

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070918\
 Data File : BM015849.D
 Acq On : 09 Jul 2018 18:50
 Operator : SJ/JU
 Sample : J3888-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 AOC7-BTM-6-6.5MS

Manual Integrations
 APPROVED

Sohil
 7/10/2018 2:50:05 PM

Quant Time: Jul 10 02:20:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 05 17:39:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	90242	20.00	ng	-0.02
21) Naphthalene-d8	11.13	136	396665	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	234621	20.00	ng	-0.01
63) Phenanthrene-d10	17.64	188	530252	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	624624	20.00	ng	-0.01
86) Perylene-d12	24.16	264	604826	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.80	112	877376	166.74	ng	-0.01
7) Phenol-d6	7.46	99	1176029	163.25	ng	0.00
23) Nitrobenzene-d5	9.49	82	773617	95.16	ng	-0.01
41) 2,4,6-Tribromophenol	16.40	330	517692	168.87	ng	-0.01
44) 2-Fluorobiphenyl	13.55	172	1588721	84.07	ng	-0.02
78) Terphenyl-d14	20.21	244	2930545	87.02	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	76150	34.992	ng	# 100
3) Pyridine	4.00	79	200109	34.846	ng	# 77
4) n-Nitrosodimethylamine	3.91	42	191553	42.838	ng	# 45
6) Aniline	7.62	93	330278	37.817	ng	90
8) 2-Chlorophenol	7.86	128	310300	49.134	ng	94
9) Benzaldehyde	7.43	77	129240	28.465	ng	89
10) Phenol	7.48	94	385904	53.314	ng	93
11) bis(2-Chloroethyl)ether	7.72	93	257221	43.684	ng	89
12) 1,3-Dichlorobenzene	8.19	146	301872	43.112	ng	# 90
13) 1,4-Dichlorobenzene	8.33	146	309090	42.687	ng	# 95
14) 1,2-Dichlorobenzene	8.66	146	302464	43.193	ng	# 94
15) Benzyl Alcohol	8.55	79	288641	46.153	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.83	45	416315	64.739	ng	98
17) 2-Methylphenol	8.75	107	254523	50.754	ng	# 87
18) Hexachloroethane	9.39	117	128029	44.717	ng	96
19) n-Nitroso-di-n-propylamine	9.12	70	246521	42.581	ng	# 79
20) 3+4-Methylphenols	9.08	107	344079	49.396	ng	88
22) Acetophenone	9.15	105	455518	44.083	ng	# 88
24) Nitrobenzene	9.53	77	374626	47.339	ng	98
25) Isophorone	10.05	82	648733	52.280	ng	# 94
26) 2-Nitrophenol	10.25	139	160608	47.131	ng	# 60
27) 2,4-Dimethylphenol	10.29	122	285184	55.088	ng	# 81
28) bis(2-Chloroethoxy)methane	10.52	93	371074	45.900	ng	99
29) 2,4-Dichlorophenol	10.77	162	300317	52.379	ng	98
30) 1,2,4-Trichlorobenzene	10.99	180	297558	44.682	ng	97
31) Naphthalene	11.18	128	933019	45.368	ng	99
32) Benzoic acid	10.41	122	36041m	7.863	ng	
33) 4-Chloroaniline	11.29	127	311552	37.157	ng	# 87
34) Hexachlorobutadiene	11.43	225	186539	41.972	ng	98
35) Caprolactam	12.10	113	88182m	46.376	ng	
36) 4-Chloro-3-methylphenol	12.40	107	330665	50.262	ng	87
37) 2-Methylnaphthalene	12.77	142	691380	47.259	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	13.13	216	335696	44.580	ng	# 100
40) Hexachlorocyclopentadiene	13.09	237	296725	83.870	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070918\
 Data File : BM015849.D
 Acq On : 09 Jul 2018 18:50
 Operator : SJ/JU
 Sample : J3888-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 AOC7-BTM-6-6.5MS

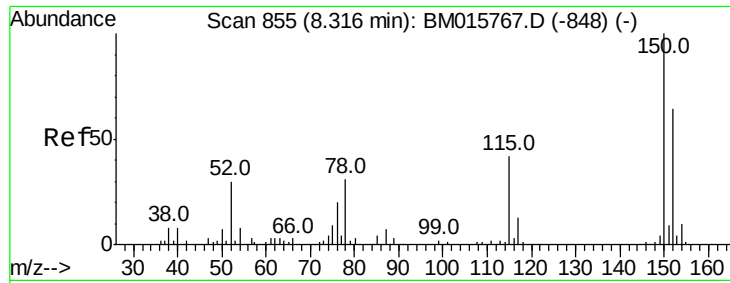
Manual Integrations
 APPROVED

Sohil
 7/10/2018 2:50:05 PM

Quant Time: Jul 10 02:20:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 05 17:39:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.37	196	234686	49.304	nq	99
43) 2,4,5-Trichlorophenol	13.45	196	252495	49.105	nq #	83
45) 1,1'-Biphenyl	13.76	154	899774	44.356	nq	99
46) 2-Chloronaphthalene	13.81	162	697079	45.961	nq #	91
47) 2-Nitroaniline	14.02	65	256955	48.582	nq #	79
48) Acenaphthylene	14.65	152	1154373	46.787	nq	99
49) Dimethylphthalate	14.37	163	1183990	57.220	nq	99
50) 2,6-Dinitrotoluene	14.51	165	198909	49.302	nq #	72
51) Acenaphthene	14.99	154	665827	43.368	nq	99
52) 3-Nitroaniline	14.84	138	172135	38.980	nq #	74
53) 2,4-Dinitrophenol	15.06	184	122044	62.160	nq #	85
54) Dibenzofuran	15.32	168	1080299	45.664	nq #	86
55) 4-Nitrophenol	15.15	139	347008	106.475	nq #	71
56) 2,4-Dinitrotoluene	15.30	165	289446	49.693	nq	94
57) Fluorene	15.96	166	885427	45.386	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.54	232	222180	51.205	nq #	100
59) Diethylphthalate	15.72	149	1010166	45.556	nq	96
60) 4-Chlorophenyl-phenylether	15.94	204	431413	42.976	nq #	88
61) 4-Nitroaniline	16.00	138	207172	45.223	nq #	37
62) Azobenzene	16.24	77	1050686	50.549	nq	81
64) 4,6-Dinitro-2-methylphenol	16.06	198	135675	42.089	nq	89
65) n-Nitrosodiphenylamine	16.16	169	779345	42.894	nq	99
66) 4-Bromophenyl-phenylether	16.83	248	261921	44.240	nq #	80
67) Hexachlorobenzene	16.96	284	292865	44.268	nq #	80
68) Atrazine	17.10	200	293413	49.096	nq	98
69) Pentachlorophenol	17.30	266	348717	85.185	nq	98
70) Phenanthrene	17.69	178	1384128	45.626	nq	99
71) Anthracene	17.78	178	1421423	47.712	nq	98
72) Carbazole	18.05	167	1337791	48.189	nq	98
73) Di-n-butylphthalate	18.57	149	1788407	47.795	nq #	98
74) Fluoranthene	19.67	202	1662574	47.673	nq	98
76) Benzidine	19.84	184	1087563	59.427	nq	99
77) Pyrene	20.03	202	1678875	43.149	nq	99
79) Butylbenzylphthalate	20.88	149	891560	47.403	nq	88
80) Benzo(a)anthracene	21.74	228	1832648	46.276	nq	99
81) 3,3'-Dichlorobenzidine	21.66	252	563830	39.625	nq	98
82) Chrysene	21.80	228	1688923	45.780	nq	100
83) Bis(2-ethylhexyl)phthalate	21.62	149	1323105	47.611	nq	95
84) Di-n-octyl phthalate	22.54	149	2260900	49.894	nq #	90
85) Indeno(1,2,3-cd)pyrene	26.64	276	1842342	53.751	nq #	93
87) Benzo(b)fluoranthene	23.43	252	1805300	44.707	nq #	96
88) Benzo(k)fluoranthene	23.47	252	1734628	44.221	nq	99
89) Benzo(a)pyrene	24.06	252	1683314	47.356	nq	99
90) Dibenzo(a,h)anthracene	26.64	278	1589439	49.698	nq	97
91) Benzo(g,h,i)perylene	27.40	276	1395461	49.660	nq	94

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



#1

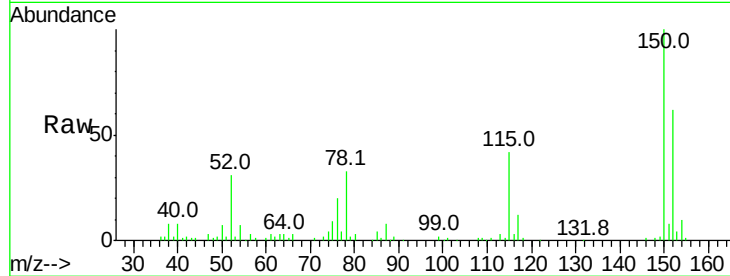
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 852
Delta R.T. -0.02 min
Lab File: BM015849.D
Acq: 09 Jul 2018 18:50

Instrument :
BNA_M
ClientSampleId :
AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.6	119.5	179.3
115	68.6	43.0	64.4

Manual Integrations
APPROVED

Sohil
7/10/2018 2:50:05 PM

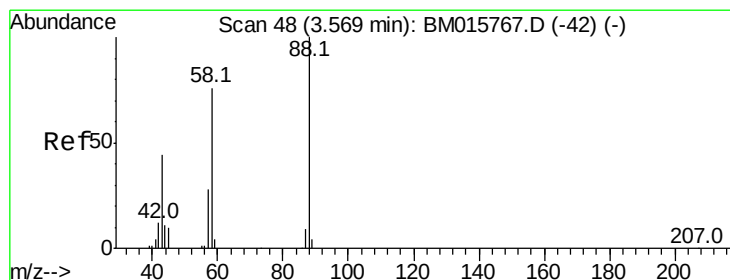
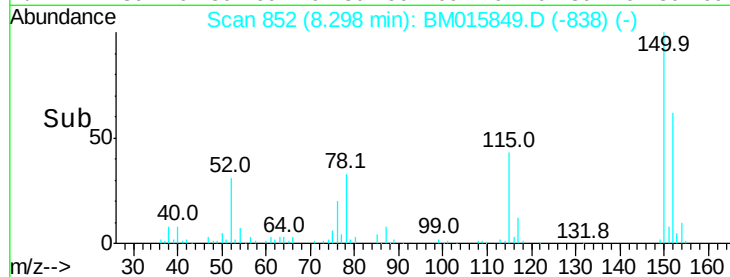
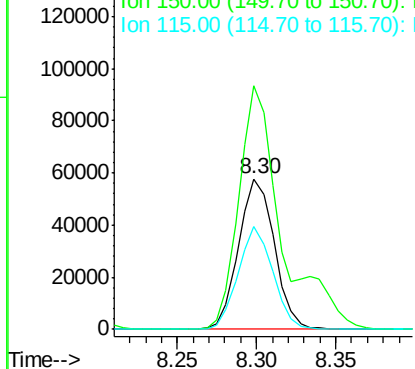


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

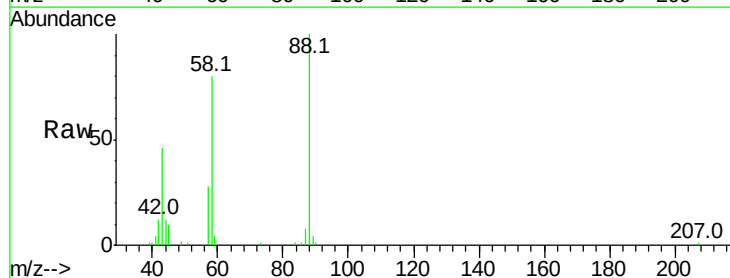
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.992 ng
RT: 3.55 min Scan# 45
Delta R.T. -0.02 min
Lab File: BM015849.D
Acq: 09 Jul 2018 18:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.3	0.0	0.0
43	44.1	0.0	0.0

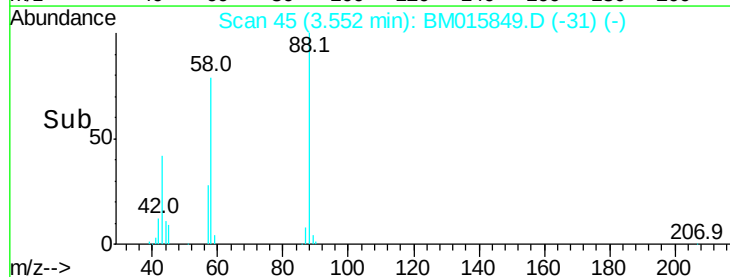
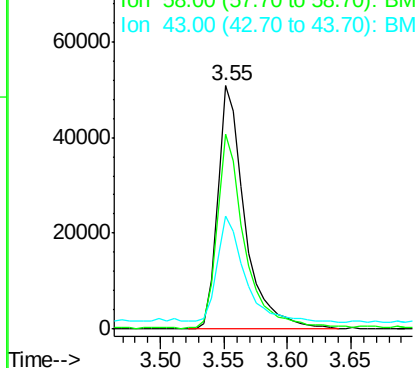


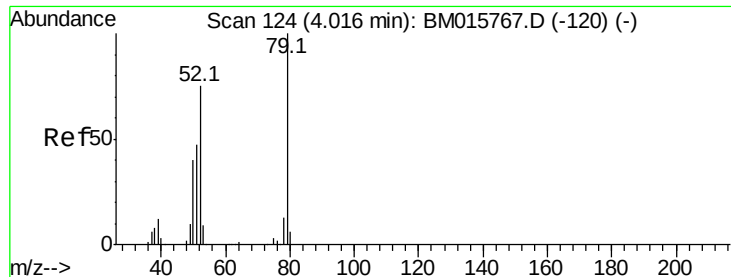
Abundance

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: 34.846 ng

RT: 4.00 min Scan# 121

Delta R.T. -0.02 min

Lab File: BM015849.D

Acq: 09 Jul 2018 18:50

Instrument :

BNA_M

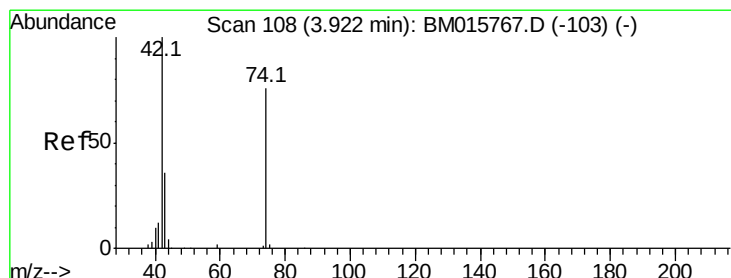
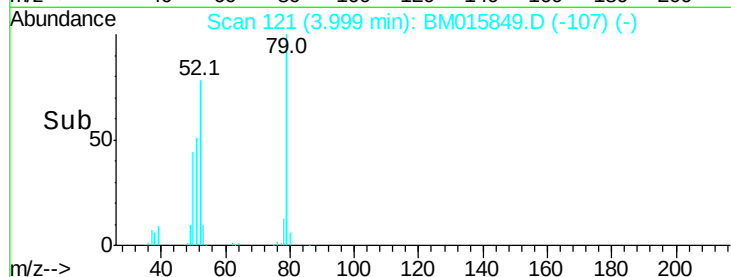
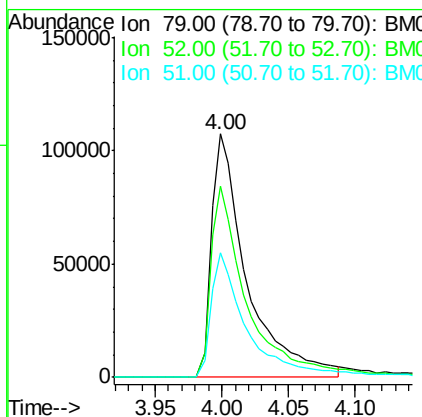
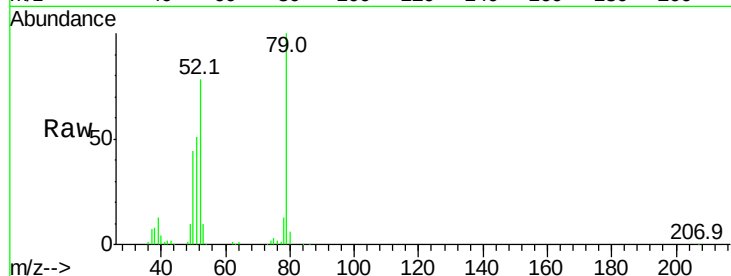
ClientSampleId :

AOC7-BTM-6-6.5MS

Tot Ion:	79	Resp:	200109
Ion Ratio	Lower	Upper	
79	100		
52	78.3	51.1	76.7#
51	51.2	26.1	39.1#

Manual Integrations
APPROVED

Sohil
7/10/2018 2:50:05 PM



#4

n-Nitrosodimethylamine

Concen: 42.838 ng

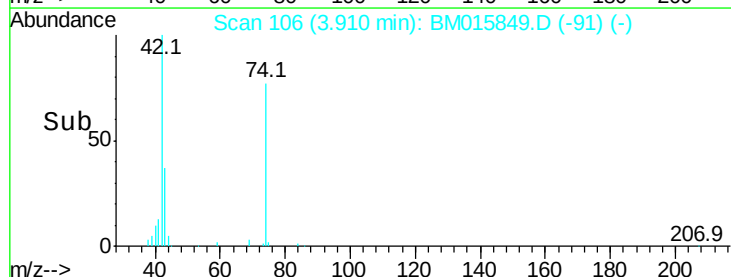
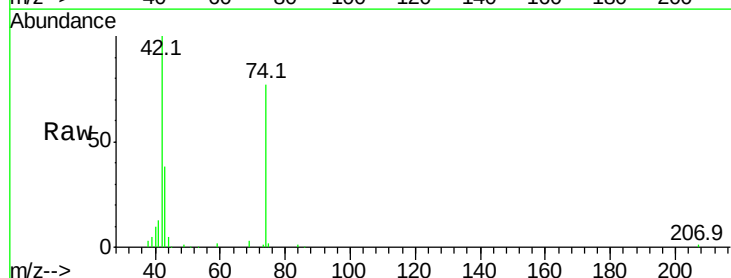
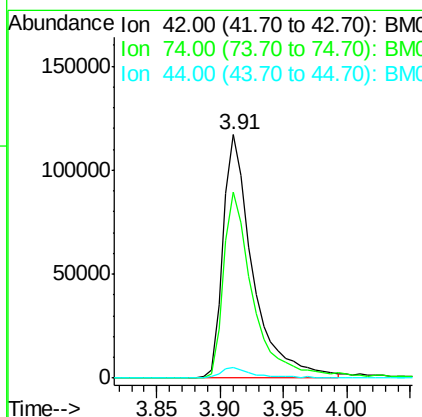
RT: 3.91 min Scan# 106

