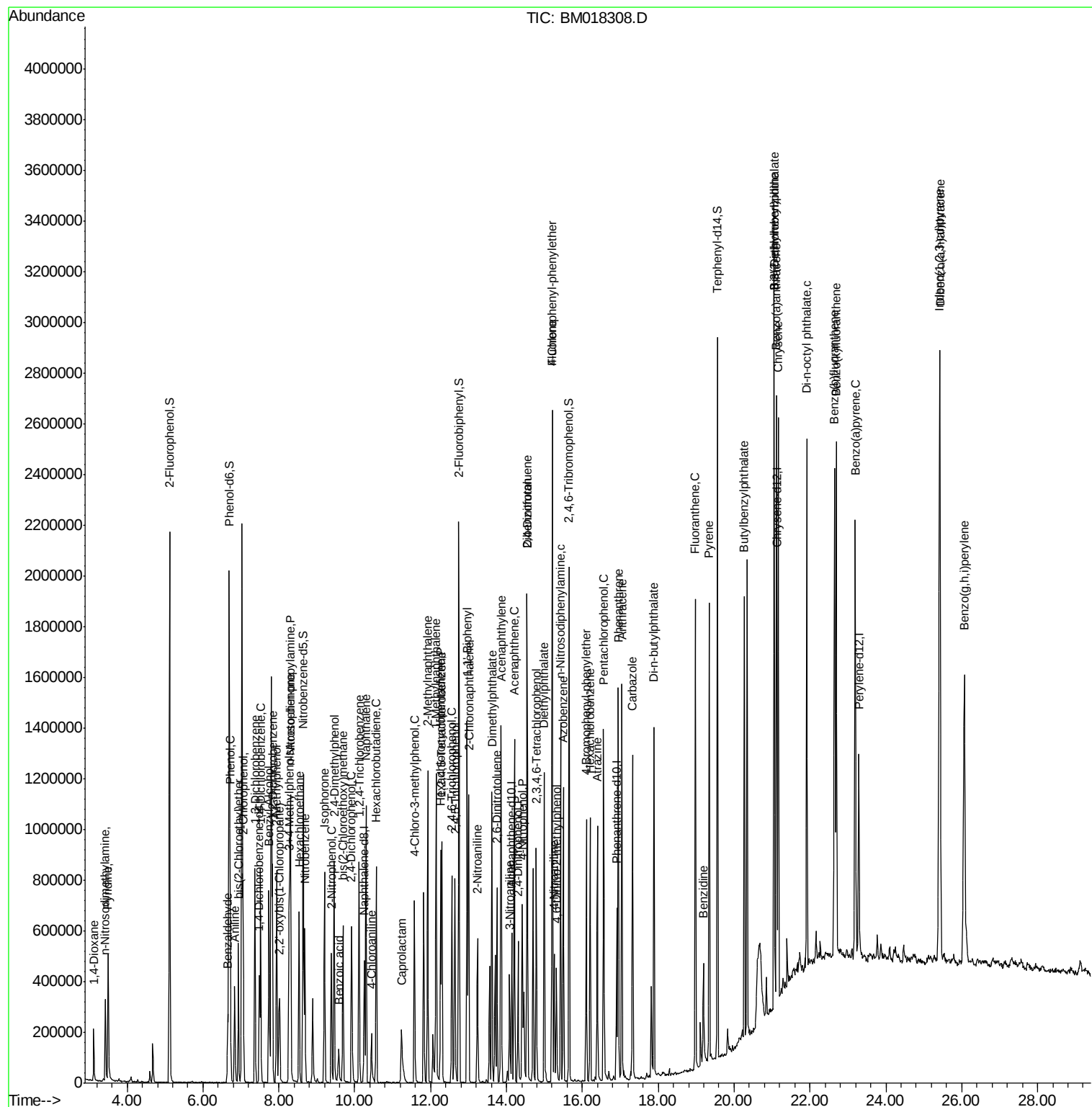
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
Data File : BM018308.D
Acq On : 19 Dec 2018 22:12
Operator : JU/SJ
Sample : J6378-19MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

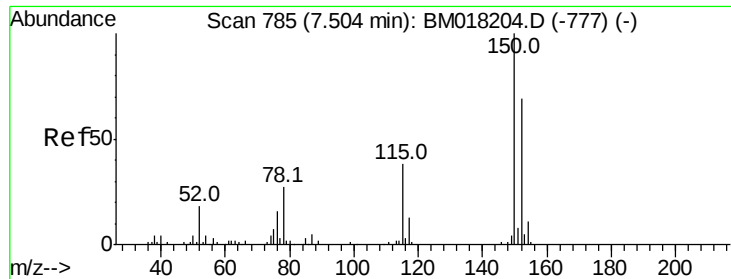
Instrument :
BNA_M
Client Sample Id :
P001-SS001-0612-01MSD

Manual Integrations
APPROVED

Sohil
12/20/2018 2:55:10 PM

Quant Time: Dec 20 02:02:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 21:39:37 2018
Response via : Initial Calibration





#1

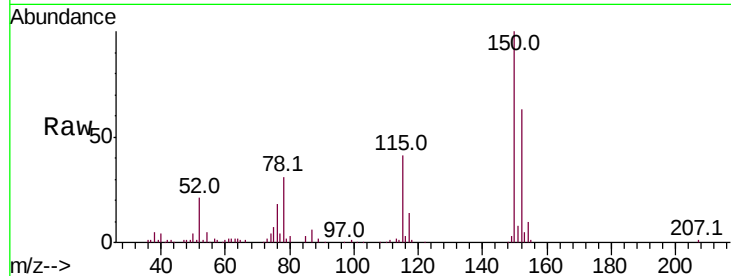
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.48 min Scan# 781
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	116.1	174.1
115	64.1	44.6	67.0

Manual Integrations
APPROVED

Sohil
12/20/2018 2:55:10 PM

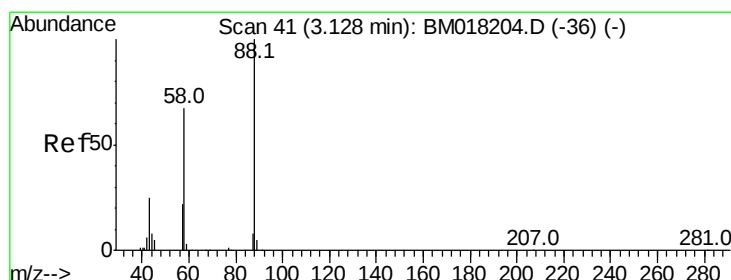
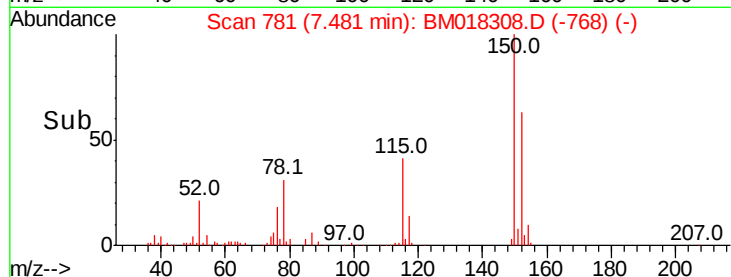
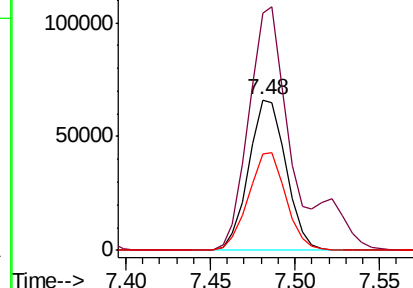


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

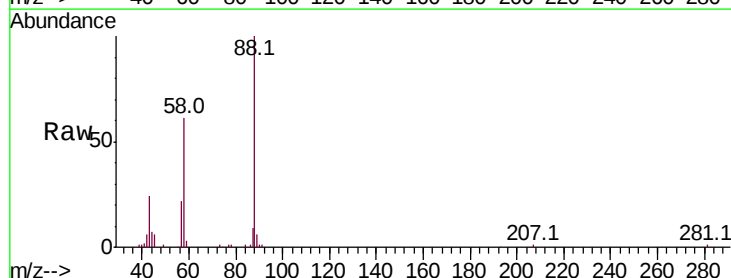
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.739 ng
RT: 3.12 min Scan# 40
Delta R.T. -0.01 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.5	49.8	74.6
43	23.6	19.1	28.7

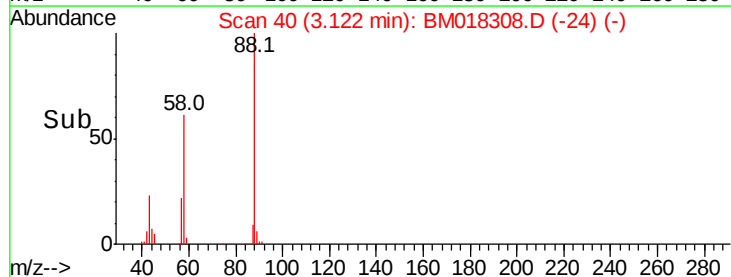
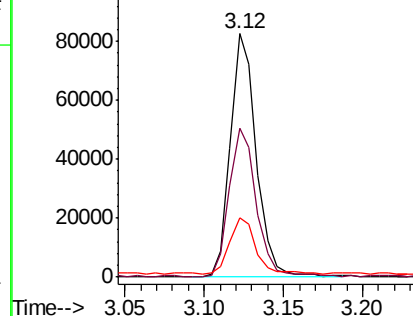


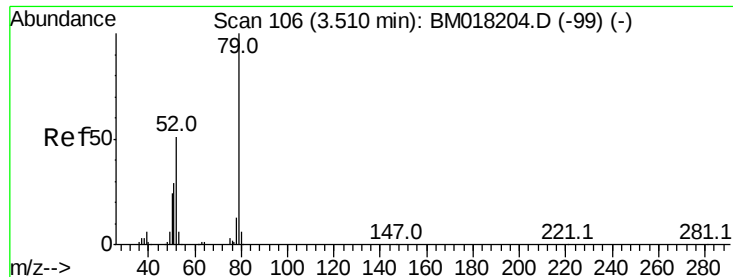
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 38.421 ng

RT: 3.50 min Scan# 104

Delta R.T. -0.01 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Instrument :

BNA_M

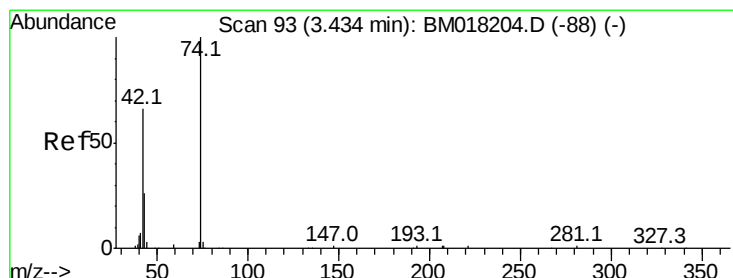
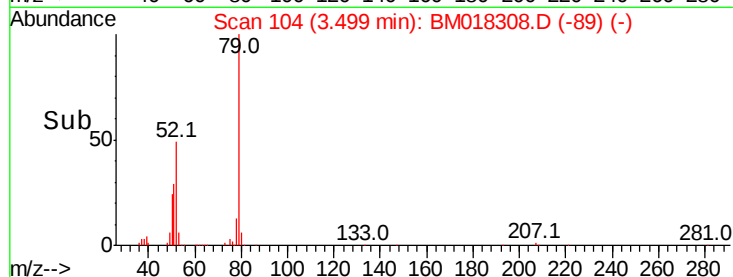
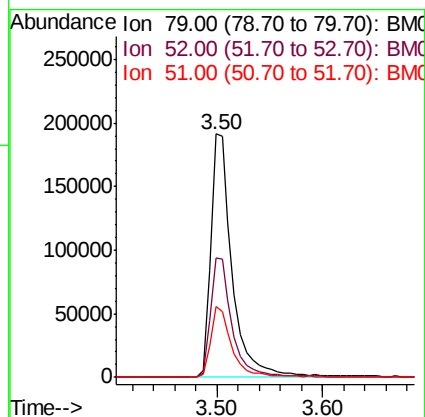
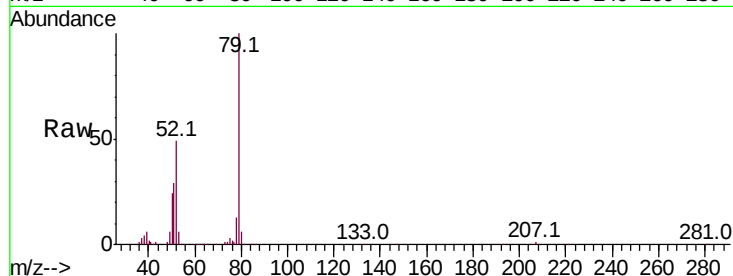
ClientSampleId :

P001-SS001-0612-01MSD

Tot Ion:	79	Resp:	272674
Ion Ratio	Lower	Upper	
79	100		
52	49.1	40.7	61.1
51	29.0	23.0	34.6

Manual Integrations
APPROVED

Sohil
12/20/2018 2:55:10 PM



#4

n-Nitrosodimethylamine

Concen: 49.559 ng

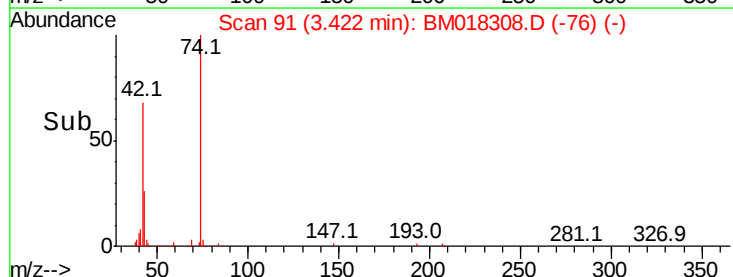
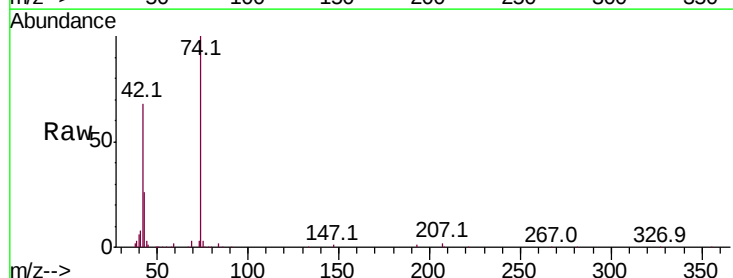
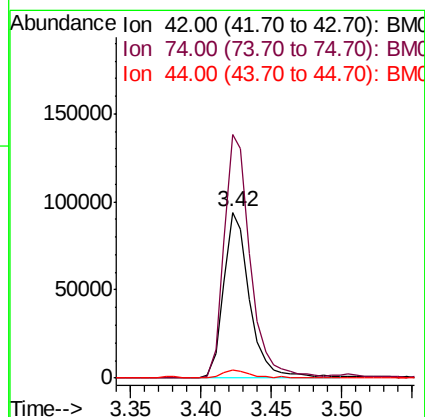
RT: 3.42 min Scan# 91

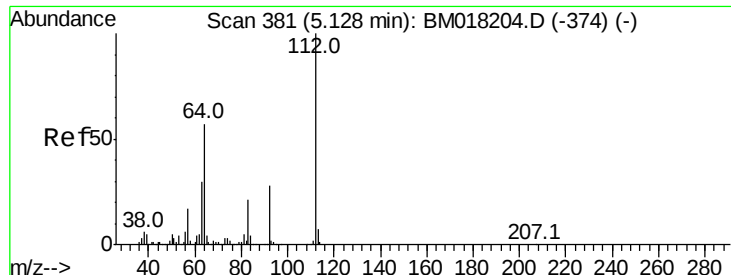
Delta R.T. -0.01 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Tgt Ion:	42	Resp:	121062
Ion Ratio	Lower	Upper	
42	100		
74	146.9	120.4	180.6
44	4.5	4.6	7.0#





#5

2-Fluorophenol

Concen: 138.541 ng

RT: 5.12 min Scan# 380

Delta R.T. -0.01 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Instrument :

BNA_M

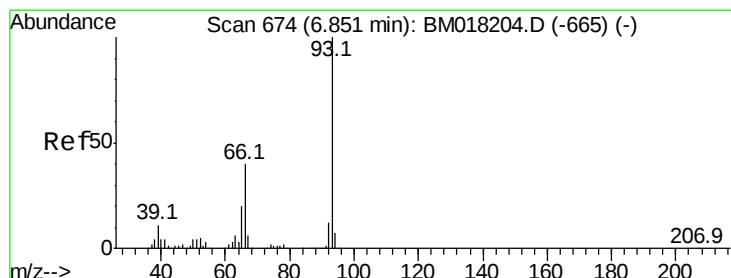
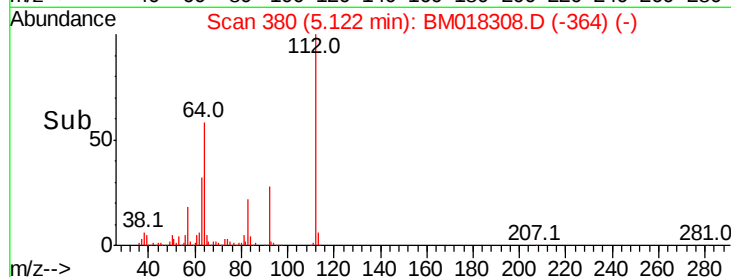
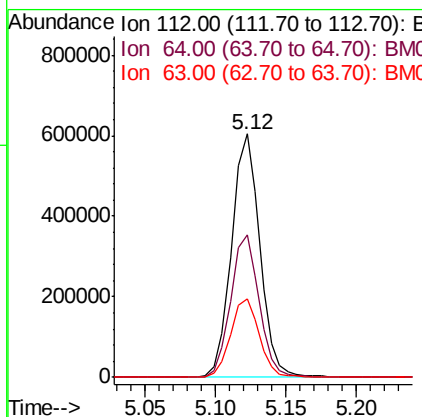
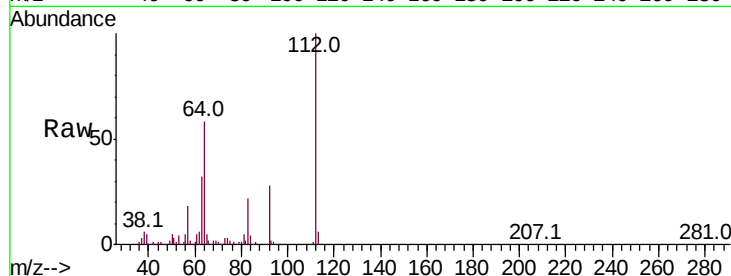
ClientSampleId :

P001-SS001-0612-01MSD

Tot Ion:	112	Resp:	843702
Ion Ratio	Lower	Upper	
112	100		
64	58.3	45.4	68.2
63	32.3	24.0	36.0

Manual Integrations
APPROVED

Sohil
12/20/2018 2:55:10 PM



#6

Aniline

Concen: 22.449 ng

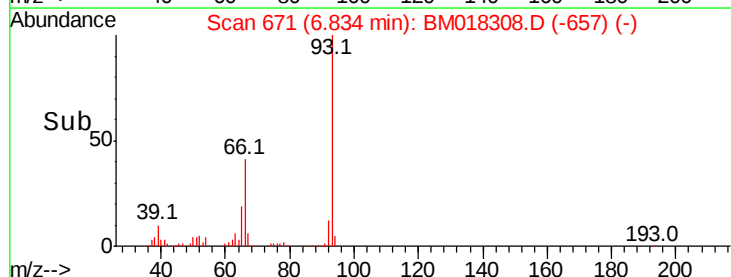
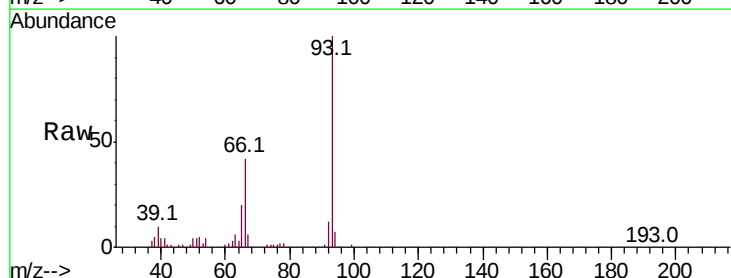
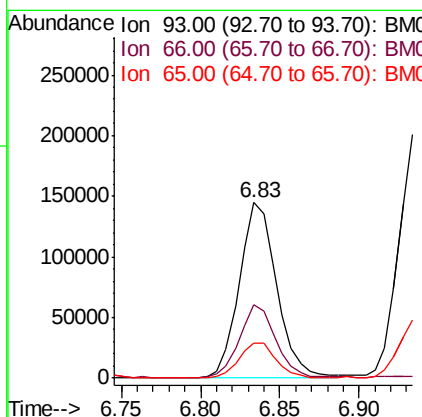
RT: 6.83 min Scan# 671

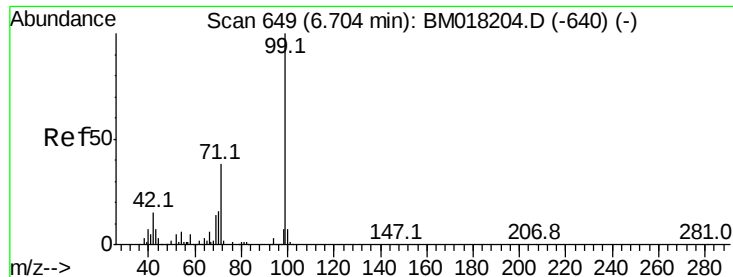
Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Tgt Ion:	93	Resp:	238376
Ion Ratio	Lower	Upper	
93	100		
66	41.8	32.3	48.5
65	19.8	16.2	24.4





#7

Phenol-d6

Concen: 130.107 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MSD

Tot Ion: 99 Resp: 1101288

Ion Ratio Lower Upper

99 100

42 15.9 12.3 18.5

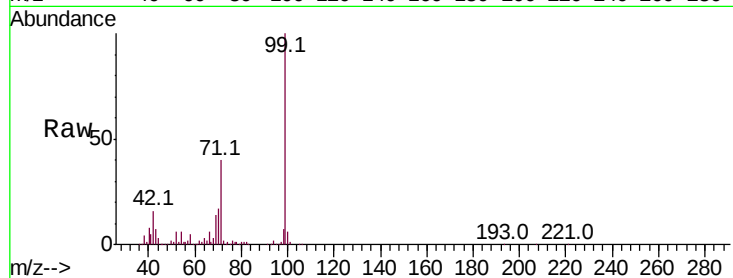
71 39.6 30.2 45.2

Manual Integrations

APPROVED

Sohil

12/20/2018 2:55:10 PM

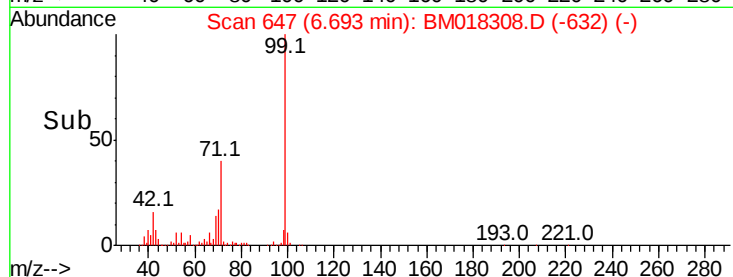


Abundance Ion 99.00 (98.70 to 99.70): BM018204.D (-640) (-)

Ion 42.00 (41.70 to 42.70): BM018204.D (-640) (-)

Ion 71.00 (70.70 to 71.70): BM018204.D (-640) (-)

6.69



Abundance Ion 99.00 (98.70 to 99.70): BM018308.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM018308.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM018308.D (-632) (-)

6.69

800000

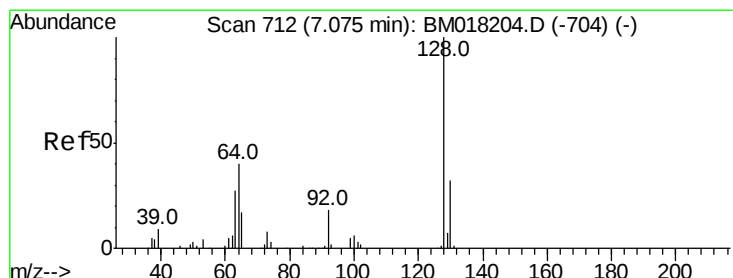
600000

400000

200000

0

Time--> 6.60 6.65 6.70 6.75



#8

2-Chlorophenol

Concen: 40.693 ng

RT: 7.06 min Scan# 709

Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

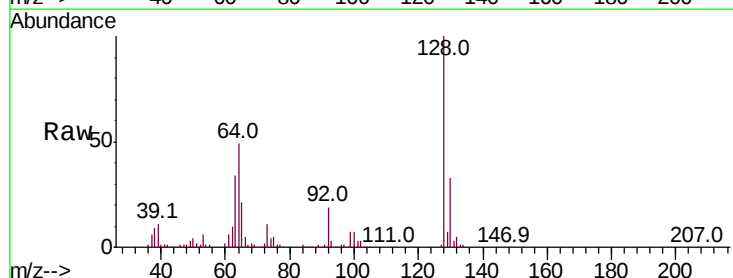
Tgt Ion:128 Resp: 292795

Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

64 49.0 24.1 64.1

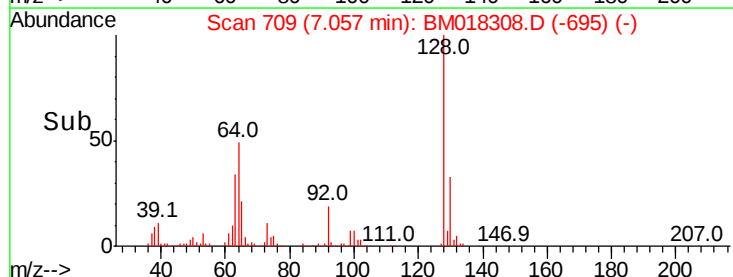


Abundance Ion 128.00 (127.70 to 128.70): BM018204.D (-704) (-)

Ion 130.00 (129.70 to 130.70): BM018204.D (-704) (-)

Ion 64.00 (63.70 to 64.70): BM018204.D (-704) (-)

7.06



Abundance Ion 128.00 (127.70 to 128.70): BM018308.D (-695) (-)

Ion 130.00 (129.70 to 130.70): BM018308.D (-695) (-)

Ion 64.00 (63.70 to 64.70): BM018308.D (-695) (-)

7.06

250000

200000

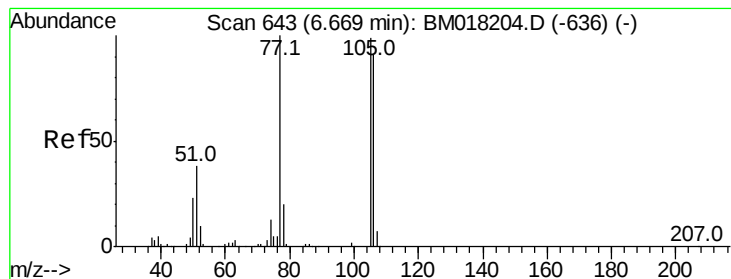
150000

100000

50000

0

Time--> 7.00 7.05 7.10 7.15



#9

Benzaldehyde

Concen: 19.364 ng

RT: 6.65 min Scan# 640

Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Instrument :

BNA_M

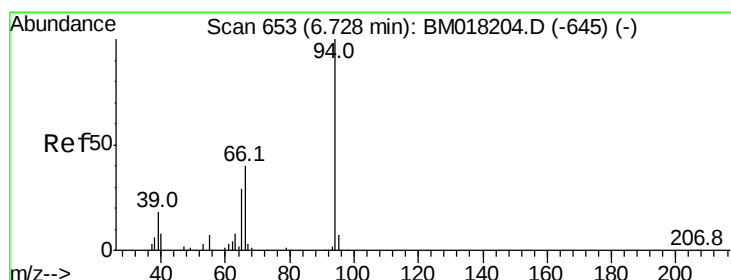
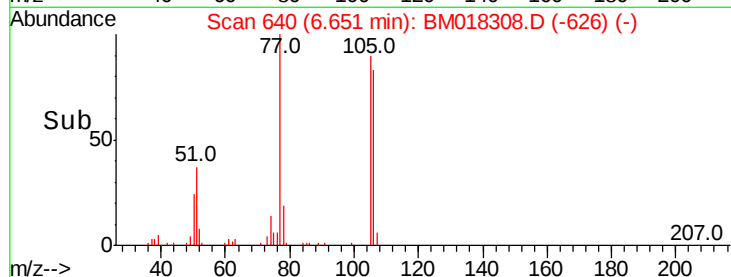
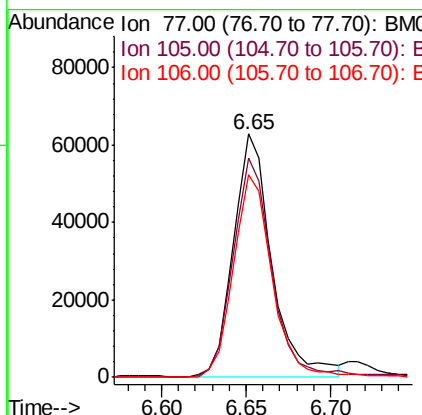
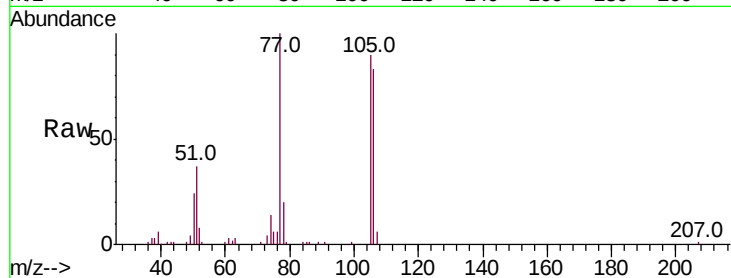
ClientSampleId :

P001-SS001-0612-01MSD

Tot Ion:	77	Resp:	99908
Ion Ratio	Lower	Upper	
77	100		
105	90.3	78.8	118.8
106	83.1	70.7	110.7

Manual Integrations
APPROVED

Sohil
12/20/2018 2:55:10 PM



#10

Phenol

Concen: 47.818 ng

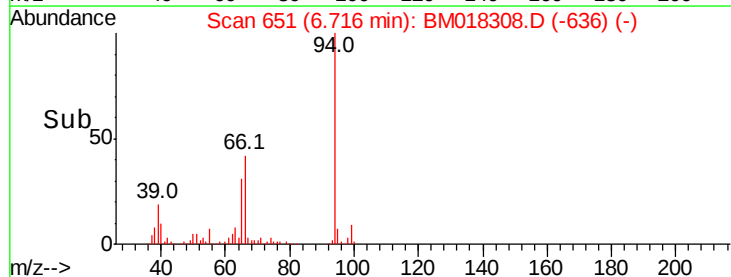
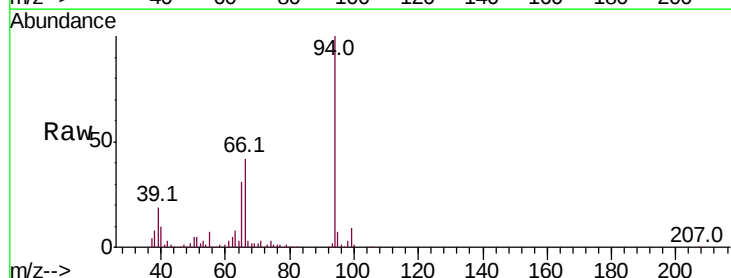
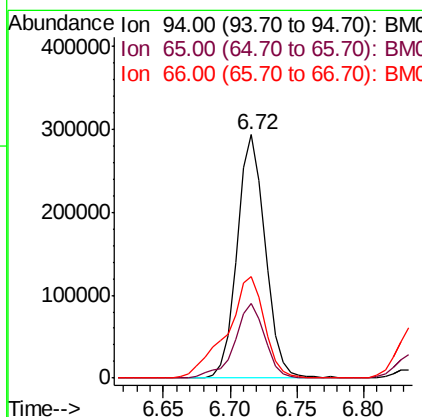
RT: 6.72 min Scan# 651

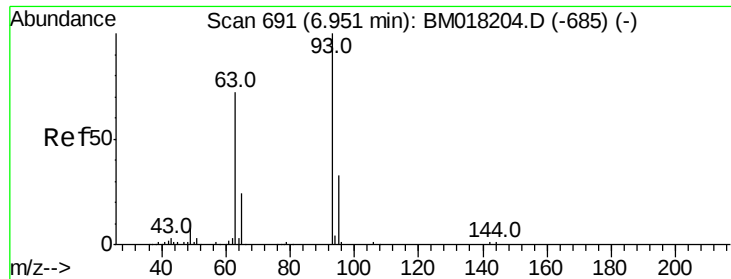
Delta R.T. -0.01 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Tgt Ion:	94	Resp:	428655
Ion Ratio	Lower	Upper	
94	100		
65	30.6	9.5	49.5
66	41.8	21.3	61.3