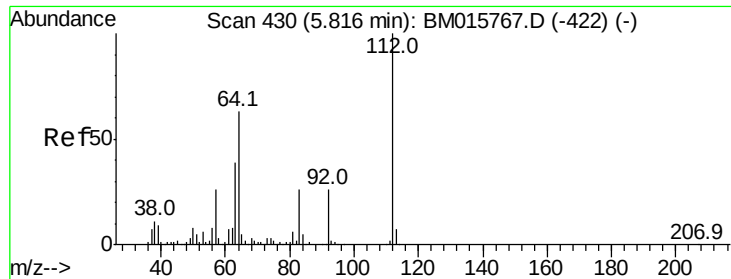
Delta R.T. -0.01 min

Lab File: BM015849.D

Acq: 09 Jul 2018 18:50

Tgt Ion:	42	Resp:	191553
Ion Ratio	Lower	Upper	
42	100		
74	76.6	119.3	178.9#
44	4.6	5.4	8.2#





#5

2-Fluorophenol

Concen: 42.838 ng

RT: 5.80 min Scan# 428

Delta R.T. -0.01 min

Lab File: BM015849.D

Acq: 09 Jul 2018 18:50

Instrument :

BNA_M

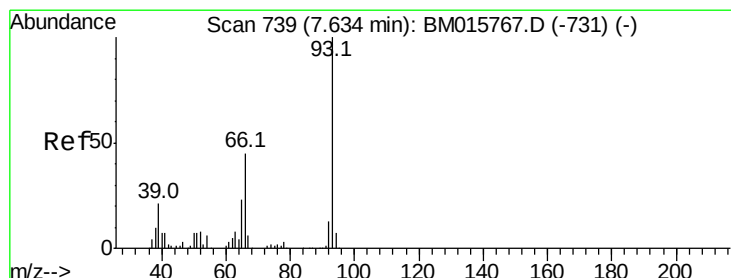
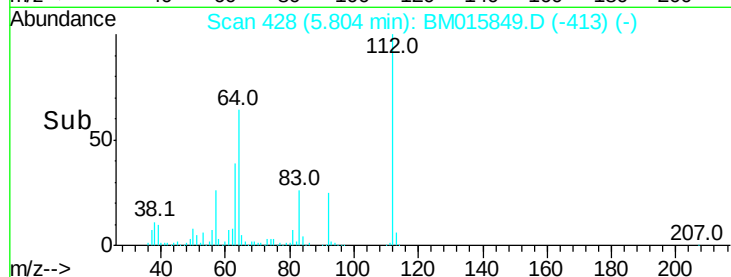
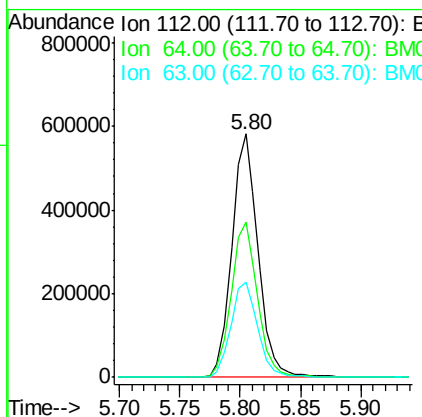
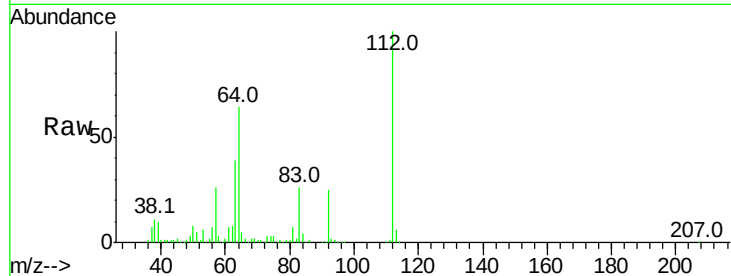
ClientSampleId :

AOC7-BTM-6-6.5MS

Tot Ion:	112	Resp:	877376
Ion Ratio	Lower	Upper	
112	100		
64	63.9	38.6	57.8#
63	39.2	19.3	28.9#

Manual Integrations
APPROVED

Sohil
7/10/2018 2:50:05 PM



#6

Aniline

Concen: 37.817 ng

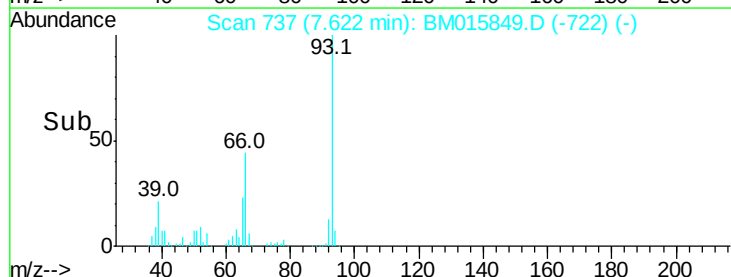
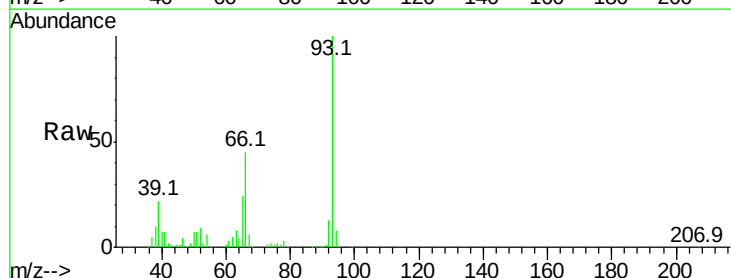
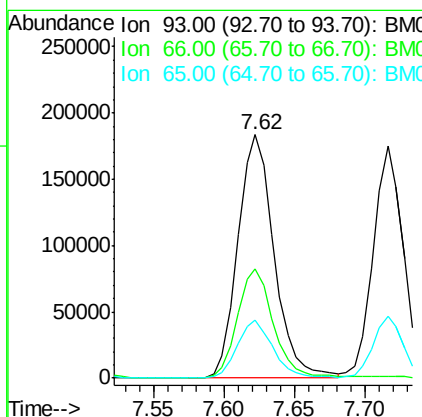
RT: 7.62 min Scan# 737

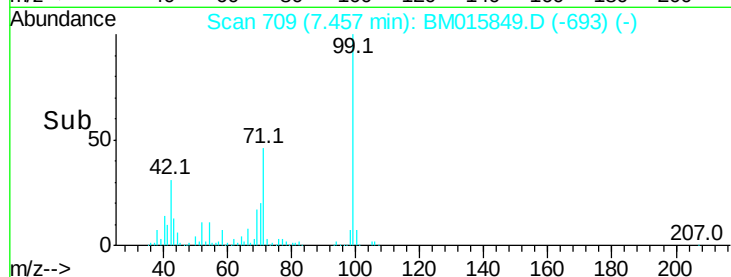
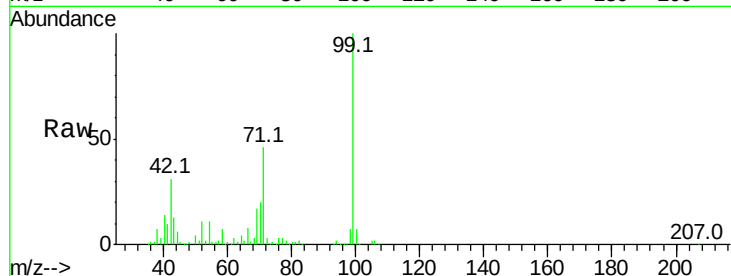
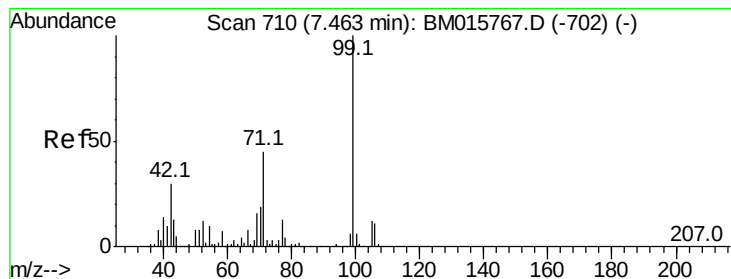
Delta R.T. -0.01 min

Lab File: BM015849.D

Acq: 09 Jul 2018 18:50

Tgt Ion:	93	Resp:	330278
Ion Ratio	Lower	Upper	
93	100		
66	44.8	30.8	46.2
65	23.7	16.0	24.0





#7

Phenol-d6

Concen: 37.817 ng

RT: 7.46 min Scan# 709

Delta R.T. -0.01 min

Lab File: BM015849.D

Acq: 09 Jul 2018 18:50

Tot Ion: 99 Resp: 1176029

Ion Ratio Lower Upper

99 100

42 30.7 11.0 16.4#

71 45.8 23.4 35.2#

Instrument :

BNA_M

ClientSampleId :

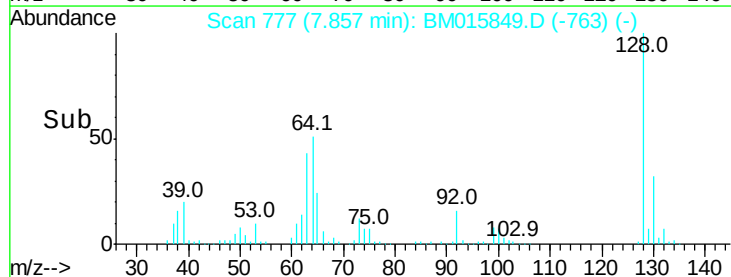
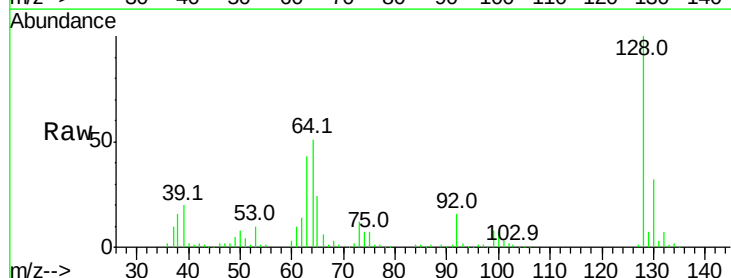
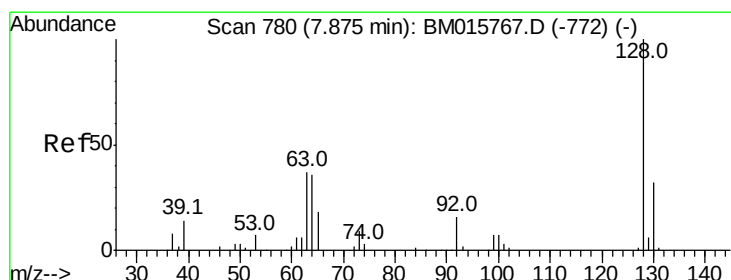
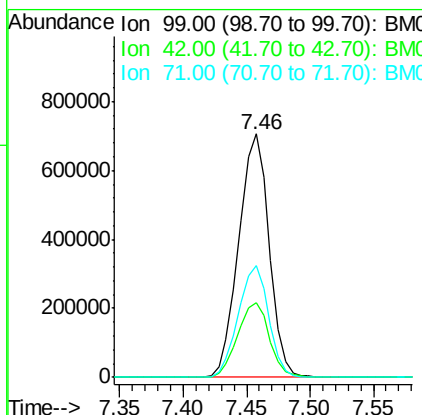
AOC7-BTM-6-6.5MS

Manual Integrations

APPROVED

Sohil

7/10/2018 2:50:05 PM



#8

2-Chlorophenol

Concen: 49.134 ng

RT: 7.86 min Scan# 777

Delta R.T. -0.02 min

Lab File: BM015849.D

Acq: 09 Jul 2018 18:50

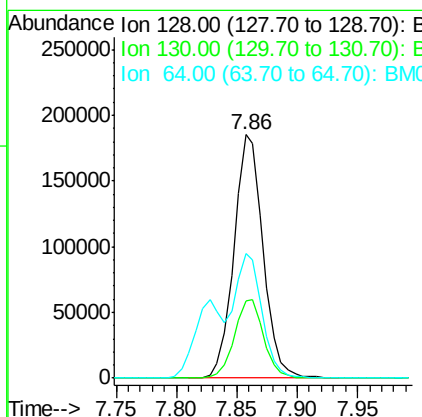
Tgt Ion: 128 Resp: 310300

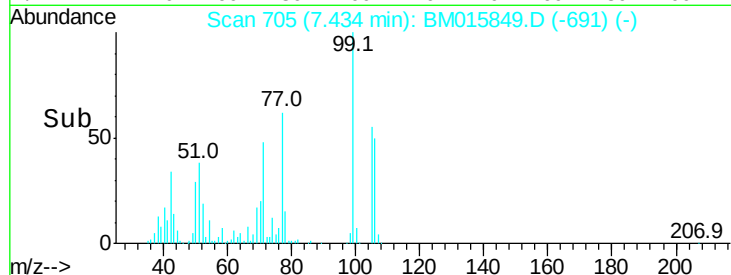
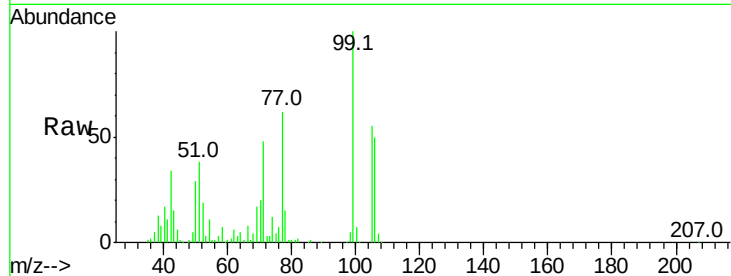
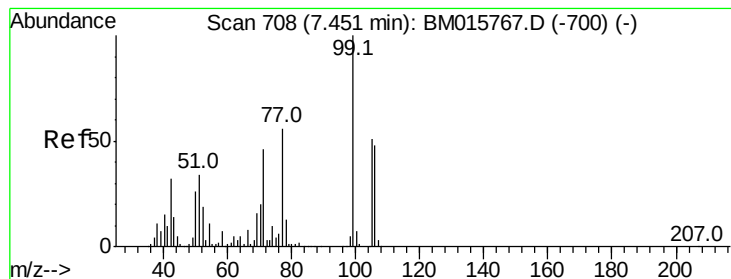
Ion Ratio Lower Upper

128 100

130 31.6 12.0 52.0

64 50.9 24.9 64.9





#9

Benzaldehyde

Concen: 28.465 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.02 min

Lab File: BM015849.D

Acq: 09 Jul 2018 18:50

Tot Ion:	77	Resp:	129240
Ion Ratio	Lower	Upper	
77	100		
105	88.8	78.8	118.8
106	81.4	73.7	113.7

Instrument :

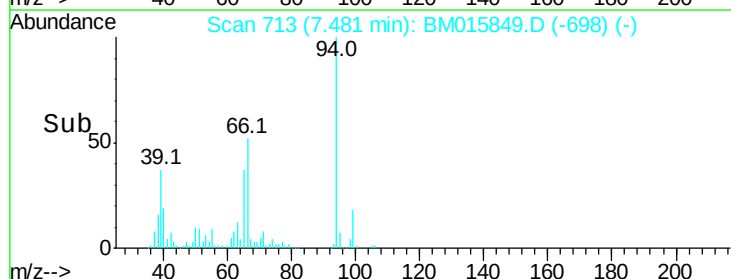
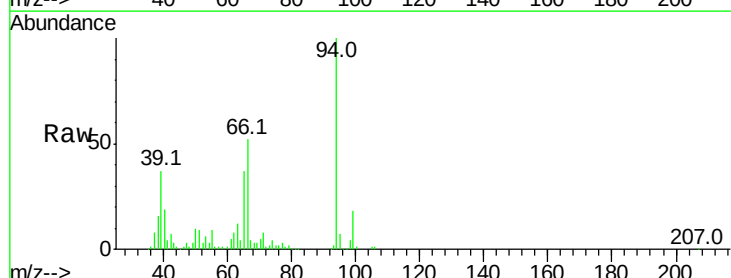
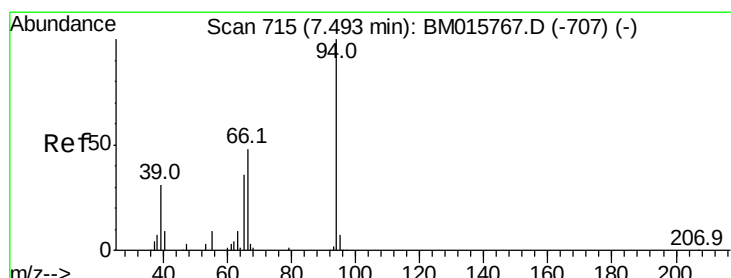
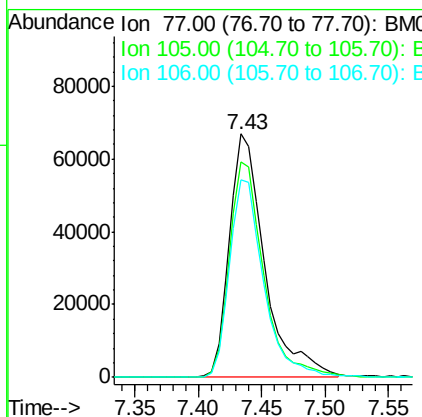
BNA_M

ClientSampleId :

AOC7-BTM-6-6.5MS

Manual Integrations
APPROVED

Sohil
7/10/2018 2:50:05 PM



#10

Phenol

Concen: 53.314 ng

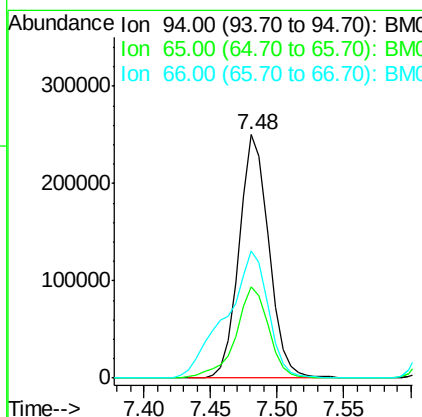
RT: 7.48 min Scan# 713

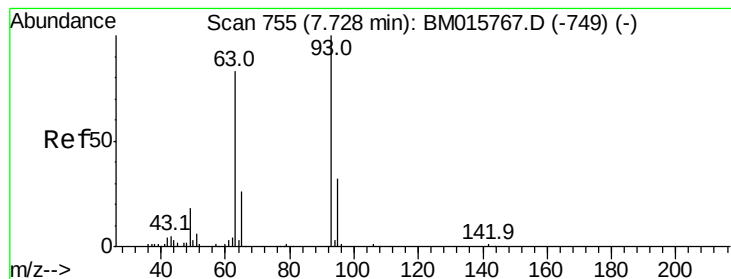
Delta R.T. -0.01 min

Lab File: BM015849.D

Acq: 09 Jul 2018 18:50

Tgt Ion:	94	Resp:	385904
Ion Ratio	Lower	Upper	
94	100		
65	37.4	18.8	58.8
66	52.5	39.9	79.9