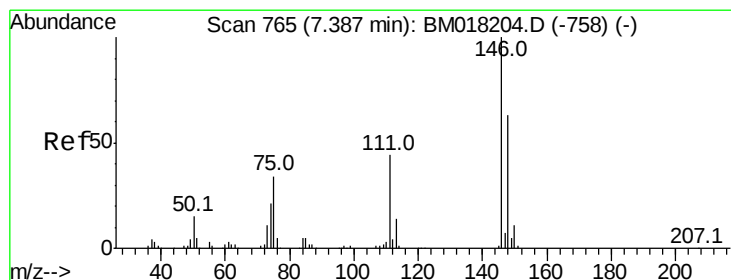
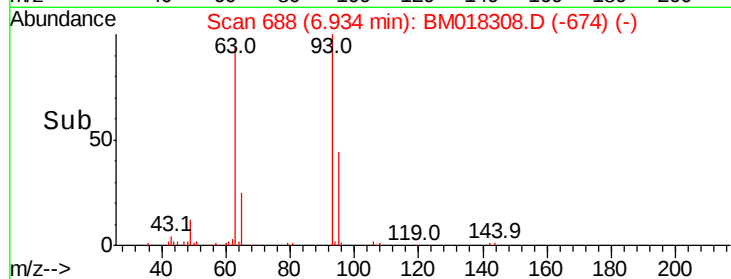
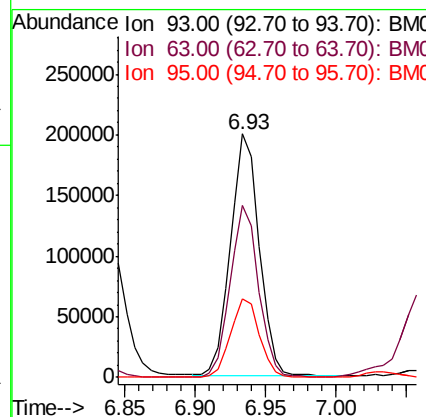
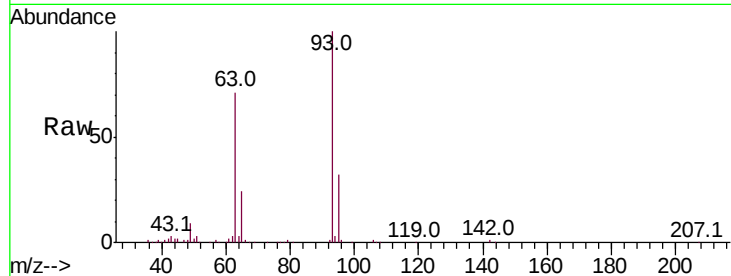
#11
bis(2-Chloroethyl)ether
Concen: 39.630 ng
RT: 6.93 min Scan# 688
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.7	51.7	91.7
95	32.2	13.1	53.1

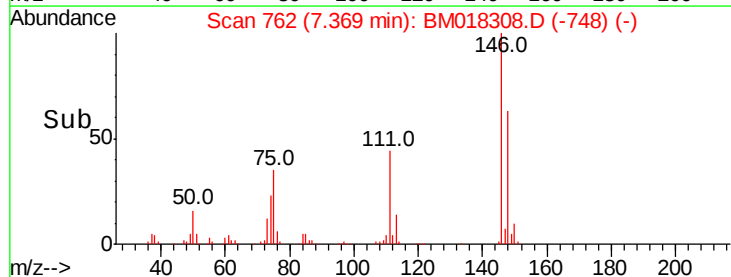
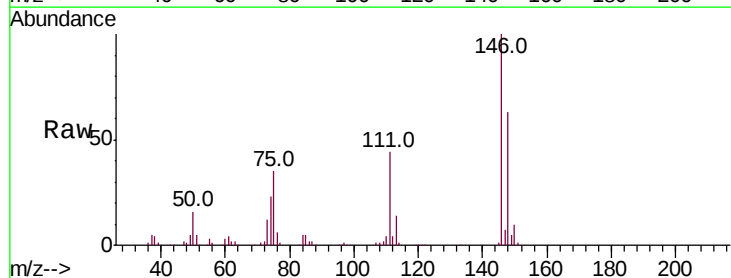
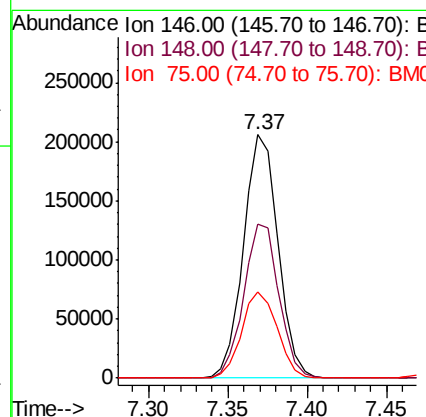
Manual Integrations
APPROVED

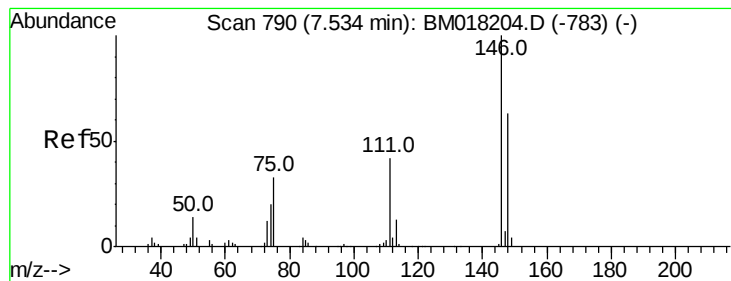
Sohil
12/20/2018 2:55:10 PM



#12
1,3-Dichlorobenzene
Concen: 38.802 ng
RT: 7.37 min Scan# 762
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.6	76.0
75	35.5	27.0	40.4





#13

1,4-Dichlorobenzene

Concen: 38.978 ng

RT: 7.52 min Scan# 788

Delta R.T. -0.01 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Instrument :

BNA_M

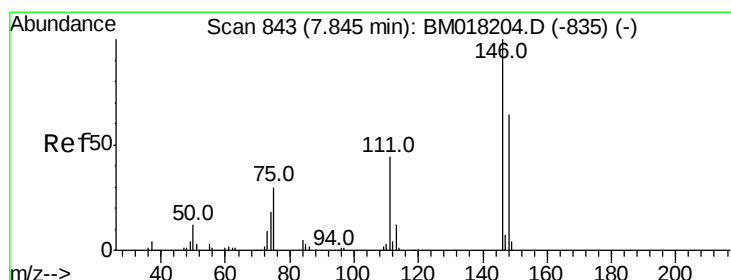
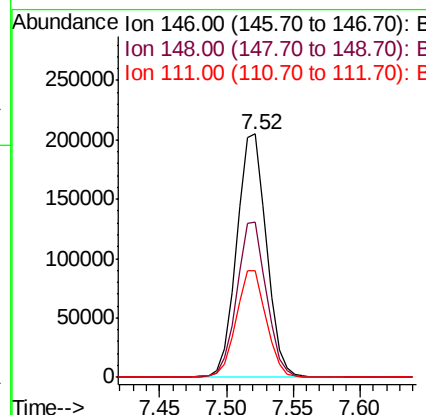
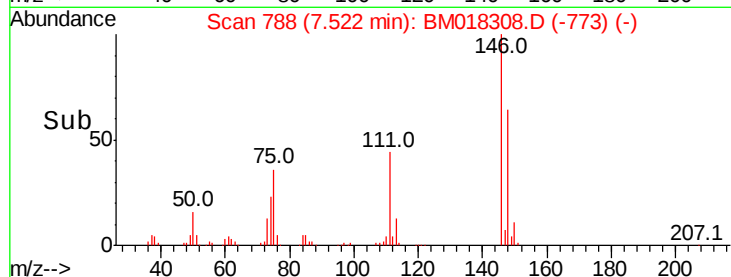
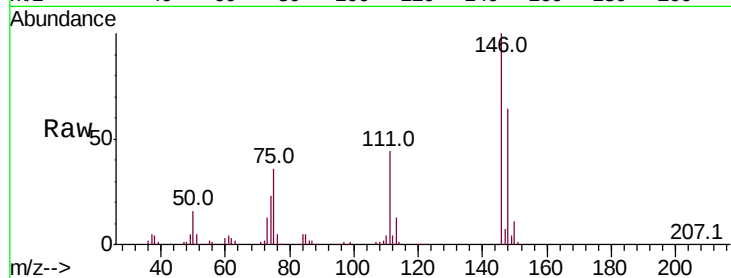
ClientSampleId :

P001-SS001-0612-01MSD

Tot Ion:	146	Resp:	318023
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.7	76.1
111	43.9	34.2	51.2

Manual Integrations
APPROVED

Sohil
12/20/2018 2:55:10 PM



#14

1,2-Dichlorobenzene

Concen: 38.524 ng

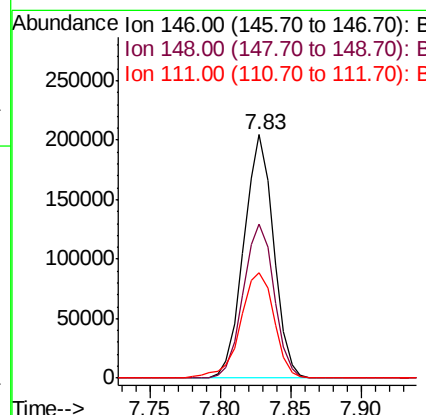
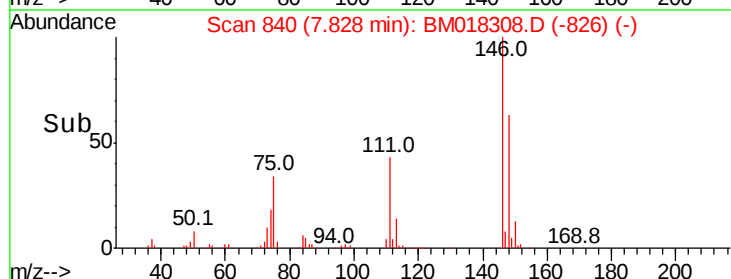
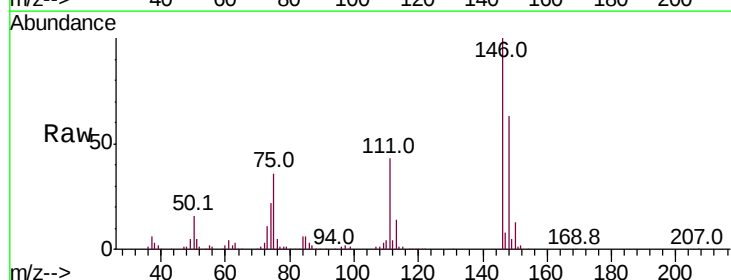
RT: 7.83 min Scan# 840

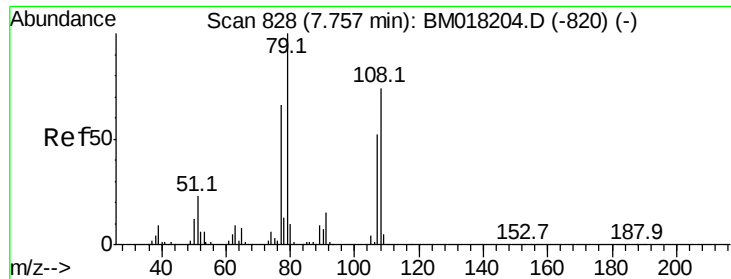
Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Tgt Ion:	146	Resp:	303005
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.3	76.9
111	43.3	35.8	53.8





#15

Benzyl Alcohol

Concen: 39.245 ng

RT: 7.74 min Scan# 825

Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Instrument :

BNA_M

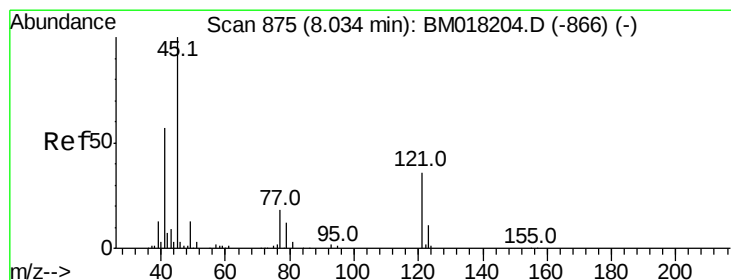
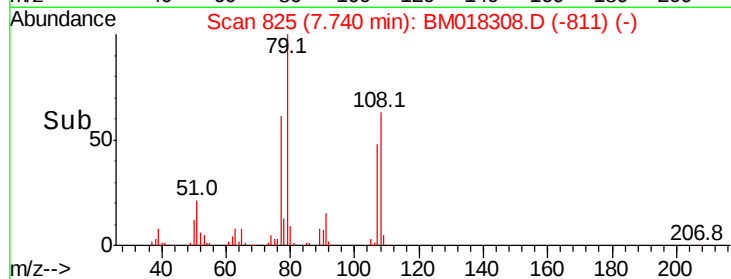
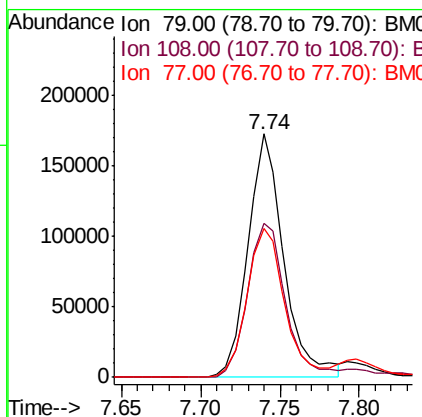
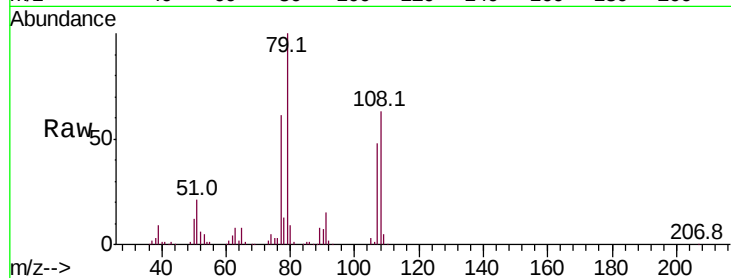
ClientSampleId :

P001-SS001-0612-01MSD

Tot Ion:	79	Resp:	270676
Ion Ratio	Lower	Upper	
79	100		
108	63.4	59.3	88.9
77	61.3	53.0	79.4

Manual Integrations
APPROVED

Sohil
12/20/2018 2:55:10 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.906 ng

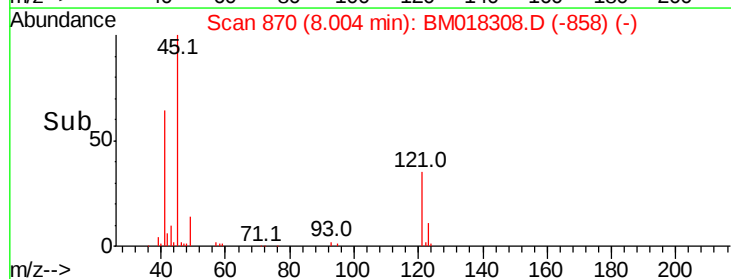
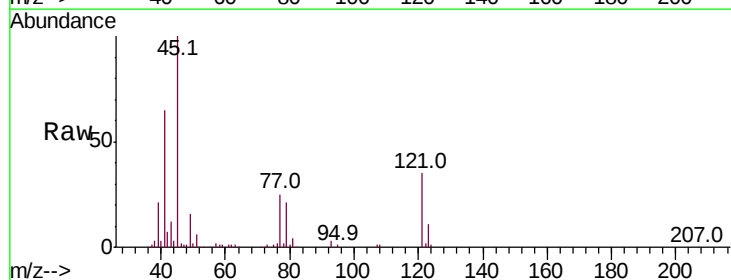
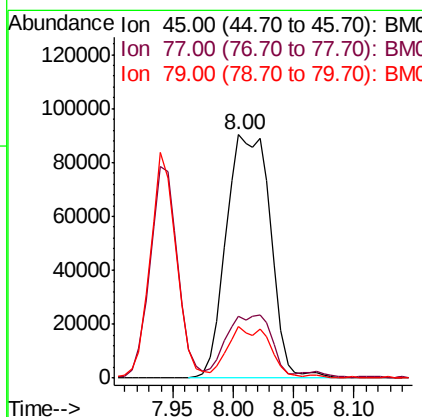
RT: 8.00 min Scan# 870

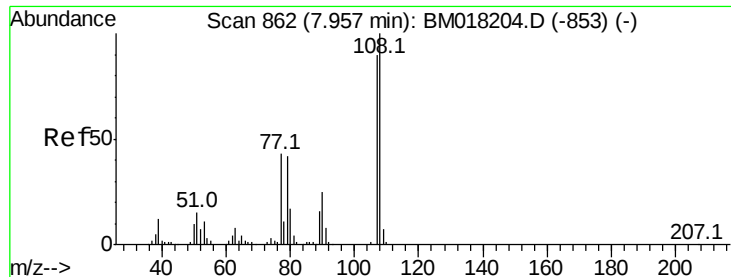
Delta R.T. -0.03 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Tgt Ion:	45	Resp:	230203
Ion Ratio	Lower	Upper	
45	100		
77	25.3	2.5	42.5
79	21.1	0.0	37.2





#17

2-Methylphenol

Concen: 39.786 ng

RT: 7.94 min Scan# 859

Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Instrument :

BNA_M

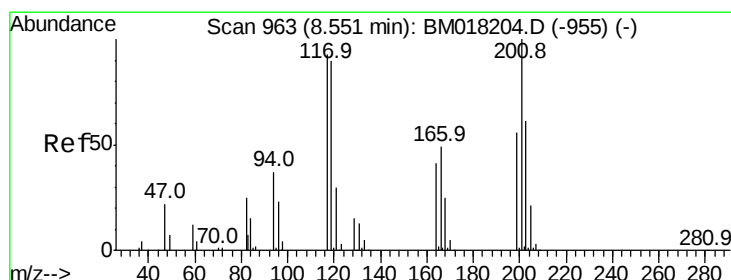
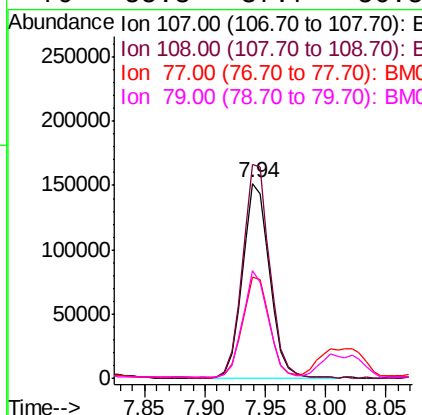
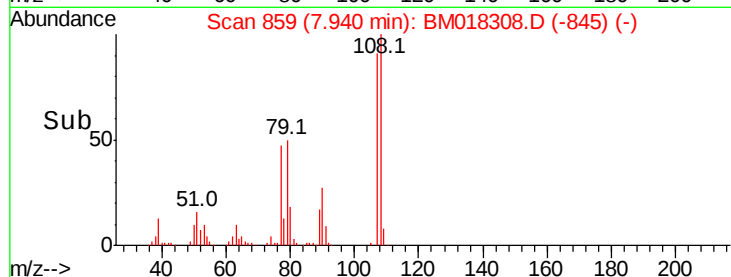
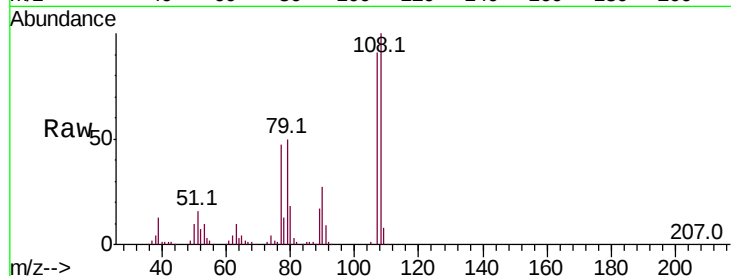
ClientSampleId :

P001-SS001-0612-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.5	89.3	133.9	
77	51.7	38.2	57.4	
79	55.3	37.7	56.5	

Manual Integrations
APPROVED

Sohil
12/20/2018 2:55:10 PM



#18

Hexachloroethane

Concen: 40.230 ng

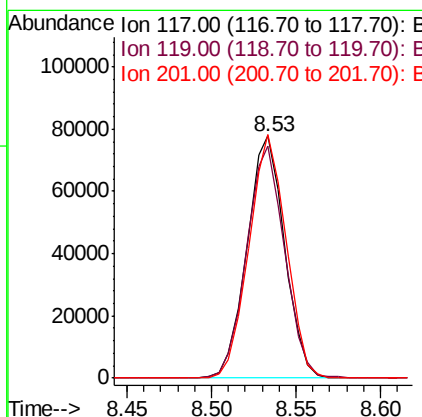
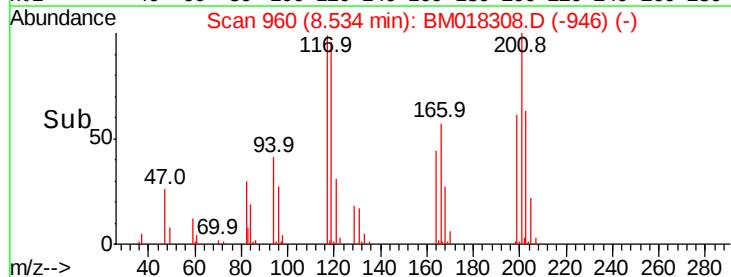
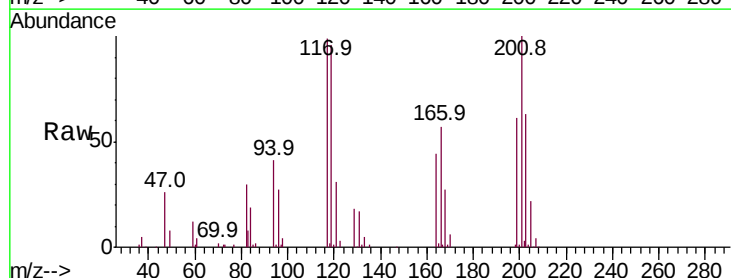
RT: 8.53 min Scan# 960

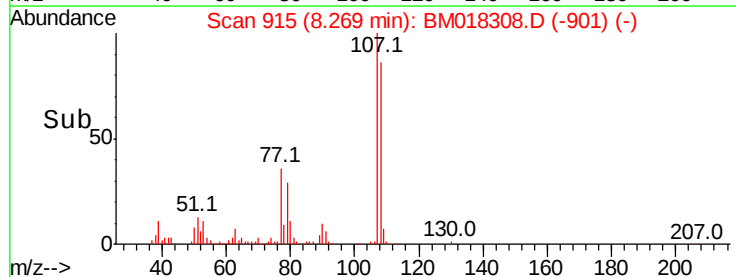
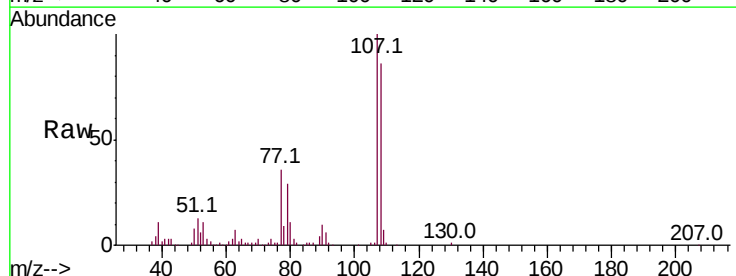
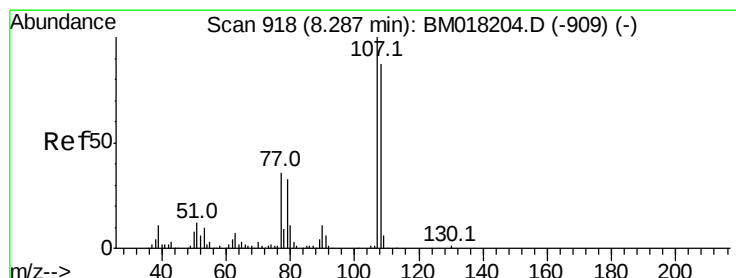
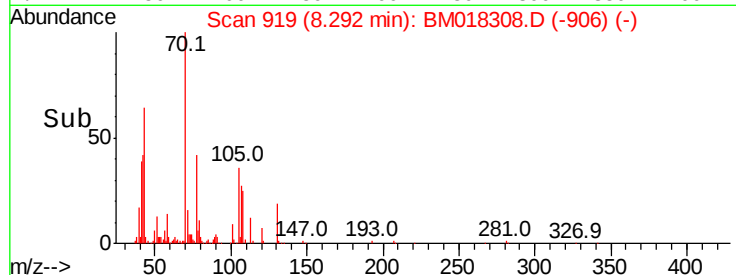
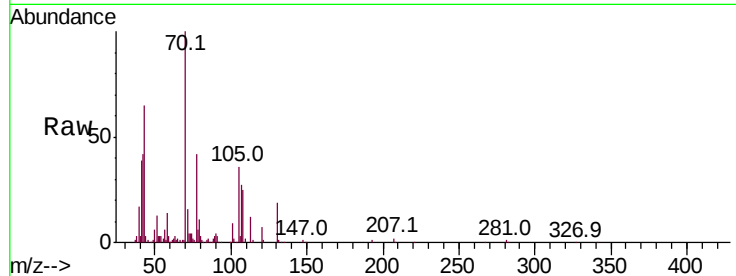
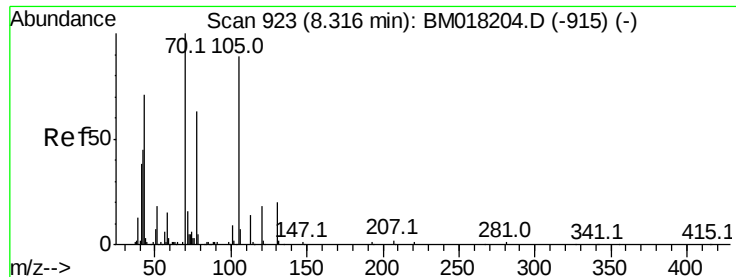
Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.1	77.0	115.4	
201	100.6	85.7	128.5	





#19

n-Nitroso-di-n-propylamine

Concen: 37.136 ng

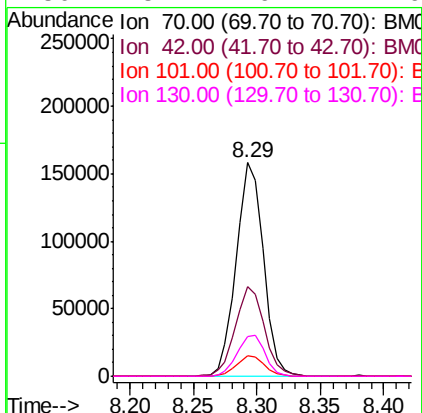
RT: 8.29 min Scan# 919

Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Tot Ion	Ratio	Lower	Upper
70	100		
42	41.7	36.2	54.2
101	9.4	7.5	11.3
130	18.7	16.4	24.6



Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MSD

Manual Integrations
APPROVED

Sohil
12/20/2018 2:55:10 PM

#20

3+4-Methylphenols

Concen: 37.186 ng

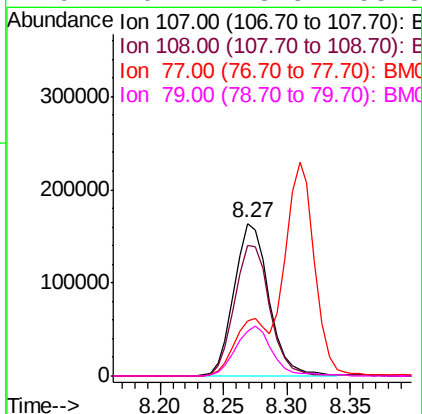
RT: 8.27 min Scan# 915

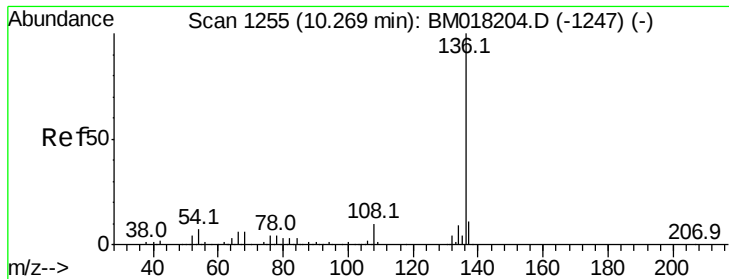
Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.7	67.4	107.4
77	36.0	15.7	55.7
79	29.4	13.3	53.3





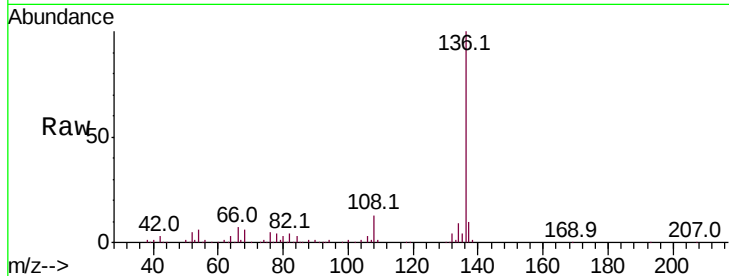
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MSD

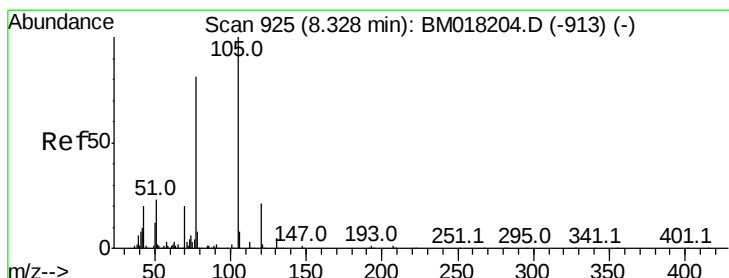
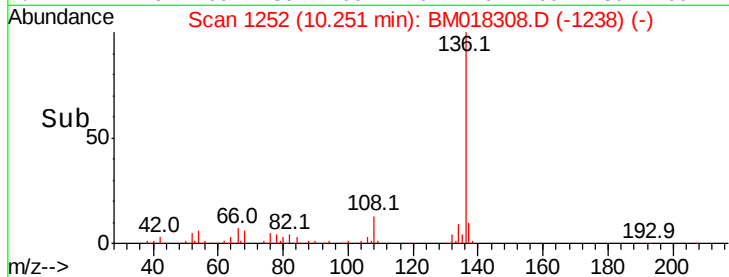
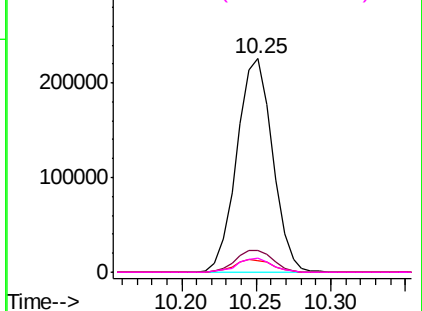
Tot Ion	Ratio	Resp	Lower	Upper
136	100	374715		
137	10.4		9.2	13.8
54	5.7		5.2	7.8
68	6.3		5.0	7.6

Manual Integrations
APPROVED

Sohil
12/20/2018 2:55:10 PM



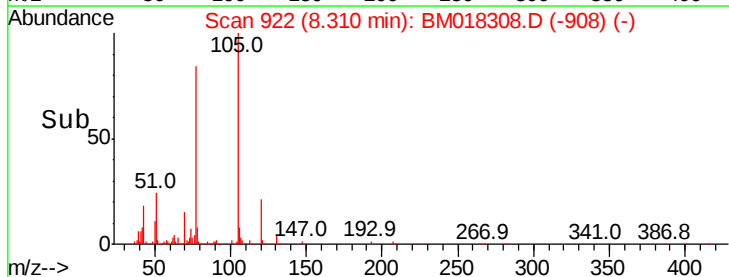
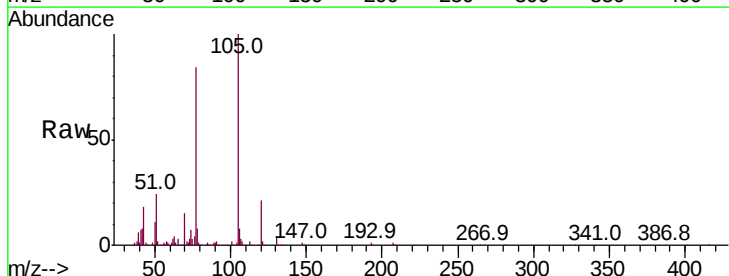
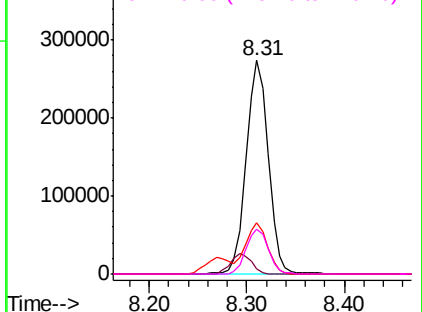
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