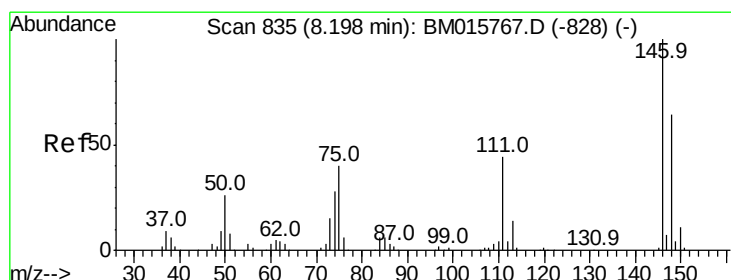
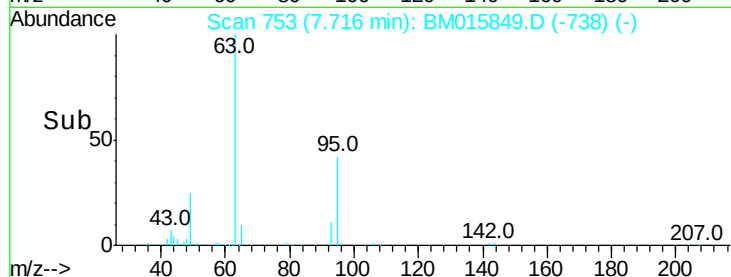
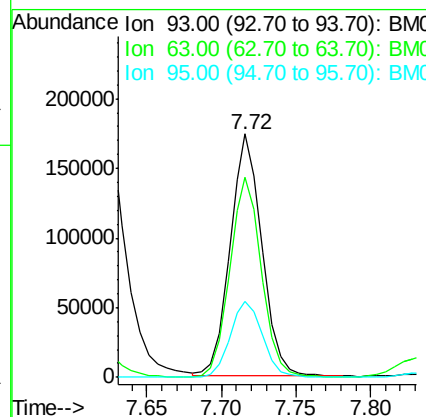
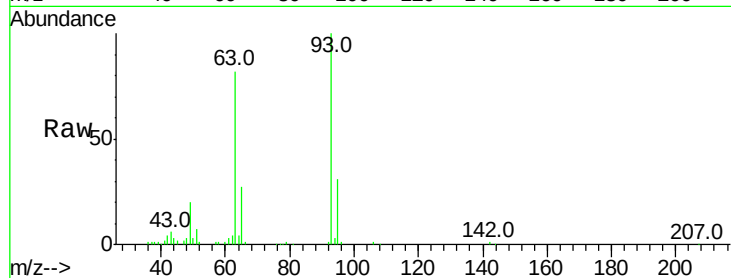
#11
bis(2-Chloroethyl)ether
Concen: 43.684 ng
RT: 7.72 min Scan# 753
Delta R.T. -0.01 min
Lab File: BM015849.D
Acq: 09 Jul 2018 18:50

Instrument :
BNA_M
ClientSampleId :
AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.9	49.5	89.5
95	31.4	13.5	53.5

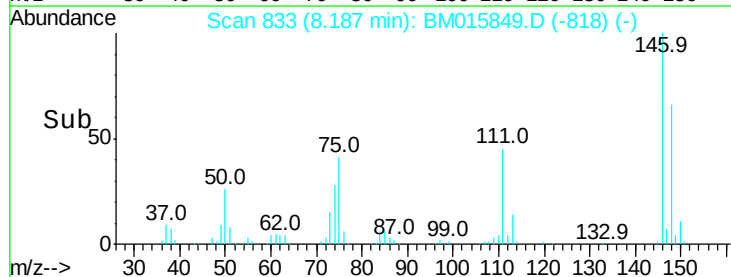
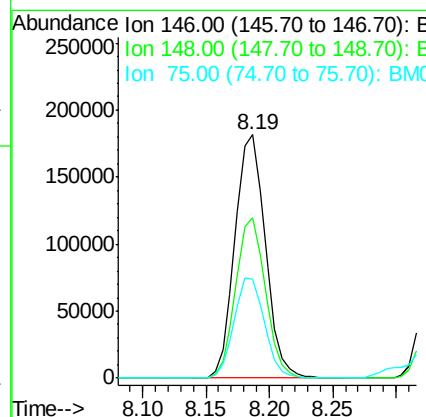
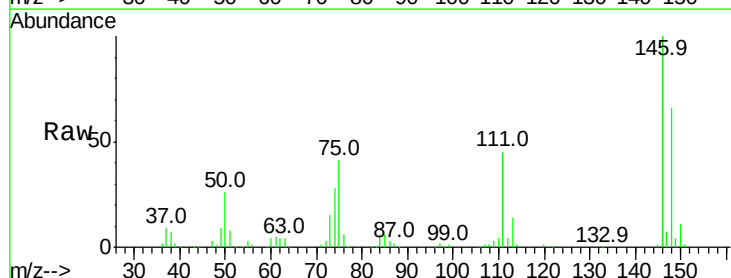
Manual Integrations
APPROVED

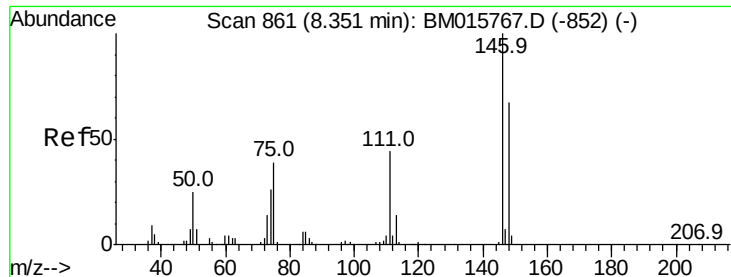
Sohil
7/10/2018 2:50:05 PM



#12
1,3-Dichlorobenzene
Concen: 43.112 ng
RT: 8.19 min Scan# 833
Delta R.T. -0.01 min
Lab File: BM015849.D
Acq: 09 Jul 2018 18:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	50.9	76.3
75	40.5	21.4	32.2





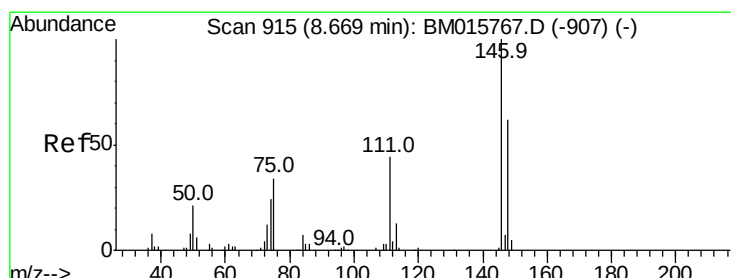
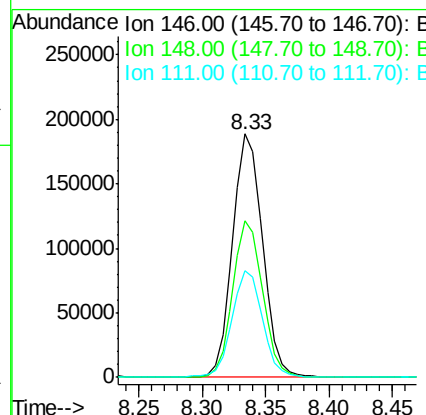
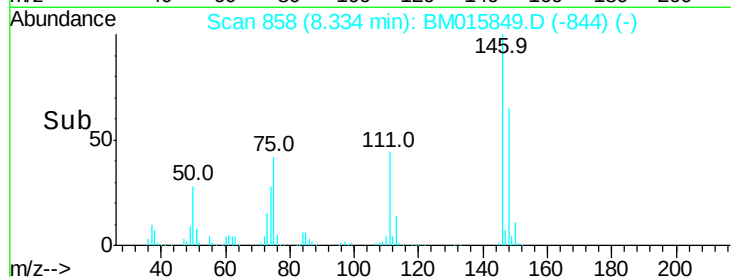
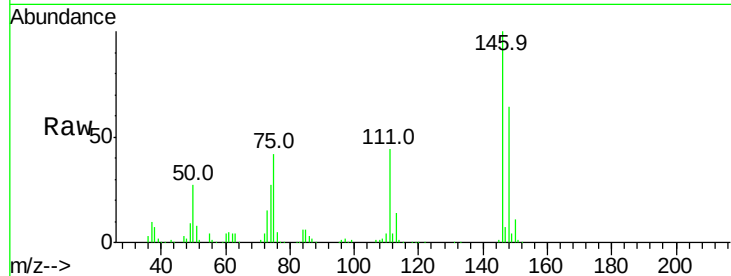
#13
 1,4-Dichlorobenzene
 Concen: 42.687 ng
 RT: 8.33 min Scan# 858
 Delta R.T. -0.02 min
 Lab File: BM015849.D
 Acq: 09 Jul 2018 18:50

Instrument :
 BNA_M
 ClientSampleId :
 AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.9	77.9
111	44.1	29.2	43.8#

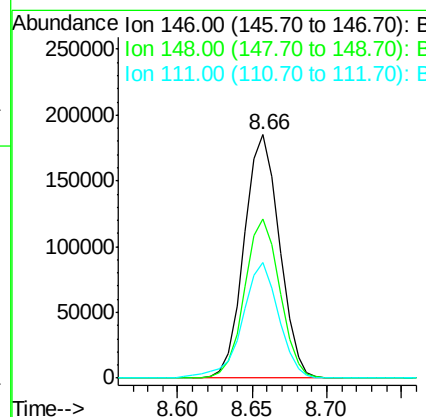
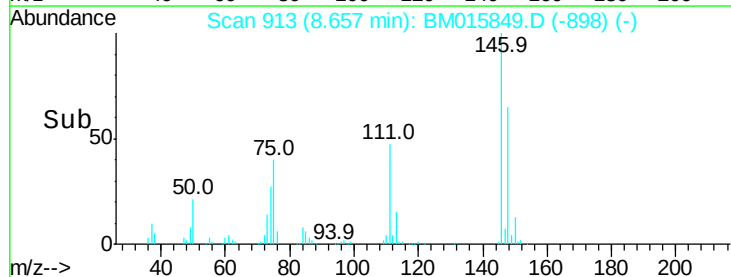
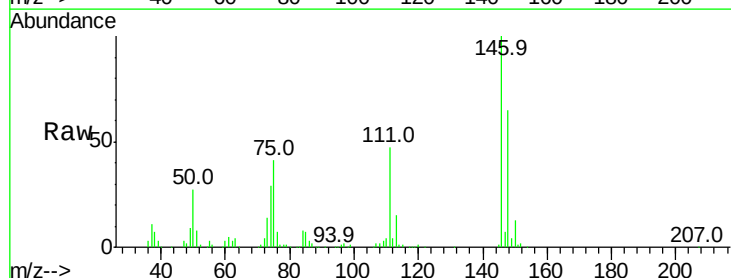
Manual Integrations
 APPROVED

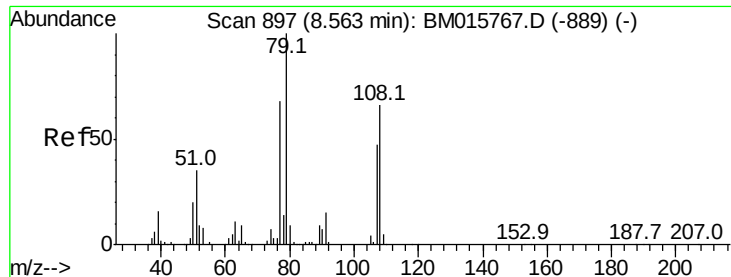
Sohil
 7/10/2018 2:50:05 PM



#14
 1,2-Dichlorobenzene
 Concen: 43.193 ng
 RT: 8.66 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BM015849.D
 Acq: 09 Jul 2018 18:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.3	78.5
111	47.4	30.6	45.8#





#15

Benzyl Alcohol

Concen: 46.153 ng

RT: 8.55 min Scan# 895

Delta R.T. -0.01 min

Lab File: BM015849.D

Acq: 09 Jul 2018 18:50

Instrument :

BNA_M

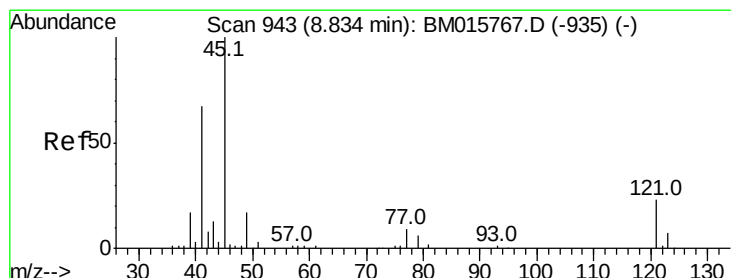
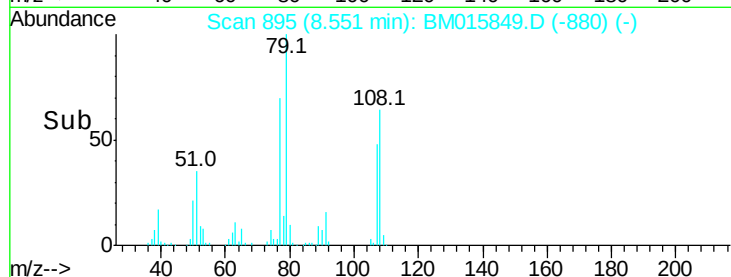
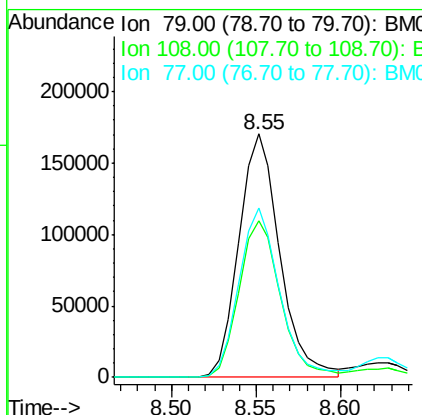
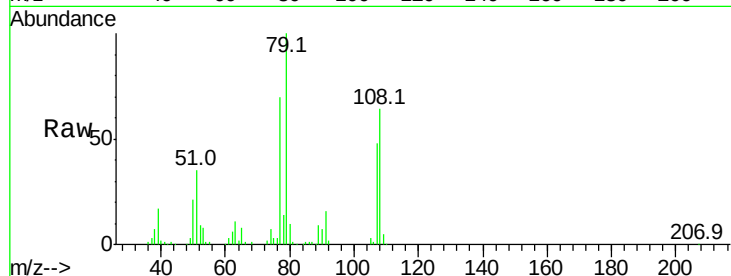
ClientSampleId :

AOC7-BTM-6-6.5MS

Tot Ion:	79	Resp:	288641
Ion Ratio	Lower	Upper	
79	100		
108	64.1	65.0	97.4#
77	69.6	53.0	79.6

Manual Integrations
APPROVED

Sohil
7/10/2018 2:50:05 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 64.739 ng

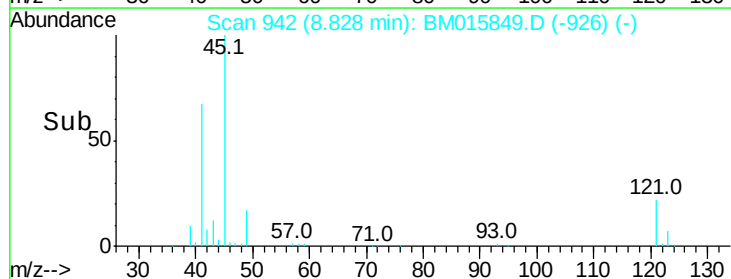
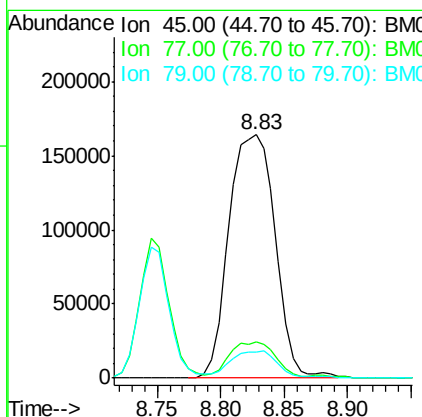
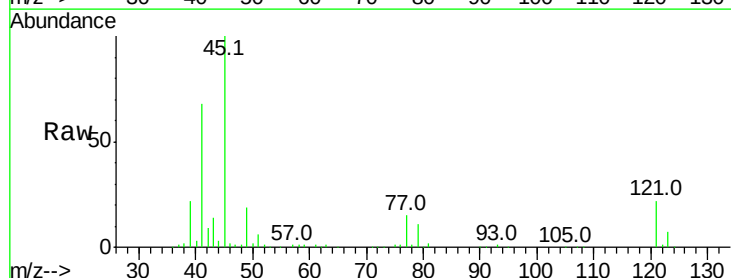
RT: 8.83 min Scan# 942

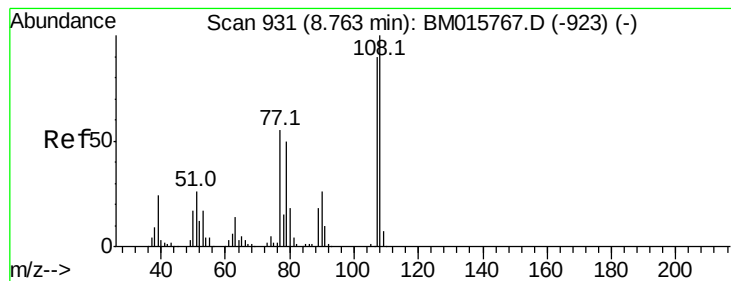
Delta R.T. -0.01 min

Lab File: BM015849.D

Acq: 09 Jul 2018 18:50

Tgt Ion:	45	Resp:	416315
Ion Ratio	Lower	Upper	
45	100		
77	14.7	0.0	35.2
79	10.9	0.0	32.0