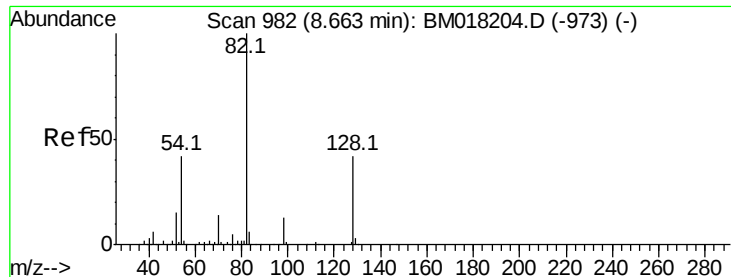


#22
Acetophenone
Concen: 43.566 ng
RT: 8.31 min Scan# 922
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	432012		
71	2.4		2.6	4.0#
51	24.3		18.3	27.5
120	20.7		17.0	25.6

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E





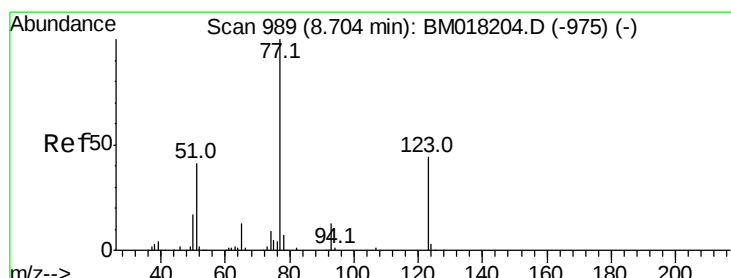
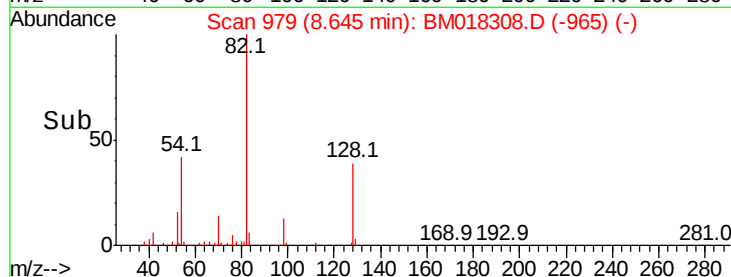
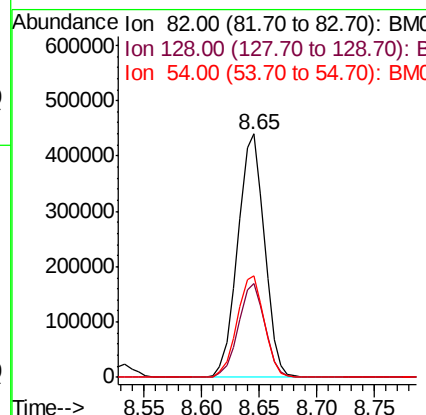
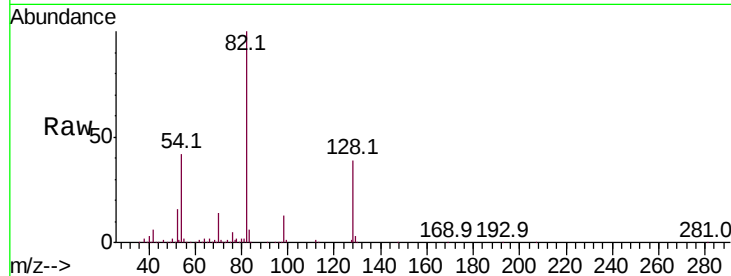
#23
Nitrobenzene-d5
Concen: 96.988 ng
RT: 8.65 min Scan# 979
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MSD

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	38.6	33.4	50.2
54	41.9	33.4	50.2

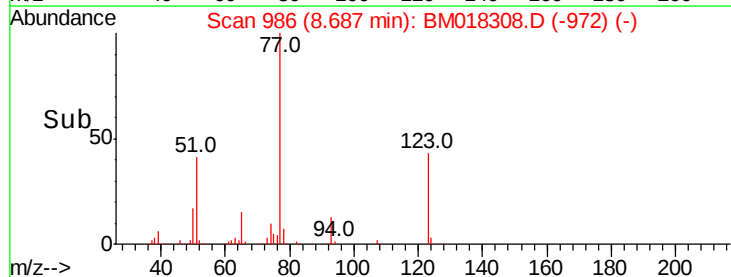
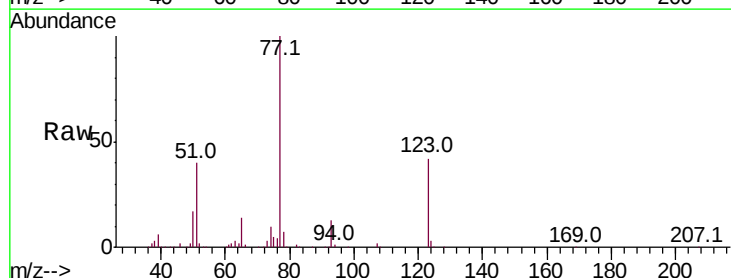
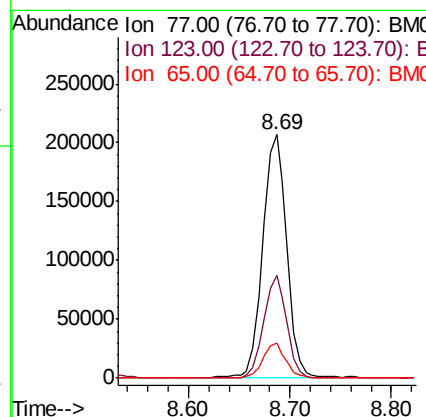
Manual Integrations
APPROVED

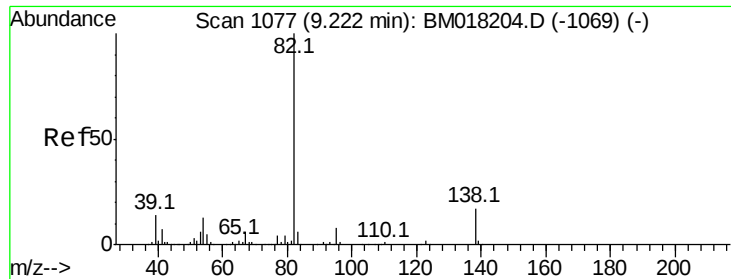
Sohil
12/20/2018 2:55:10 PM



#24
Nitrobenzene
Concen: 46.634 ng
RT: 8.69 min Scan# 986
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	42.5	35.4	53.2
65	14.5	10.6	15.8





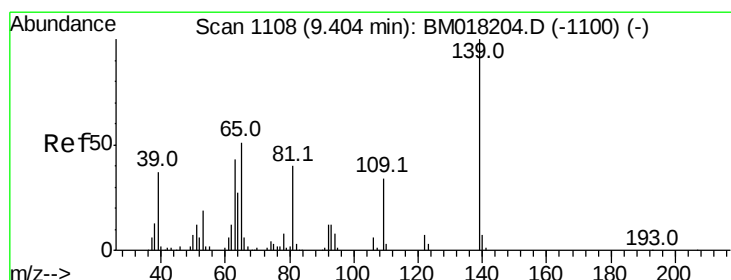
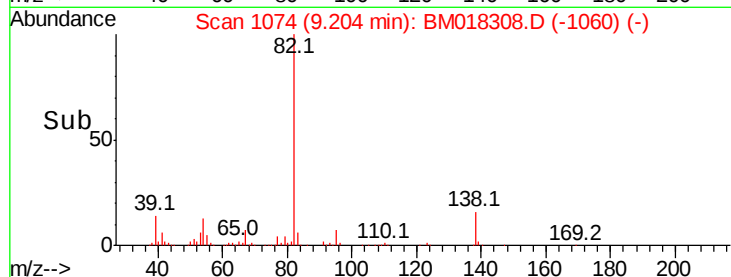
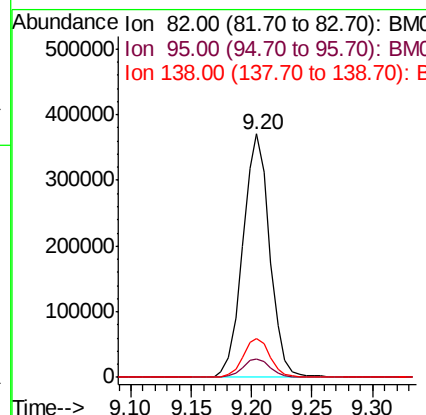
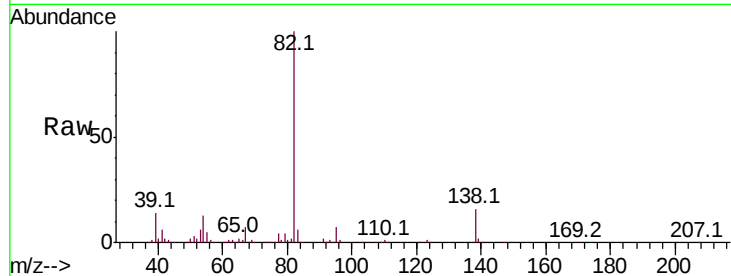
#25
Isophorone
Concen: 47.278 ng
RT: 9.20 min Scan# 1074
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.5	6.4	9.6	
138	16.1	13.9	20.9	

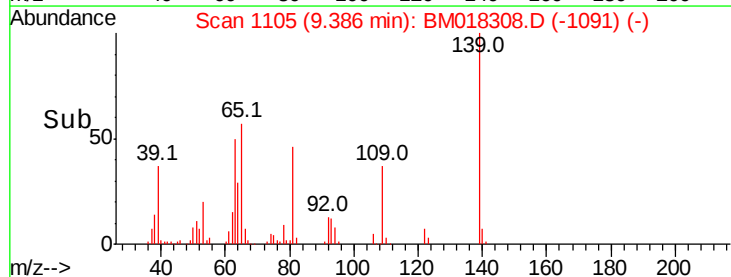
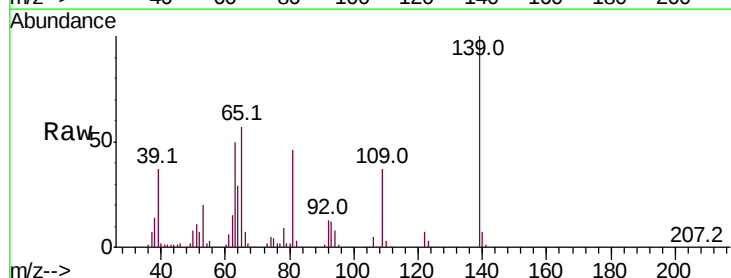
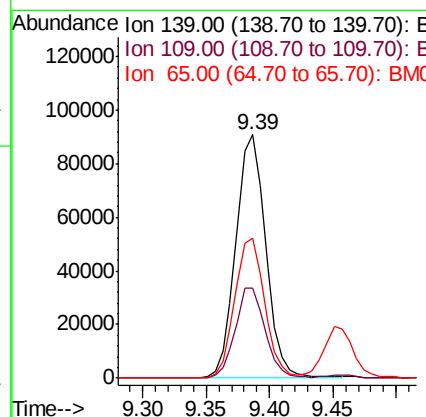
Manual Integrations
APPROVED

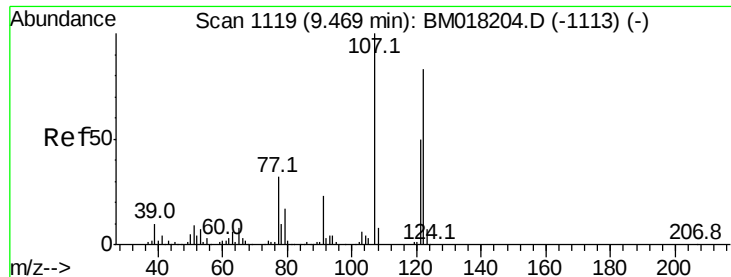
Sohil
12/20/2018 2:55:10 PM



#26
2-Nitrophenol
Concen: 41.532 ng
RT: 9.39 min Scan# 1105
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	36.9	27.4	41.0	
65	57.3	41.0	61.4	





#27

2,4-Dimethylphenol

Concen: 45.928 ng

RT: 9.46 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Instrument :

BNA_M

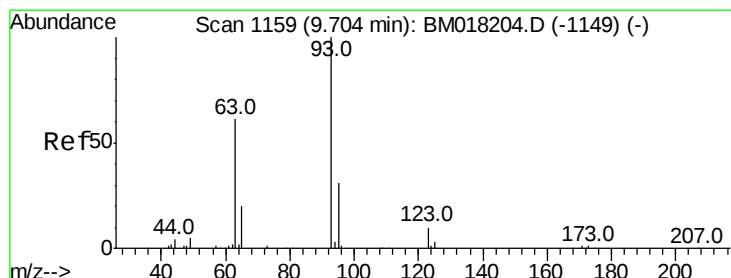
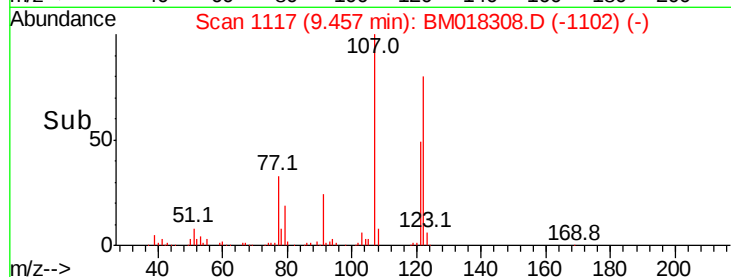
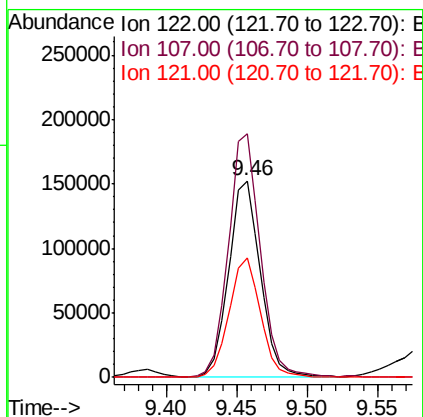
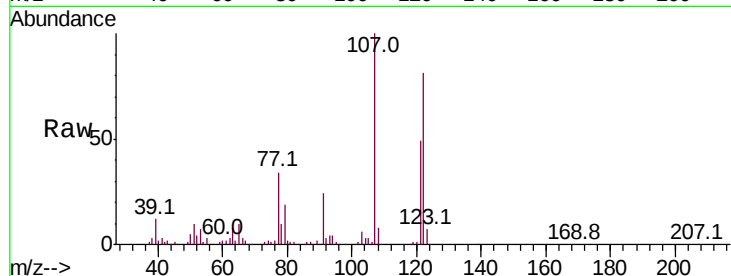
ClientSampleId :

P001-SS001-0612-01MSD

Tot Ion:	122	Resp:	236980
Ion Ratio	Lower	Upper	
122	100		
107	124.0	96.5	144.7
121	61.1	48.2	72.4

Manual Integrations
APPROVED

Sohil
12/20/2018 2:55:10 PM



#28

bis(2-Chloroethoxy)methane

Concen: 43.840 ng

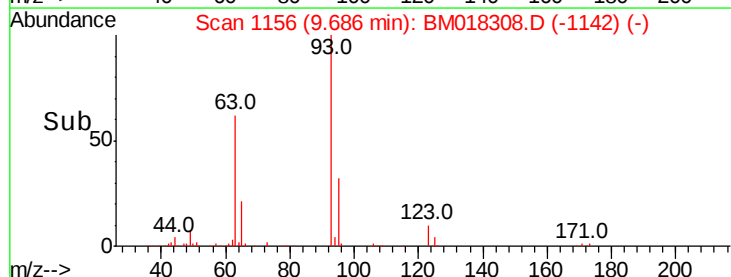
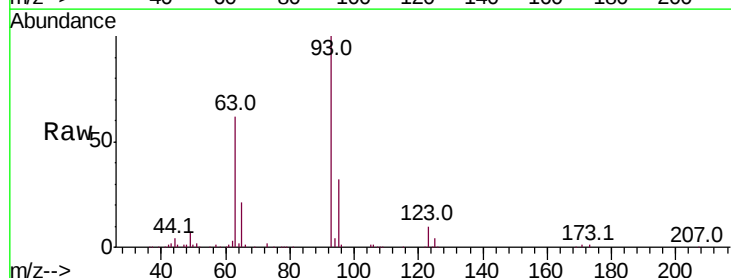
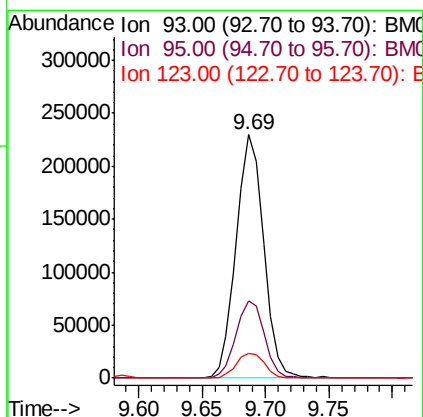
RT: 9.69 min Scan# 1156

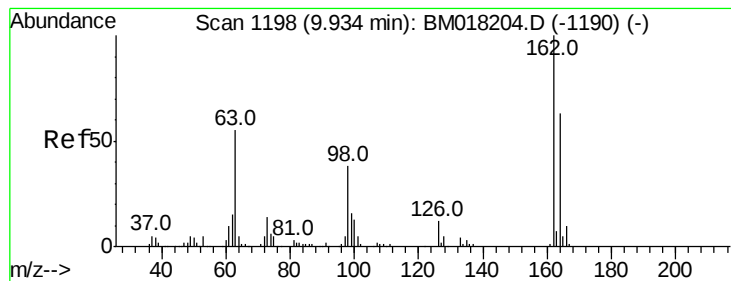
Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Tgt Ion:	93	Resp:	347565
Ion Ratio	Lower	Upper	
93	100		
95	31.8	25.3	37.9
123	10.3	9.3	13.9





#29

2,4-Dichlorophenol

Concen: 41.925 ng

RT: 9.92 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Instrument :

BNA_M

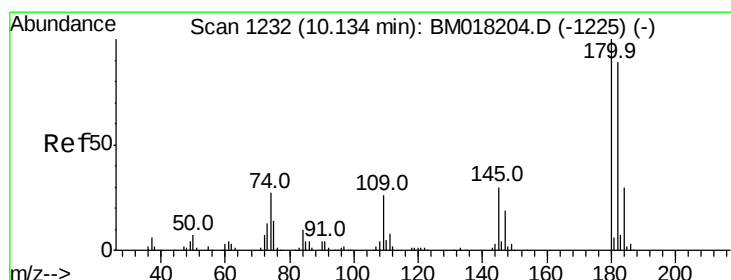
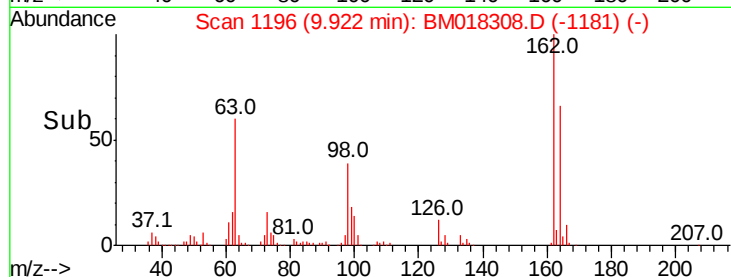
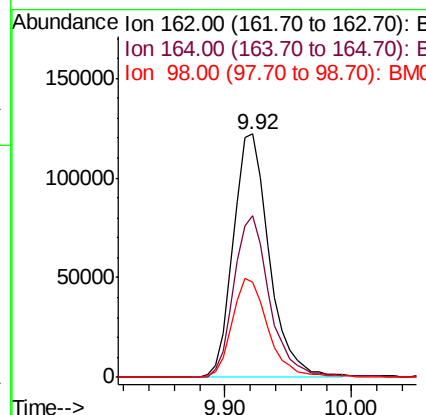
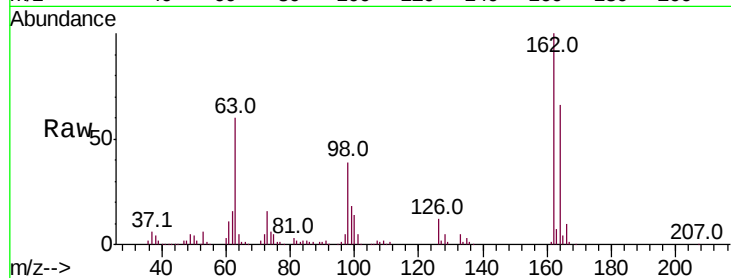
ClientSampleId :

P001-SS001-0612-01MSD

Tot Ion:	162	Resp:	239847
Ion Ratio	Lower	Upper	
162	100		
164	66.2	43.0	83.0
98	39.0	18.3	58.3

Manual Integrations
APPROVED

Sohil
12/20/2018 2:55:10 PM



#30

1,2,4-Trichlorobenzene

Concen: 41.769 ng

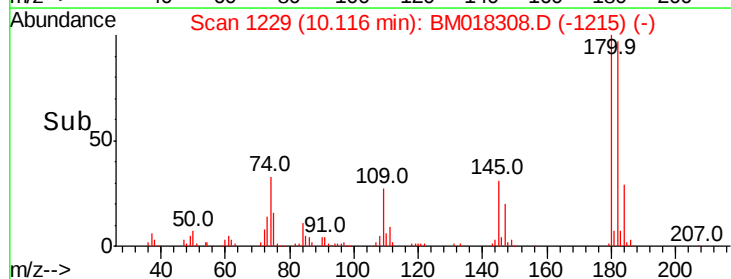
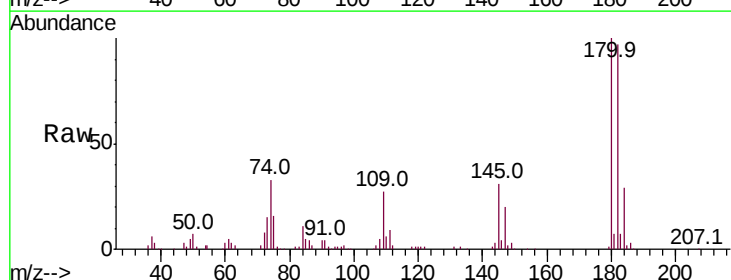
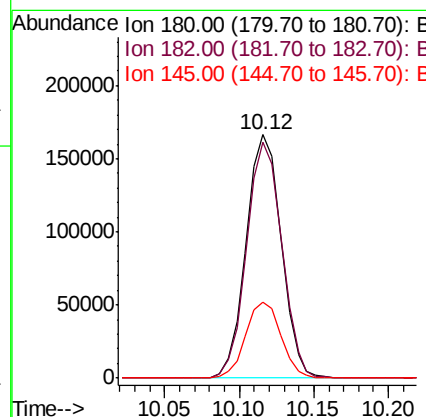
RT: 10.12 min Scan# 1229

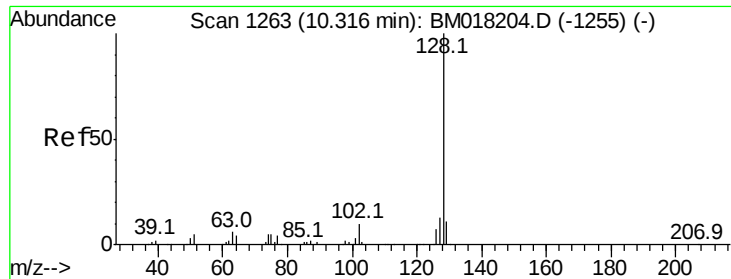
Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Tgt Ion:	180	Resp:	271803
Ion Ratio	Lower	Upper	
180	100		
182	97.1	71.4	107.2
145	31.2	24.4	36.6





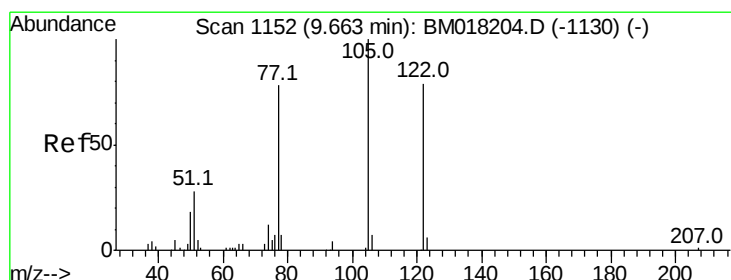
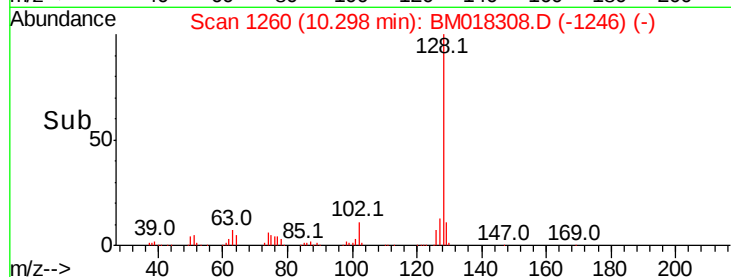
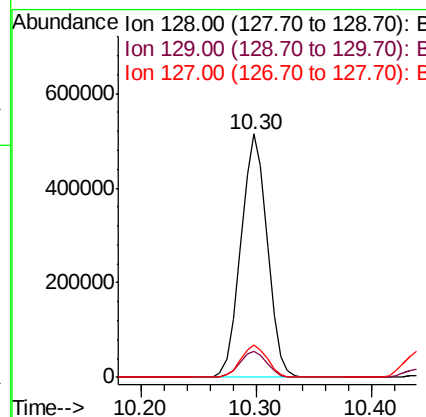
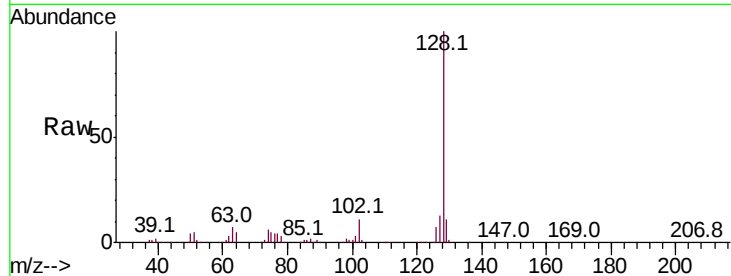
#31
Naphthalene
Concen: 44.394 ng
RT: 10.30 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	13.3	10.4	15.6

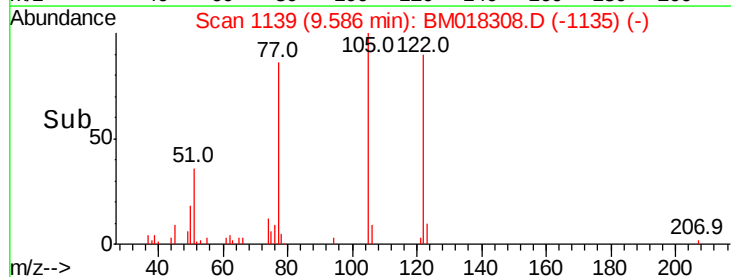
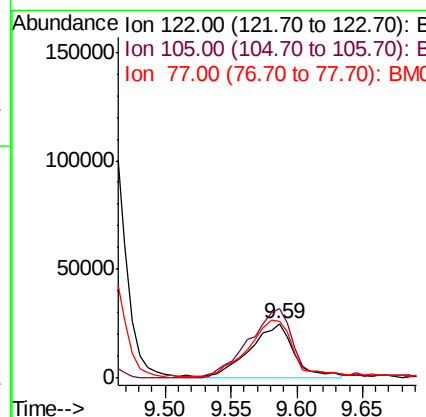
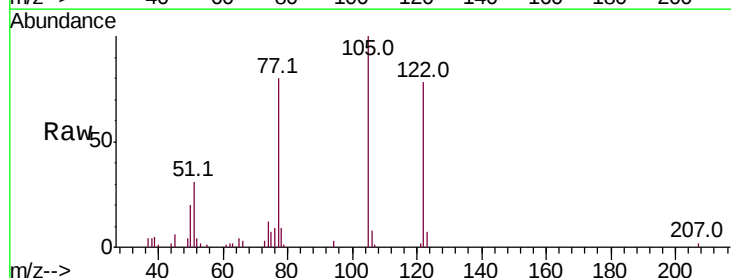
Manual Integrations
APPROVED

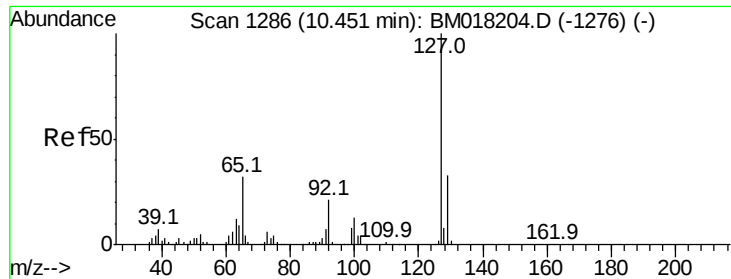
Sohil
12/20/2018 2:55:10 PM



#32
Benzoic acid
Concen: 11.939 ng m
RT: 9.59 min Scan# 1139
Delta R.T. -0.08 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.9	104.8	144.8
77	102.7	77.7	117.7





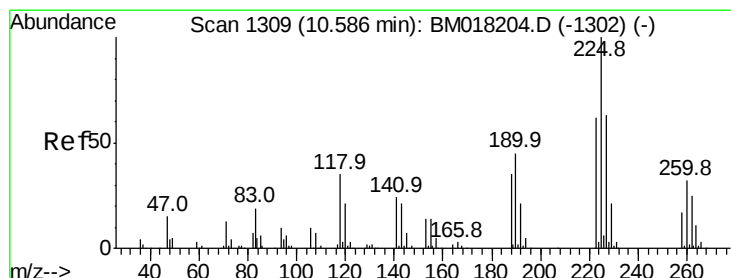
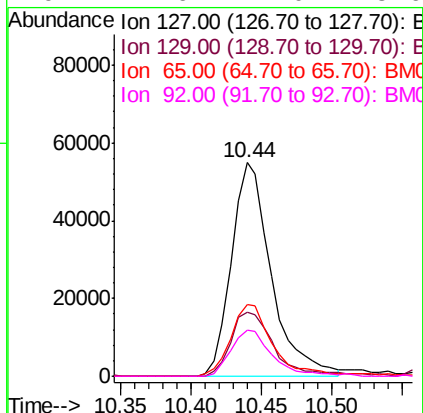
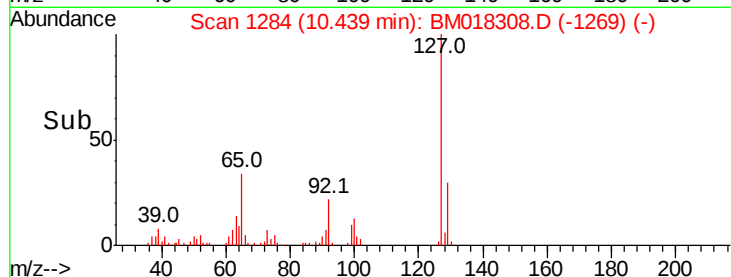
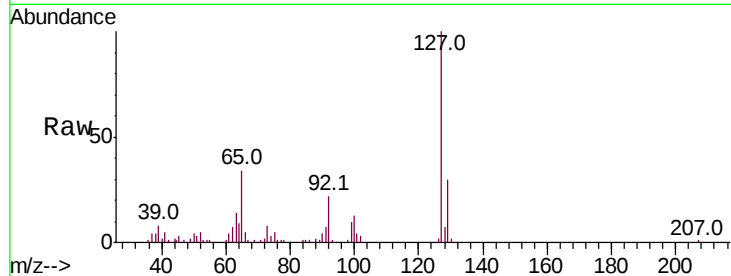
#33
4-Chloroaniline
Concen: 13.512 ng
RT: 10.44 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.1	26.4	39.6	
65	33.8	25.6	38.4	
92	21.6	17.0	25.6	