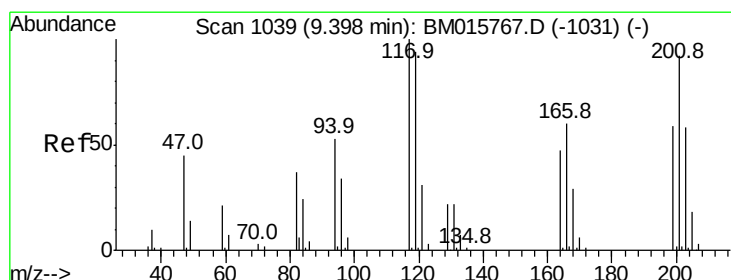
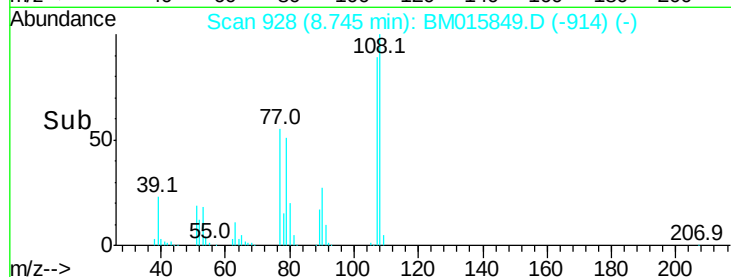
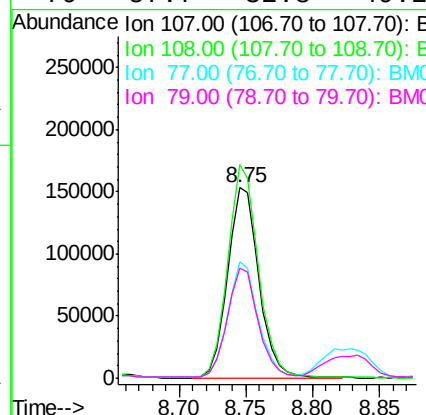
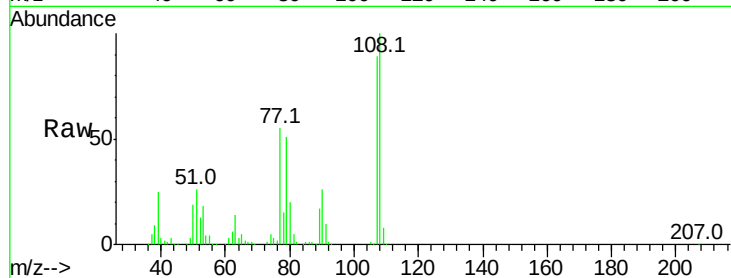
#17
2-Methylphenol
Concen: 50.754 ng
RT: 8.75 min Scan# 928
Delta R.T. -0.02 min
Lab File: BM015849.D
Acq: 09 Jul 2018 18:50

Instrument :
BNA_M
ClientSampleId :
AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.2	89.8	134.8	
77	61.4	32.6	48.8#	
79	57.7	32.8	49.2#	

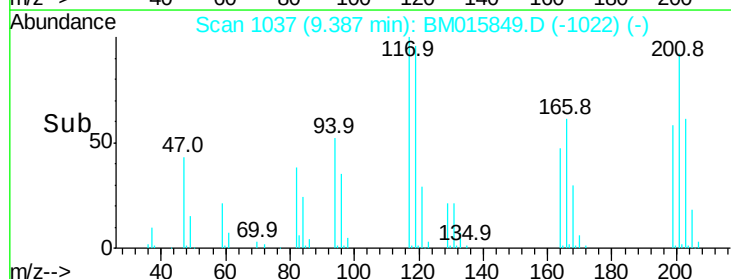
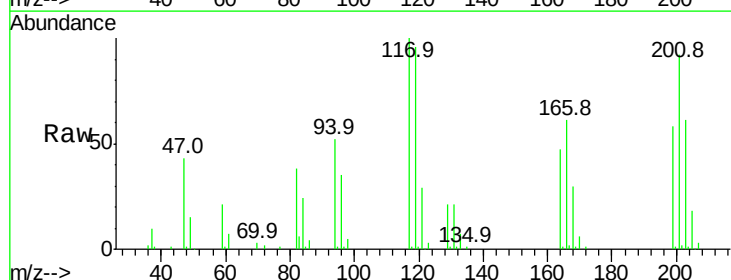
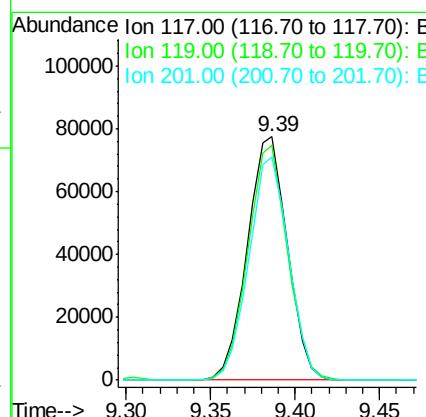
Manual Integrations
APPROVED

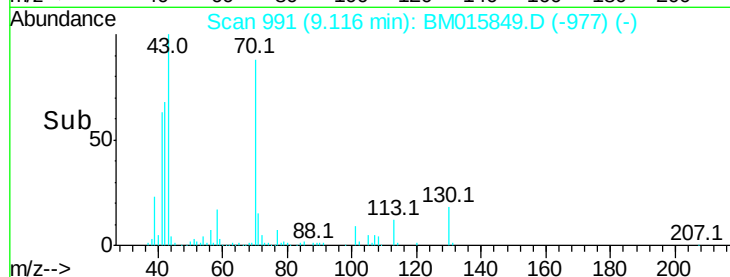
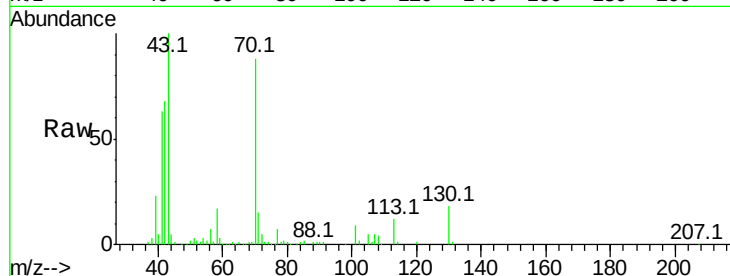
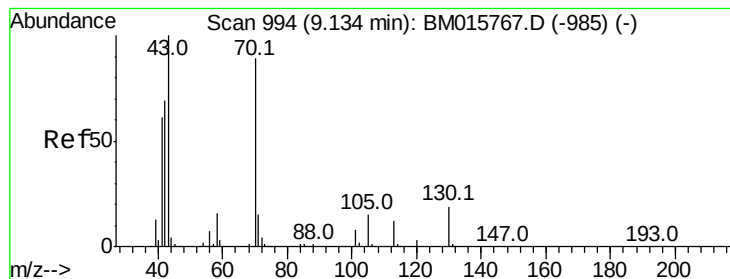
Sohil
7/10/2018 2:50:05 PM



#18
Hexachloroethane
Concen: 44.717 ng
RT: 9.39 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BM015849.D
Acq: 09 Jul 2018 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	79.2	118.8	
201	91.8	69.8	104.6	





#19

n-Nitroso-di-n-propylamine

Concen: 42.581 ng

RT: 9.12 min Scan# 991

Delta R.T. -0.02 min

Lab File: BM015849.D

Acq: 09 Jul 2018 18:50

Instrument :

BNA_M

ClientSampleId :

AOC7-BTM-6-6.5MS

Tot Ion: 70 Resp: 246521

Ion Ratio Lower Upper

70 100

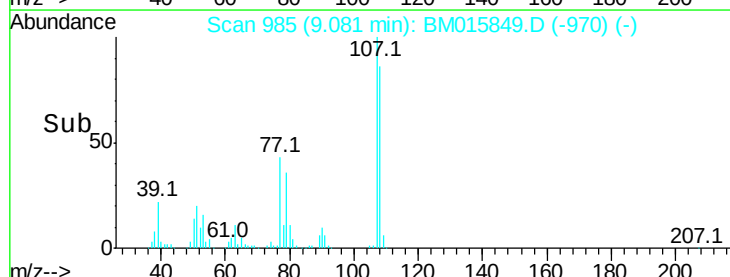
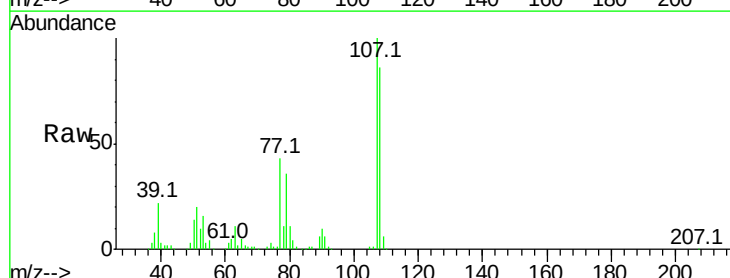
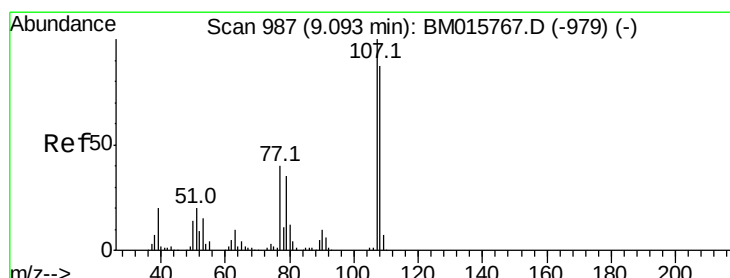
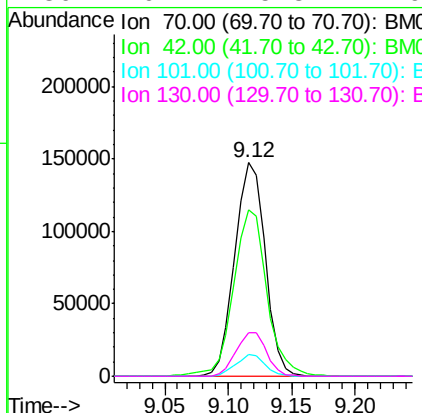
42 77.7 44.5 66.7#

101 10.0 7.4 11.2

130 20.1 15.3 22.9

Manual Integrations
APPROVED

Sohil
7/10/2018 2:50:05 PM



#20

3+4-Methylphenols

Concen: 49.396 ng

RT: 9.08 min Scan# 985

Delta R.T. -0.01 min

Lab File: BM015849.D

Acq: 09 Jul 2018 18:50

Tgt Ion: 107 Resp: 344079

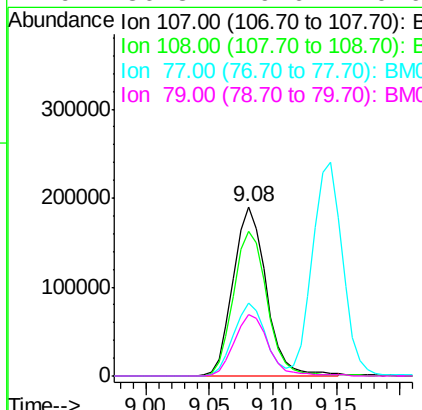
Ion Ratio Lower Upper

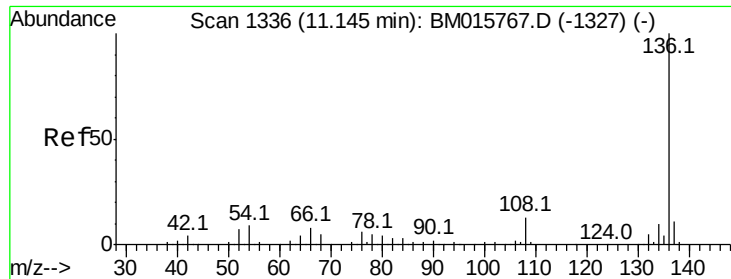
107 100

108 85.7 73.2 113.2

77 43.2 10.7 50.7

79 36.3 9.6 49.6





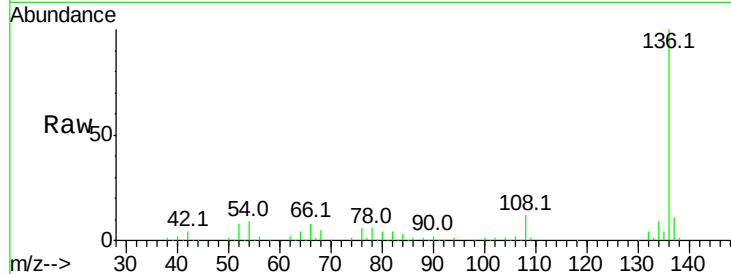
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.13 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BM015849.D
Acq: 09 Jul 2018 18:50

Instrument :
BNA_M
ClientSampleId :
AOC7-BTM-6-6.5MS

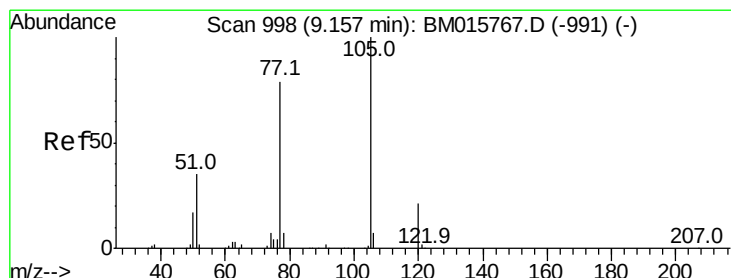
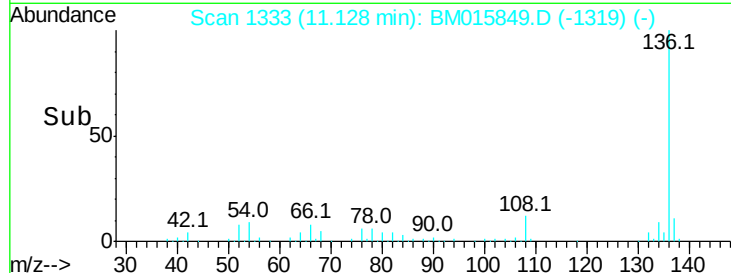
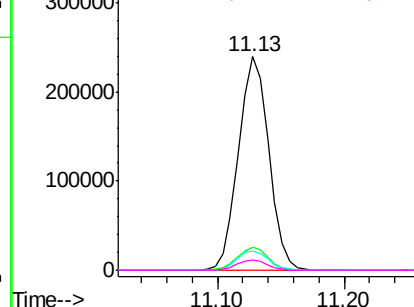
Tot Ion	Ratio	Resp	Lower	Upper
136	100	396665		
137	10.9	8.7	13.1	
54	9.0	4.6	6.8#	
68	4.9	3.7	5.5	

Manual Integrations
APPROVED

Sohil
7/10/2018 2:50:05 PM



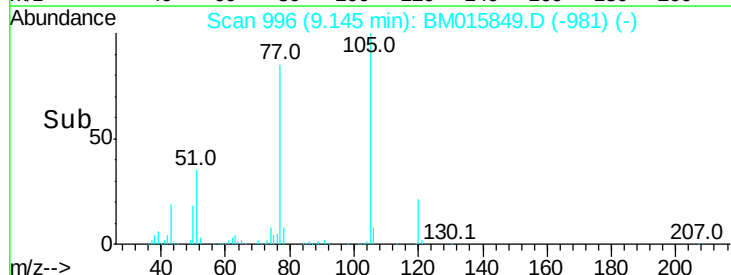
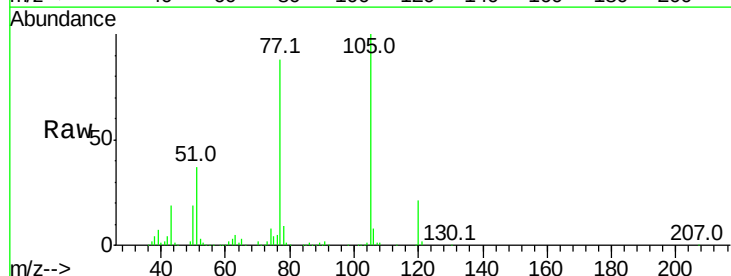
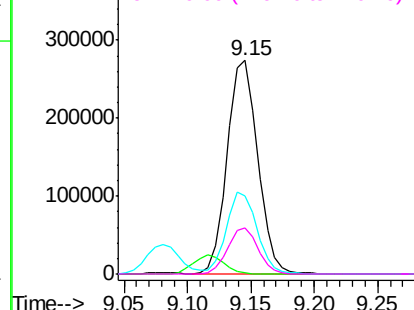
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

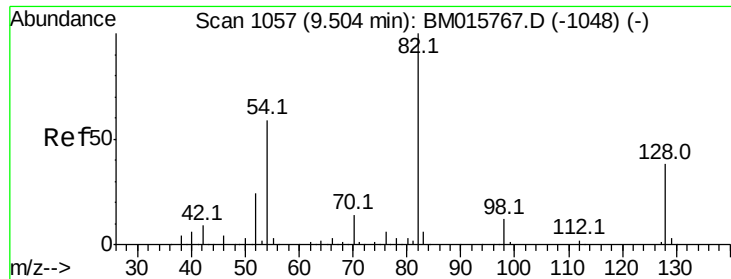


#22
Acetophenone
Concen: 44.083 ng
RT: 9.15 min Scan# 996
Delta R.T. -0.01 min
Lab File: BM015849.D
Acq: 09 Jul 2018 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	455518		
71	0.4	0.6	1.0#	
51	36.9	21.6	32.4#	
120	21.5	16.1	24.1	

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





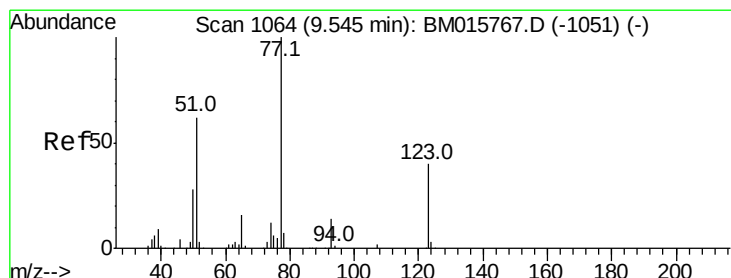
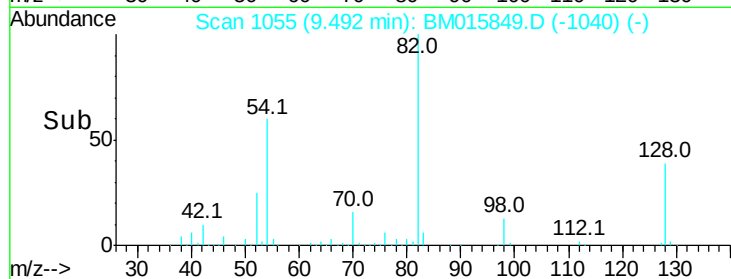
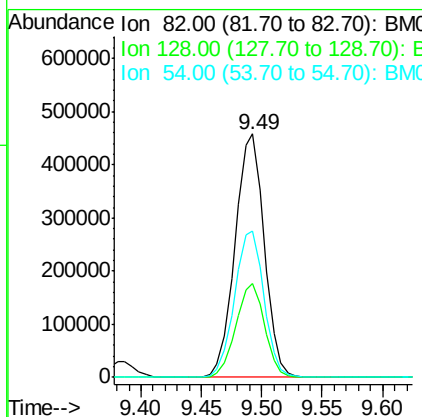
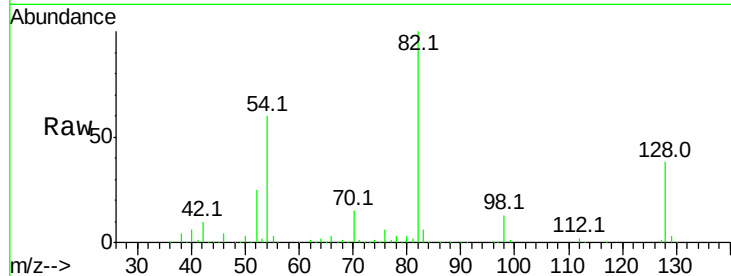
#23
 Nitrobenzene-d5
 Concen: 44.083 ng
 RT: 9.49 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BM015849.D
 Acq: 09 Jul 2018 18:50

Instrument :
 BNA_M
 ClientSampleId :
 AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.4	32.8	49.2
54	59.9	40.6	60.8

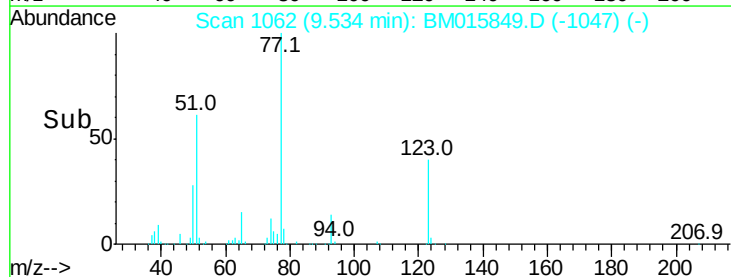
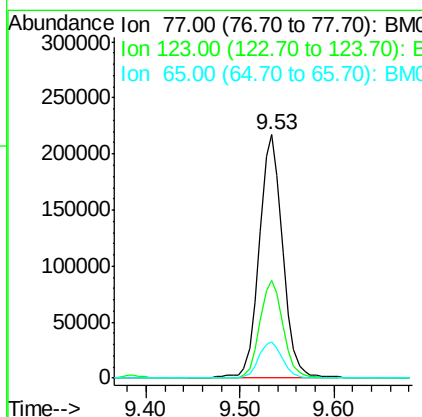
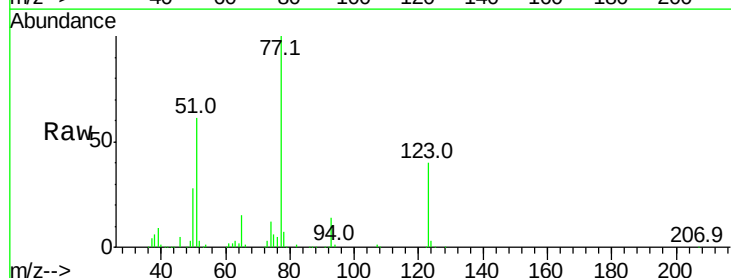
Manual Integrations
 APPROVED

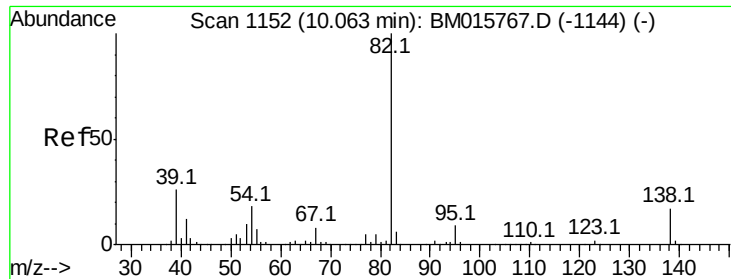
Sohil
 7/10/2018 2:50:05 PM



#24
 Nitrobenzene
 Concen: 47.339 ng
 RT: 9.53 min Scan# 1062
 Delta R.T. -0.01 min
 Lab File: BM015849.D
 Acq: 09 Jul 2018 18:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.0	32.6	49.0
65	14.8	10.9	16.3





#25

Isophorone

Concen: 52.280 ng

RT: 10.05 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BM015849.D

Acq: 09 Jul 2018 18:50

Instrument :

BNA_M

ClientSampleId :

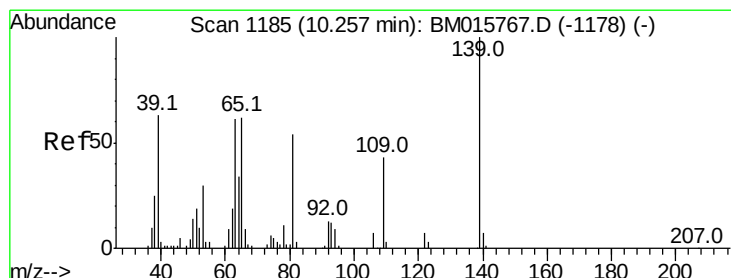
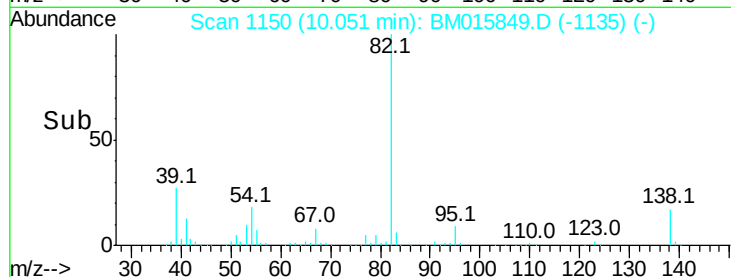
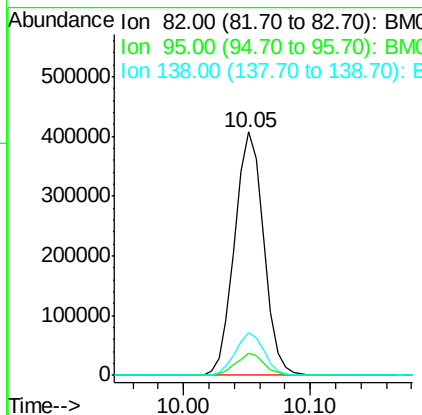
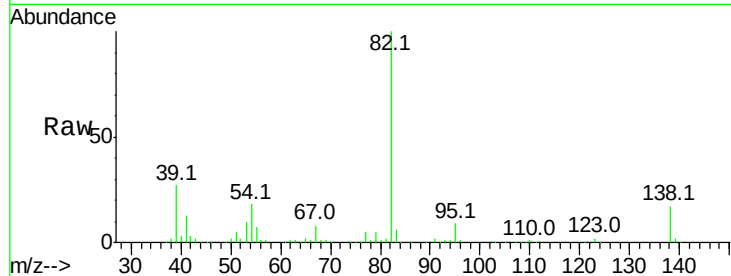
AOC7-BTM-6-6.5MS

Tot Ion: 82 Resp: 648733

Ion	Ratio	Lower	Upper
82	100		
95	8.9	5.8	8.6#
138	17.3	16.3	24.5

Manual Integrations
APPROVED

Sohil
7/10/2018 2:50:05 PM



#26

2-Nitrophenol

Concen: 47.131 ng

RT: 10.25 min Scan# 1183

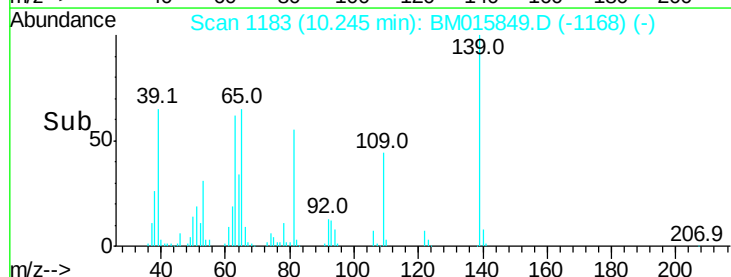
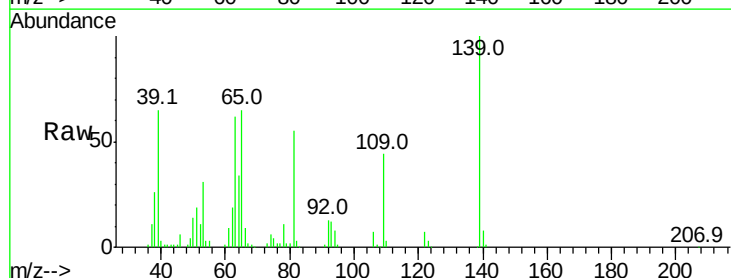
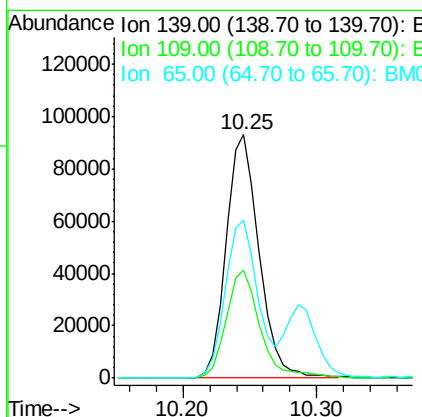
Delta R.T. -0.01 min

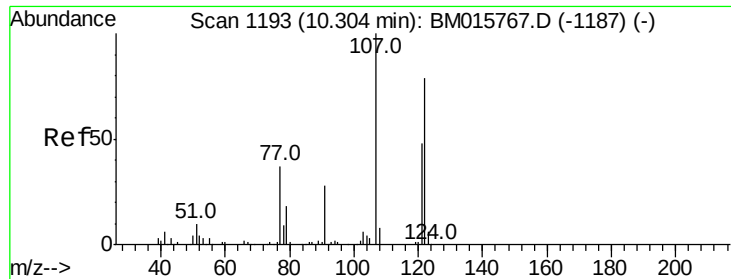
Lab File: BM015849.D

Acq: 09 Jul 2018 18:50

Tgt Ion: 139 Resp: 160608

Ion	Ratio	Lower	Upper
139	100		
109	44.4	20.1	30.1#
65	64.7	31.5	47.3#





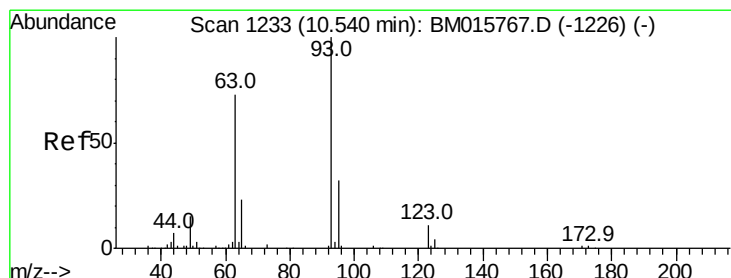
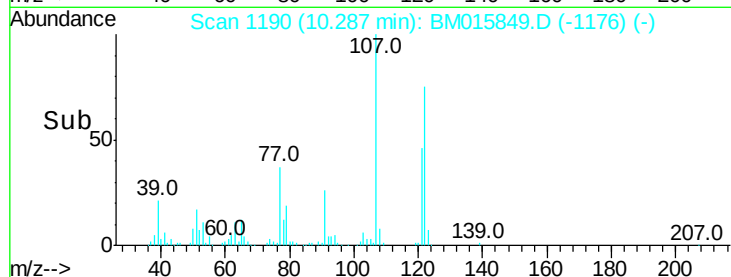
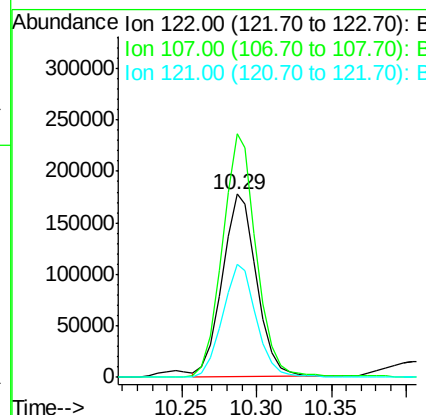
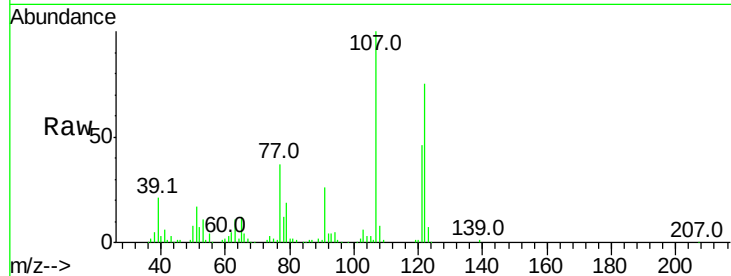
#27
 2,4-Dimethylphenol
 Concen: 55.088 ng
 RT: 10.29 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BM015849.D
 Acq: 09 Jul 2018 18:50

Instrument :
 BNA_M
 ClientSampleId :
 AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	133.0	84.7	127.1#
121	61.6	46.6	69.8

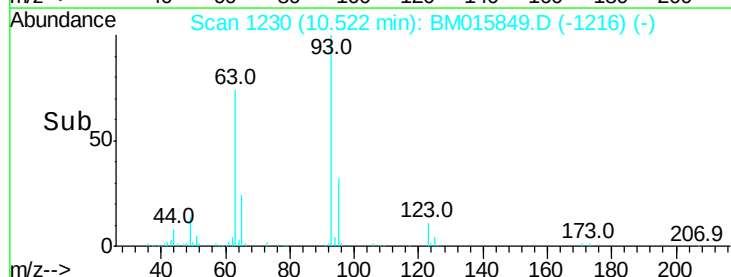
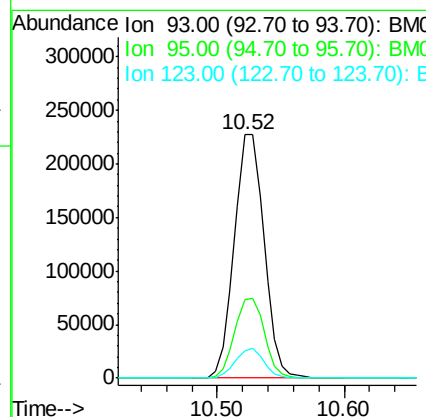
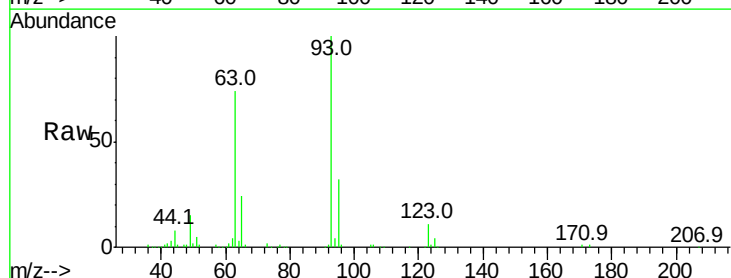
Manual Integrations
 APPROVED

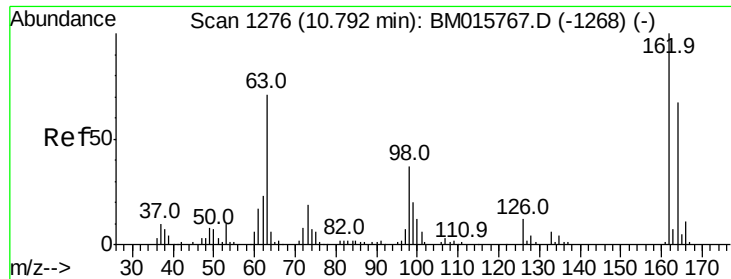
Sohil
 7/10/2018 2:50:05 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.900 ng
 RT: 10.52 min Scan# 1230
 Delta R.T. -0.02 min
 Lab File: BM015849.D
 Acq: 09 Jul 2018 18:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.5	38.3
123	11.4	8.6	13.0





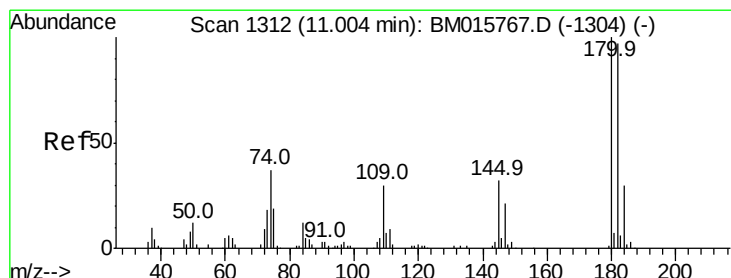
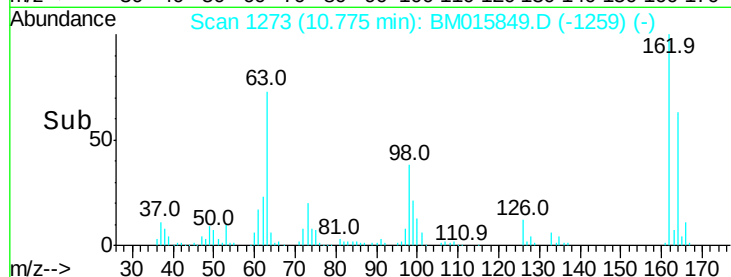
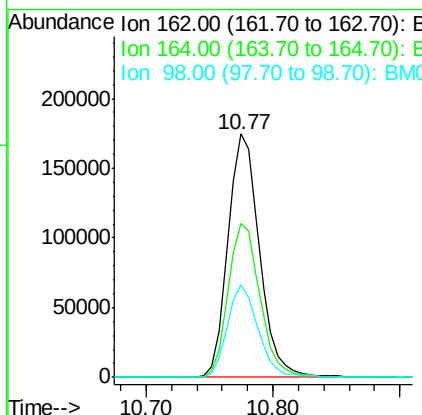
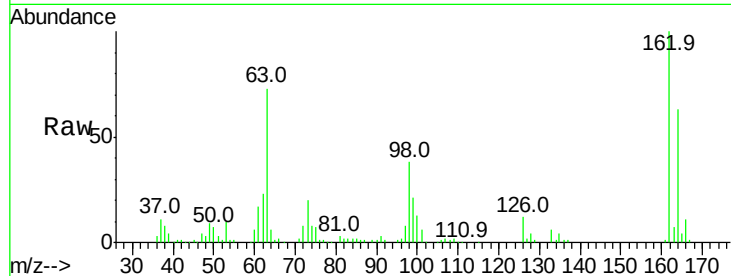
#29
 2,4-Dichlorophenol
 Concen: 52.379 ng
 RT: 10.77 min Scan# 1273
 Delta R.T. -0.02 min
 Lab File: BM015849.D
 Acq: 09 Jul 2018 18:50