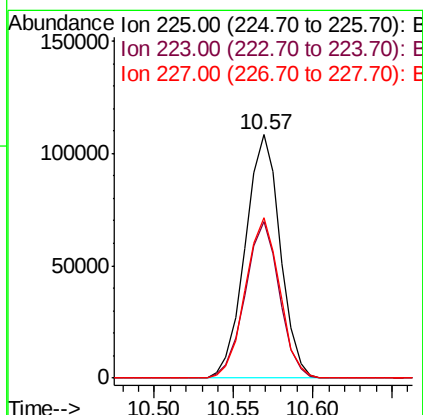
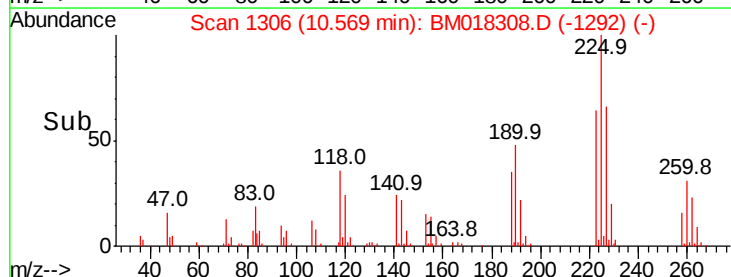
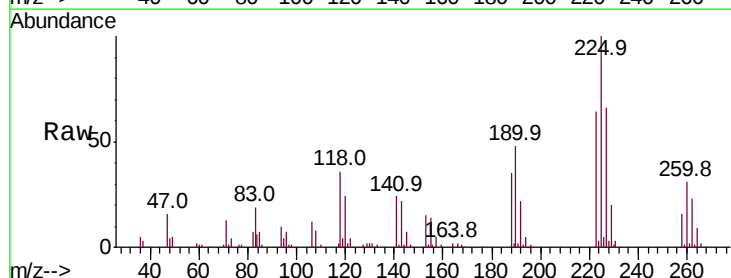
Manual Integrations
APPROVED

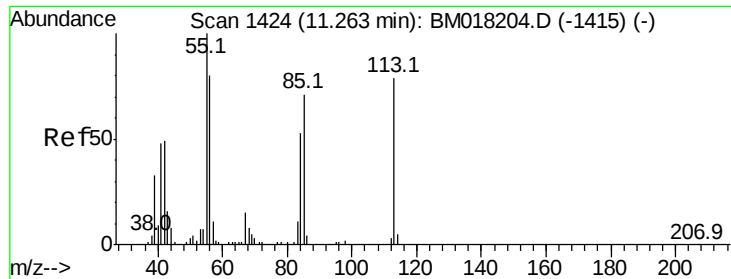
Sohil
12/20/2018 2:55:10 PM



#34
Hexachlorobutadiene
Concen: 40.265 ng
RT: 10.57 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.3	49.8	74.6	
227	65.9	50.2	75.4	





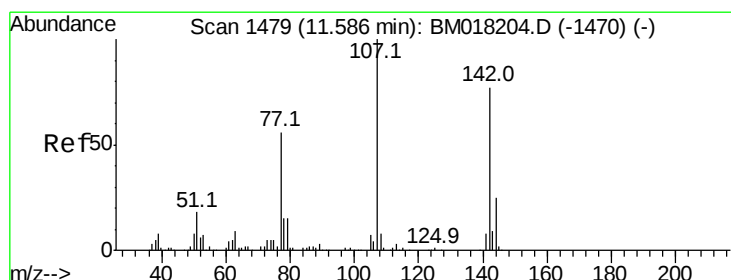
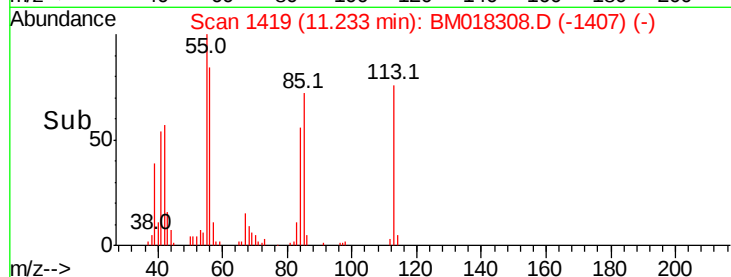
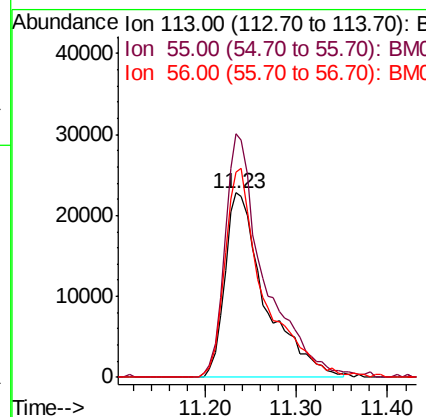
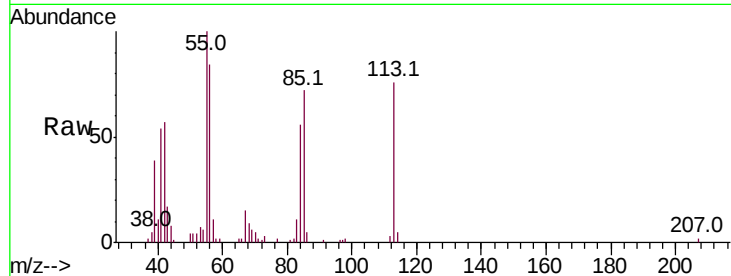
#35
Caprolactam
Concen: 32.299 ng/ml
RT: 11.23 min Scan# 1419
Delta R.T. -0.03 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	132.1	105.9	145.9
56	111.6	80.1	120.1

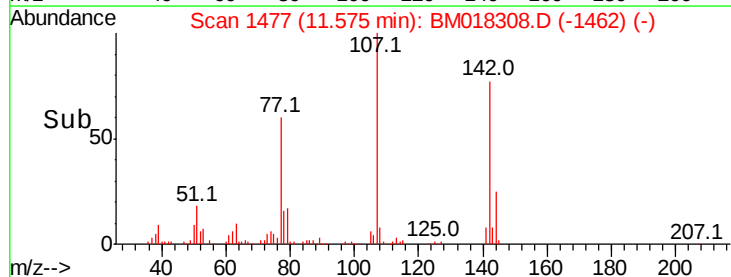
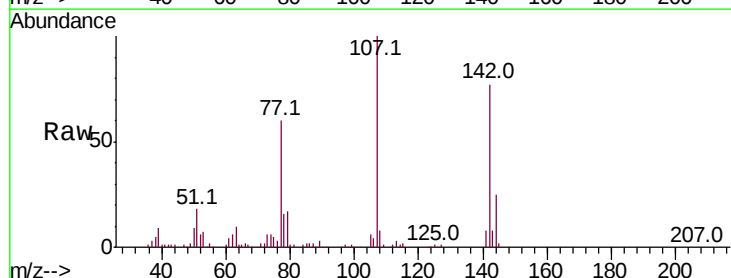
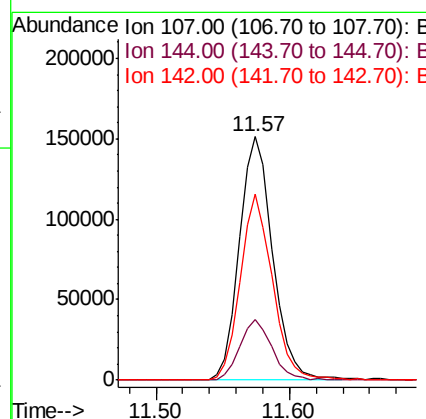
Manual Integrations
APPROVED

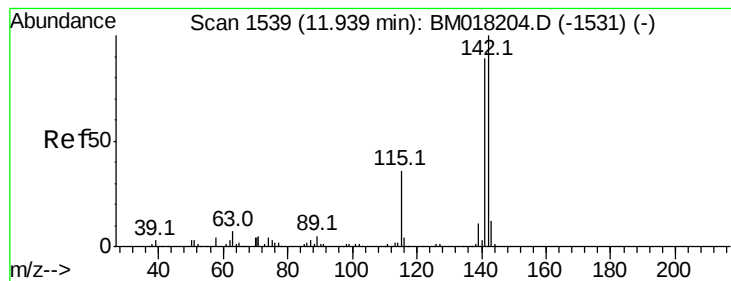
Sohil
12/20/2018 2:55:10 PM



#36
4-Chloro-3-methylphenol
Concen: 38.143 ng
RT: 11.57 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.7	20.1	30.1
142	76.6	61.7	92.5





#37

2-Methylnaphthalene

Concen: 43.215 ng

RT: 11.92 min Scan# 1536

Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

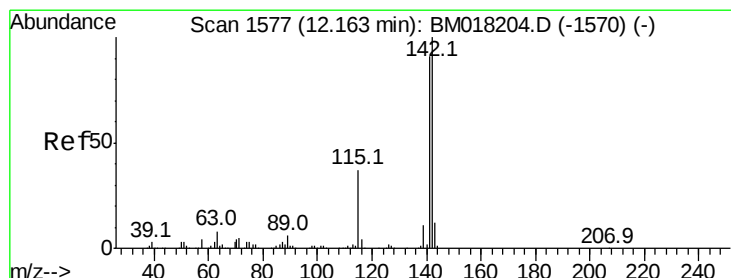
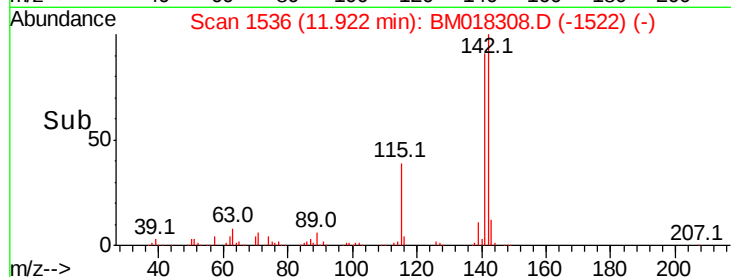
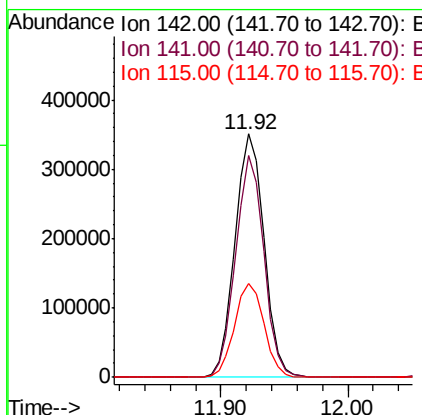
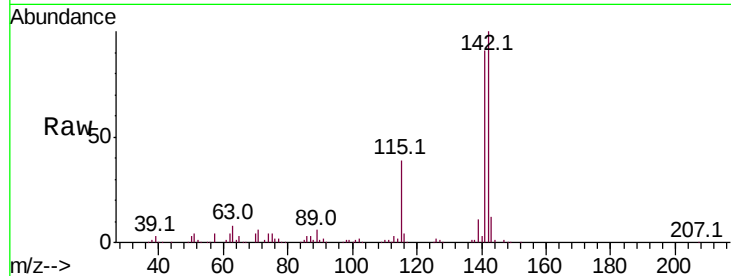
Instrument :
BNA_M

ClientSampleId :
P001-SS001-0612-01MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.4	107.2
115	38.5	29.0	43.6

Manual Integrations
APPROVED

Sohil
12/20/2018 2:55:10 PM



#38

1-Methylnaphthalene

Concen: 41.748 ng

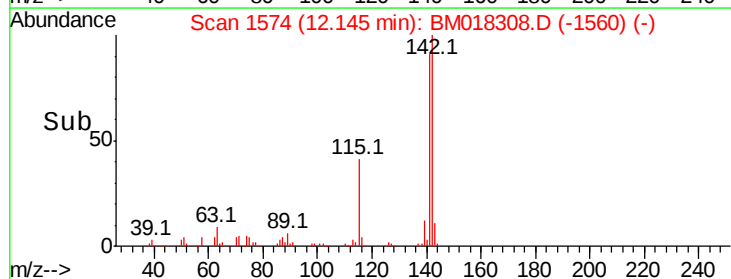
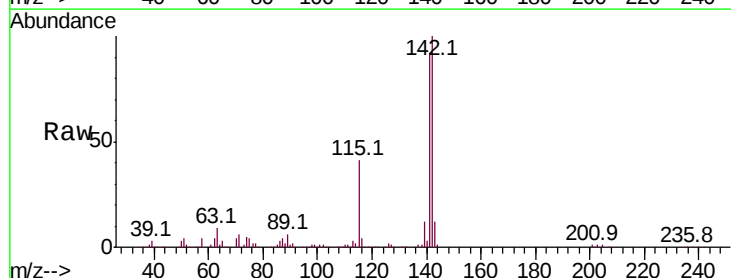
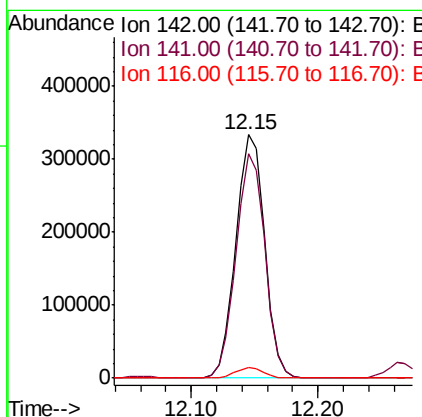
RT: 12.15 min Scan# 1574

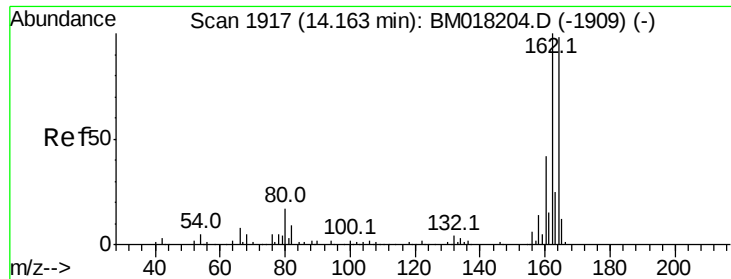
Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.0	109.4
116	4.5	3.0	4.6





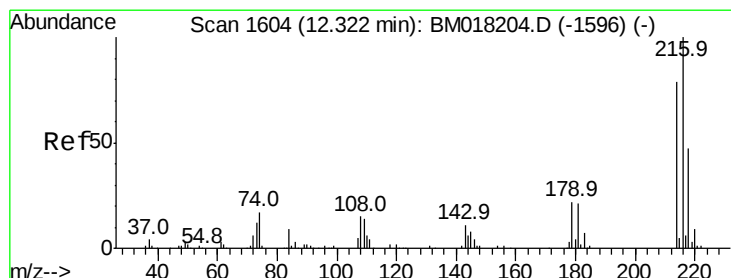
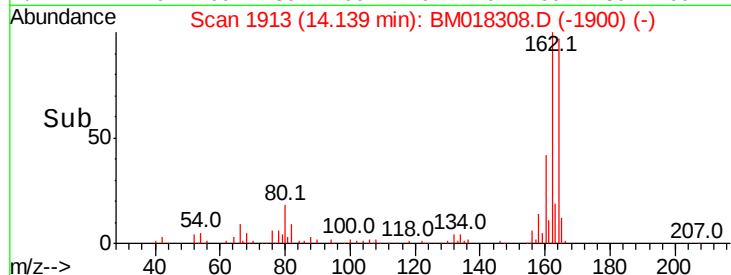
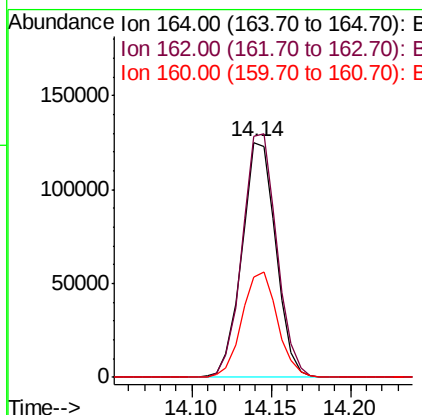
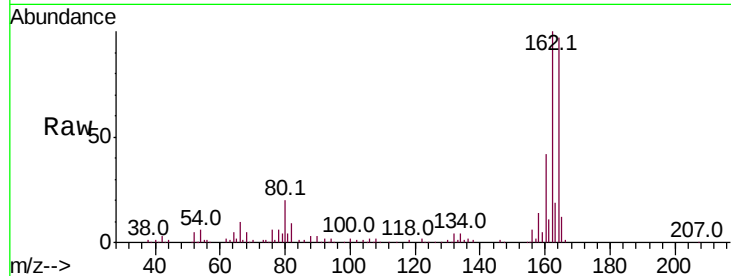
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.14 min Scan# 1913
 Delta R.T. -0.02 min
 Lab File: BM018308.D
 Acq: 19 Dec 2018 22:12

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS001-0612-01MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.8	122.6
160	43.0	34.6	51.8

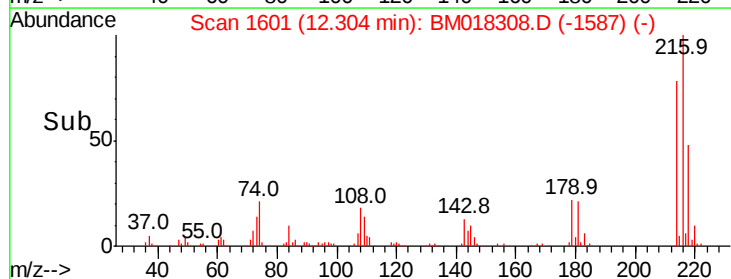
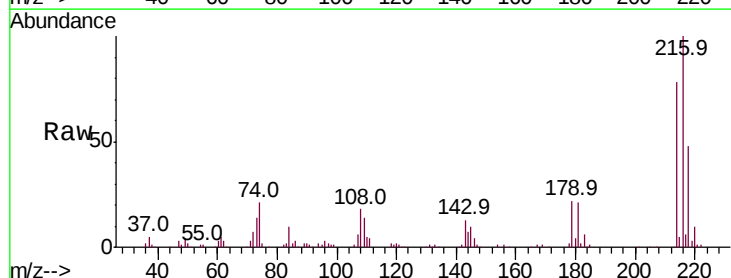
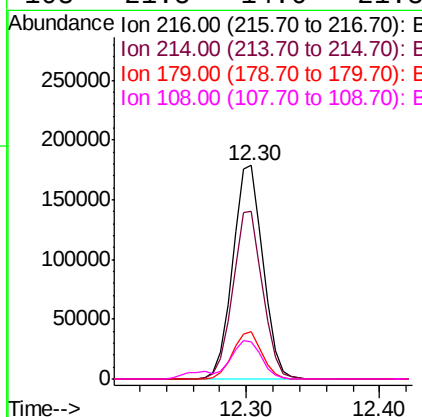
Manual Integrations
 APPROVED

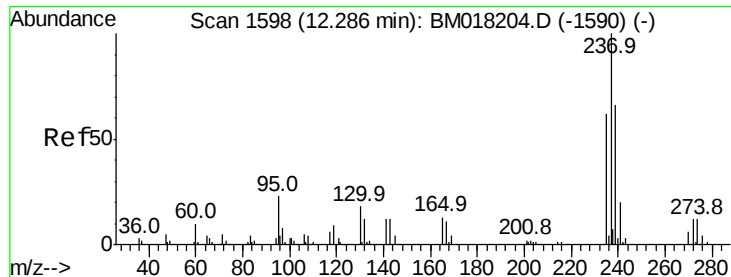
Sohil
 12/20/2018 2:55:10 PM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.898 ng
 RT: 12.30 min Scan# 1601
 Delta R.T. -0.02 min
 Lab File: BM018308.D
 Acq: 19 Dec 2018 22:12

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.5	63.4	95.0
179	21.6	17.2	25.8
108	21.5	14.6	21.8





#41

Hexachlorocyclopentadiene

Concen: 82.668 ng

RT: 12.26 min Scan# 1594

Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Instrument :

BNA_M

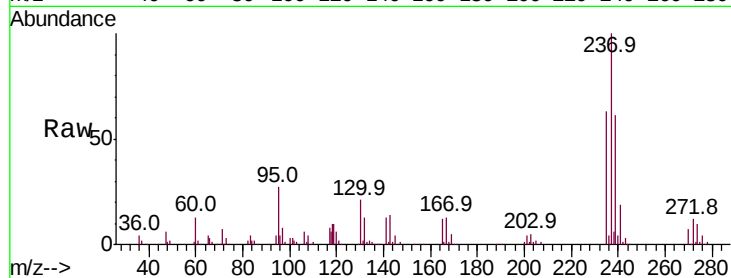
ClientSampleId :

P001-SS001-0612-01MSD

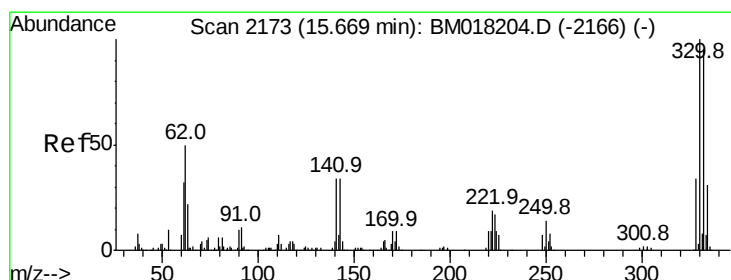
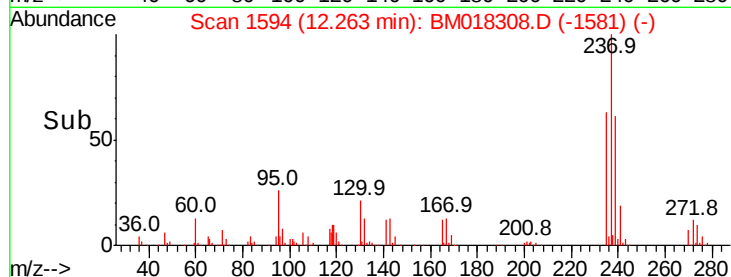
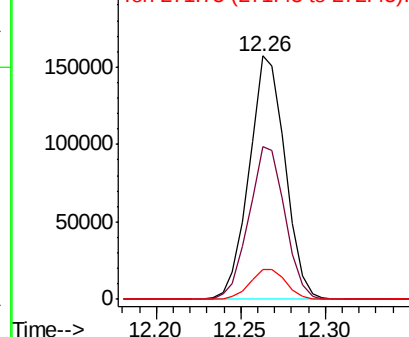
Tot Ion:	237	Resp:	232167
Ion Ratio	Lower	Upper	
237	100		
235	62.8	42.1	82.1
272	12.4	0.0	32.1

Manual Integrations
APPROVED

Sohil
12/20/2018 2:55:10 PM



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



#42

2,4,6-Tribromophenol

Concen: 118.734 ng

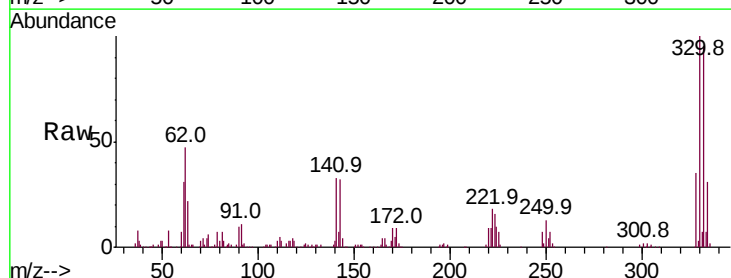
RT: 15.66 min Scan# 2171

Delta R.T. -0.01 min

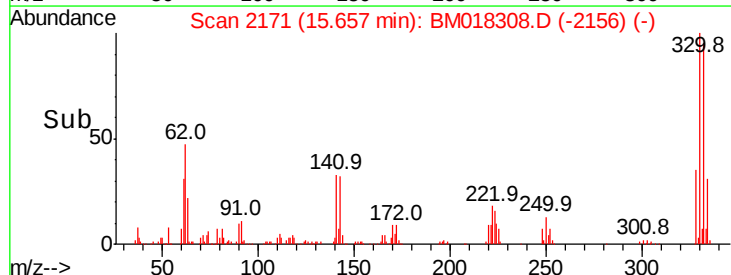
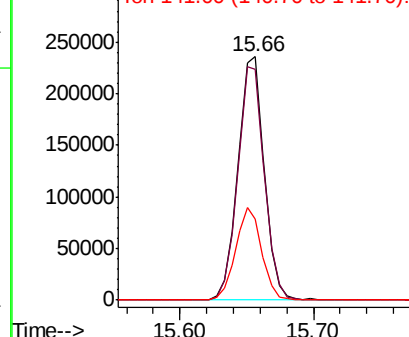
Lab File: BM018308.D

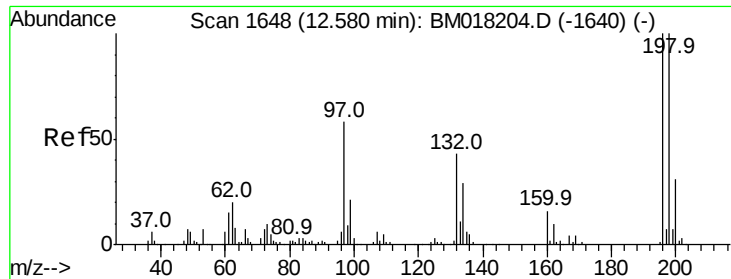
Acq: 19 Dec 2018 22:12

Tgt Ion:	330	Resp:	323834
Ion Ratio	Lower	Upper	
330	100		
332	97.0	78.6	118.0
141	37.3	27.1	40.7



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





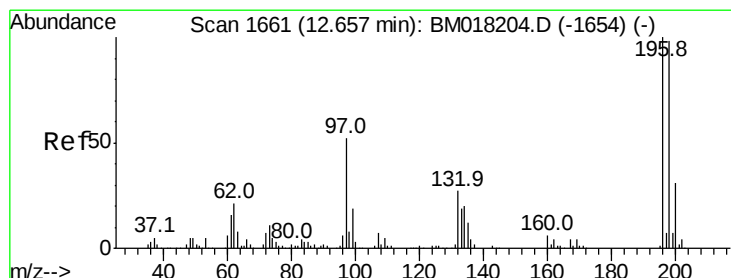
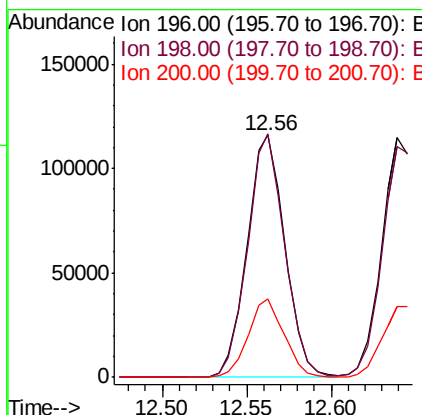
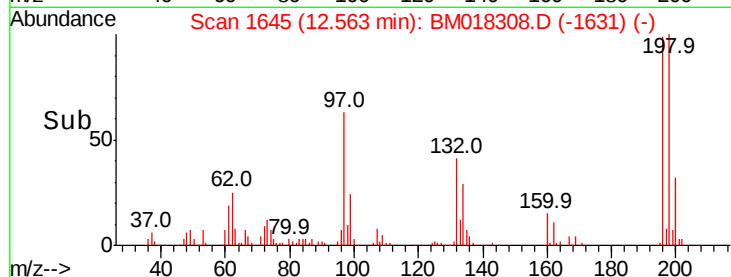
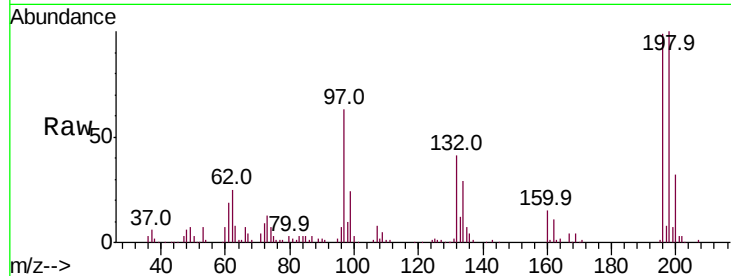
#43
 2,4,6-Trichlorophenol
 Concen: 43.968 ng
 RT: 12.56 min Scan# 1645
 Delta R.T. -0.02 min
 Lab File: BM018308.D
 Acq: 19 Dec 2018 22:12

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS001-0612-01MSD

Tot Ion:	196	Resp:	180703
Ion Ratio	Lower	Upper	
196	100		
198	100.6	80.1	120.1
200	32.6	24.9	37.3

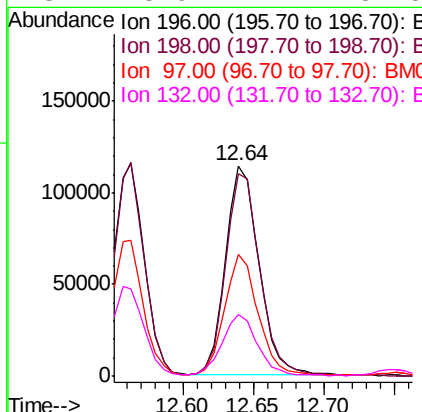
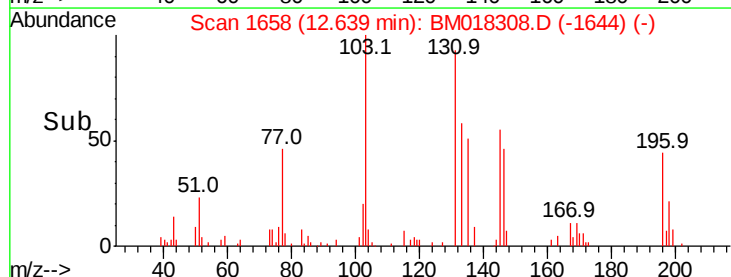
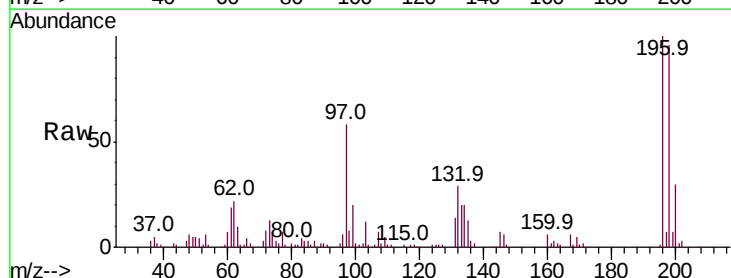
Manual Integrations
 APPROVED

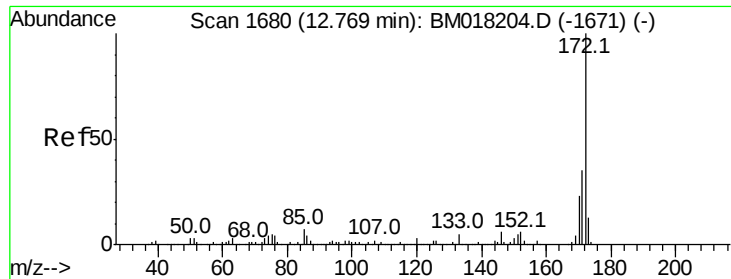
Sohil
 12/20/2018 2:55:10 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.105 ng
 RT: 12.64 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BM018308.D
 Acq: 19 Dec 2018 22:12

Tgt Ion:	196	Resp:	188076
Ion Ratio	Lower	Upper	
196	100		
198	96.3	78.5	117.7
97	57.8	41.9	62.9
132	28.9	21.7	32.5





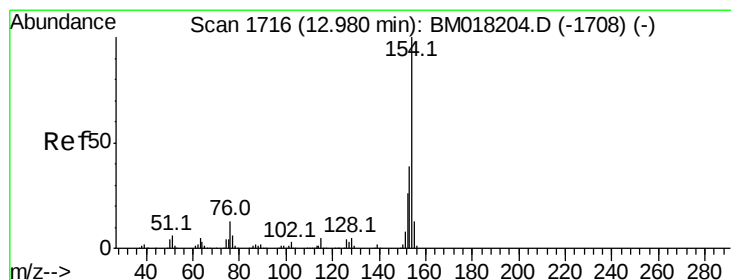
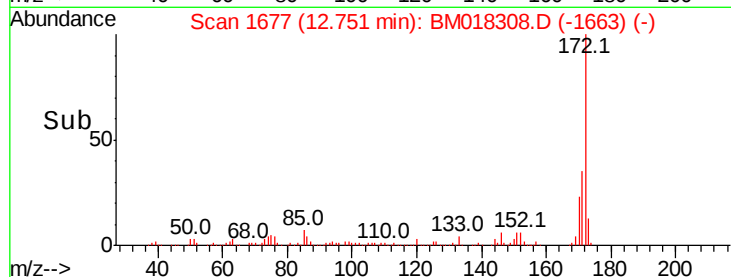
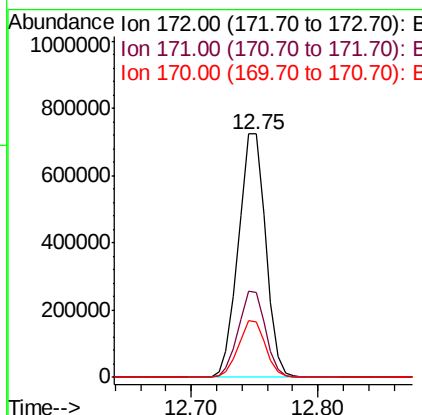
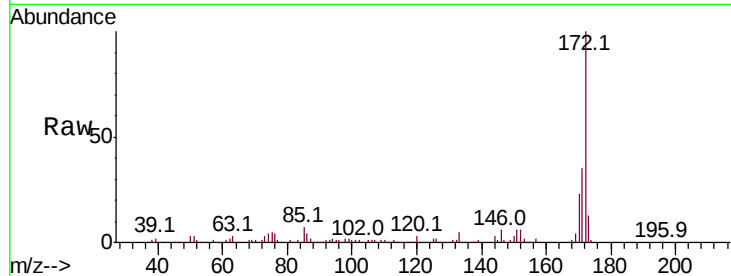
#45
2-Fluorobiphenyl
Concen: 75.331 ng
RT: 12.75 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MSD

Tot Ion:172 Resp: 1080756
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 22.8 18.1 27.1

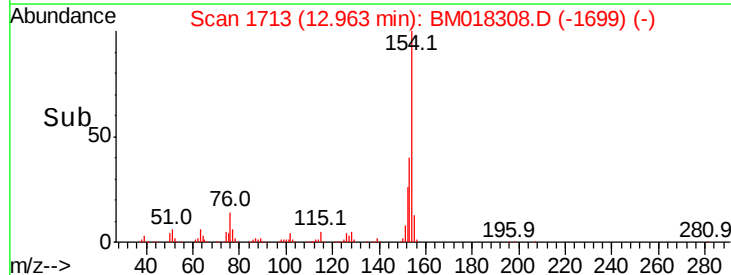
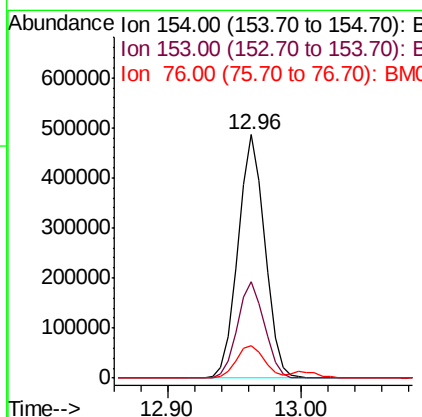
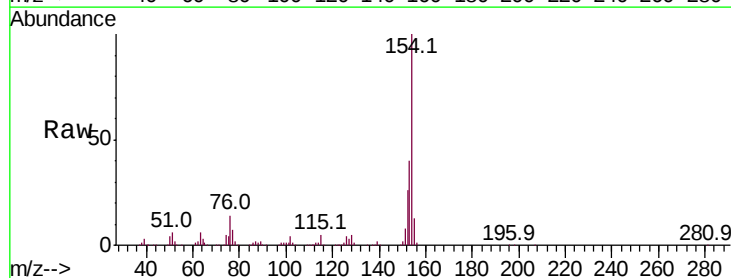
Manual Integrations
APPROVED

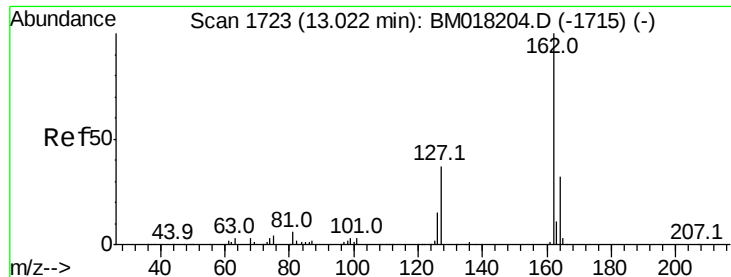
Sohil
12/20/2018 2:55:10 PM



#46
1,1'-Biphenyl
Concen: 40.540 ng
RT: 12.96 min Scan# 1713
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Tgt Ion:154 Resp: 677728
Ion Ratio Lower Upper
154 100
153 39.6 19.5 59.5
76 13.6 0.0 33.1





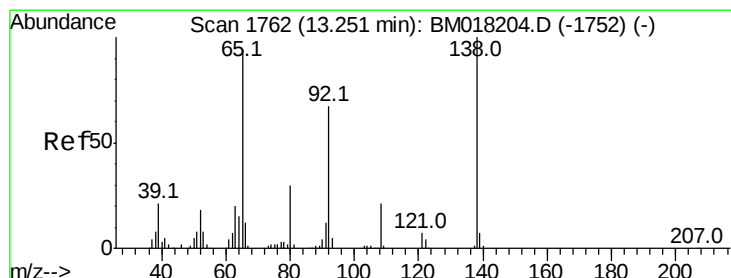
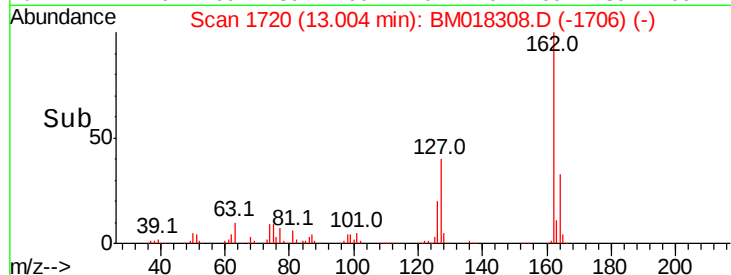
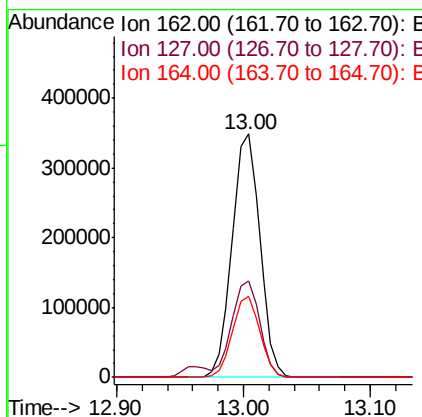
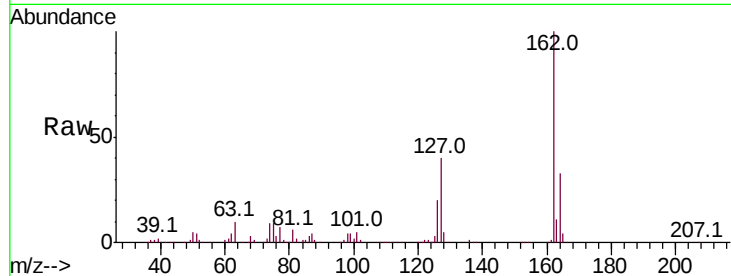
#47
2-Chloronaphthalene
Concen: 43.024 ng
RT: 13.00 min Scan# 1720
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.5	31.8	47.8	
164	33.3	25.9	38.9	

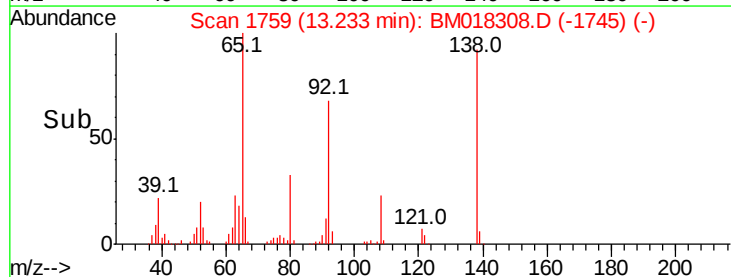
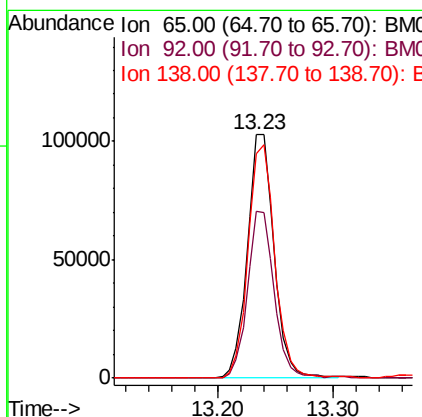
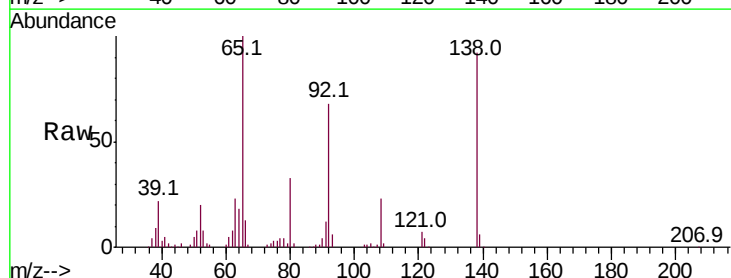
Manual Integrations
APPROVED

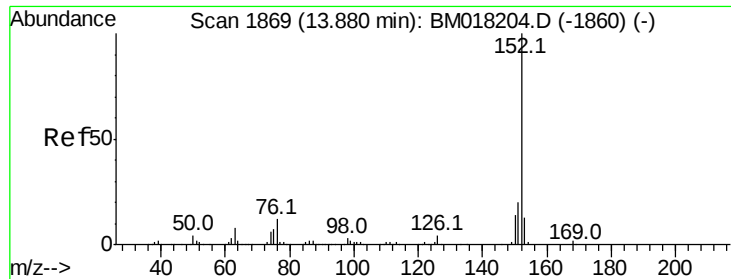
Sohil
12/20/2018 2:55:10 PM



#48
2-Nitroaniline
Concen: 43.960 ng
RT: 13.23 min Scan# 1759
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	68.4	56.8	85.2	
138	92.2	85.1	127.7	





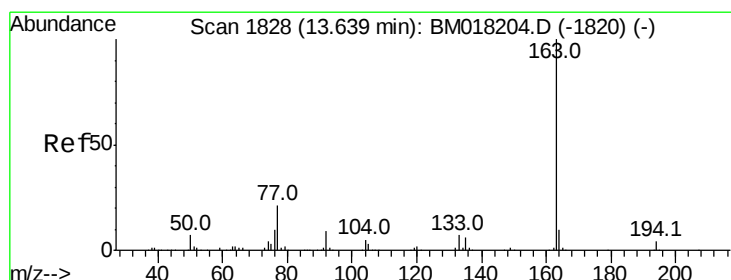
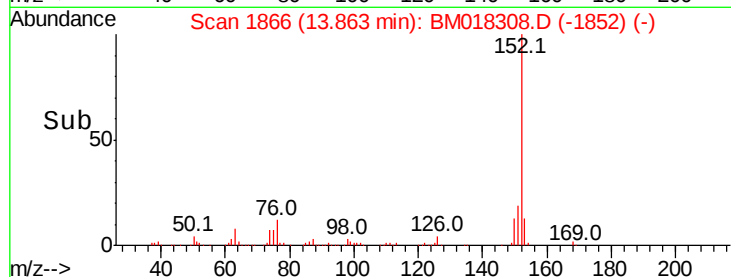
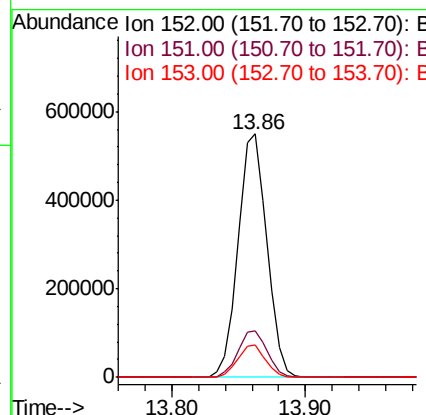
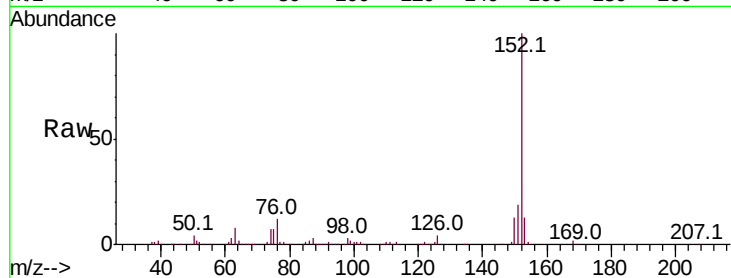
#49
Acenaphthylene
Concen: 44.427 ng
RT: 13.86 min Scan# 1866
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.0	24.0
153	13.1	10.2	15.2

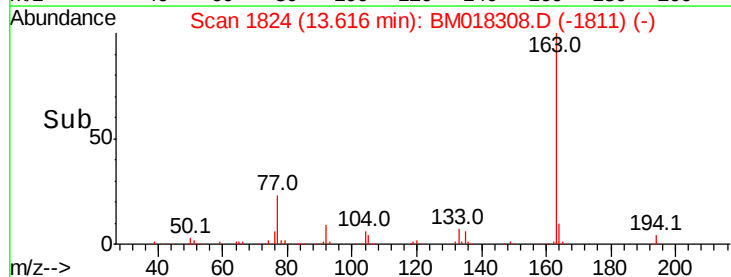
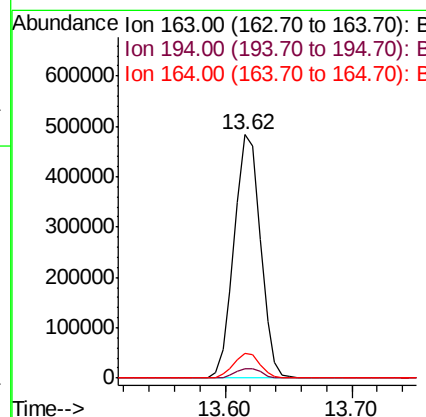
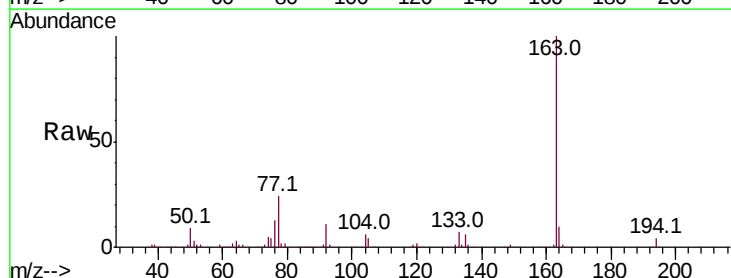
Manual Integrations
APPROVED

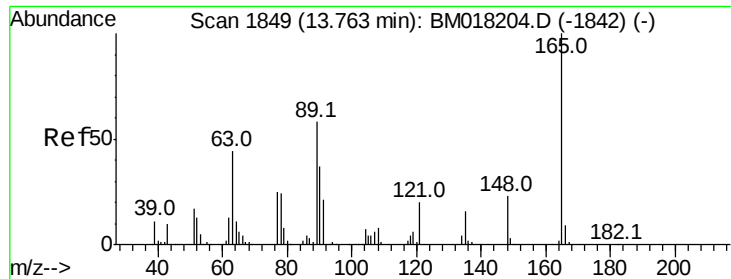
Sohil
12/20/2018 2:55:10 PM



#50
Dimethylphthalate
Concen: 44.923 ng
RT: 13.62 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	9.9	7.9	11.9





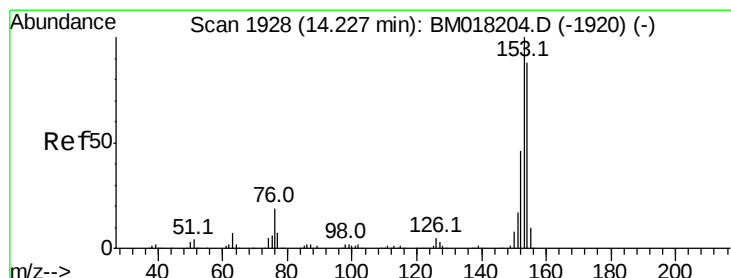
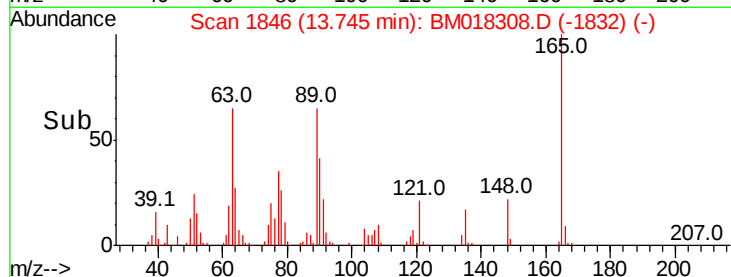
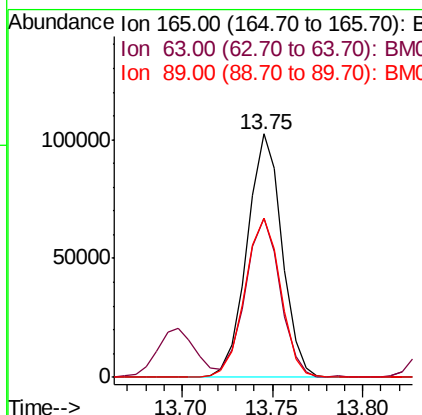
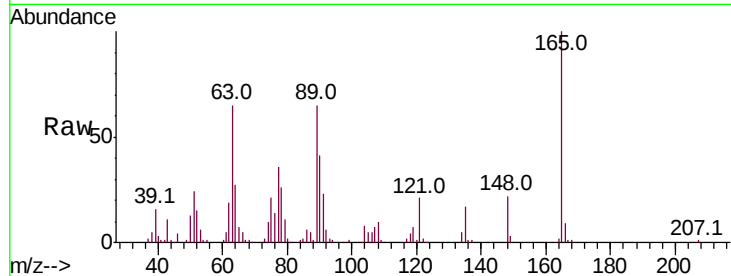
#51
2,6-Dinitrotoluene
Concen: 40.334 ng
RT: 13.75 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	136981		
63	65.5	46.6	69.8	
89	65.4	46.3	69.5	

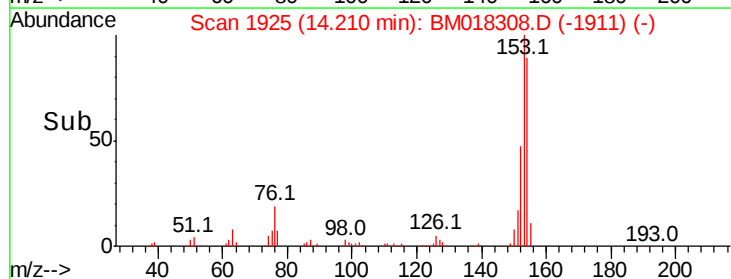
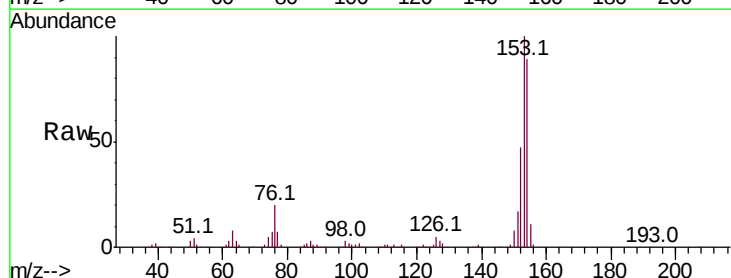
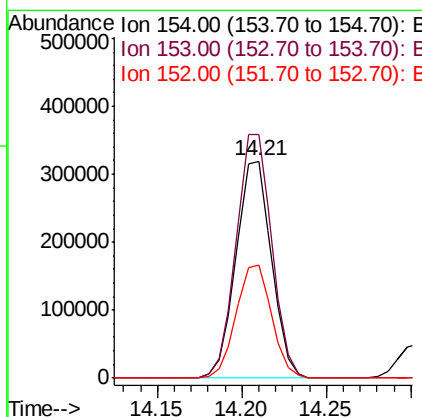
Manual Integrations
APPROVED

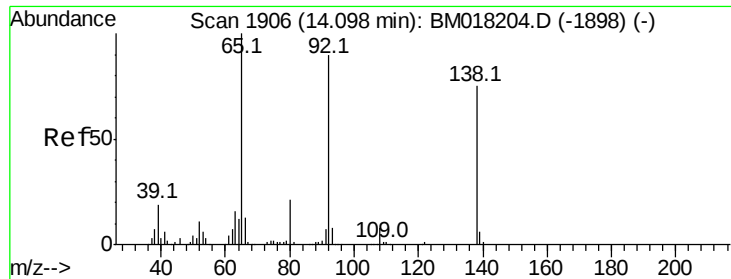
Sohil
12/20/2018 2:55:10 PM



#52
Acenaphthene
Concen: 41.351 ng
RT: 14.21 min Scan# 1925
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	468582		
153	112.0	90.4	135.6	
152	52.2	41.2	61.8	





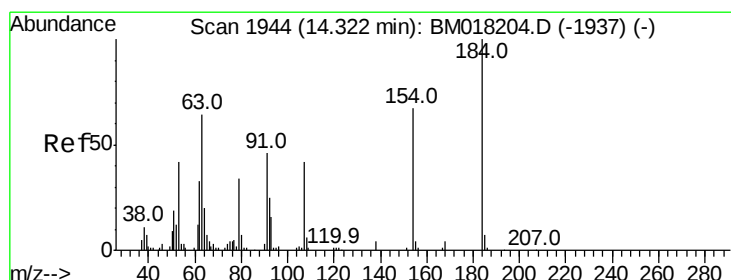
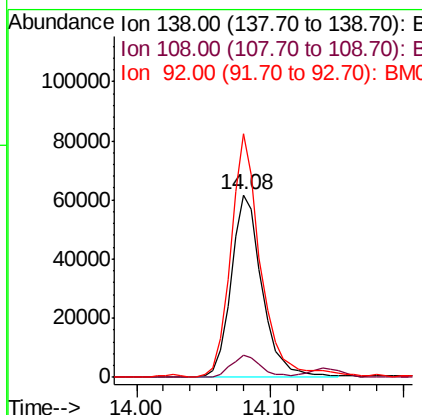
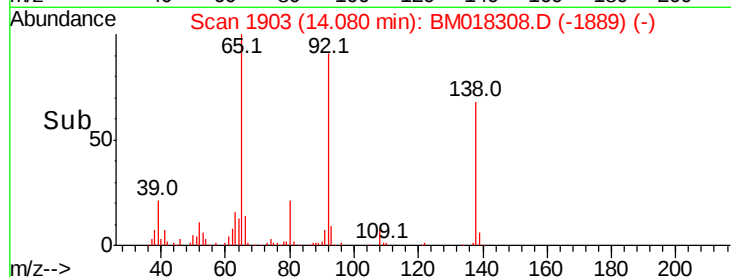
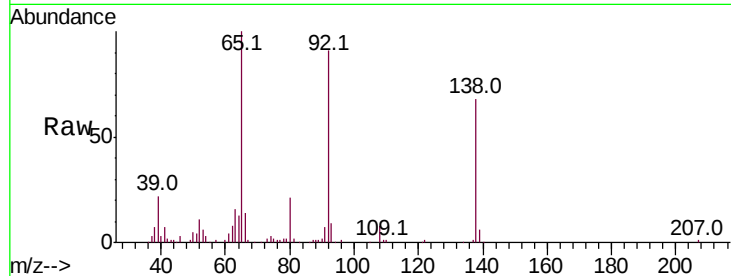
#53
3-Nitroaniline
Concen: 27.850 ng
RT: 14.08 min Scan# 1903
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MSD

Tot Ion:138 Resp: 99534
Ion Ratio Lower Upper
138 100
108 12.0 8.4 12.6
92 133.6 94.9 142.3

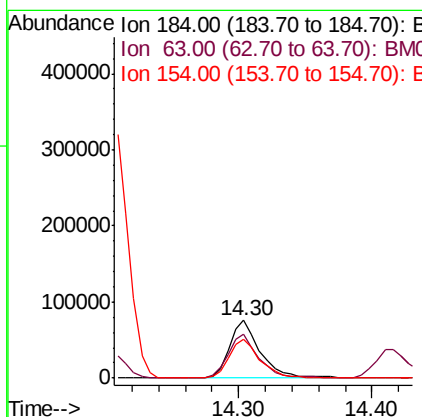
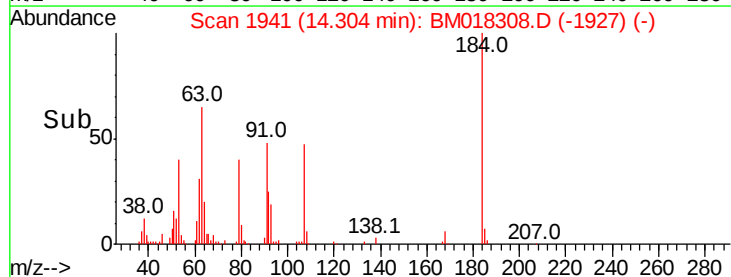
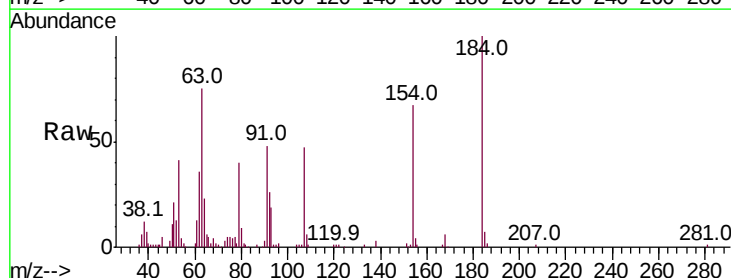
Manual Integrations
APPROVED

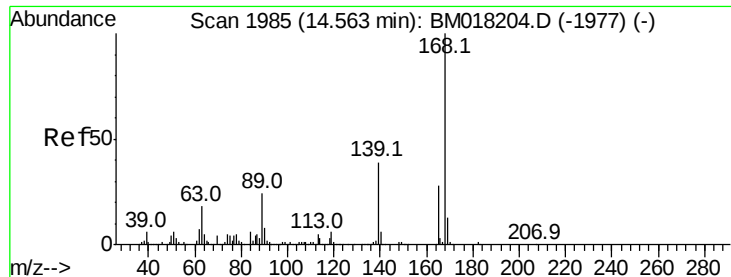
Sohil
12/20/2018 2:55:10 PM



#54
2,4-Dinitrophenol
Concen: 64.633 ng
RT: 14.30 min Scan# 1941
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Tgt Ion:184 Resp: 121085
Ion Ratio Lower Upper
184 100
63 75.4 51.6 77.4
154 67.0 54.0 81.0





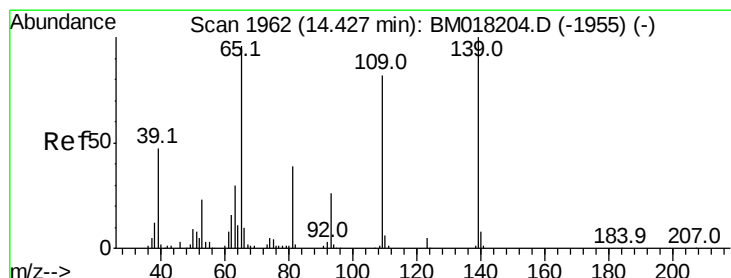
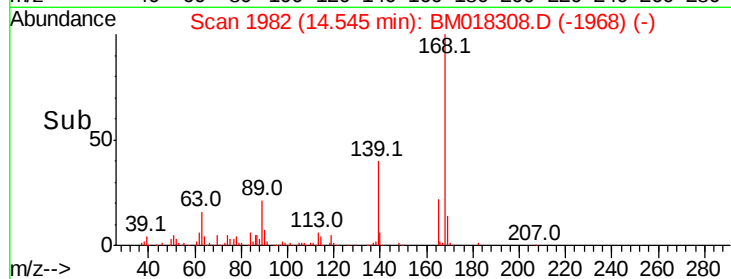
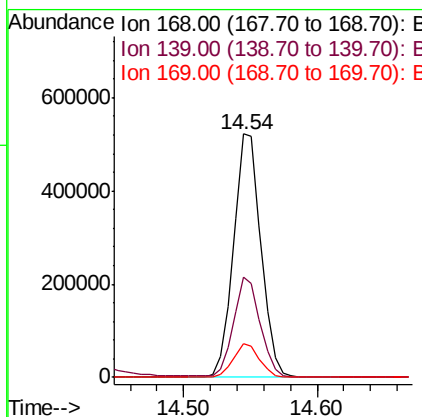
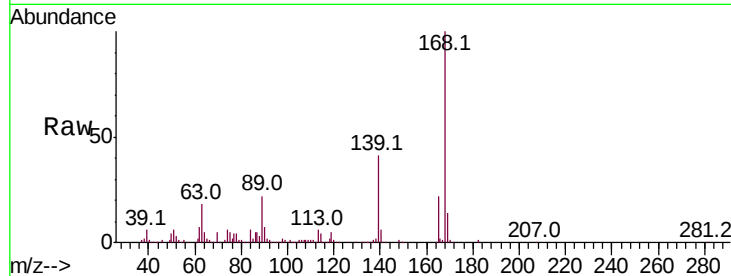
#55
Dibenzofuran
Concen: 40.891 ng
RT: 14.54 min Scan# 1982
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.4	31.2	46.8
169	13.8	10.4	15.6

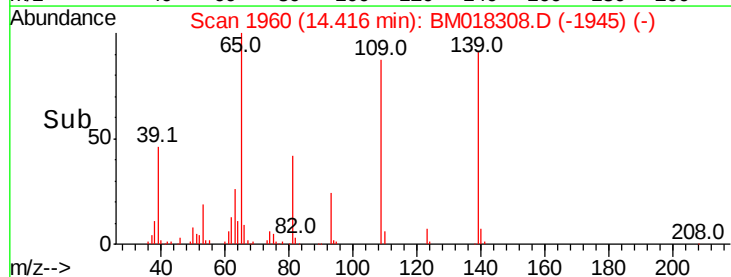
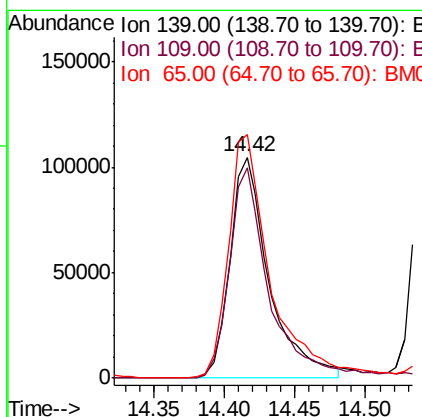
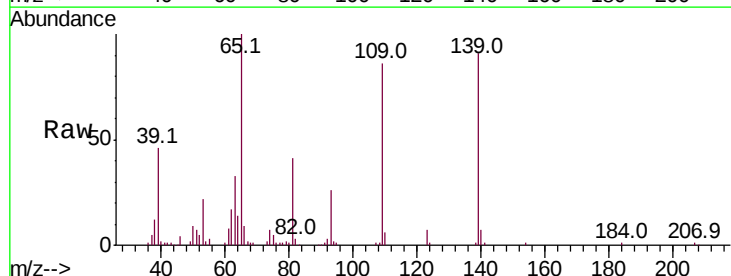
Manual Integrations
APPROVED

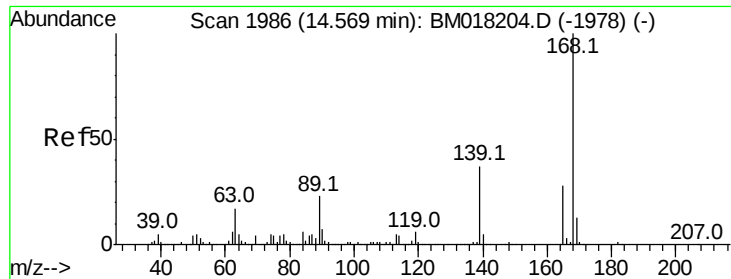
Sohil
12/20/2018 2:55:10 PM



#56
4-Nitrophenol
Concen: 74.654 ng
RT: 14.42 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.3	62.3	102.3
65	110.3	76.4	116.4