Instrument :
 BNA_M
 ClientSampleId :
 AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	300317		
164	63.1	42.8	82.8	
98	38.1	14.5	54.5	

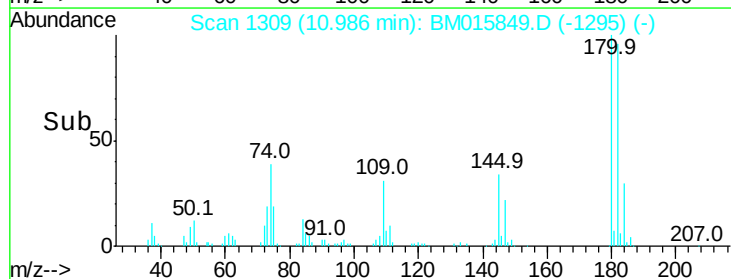
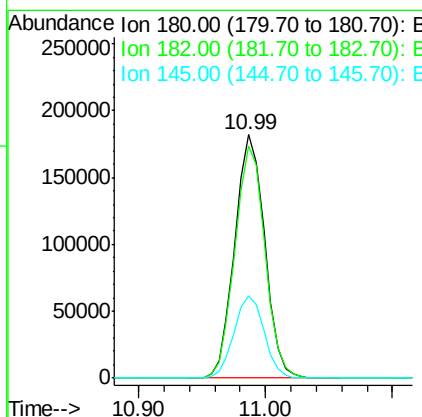
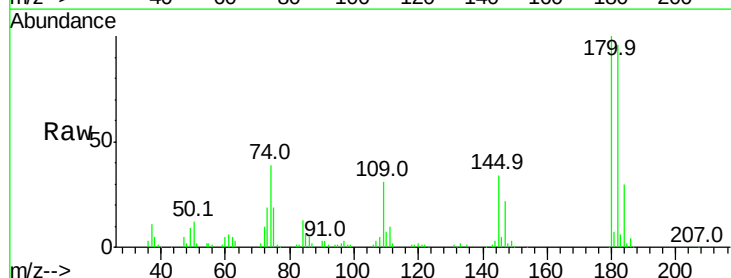
Manual Integrations
 APPROVED

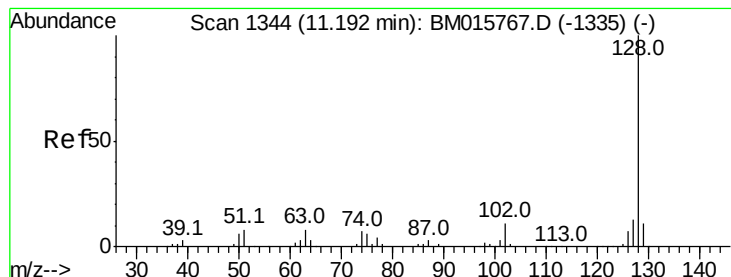
Sohil
 7/10/2018 2:50:05 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 44.682 ng
 RT: 10.99 min Scan# 1309
 Delta R.T. -0.02 min
 Lab File: BM015849.D
 Acq: 09 Jul 2018 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	297558		
182	95.6	77.6	116.4	
145	33.8	23.4	35.2	





#31

Naphthalene

Concen: 45.368 ng

RT: 11.18 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BM015849.D

Acq: 09 Jul 2018 18:50

Instrument :

BNA_M

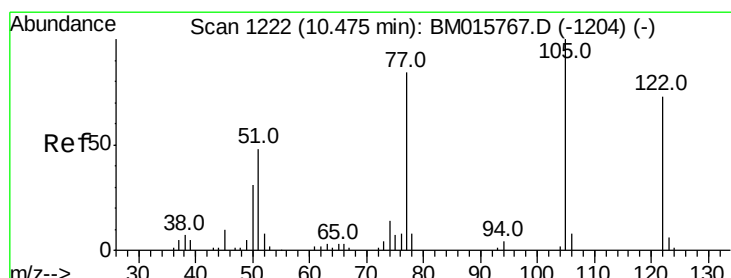
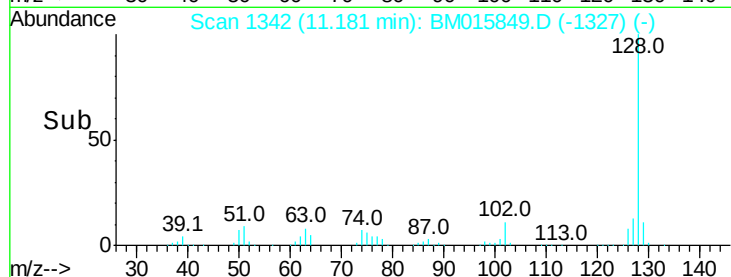
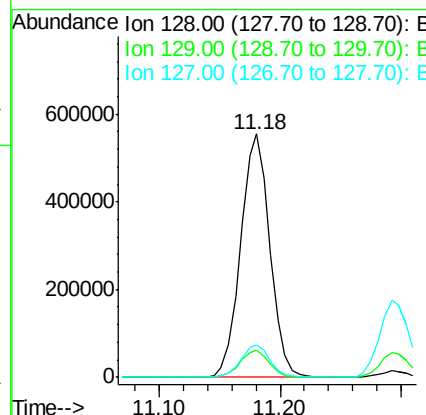
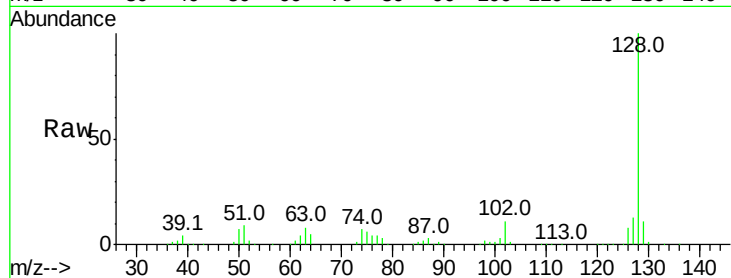
ClientSampleId :

AOC7-BTM-6-6.5MS

Tot Ion:	128	Resp:	933019
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.9	13.3
127	13.3	10.4	15.6

Manual Integrations
APPROVED

Sohil
7/10/2018 2:50:05 PM



#32

Benzoic acid

Concen: 7.863 ng m

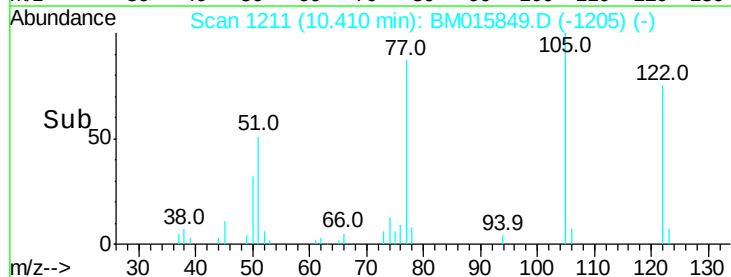
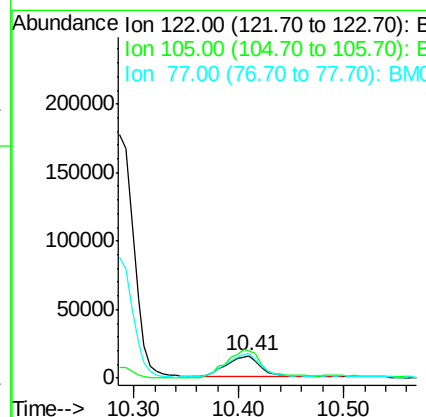
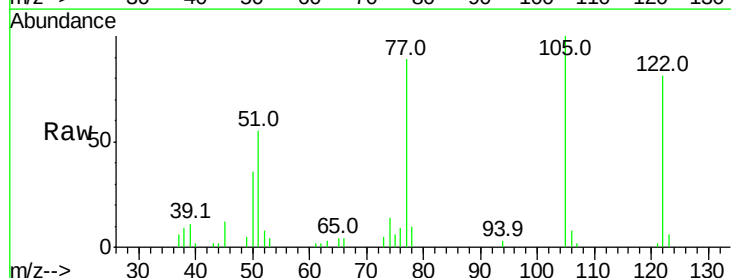
RT: 10.41 min Scan# 1211

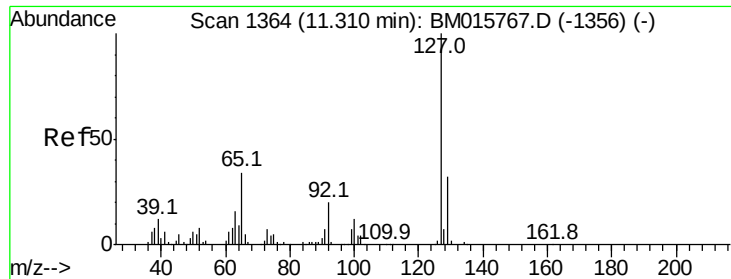
Delta R.T. -0.06 min

Lab File: BM015849.D

Acq: 09 Jul 2018 18:50

Tgt Ion:	122	Resp:	36041
Ion Ratio	Lower	Upper	
122	100		
105	122.9	99.9	139.9
77	109.7	73.7	113.7





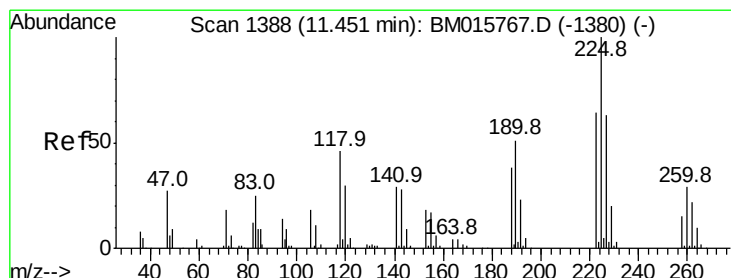
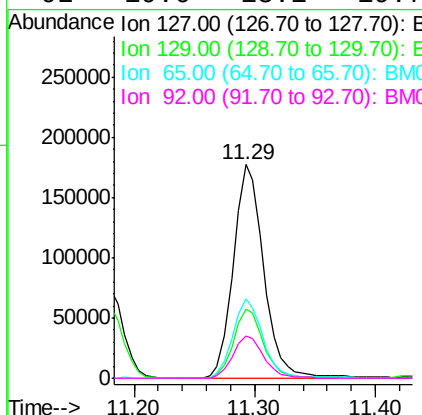
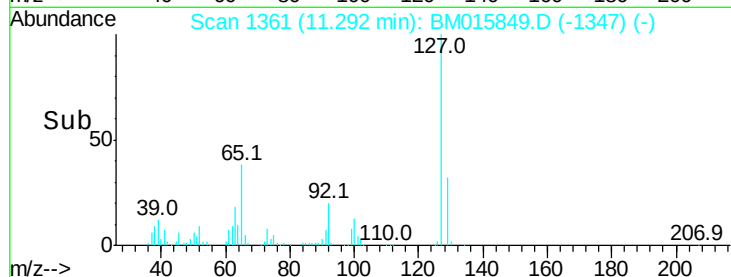
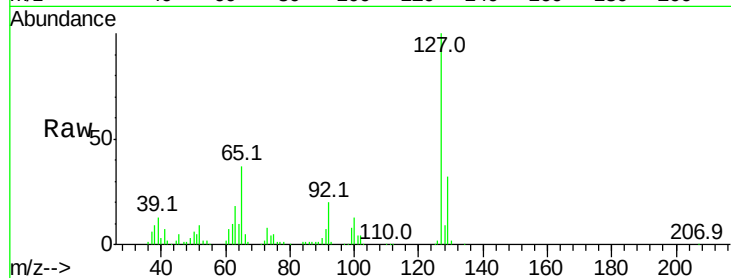
#33
4-Chloroaniline
Concen: 37.157 ng
RT: 11.29 min Scan# 1361
Delta R.T. -0.02 min
Lab File: BM015849.D
Acq: 09 Jul 2018 18:50

Instrument :
BNA_M
ClientSampleId :
AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.3	37.9
65	37.3	17.6	26.4
92	19.6	13.1	19.7

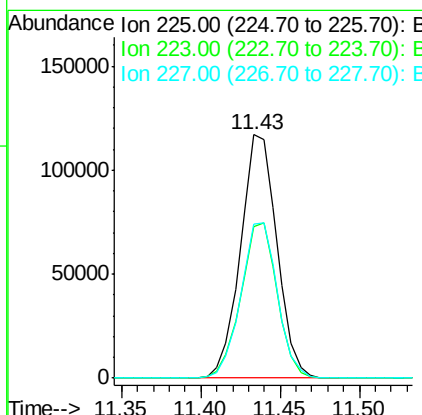
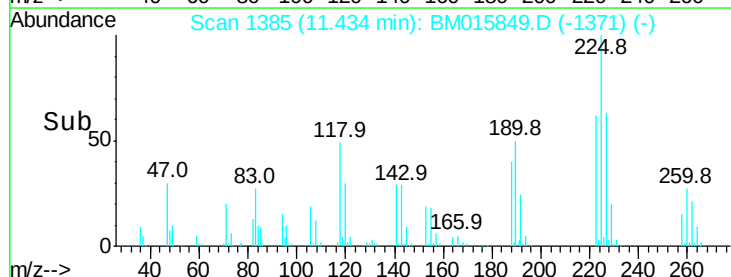
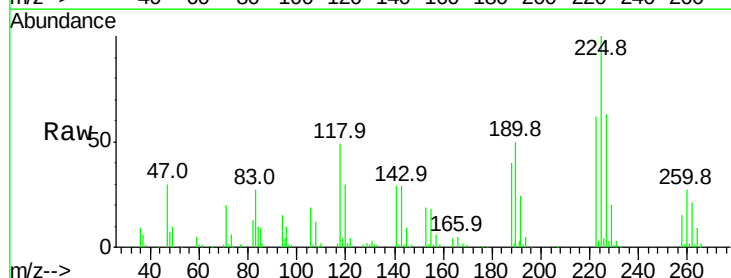
Manual Integrations
APPROVED

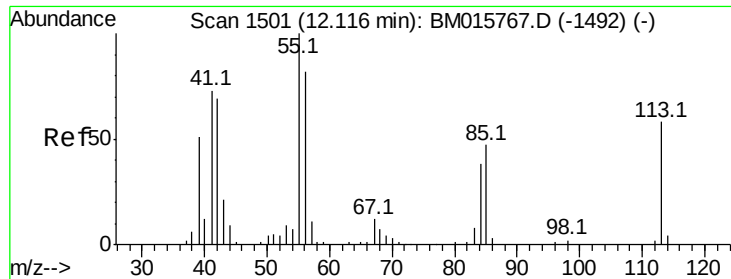
Sohil
7/10/2018 2:50:05 PM



#34
Hexachlorobutadiene
Concen: 41.972 ng
RT: 11.43 min Scan# 1385
Delta R.T. -0.02 min
Lab File: BM015849.D
Acq: 09 Jul 2018 18:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	47.9	71.9
227	63.2	50.1	75.1





#35

Caprolactam

Concen: 46.376 ng/mL

RT: 12.10 min Scan# 1498

Delta R.T. -0.02 min

Lab File: BM015849.D

Acq: 09 Jul 2018 18:50

Instrument :

BNA_M

ClientSampleId :

AOC7-BTM-6-6.5MS

Tot Ion:113 Resp: 88182

Ion Ratio Lower Upper

113 100

55 178.8 145.9 185.9

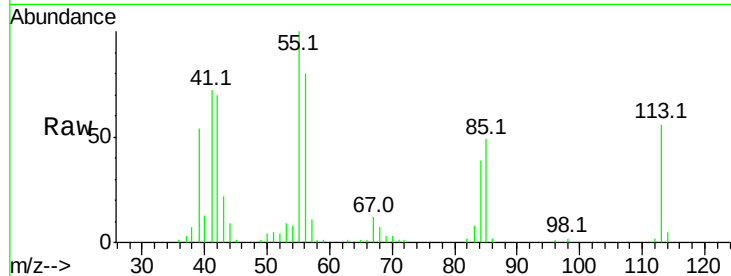
56 142.9 101.0 141.0#

Manual Integrations

APPROVED

Sohil

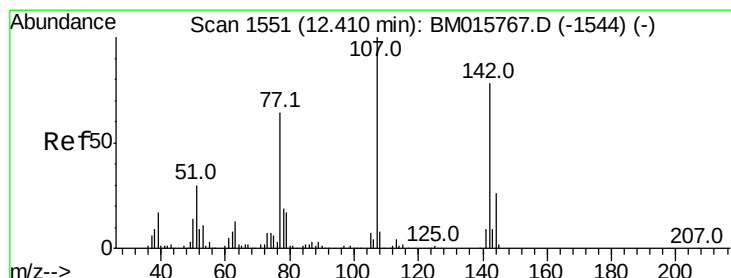
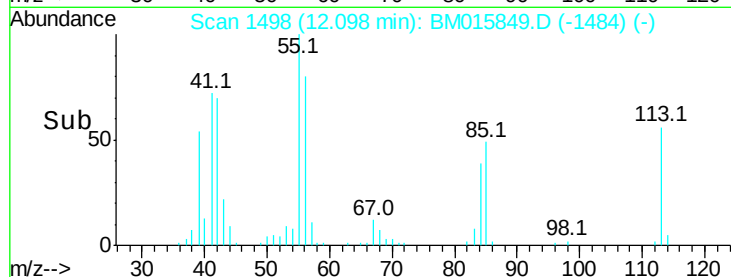
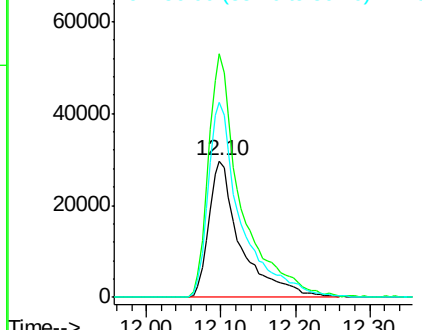
7/10/2018 2:50:05 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 50.262 ng/mL