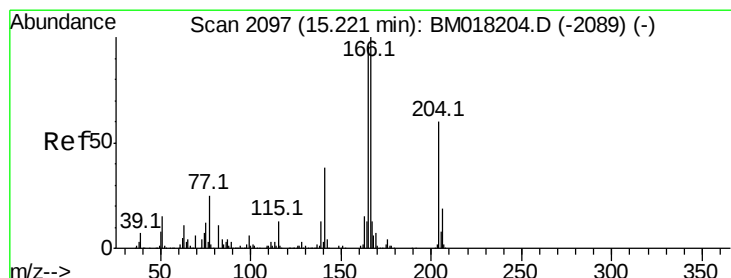
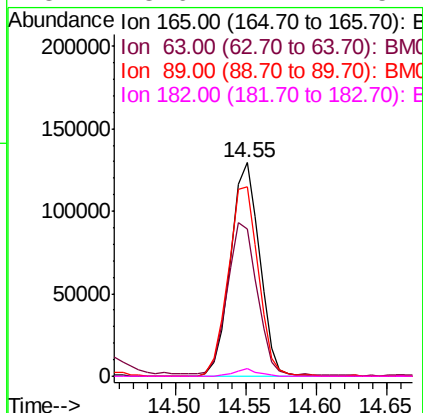
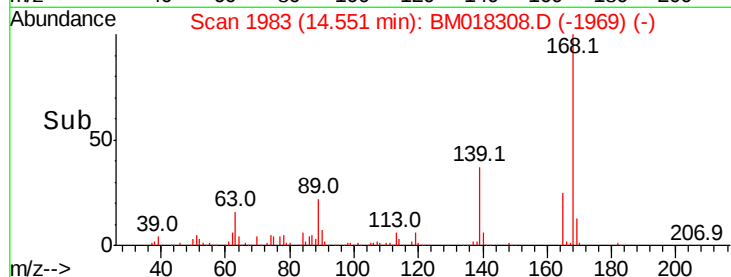
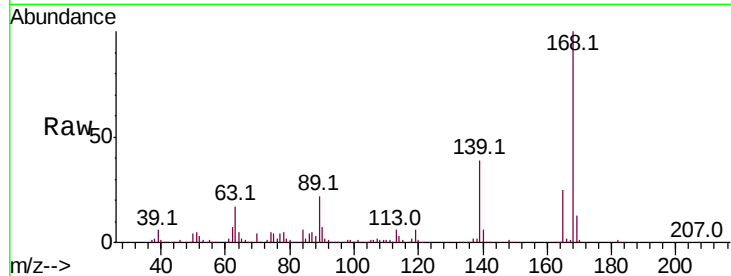
#57
2,4-Dinitrotoluene
Concen: 39.713 ng
RT: 14.55 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	68.9	47.2	70.8	
89	88.9	65.8	98.8	
182	3.6	2.2	3.4	

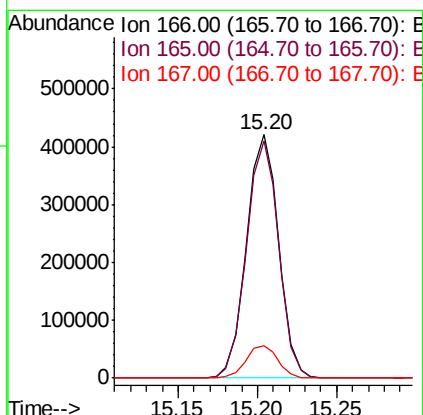
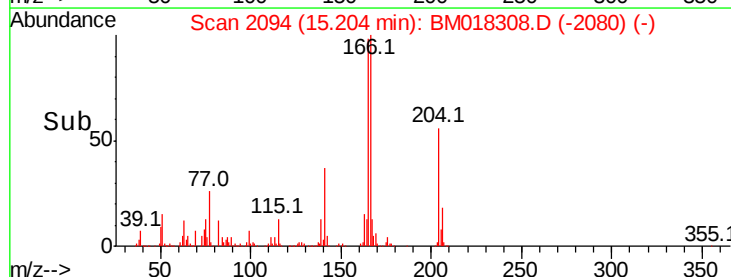
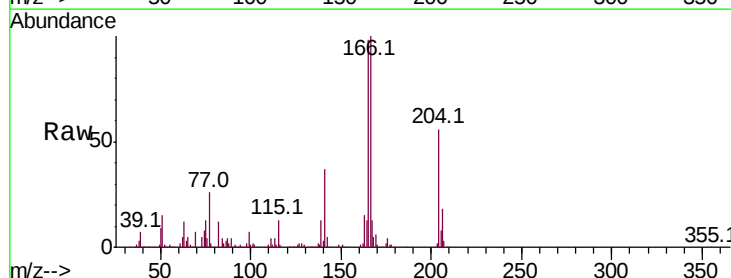
Manual Integrations
APPROVED

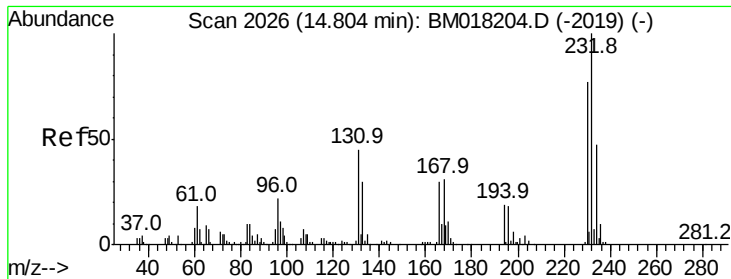
Sohil
12/20/2018 2:55:10 PM



#58
Fluorene
Concen: 42.058 ng
RT: 15.20 min Scan# 2094
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.6	76.9	115.3	
167	13.5	10.5	15.7	





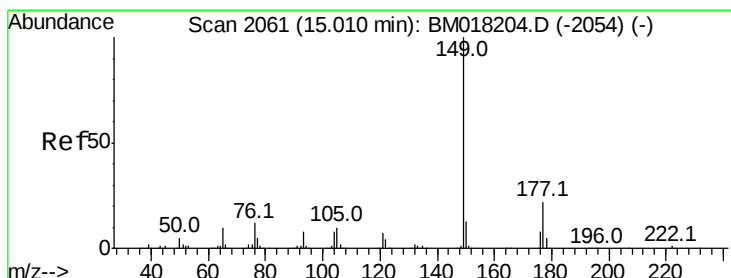
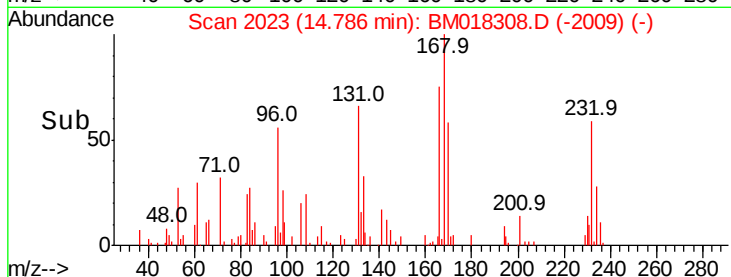
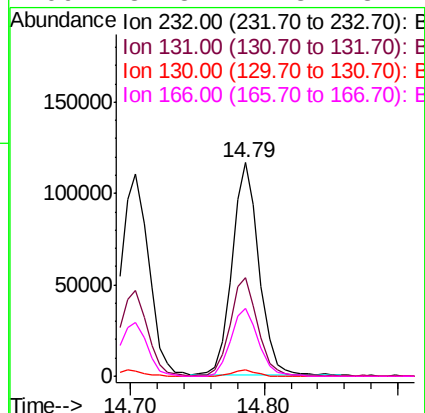
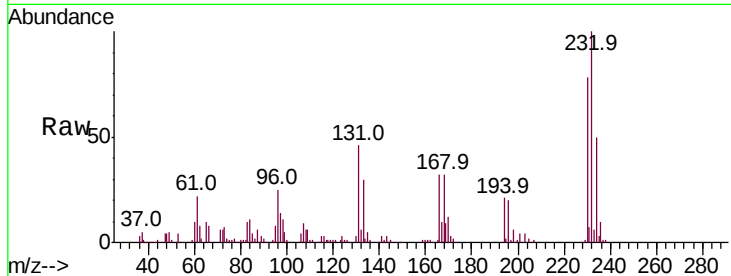
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.515 ng
 RT: 14.79 min Scan# 2023
 Delta R.T. -0.02 min
 Lab File: BM018308.D
 Acq: 19 Dec 2018 22:12

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS001-0612-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	163133		
131	46.7	36.2	54.2	
130	2.7	1.8	2.6	
166	32.8	24.8	37.2	

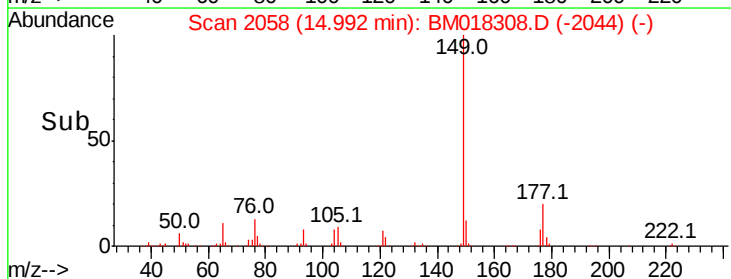
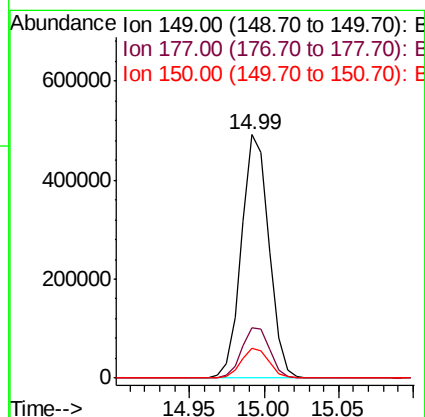
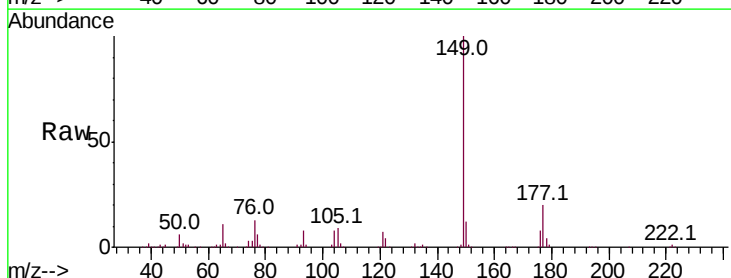
Manual Integrations
 APPROVED

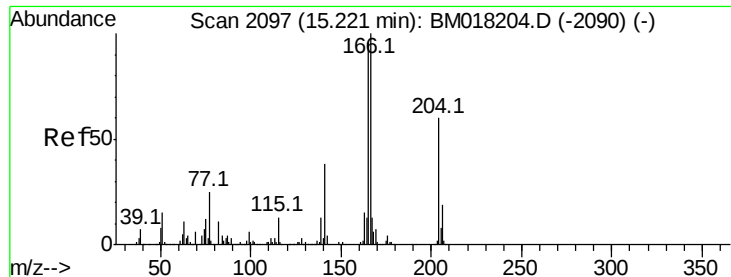
Sohil
 12/20/2018 2:55:10 PM



#60
 Diethylphthalate
 Concen: 37.594 ng
 RT: 14.99 min Scan# 2058
 Delta R.T. -0.02 min
 Lab File: BM018308.D
 Acq: 19 Dec 2018 22:12

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	626770		
177	20.4	17.8	26.8	
150	12.2	10.3	15.5	





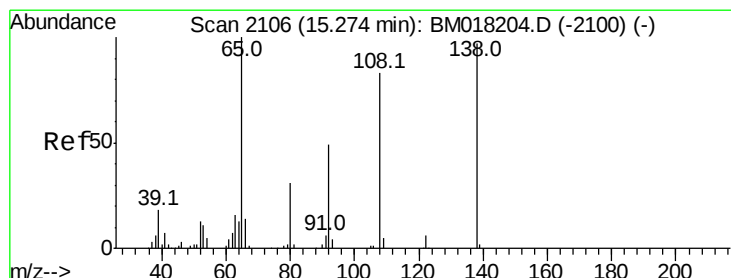
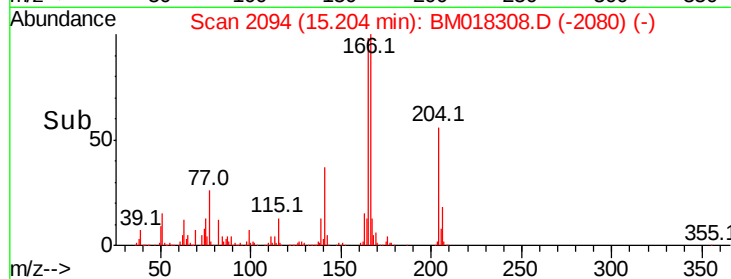
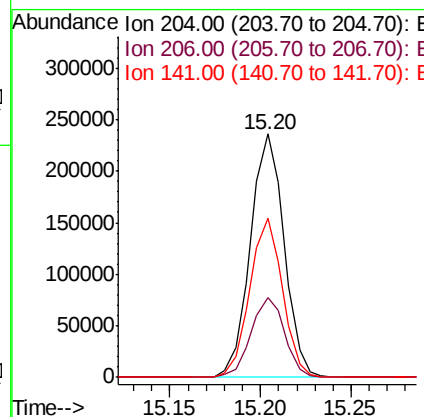
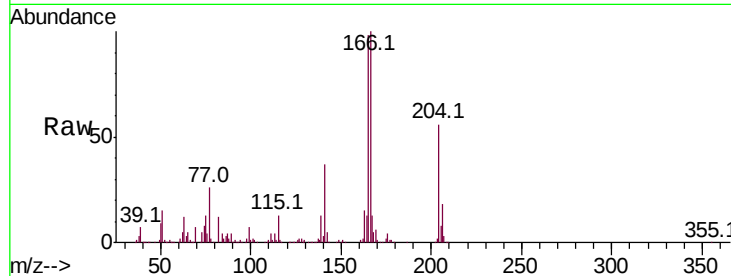
#61
4-Chlorophenyl-phenylether
Concen: 38.287 ng
RT: 15.20 min Scan# 2094
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	25.8	38.6
141	65.3	50.2	75.4

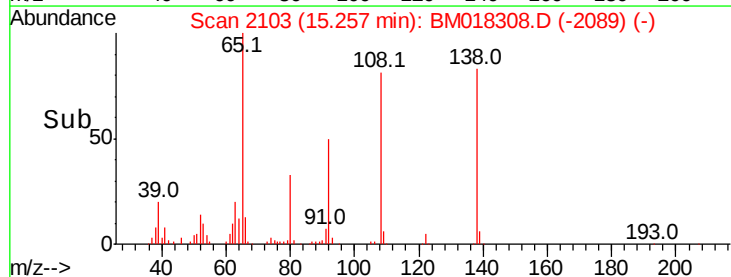
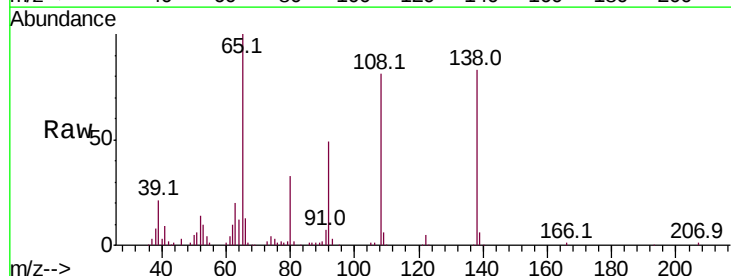
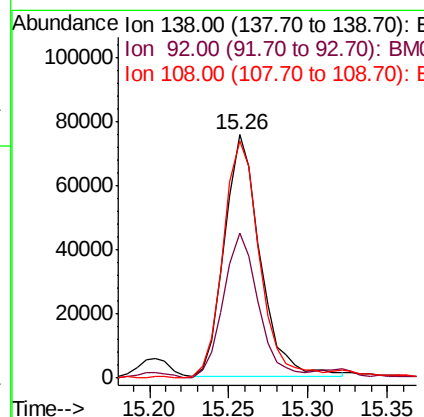
Manual Integrations
APPROVED

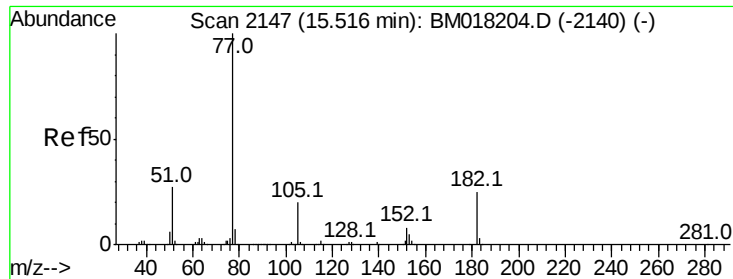
Sohil
12/20/2018 2:55:10 PM



#62
4-Nitroaniline
Concen: 34.687 ng
RT: 15.26 min Scan# 2103
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.4	31.1	71.1
108	97.2	65.0	105.0





#63

Azobenzene

Concen: 42.070 ng

RT: 15.50 min Scan# 2144

Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Instrument :

BNA_M

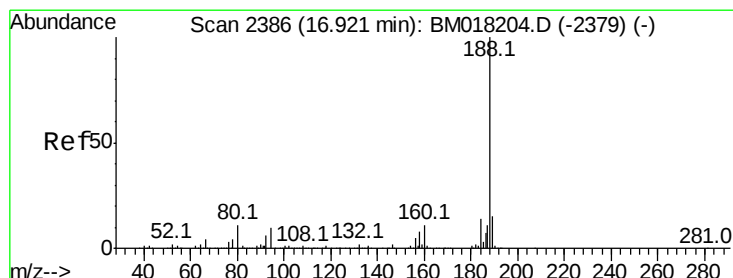
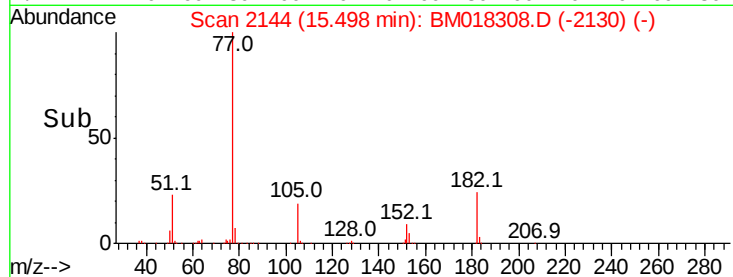
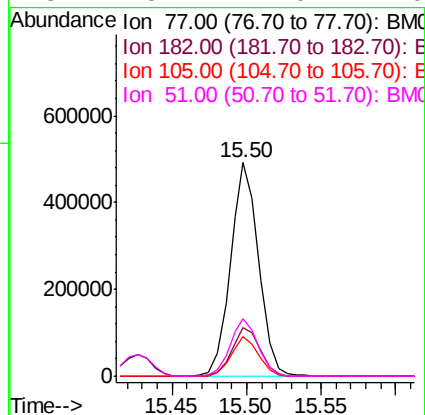
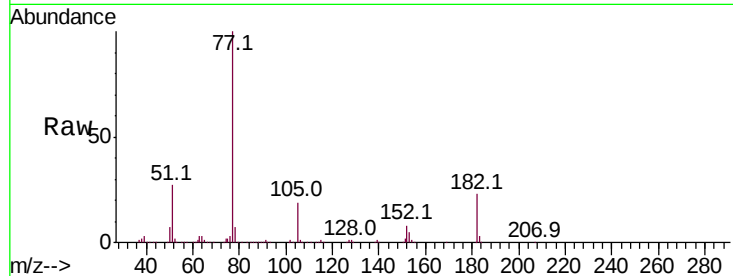
ClientSampleId :

P001-SS001-0612-01MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	22.7	4.6	44.6	
105	18.5	0.2	40.2	
51	26.7	7.0	47.0	

Manual Integrations
APPROVED

Sohil
12/20/2018 2:55:10 PM



#64

Phenanthrene-d10

Concen: 20.000 ng

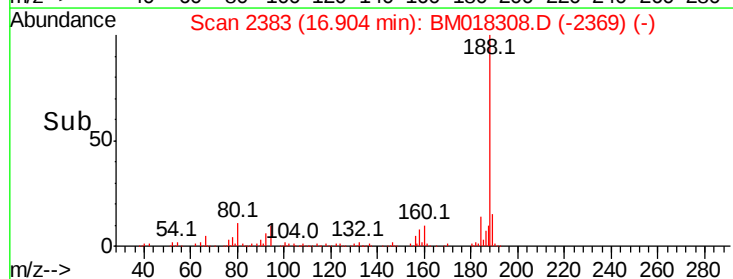
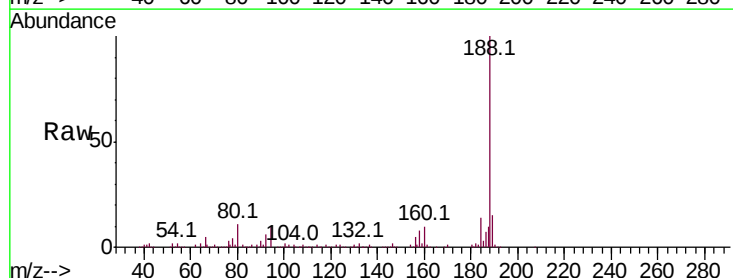
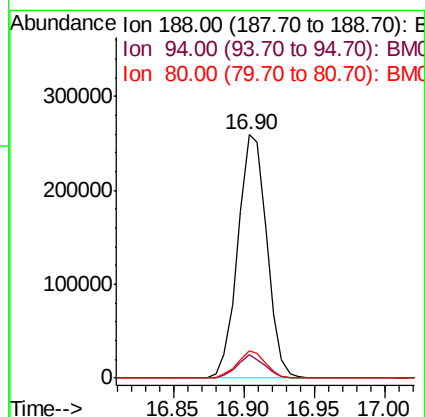
RT: 16.90 min Scan# 2383

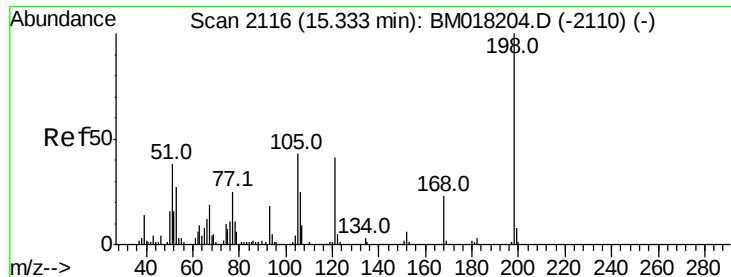
Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.6	8.0	12.0	
80	11.4	9.0	13.6	





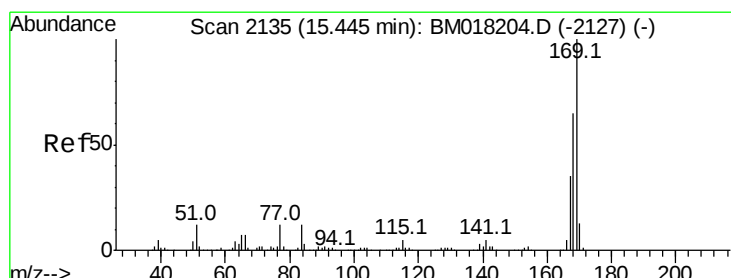
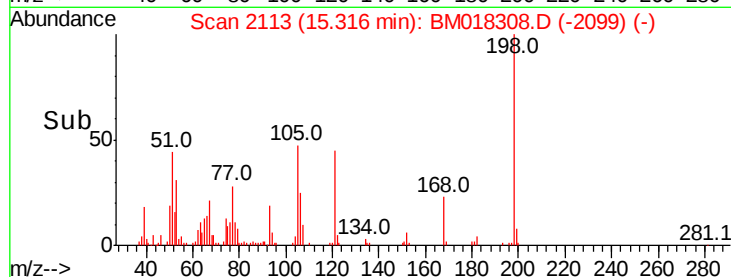
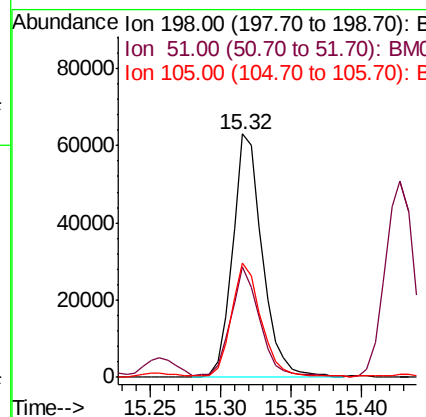
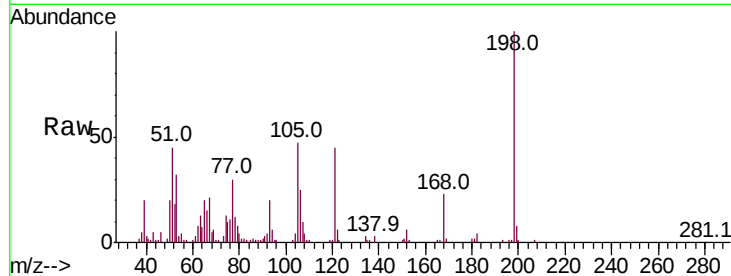
#65
4,6-Dinitro-2-methylphenol
Concen: 33.667 ng
RT: 15.32 min Scan# 2113
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	45.4	18.6	58.6
105	46.7	22.9	62.9

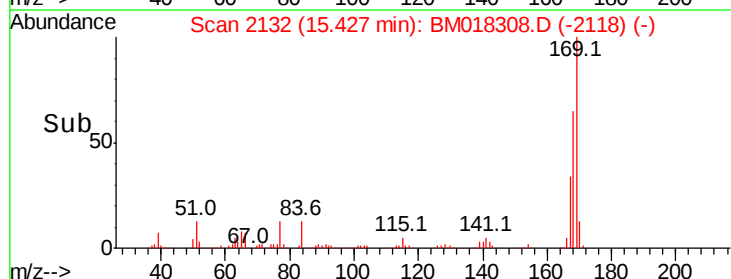
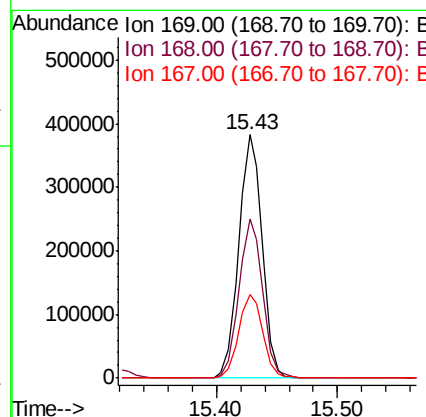
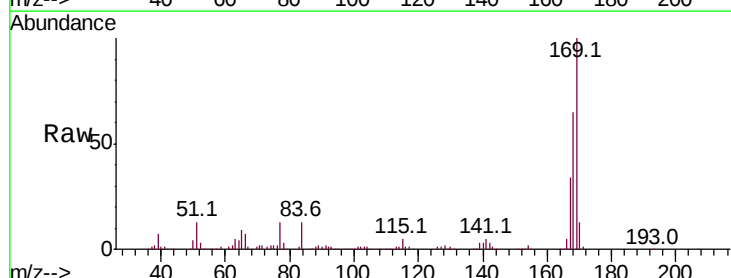
Manual Integrations
APPROVED

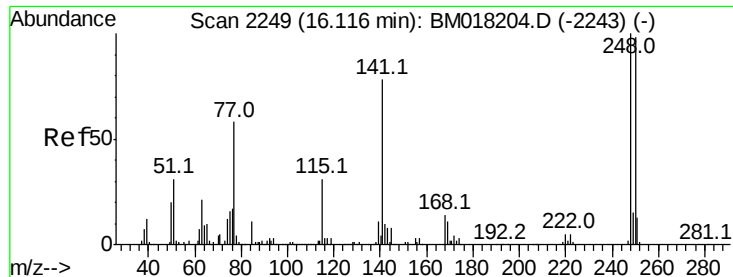
Sohil
12/20/2018 2:55:10 PM



#66
n-Nitrosodiphenylamine
Concen: 41.919 ng
RT: 15.43 min Scan# 2132
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.4	52.2	78.4
167	34.3	27.6	41.4





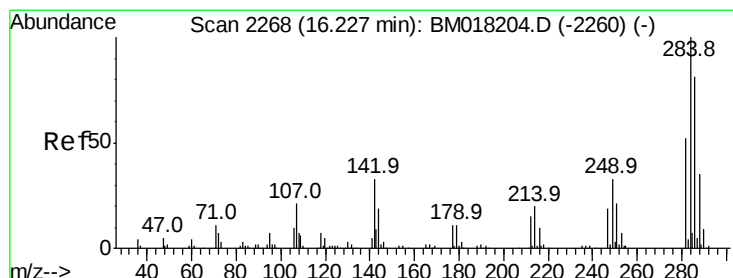
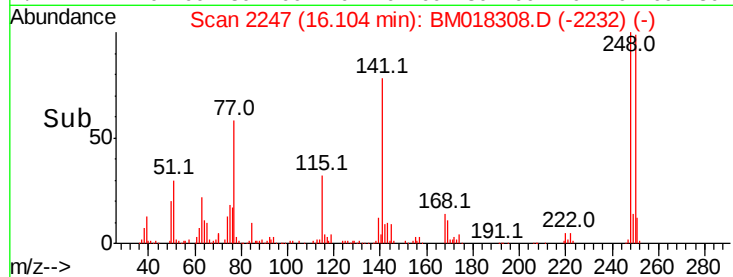
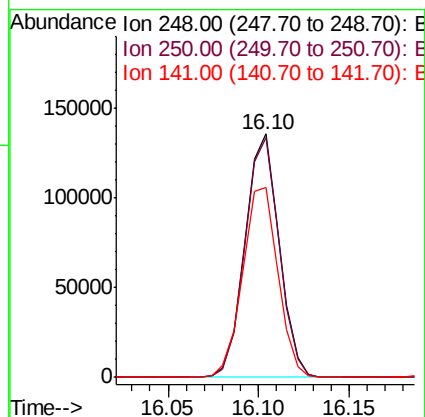
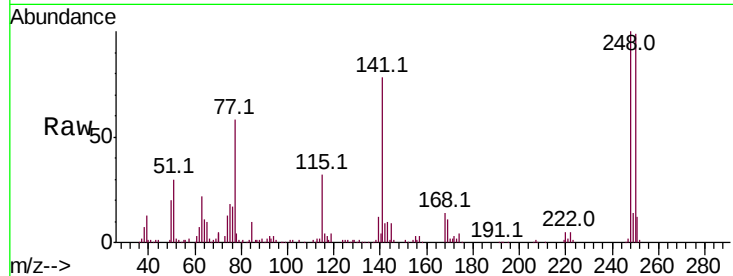
#67
4-Bromophenyl-phenylether
Concen: 39.482 ng
RT: 16.10 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	78.7	118.1
141	78.1	62.2	93.4

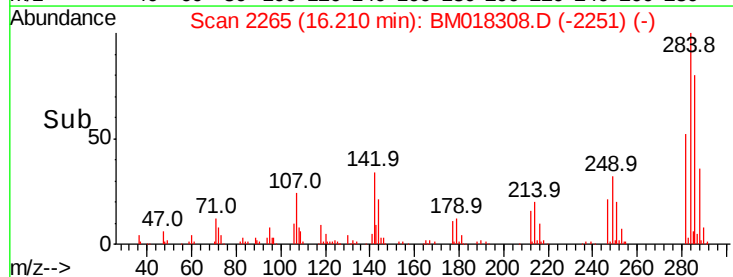
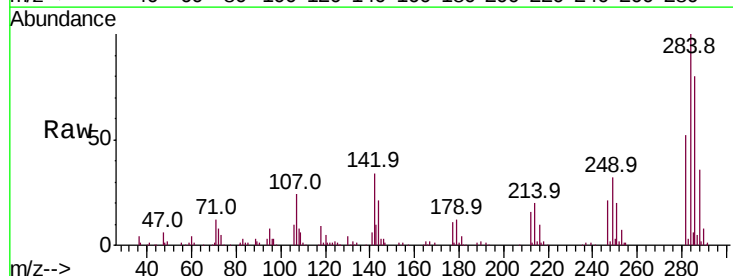
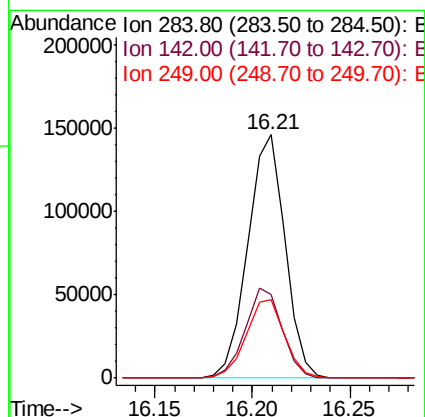
Manual Integrations
APPROVED

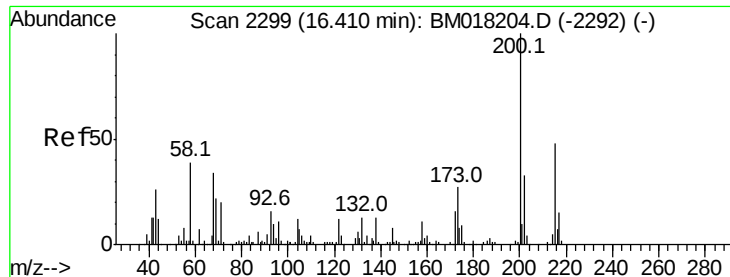
Sohil
12/20/2018 2:55:10 PM



#68
Hexachlorobenzene
Concen: 39.149 ng
RT: 16.21 min Scan# 2265
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.4	26.2	39.4
249	32.5	26.2	39.2





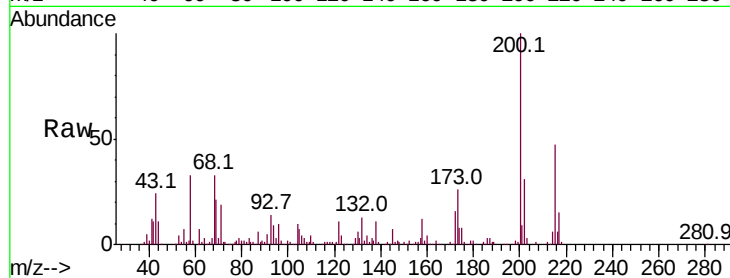
#69
Atrazine
Concen: 44.310 ng
RT: 16.40 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.7	6.9	46.9
215	47.1	27.9	67.9

Manual Integrations
APPROVED

Sohil
12/20/2018 2:55:10 PM

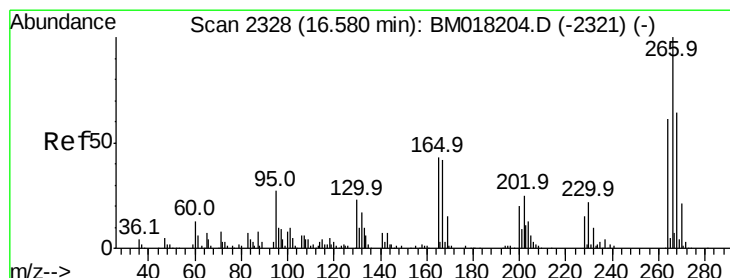
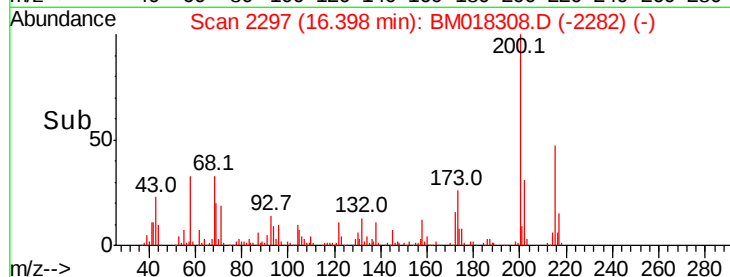
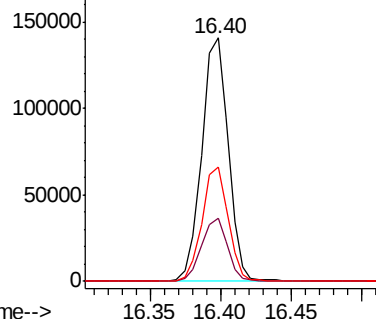


Abundance

Ion 200.00 (199.70 to 200.70): E

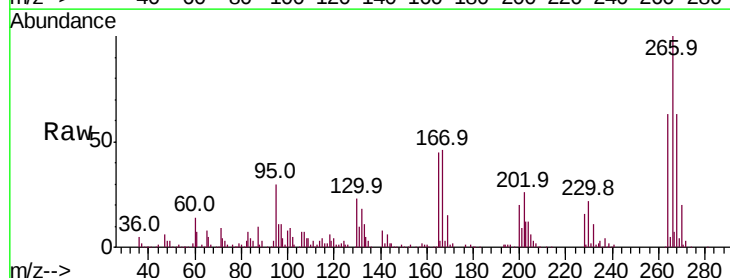
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 72.069 ng
RT: 16.56 min Scan# 2325
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.8	51.1	76.7
264	63.5	49.0	73.4

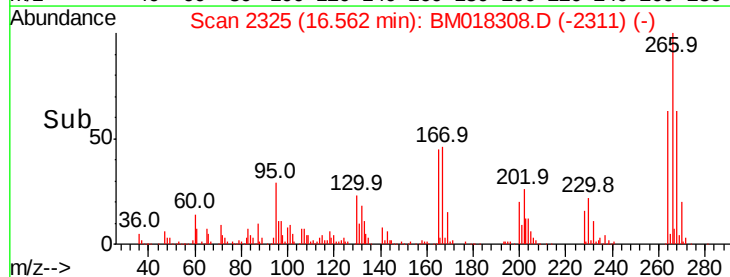
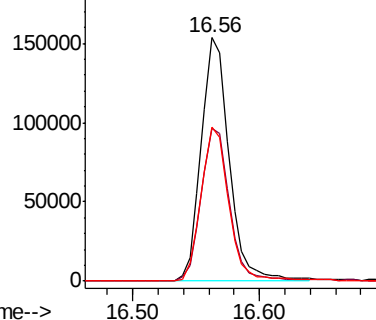


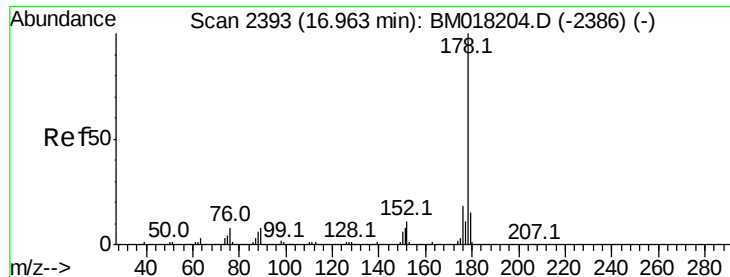
Abundance

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





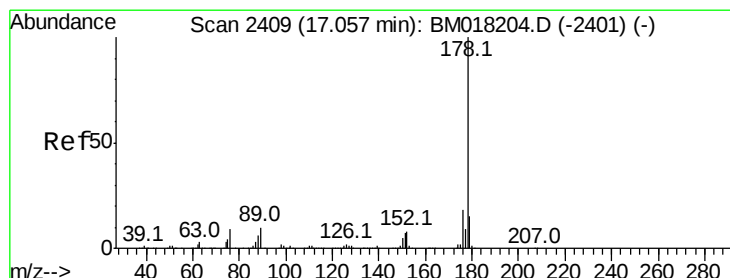
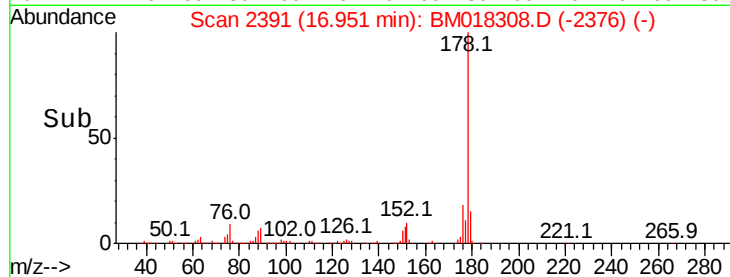
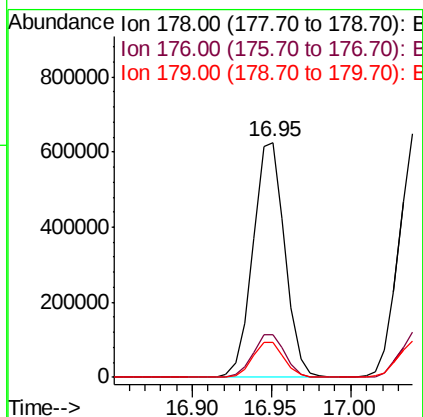
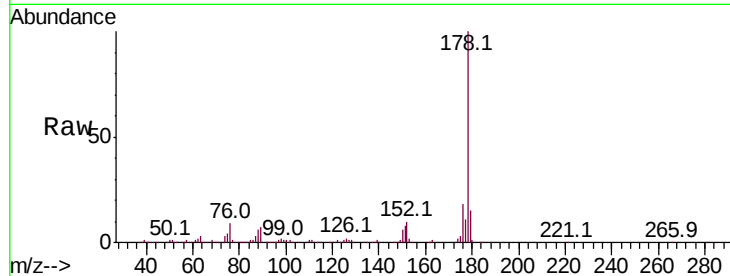
#71
Phenanthrene
Concen: 43.197 ng
RT: 16.95 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.7	22.1
179	15.1	12.0	18.0

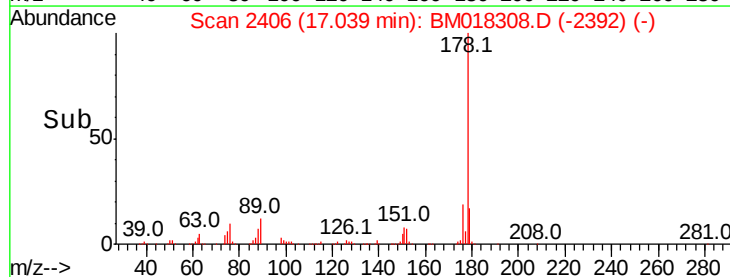
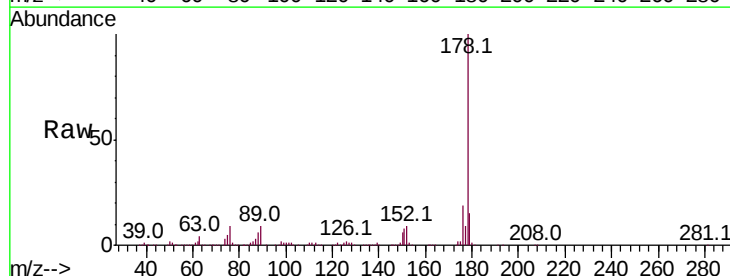
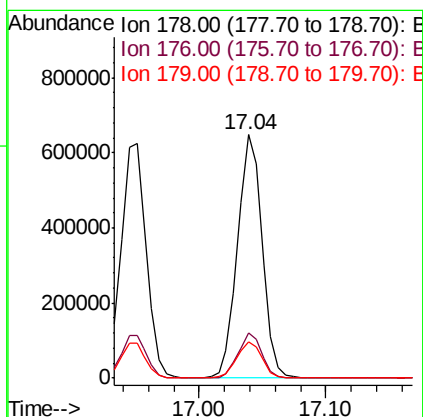
Manual Integrations
APPROVED

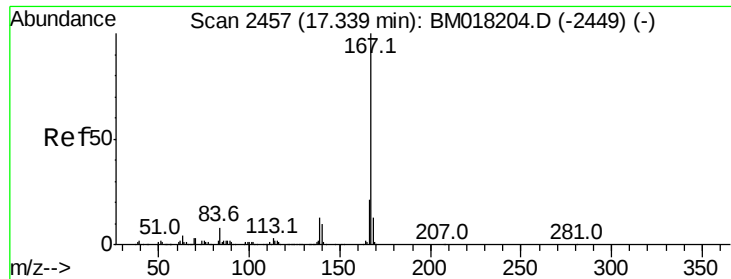
Sohil
12/20/2018 2:55:10 PM



#72
Anthracene
Concen: 43.299 ng
RT: 17.04 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.3	21.5
179	15.1	12.0	18.0





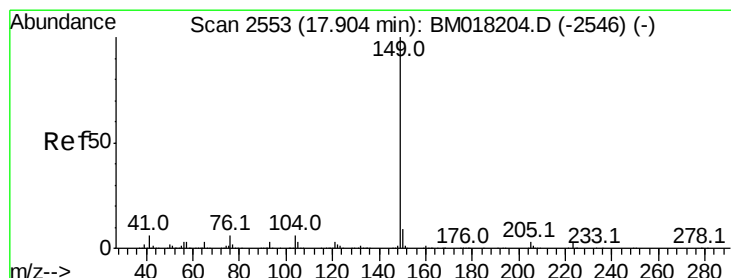
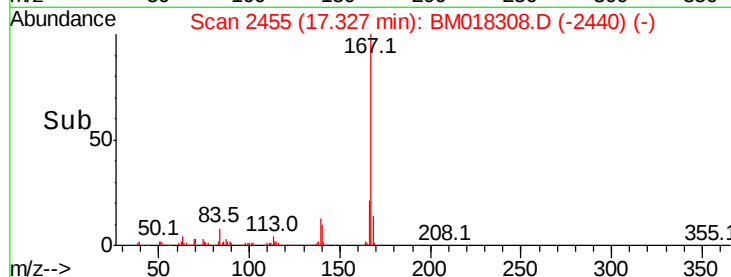
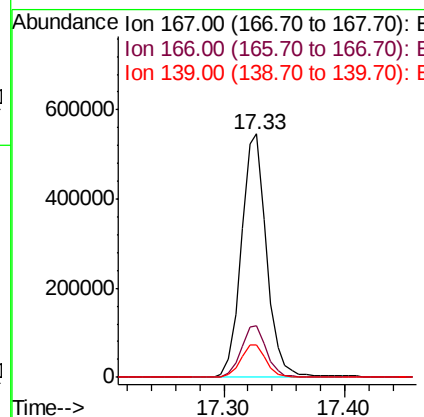
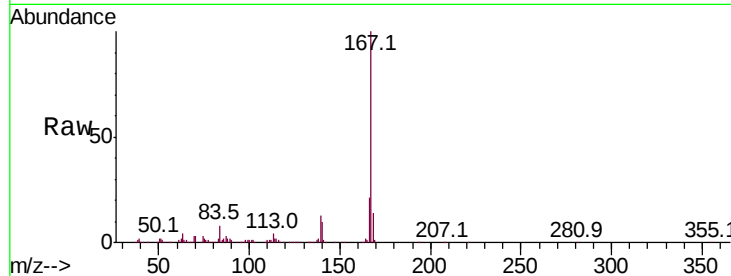
#73
 Carbazole
 Concen: 38.665 ng
 RT: 17.33 min Scan# 2455
 Delta R.T. -0.01 min
 Lab File: BM018308.D
 Acq: 19 Dec 2018 22:12

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS001-0612-01MSD

Tot Ion:	167	Resp:	795204
Ion Ratio	Lower	Upper	
167	100		
166	21.1	16.8	25.2
139	13.1	10.3	15.5

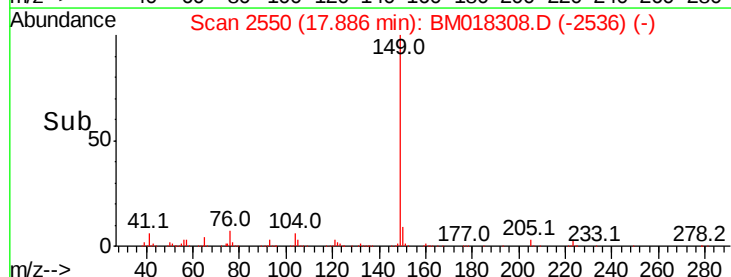
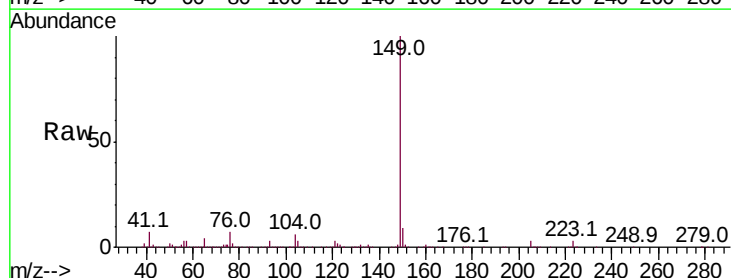
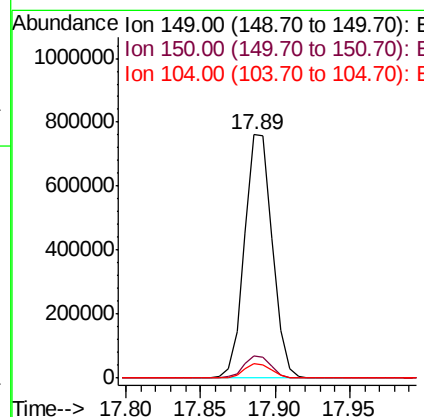
Manual Integrations
 APPROVED

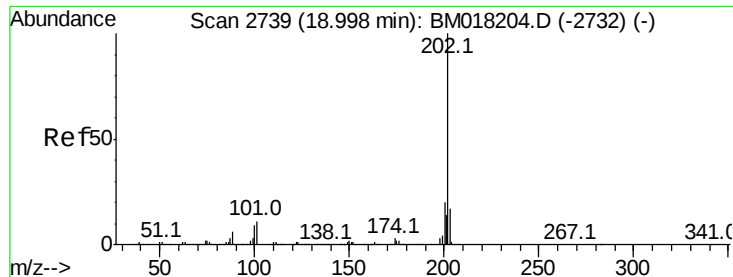
Sohil
 12/20/2018 2:55:10 PM



#74
 Di-n-butylphthalate
 Concen: 38.691 ng
 RT: 17.89 min Scan# 2550
 Delta R.T. -0.02 min
 Lab File: BM018308.D
 Acq: 19 Dec 2018 22:12

Tgt Ion:	149	Resp:	981811
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.3	10.9
104	6.1	4.8	7.2





#75

Fluoranthene

Concen: 43.964 ng

RT: 18.98 min Scan# 2736

Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Instrument :

BNA_M

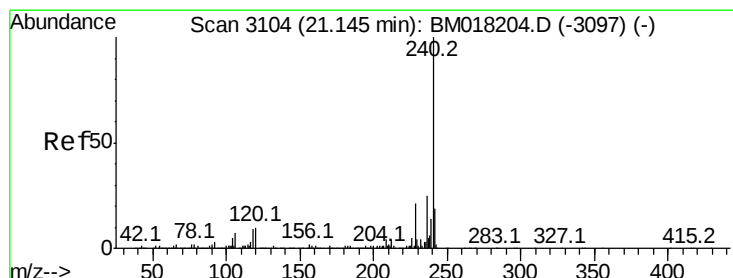
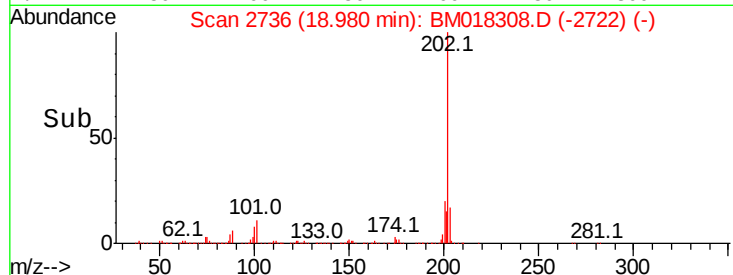
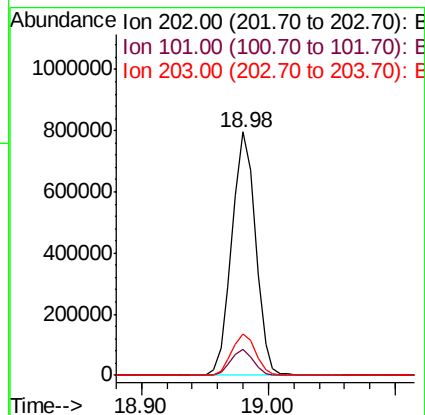
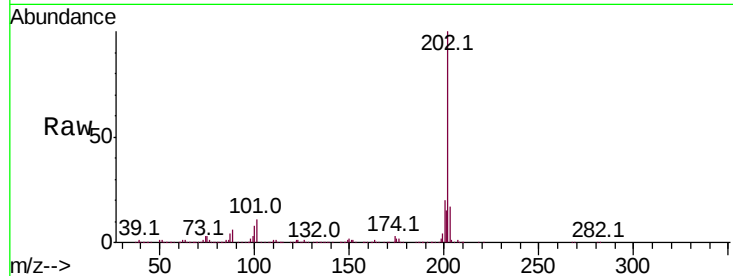
ClientSampleId :

P001-SS001-0612-01MSD

Tot Ion:	202	Resp:	1032381
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	30.5
203	17.2	0.0	37.5

Manual Integrations
APPROVED

Sohil
12/20/2018 2:55:10 PM



#76

Chrysene-d12

Concen: 20.000 ng

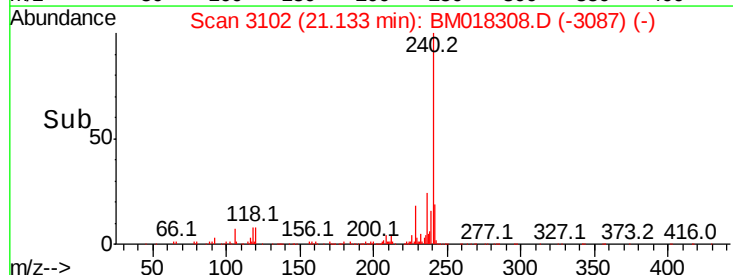
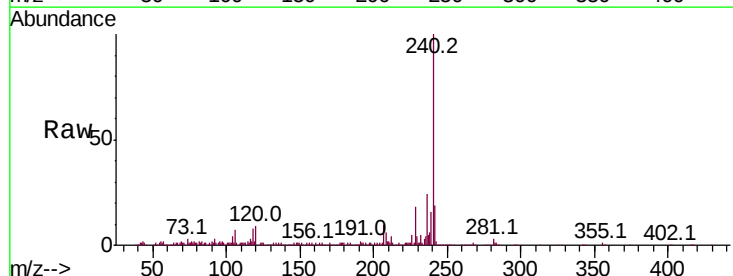
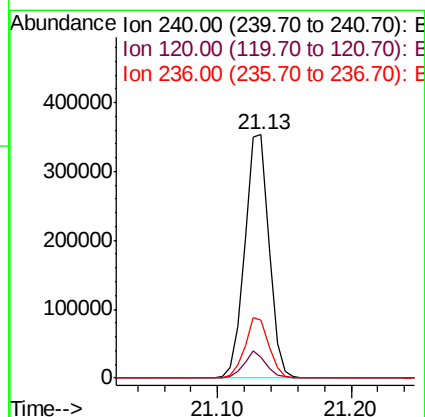
RT: 21.13 min Scan# 3102

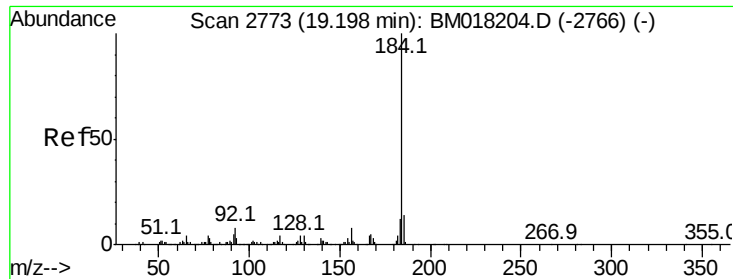
Delta R.T. -0.01 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Tgt Ion:	240	Resp:	440370
Ion Ratio	Lower	Upper	
240	100		
120	8.5	8.2	12.2
236	23.9	20.3	30.5





#77

Benzidine

Concen: 22.203 ng

RT: 19.19 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Instrument :

BNA_M

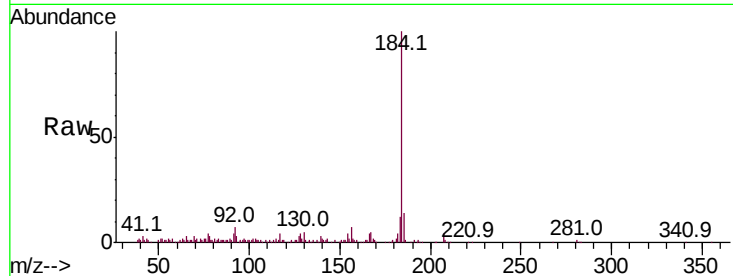
ClientSampleId :

P001-SS001-0612-01MSD

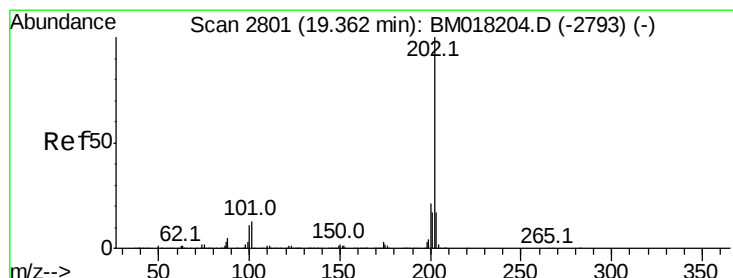
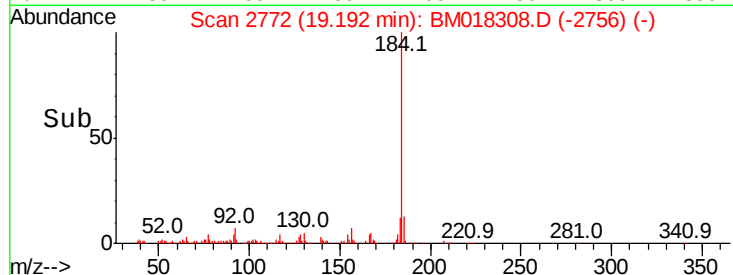
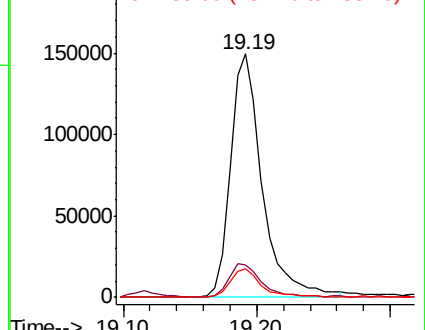
Tot Ion:	184	Resp:	247944
Ion Ratio	Lower	Upper	
184	100		
185	13.6	11.4	17.2
183	11.7	9.7	14.5

Manual Integrations
APPROVED

Sohil
12/20/2018 2:55:10 PM



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



#78

Pyrene

Concen: 40.023 ng

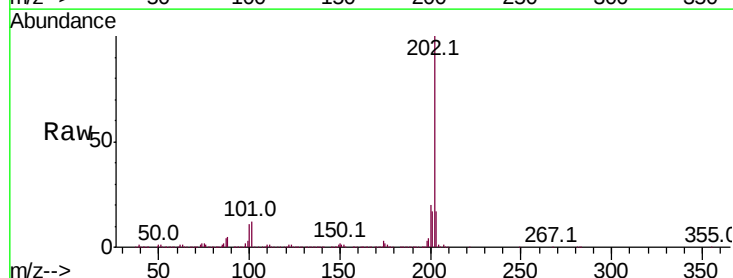
RT: 19.34 min Scan# 2798

Delta R.T. -0.02 min

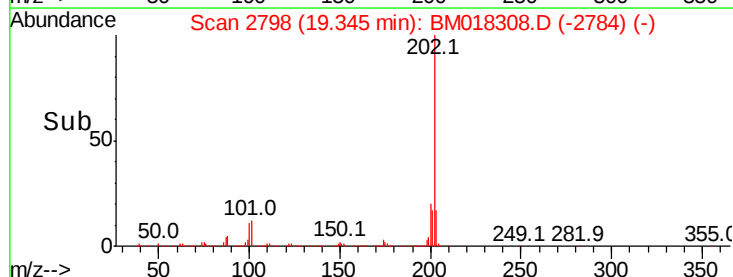
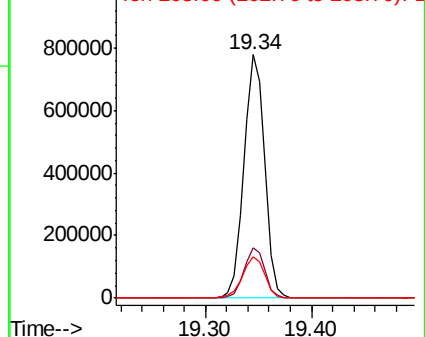
Lab File: BM018308.D

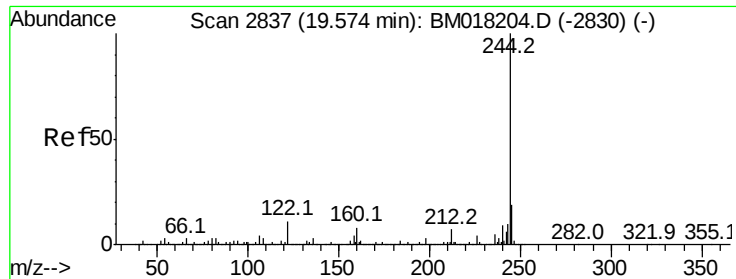
Acq: 19 Dec 2018 22:12

Tgt Ion:	202	Resp:	1050185
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.5	24.7
203	17.2	14.0	21.0



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





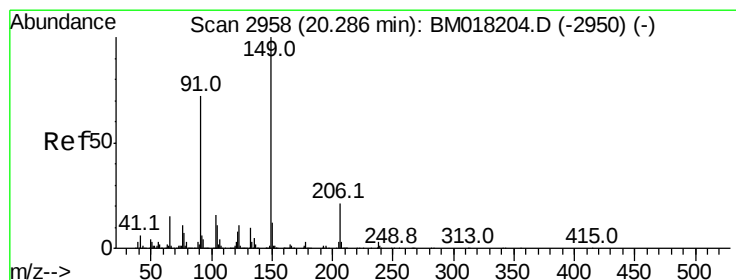
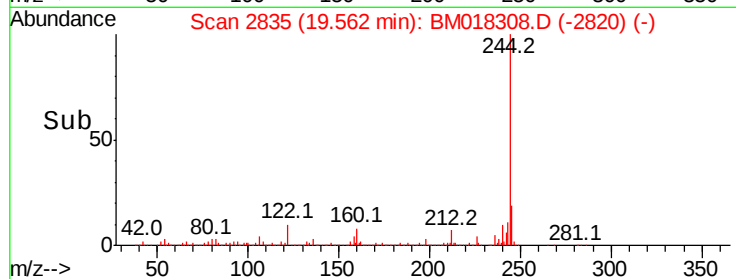
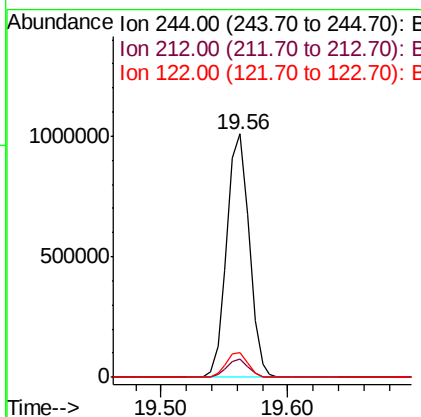
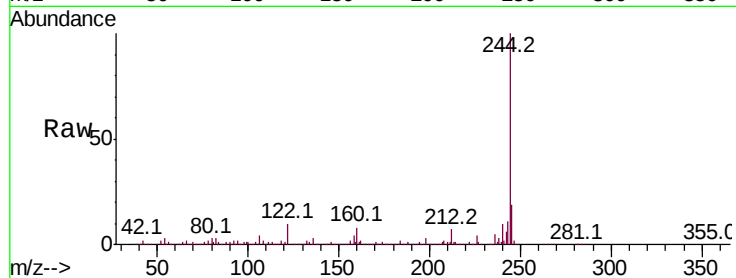
#79
 Terphenyl-d14
 Concen: 63.461 ng
 RT: 19.56 min Scan# 2835
 Delta R.T. -0.01 min
 Lab File: BM018308.D
 Acq: 19 Dec 2018 22:12

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS001-0612-01MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	10.0	9.0	13.6

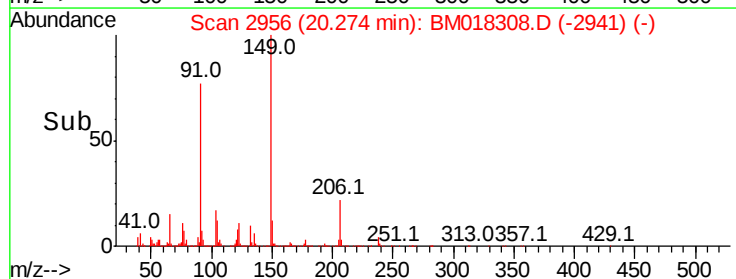
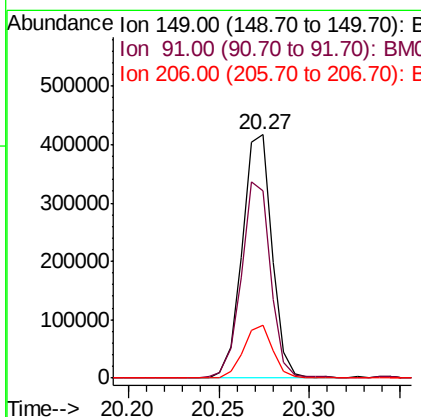
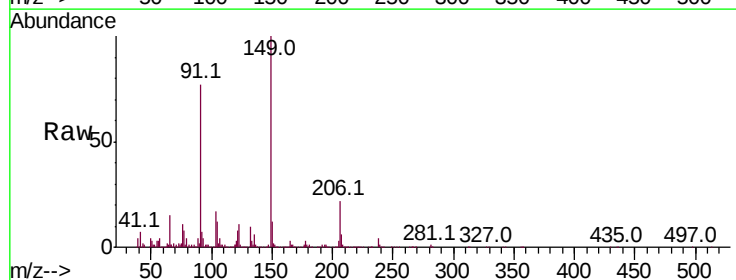
Manual Integrations
 APPROVED