RT: 12.40 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BM015849.D

Acq: 09 Jul 2018 18:50

Tgt Ion:107 Resp: 330665

Ion Ratio Lower Upper

107 100

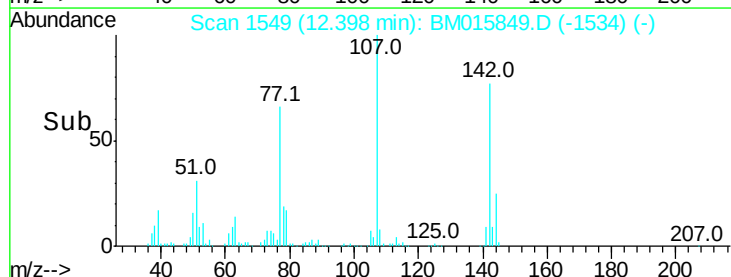
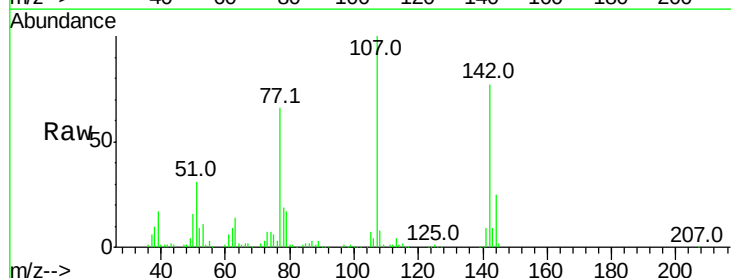
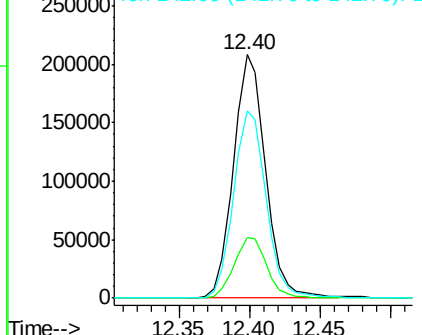
144 25.0 23.3 34.9

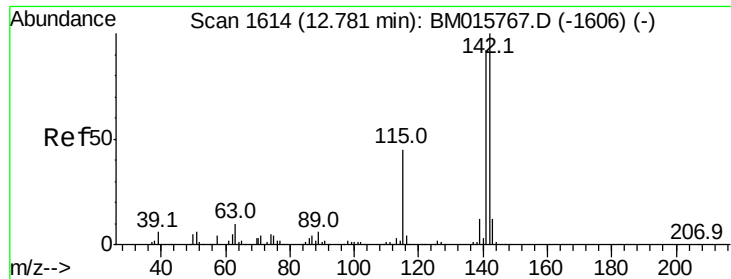
142 77.0 72.6 109.0

Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





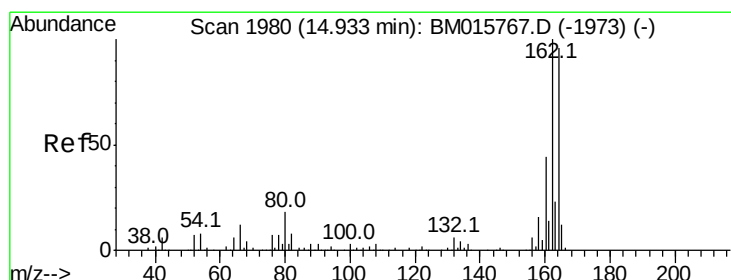
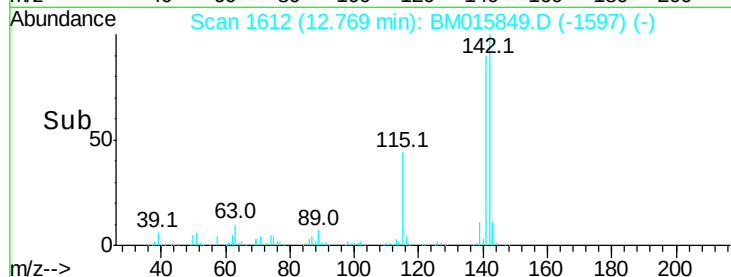
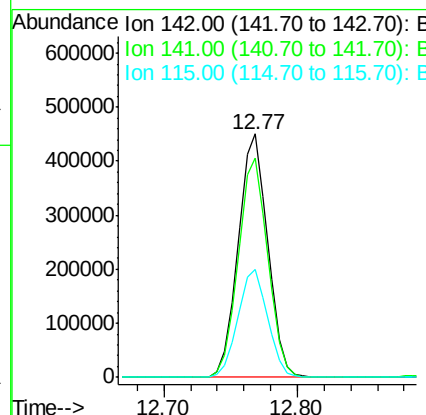
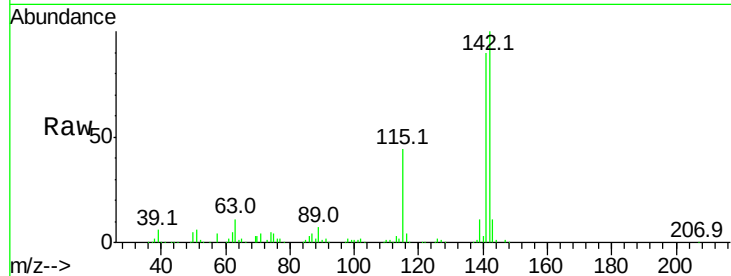
#37
2-Methylnaphthalene
Concen: 47.259 ng
RT: 12.77 min Scan# 1612
Delta R.T. -0.01 min
Lab File: BM015849.D
Acq: 09 Jul 2018 18:50

Instrument :
BNA_M
ClientSampleId :
AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.9	107.9
115	44.1	25.4	38.0

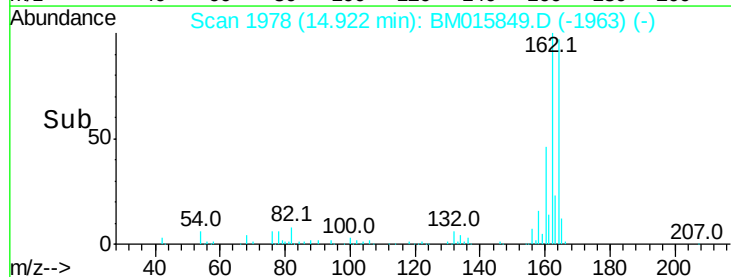
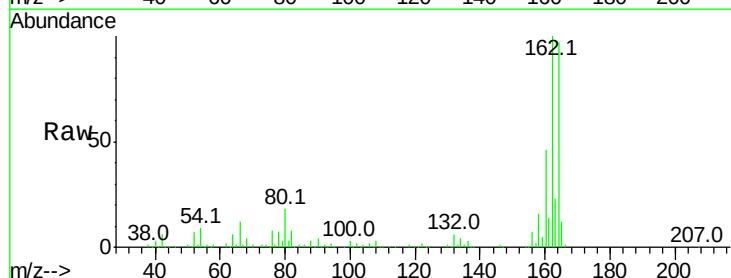
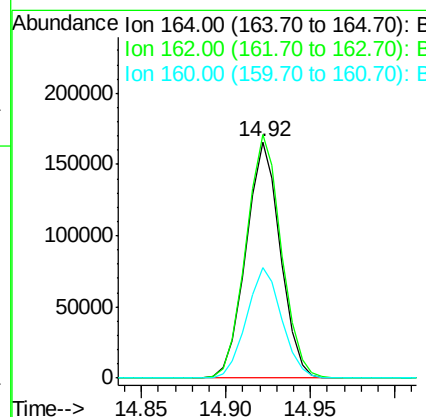
Manual Integrations
APPROVED

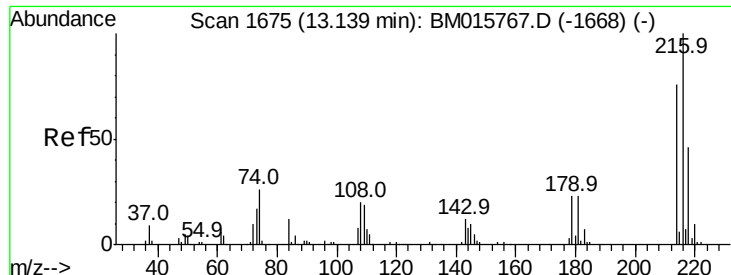
Sohil
7/10/2018 2:50:05 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.92 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BM015849.D
Acq: 09 Jul 2018 18:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.4	123.6
160	47.0	35.8	53.6





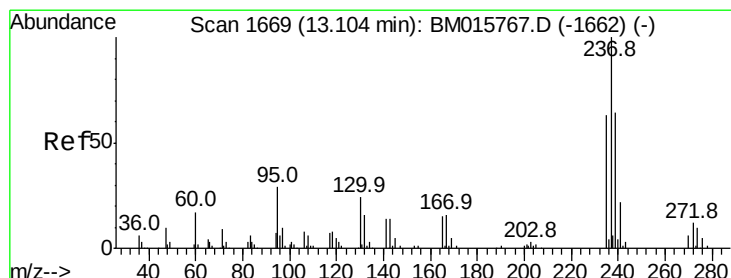
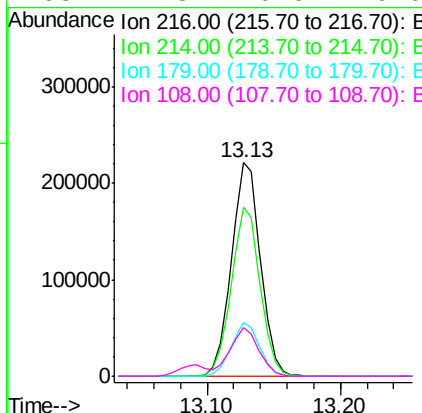
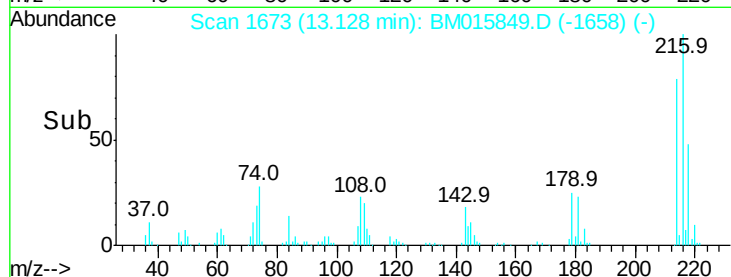
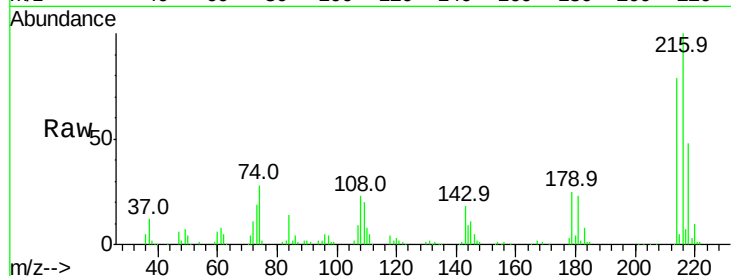
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.580 ng
 RT: 13.13 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BM015849.D
 Acq: 09 Jul 2018 18:50

Instrument :
 BNA_M
 ClientSampleId :
 AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.3	0.0	0.0#
179	24.7	0.0	0.0#
108	22.3	0.0	0.0#

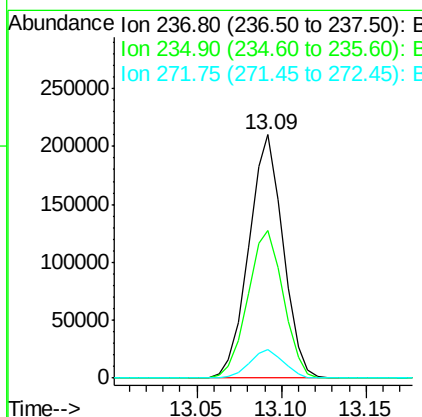
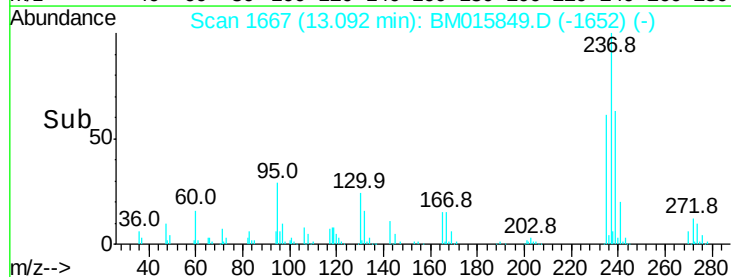
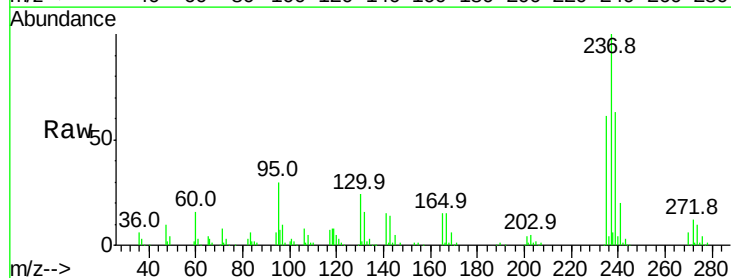
Manual Integrations
 APPROVED

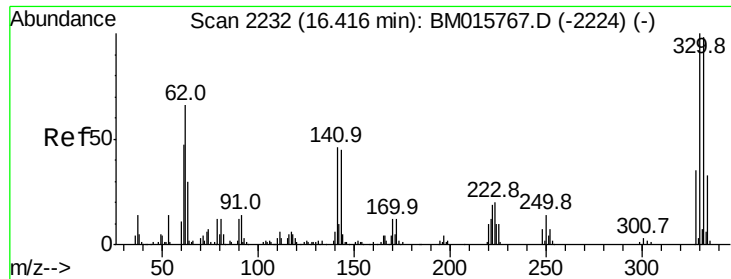
Sohil
 7/10/2018 2:50:05 PM



#40
 Hexachlorocyclopentadiene
 Concen: 83.870 ng
 RT: 13.09 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: BM015849.D
 Acq: 09 Jul 2018 18:50

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	60.6	42.0	82.0
272	11.9	0.0	33.4





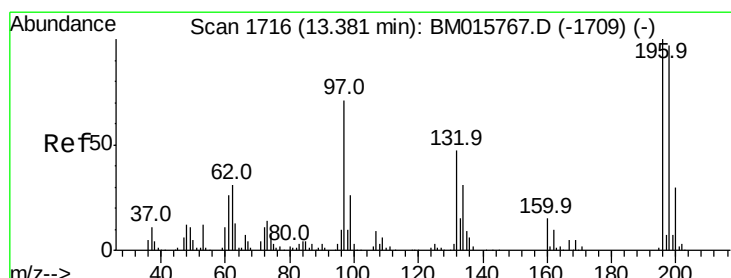
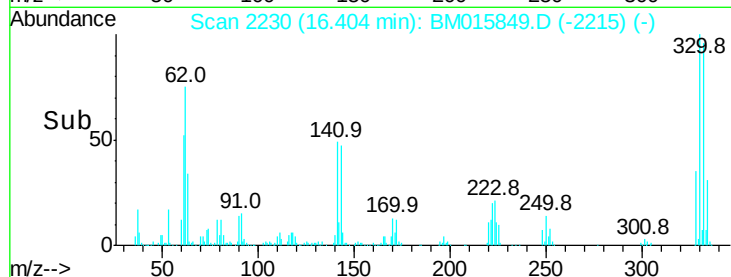
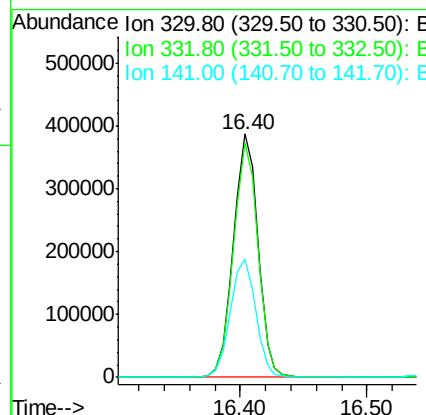
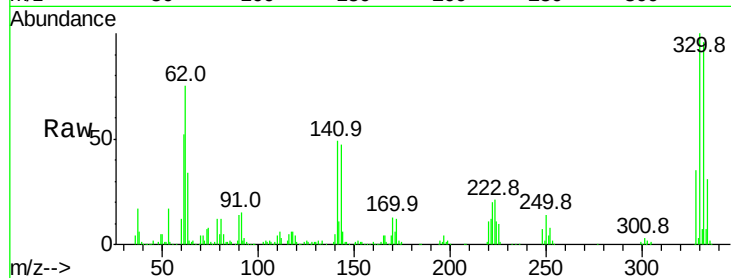
#41
 2,4,6-Tribromophenol
 Concen: 83.870 ng
 RT: 16.40 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BM015849.D
 Acq: 09 Jul 2018 18:50

Instrument :
 BNA_M
 ClientSampleId :
 AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	50.7	0.0	0.0#

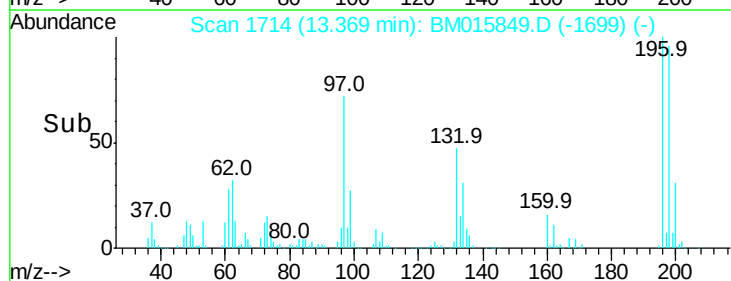
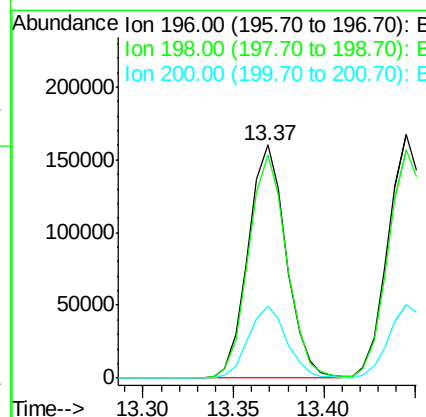
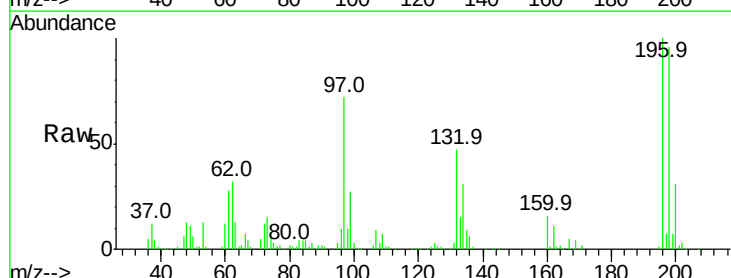
Manual Integrations
 APPROVED