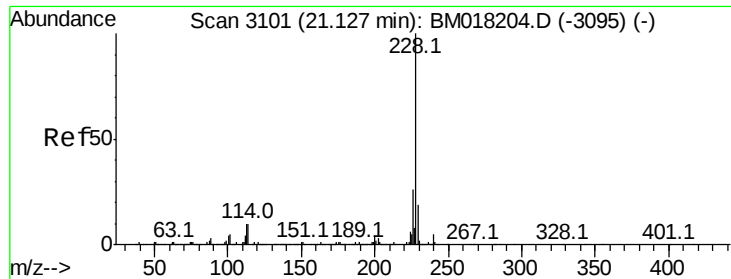
Sohil
 12/20/2018 2:55:10 PM



#80
 Butylbenzylphthalate
 Concen: 37.858 ng
 RT: 20.27 min Scan# 2956
 Delta R.T. -0.01 min
 Lab File: BM018308.D
 Acq: 19 Dec 2018 22:12

Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.0	57.4	86.2
206	21.8	17.0	25.4





#81

Benzo(a)anthracene

Concen: 44.320 ng

RT: 21.12 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Instrument :

BNA_M

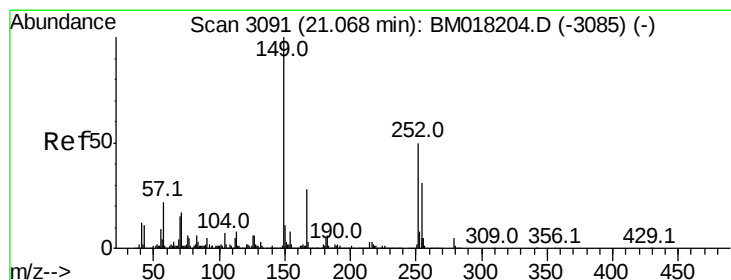
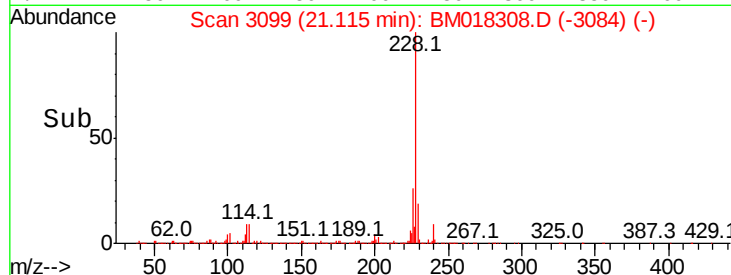
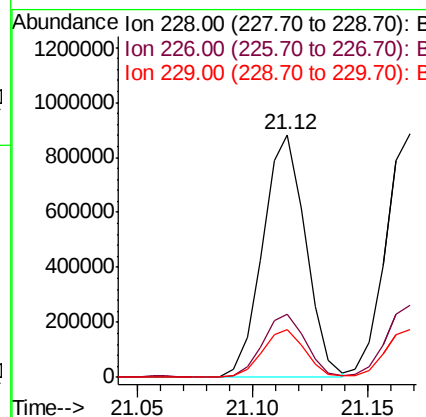
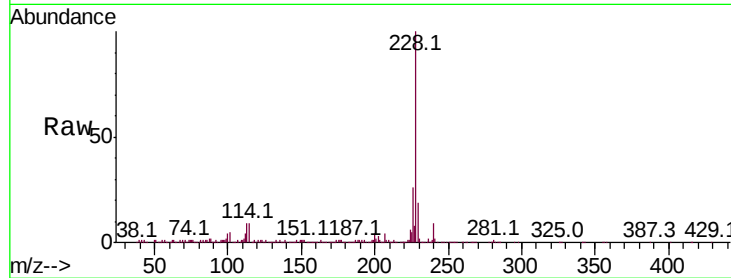
ClientSampleId :

P001-SS001-0612-01MSD

Tot Ion:	228	Resp:	1140107
Ion	Ratio	Lower	Upper
228	100		
226	25.8	21.0	31.4
229	19.5	15.5	23.3

Manual Integrations
APPROVED

Sohil
12/20/2018 2:55:10 PM



#82

3,3'-Dichlorobenzidine

Concen: 31.653 ng

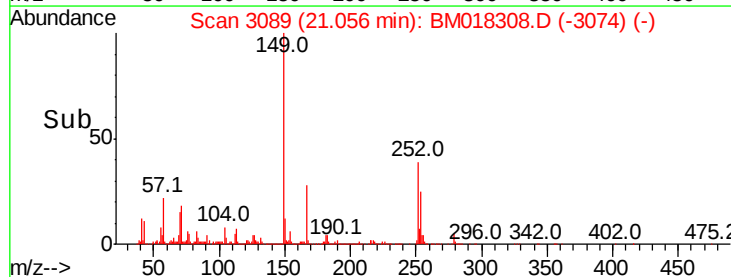
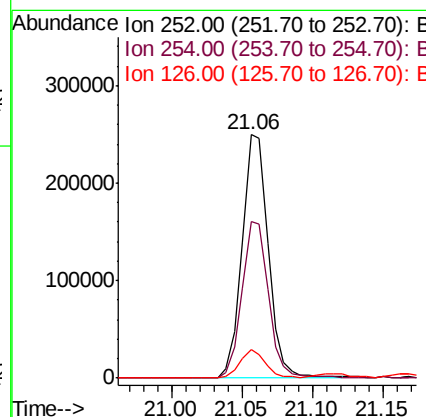
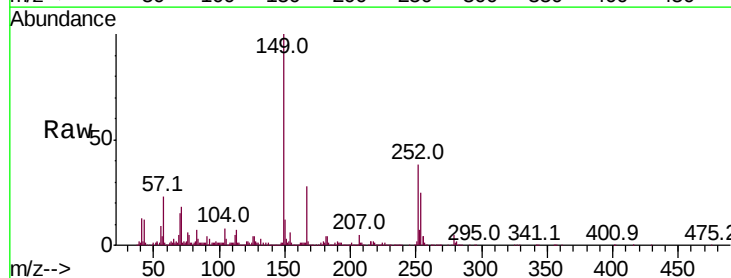
RT: 21.06 min Scan# 3089

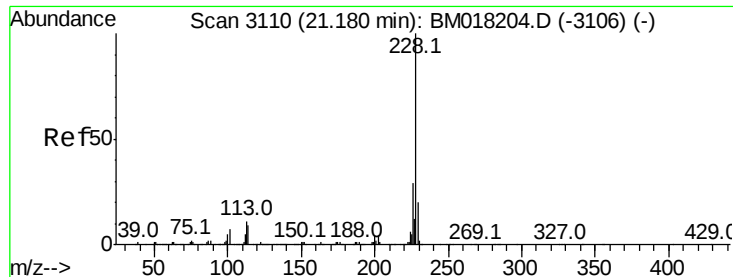
Delta R.T. -0.01 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Tgt Ion:	252	Resp:	325303
Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.4	75.6
126	11.6	9.4	14.0





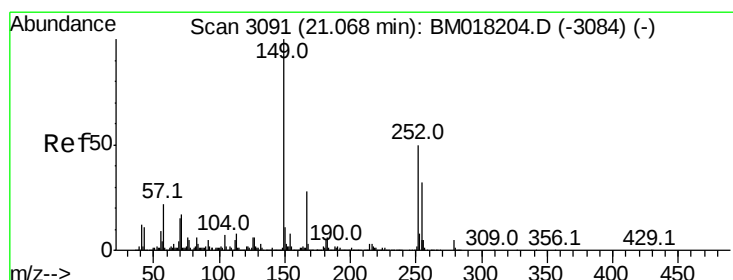
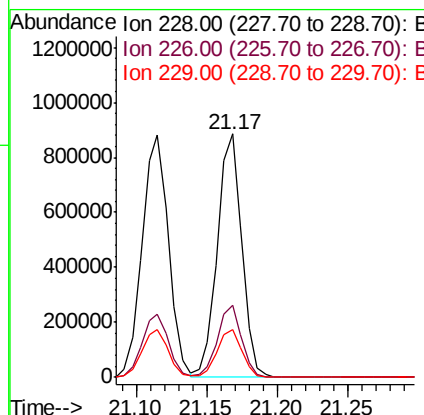
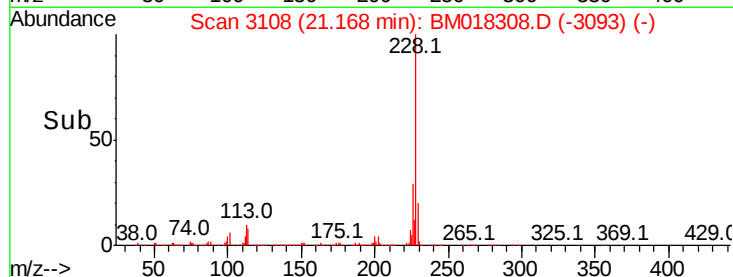
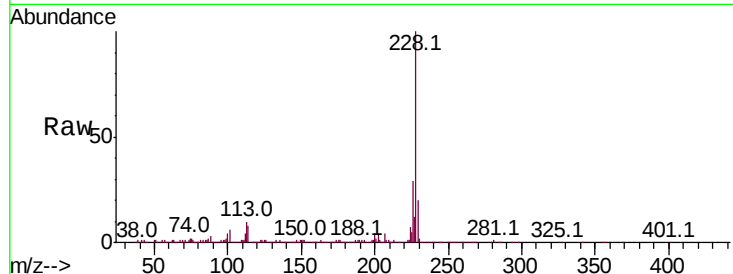
#83
 Chrysene
 Concen: 42.986 ng
 RT: 21.17 min Scan# 3108
 Delta R.T. -0.01 min
 Lab File: BM018308.D
 Acq: 19 Dec 2018 22:12

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS001-0612-01MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.1	34.7
229	19.7	15.8	23.6

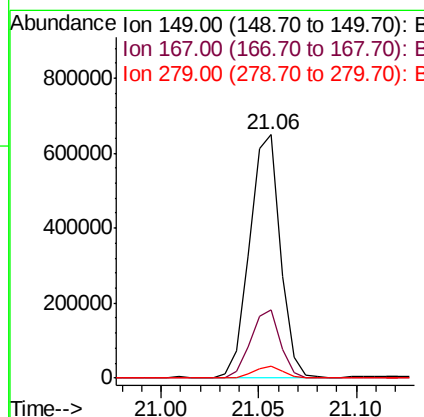
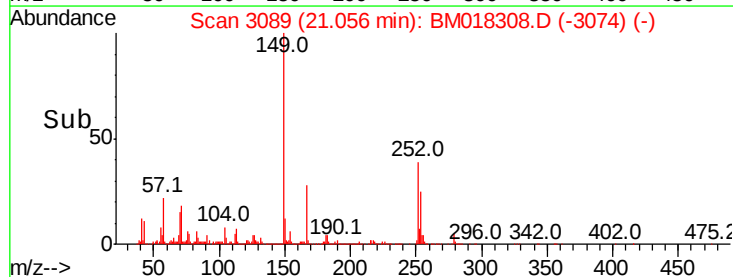
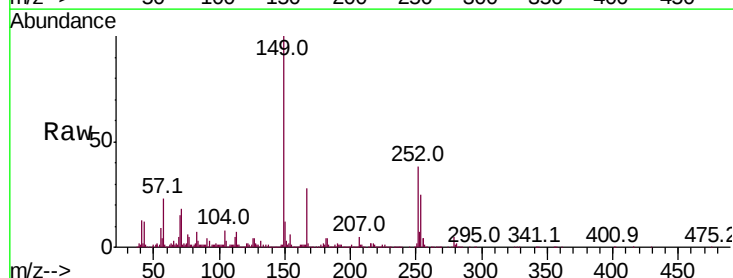
Manual Integrations
 APPROVED

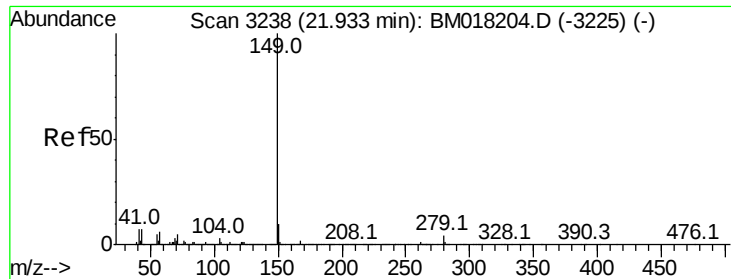
Sohil
 12/20/2018 2:55:10 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.789 ng
 RT: 21.06 min Scan# 3089
 Delta R.T. -0.01 min
 Lab File: BM018308.D
 Acq: 19 Dec 2018 22:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.7	34.1
279	5.0	3.9	5.9





#85

Di-n-octyl phthalate

Concen: 42.244 ng

RT: 21.92 min Scan# 3235

Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Instrument :

BNA_M

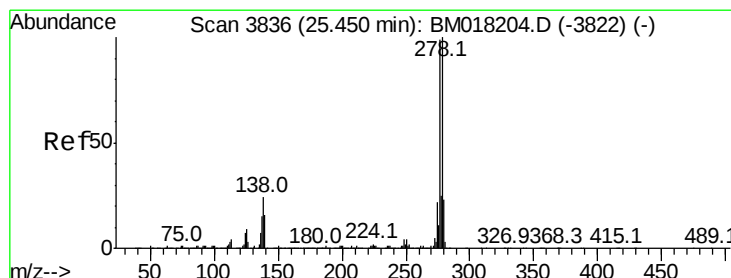
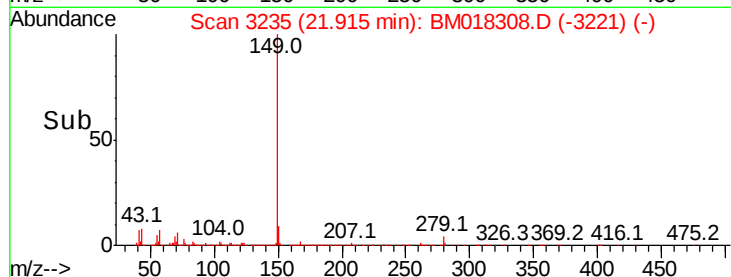
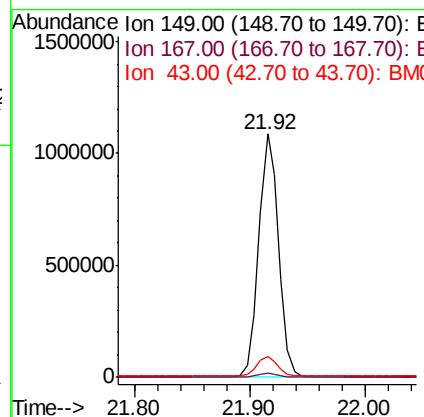
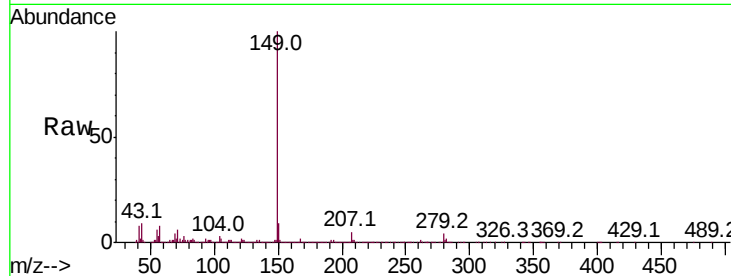
ClientSampleId :

P001-SS001-0612-01MSD

Tot Ion:	149	Resp:	1287098
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	8.2	6.2	9.4

Manual Integrations
APPROVED

Sohil
12/20/2018 2:55:10 PM



#86

Indeno(1,2,3-cd)pyrene

Concen: 62.617 ng

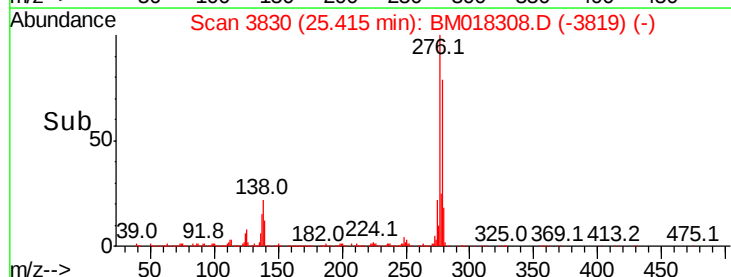
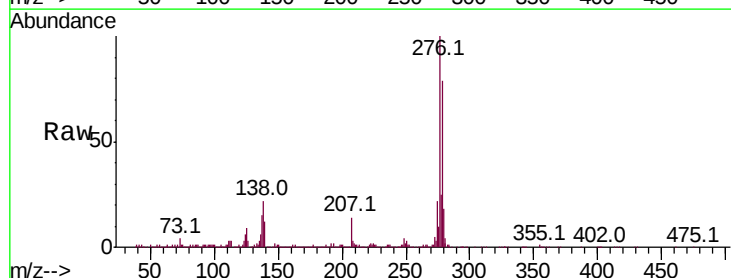
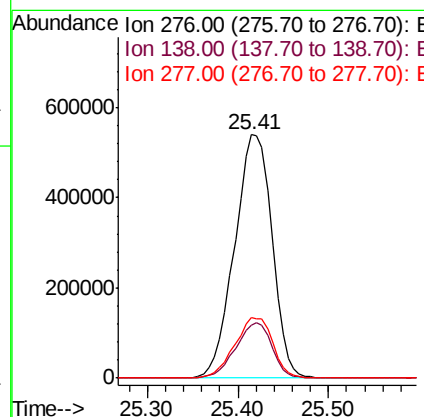
RT: 25.41 min Scan# 3830

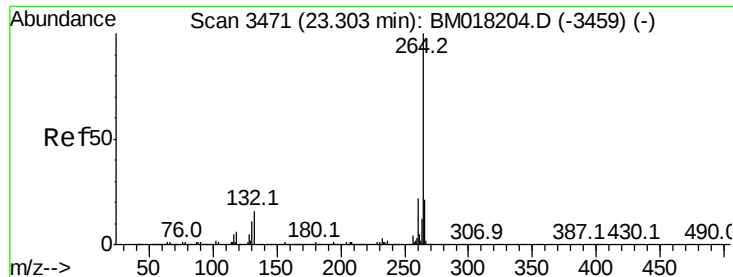
Delta R.T. -0.04 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Tgt Ion:	276	Resp:	1543325
Ion	Ratio	Lower	Upper
276	100		
138	21.8	18.6	28.0
277	24.8	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.29 min Scan# 3468

Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Instrument :

BNA_M

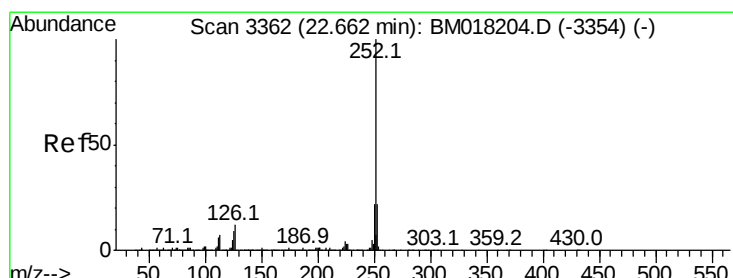
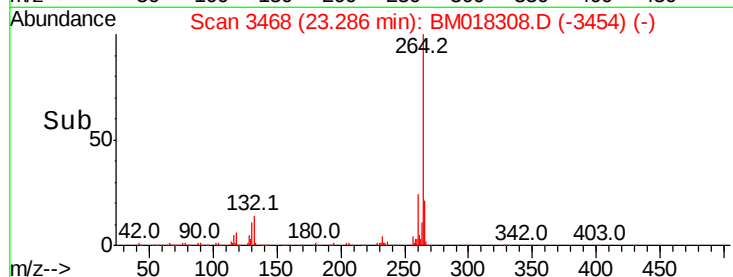
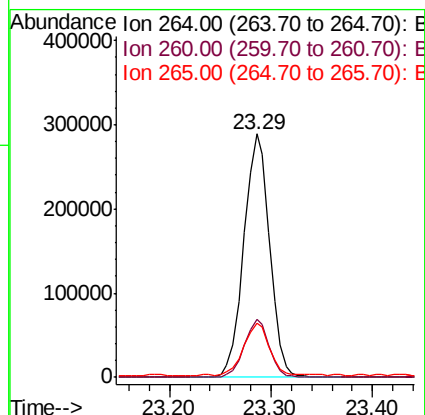
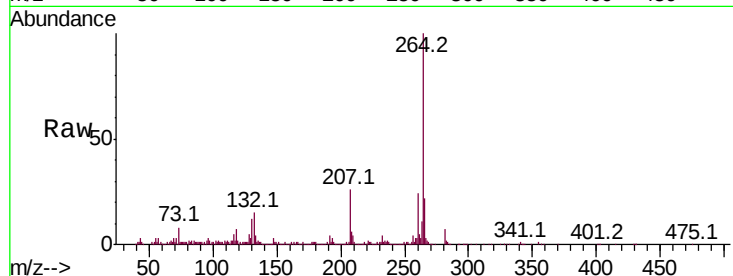
ClientSampleId :

P001-SS001-0612-01MSD

Tot Ion:	264	Resp:	509951
Ion Ratio	Lower	Upper	
264	100		
260	23.7	17.5	26.3
265	22.0	17.3	25.9

Manual Integrations
APPROVED

Sohil
12/20/2018 2:55:10 PM



#88

Benzo(b)fluoranthene

Concen: 43.740 ng

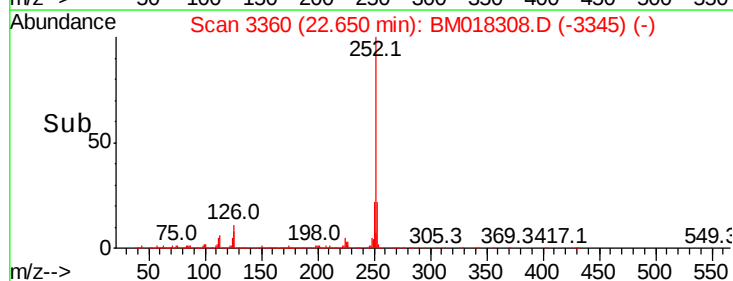
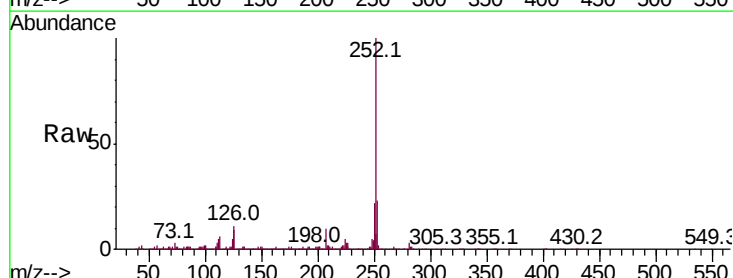
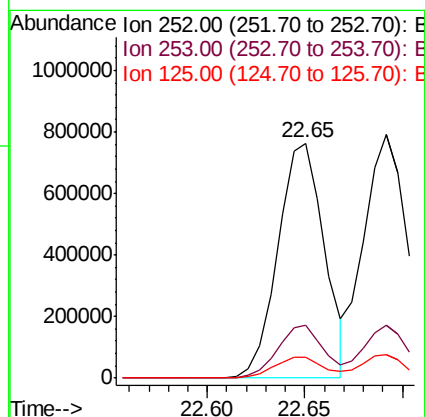
RT: 22.65 min Scan# 3360

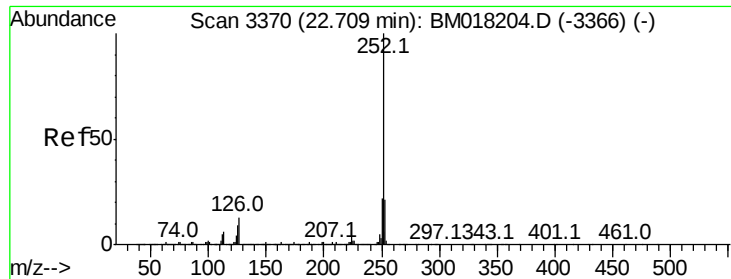
Delta R.T. -0.01 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Tgt Ion:	252	Resp:	1252937
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.6	26.4
125	8.6	7.4	11.0





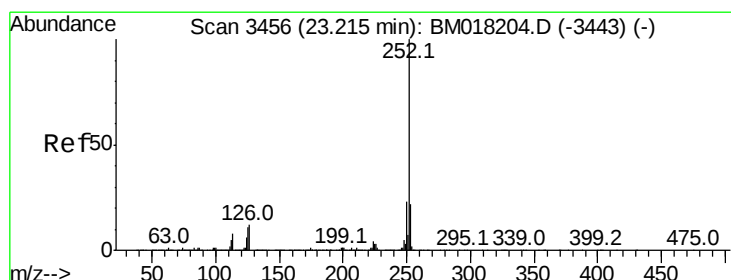
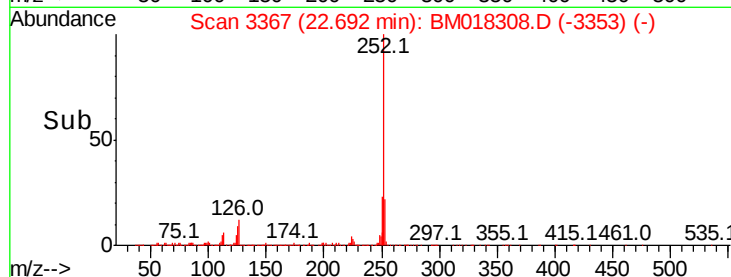
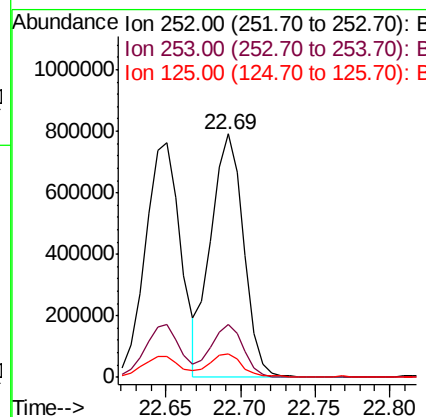
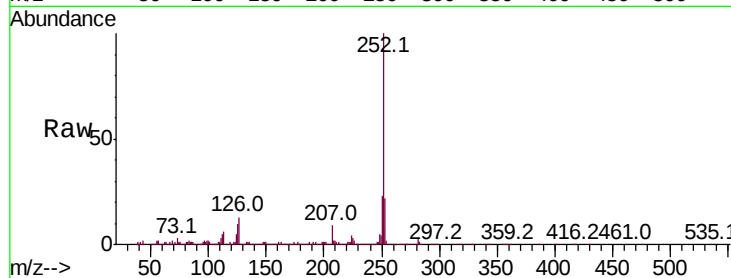
#89
Benzo(k)fluoranthene
Concen: 42.450 ng
RT: 22.69 min Scan# 3367
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	16.9	25.3
125	9.6	7.5	11.3

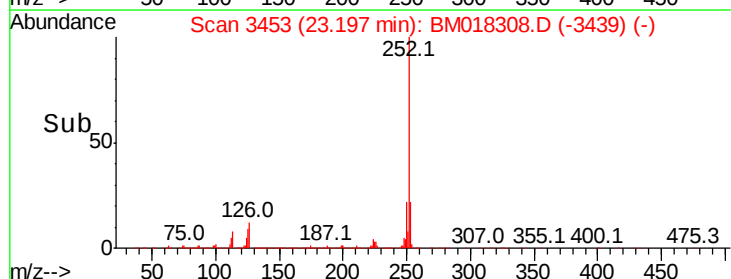
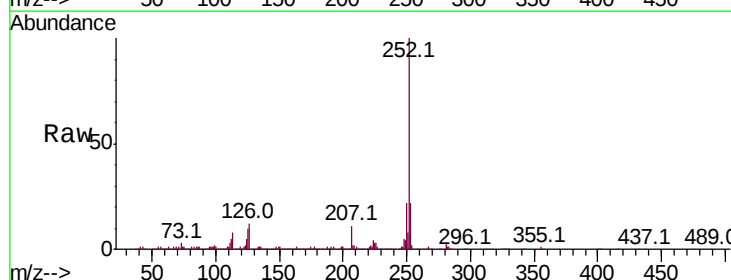
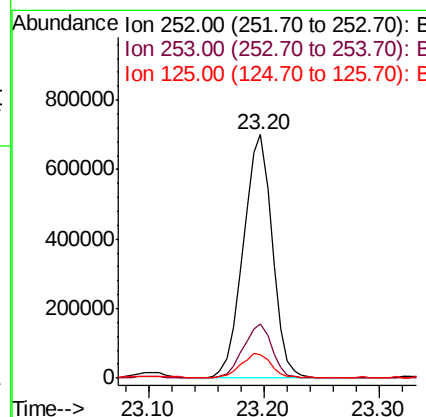
Manual Integrations
APPROVED

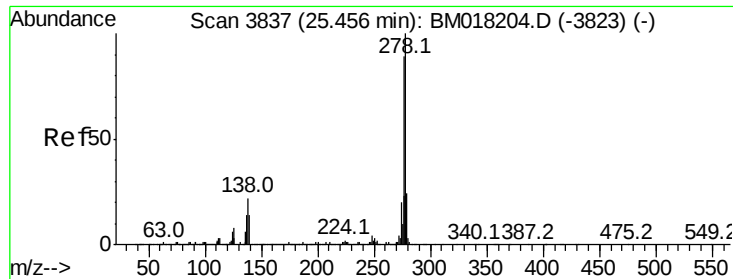
Sohil
12/20/2018 2:55:10 PM



#90
Benzo(a)pyrene
Concen: 44.694 ng
RT: 23.20 min Scan# 3453
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	9.6	8.6	12.8





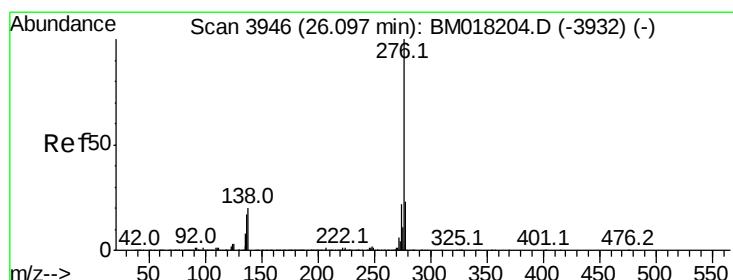
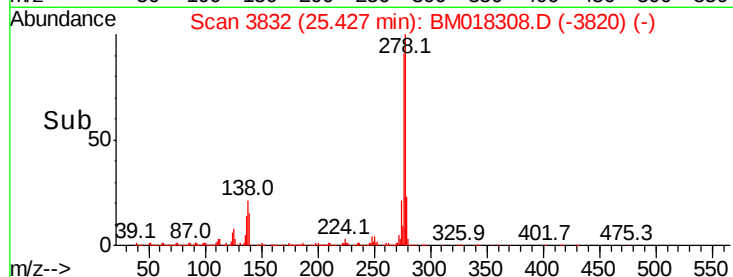
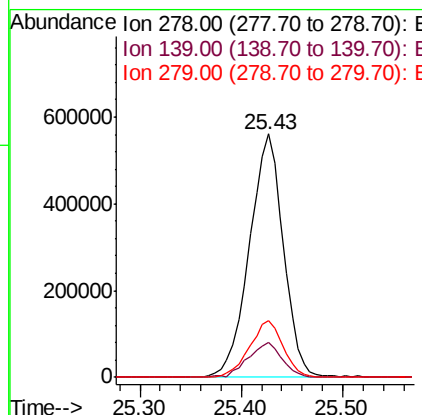
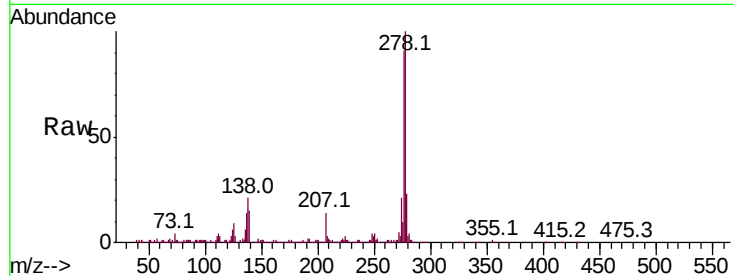
#91
Dibenzo(a,h)anthracene
Concen: 51.360 ng
RT: 25.43 min Scan# 3832
Delta R.T. -0.03 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.6	11.6	17.4
279	23.1	19.2	28.8

Manual Integrations
APPROVED

Sohil
12/20/2018 2:55:10 PM



#92
Benzo(g,h,i)perylene
Concen: 53.448 ng
RT: 26.07 min Scan# 3941
Delta R.T. -0.03 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.7	28.1
138	18.6	15.8	23.8