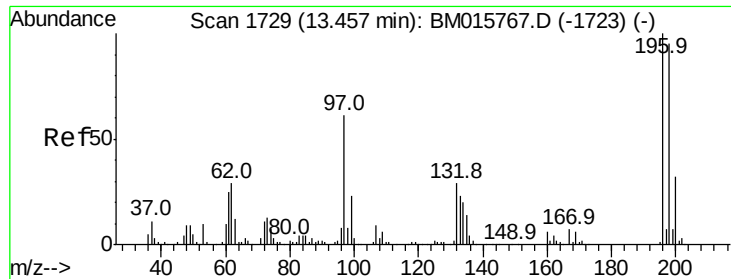
Sohil
 7/10/2018 2:50:05 PM



#42
 2,4,6-Trichlorophenol
 Concen: 49.304 ng
 RT: 13.37 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BM015849.D
 Acq: 09 Jul 2018 18:50

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	95.6	76.3	114.5
200	31.0	25.6	38.4





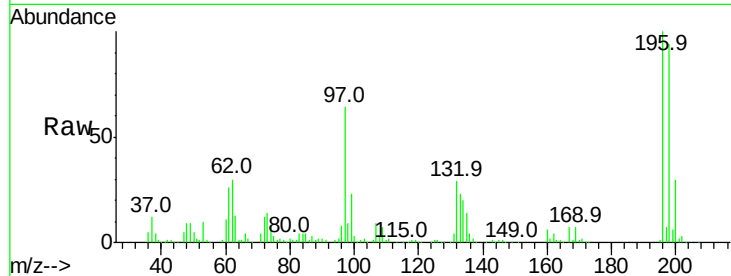
#43
 2,4,5-Trichlorophenol
 Concen: 49.105 ng
 RT: 13.45 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BM015849.D
 Acq: 09 Jul 2018 18:50

Instrument :
 BNA_M
 ClientSampleId :
 AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	252495		
198	93.8	79.4	119.0	
97	64.5	26.8	40.2#	
132	29.2	18.6	28.0#	

Manual Integrations
 APPROVED

Sohil
 7/10/2018 2:50:05 PM



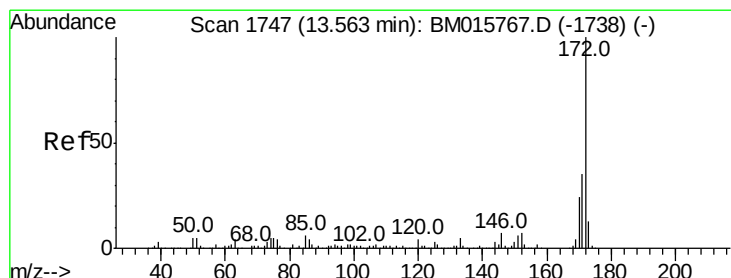
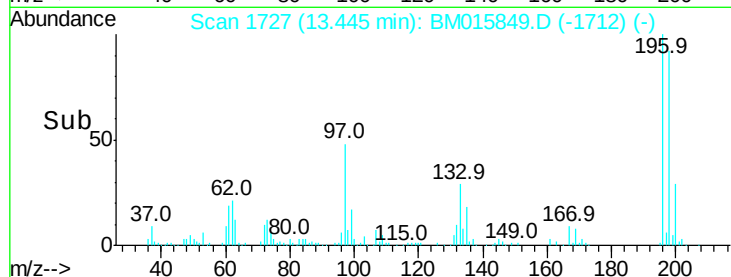
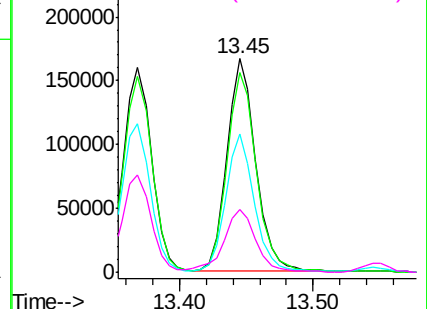
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 49.105 ng
 RT: 13.55 min Scan# 1744
 Delta R.T. -0.02 min
 Lab File: BM015849.D
 Acq: 09 Jul 2018 18:50

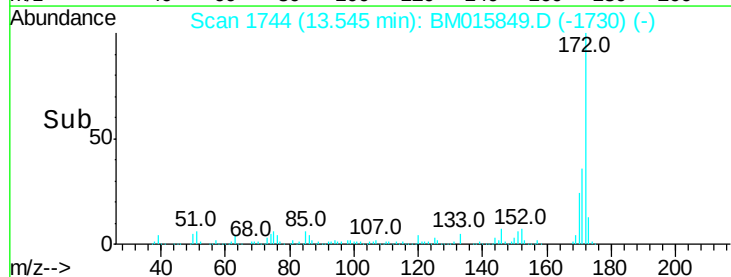
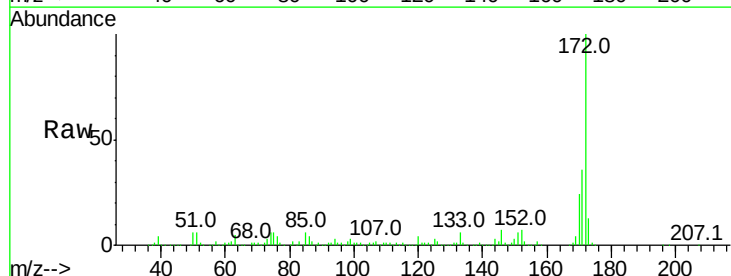
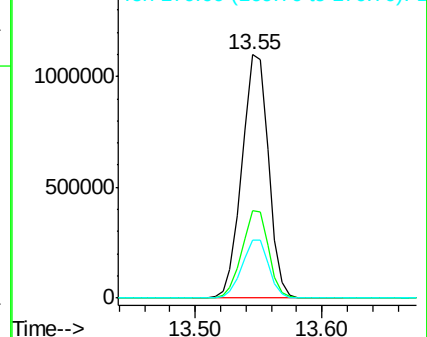
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1588721		
171	35.8	28.5	42.7	
170	24.0	18.8	28.2	

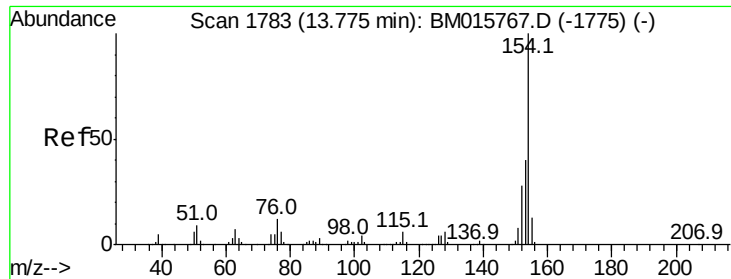
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





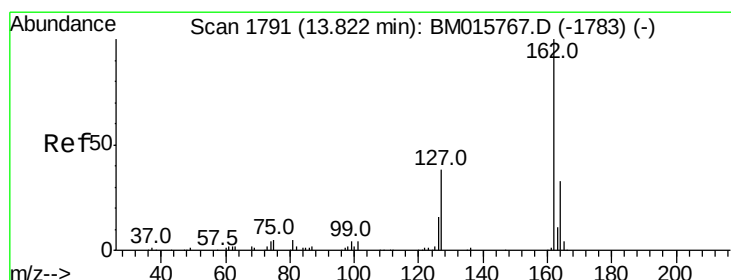
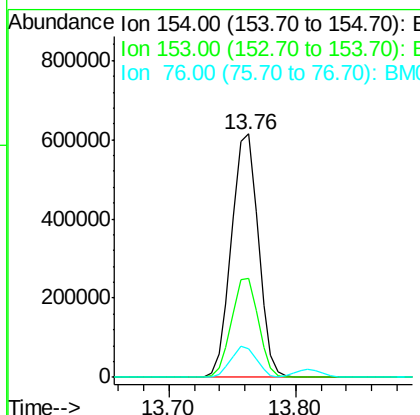
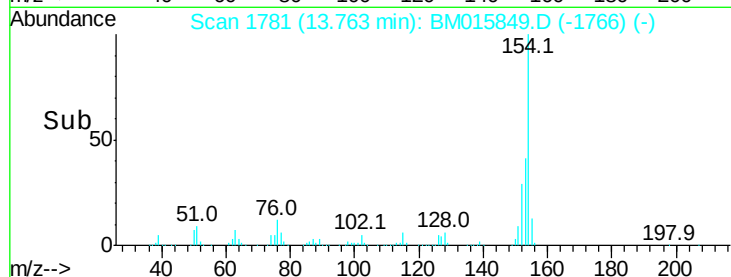
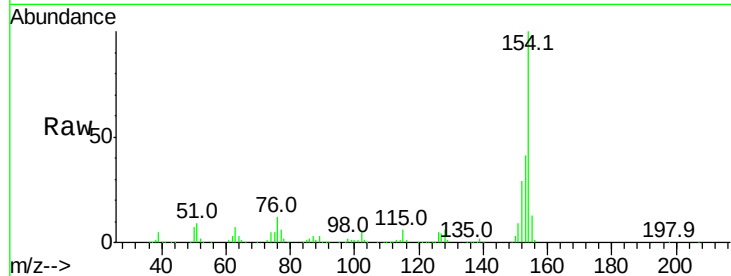
#45
1,1'-Biphenyl
Concen: 44.356 ng
RT: 13.76 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BM015849.D
Acq: 09 Jul 2018 18:50

Instrument :
BNA_M
ClientSampleId :
AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Resp	Lower	Upper
154	100	899774		
153	40.6	20.7	60.7	
76	11.8	0.0	30.9	

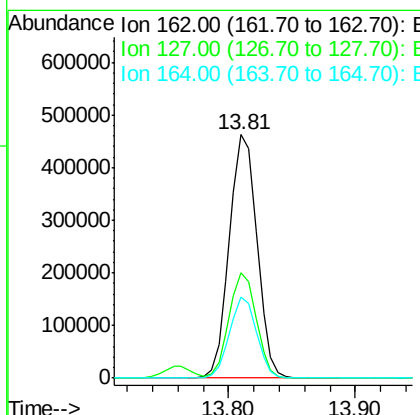
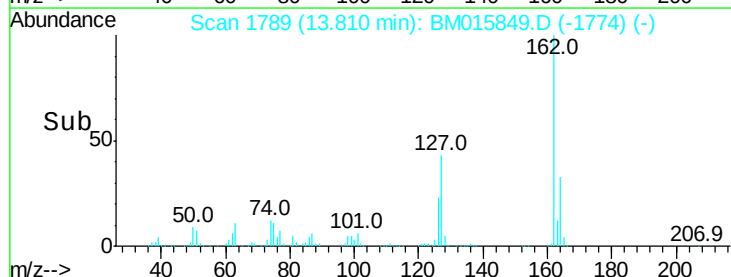
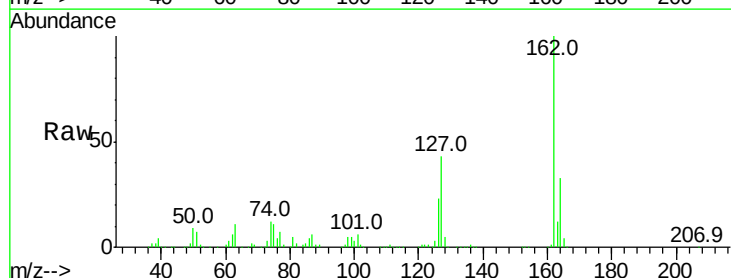
Manual Integrations
APPROVED

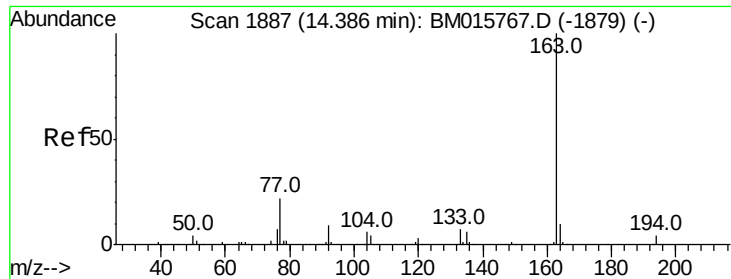
Sohil
7/10/2018 2:50:05 PM



#46
2-Chloronaphthalene
Concen: 45.961 ng
RT: 13.81 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BM015849.D
Acq: 09 Jul 2018 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	697079		
127	43.3	26.9	40.3#	
164	33.2	26.8	40.2	





#49

Dimethylphthalate

Concen: 57.220 ng

RT: 14.37 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BM015849.D

Acq: 09 Jul 2018 18:50

Instrument :

BNA_M

ClientSampleId :

AOC7-BTM-6-6.5MS

Tot Ion:163 Resp: 1183990

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

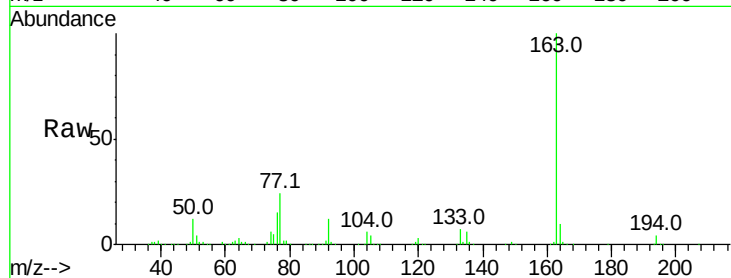
164 10.0 8.2 12.2

Manual Integrations

APPROVED

Sohil

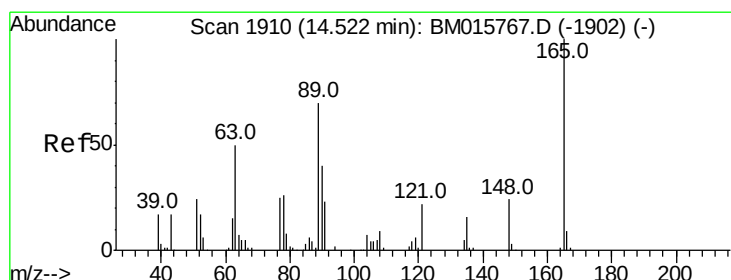
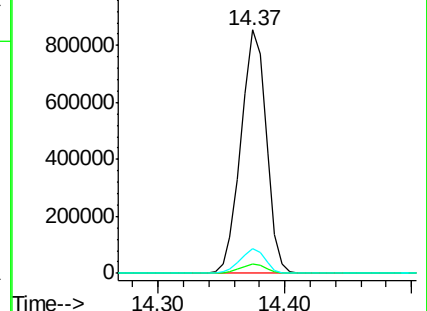
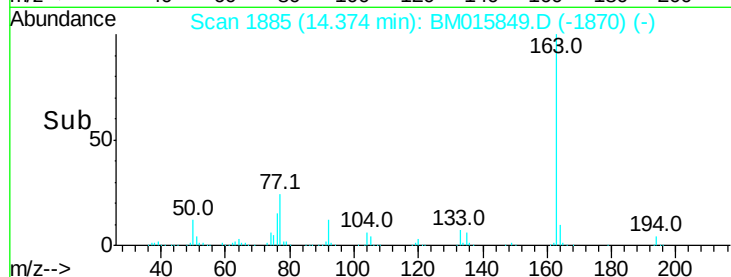
7/10/2018 2:50:05 PM



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 49.302 ng

RT: 14.51 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BM015849.D

Acq: 09 Jul 2018 18:50

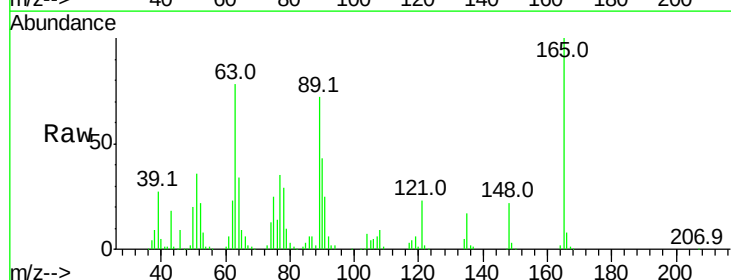
Tgt Ion:165 Resp: 198909

Ion Ratio Lower Upper

165 100

63 78.4 44.1 66.1#

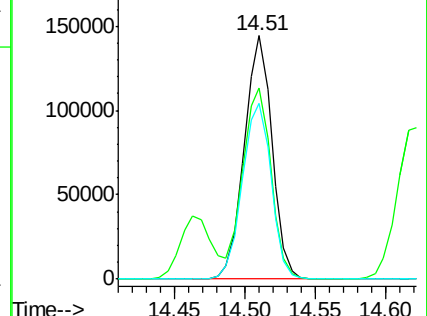
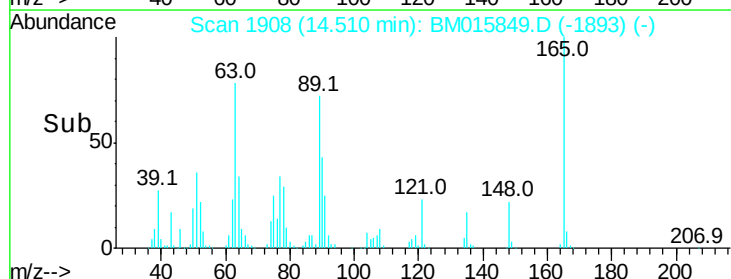
89 72.3 44.3 66.5#

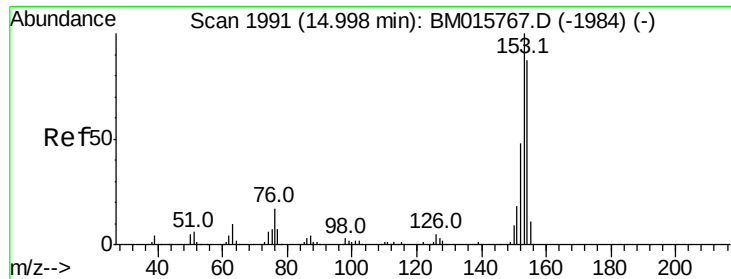


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 43.368 ng

RT: 14.99 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BM015849.D

Acq: 09 Jul 2018 18:50

Instrument :

BNA_M

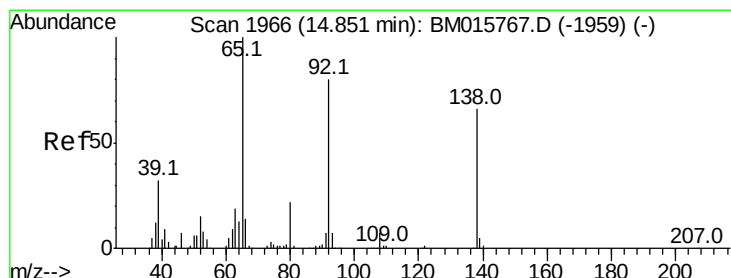
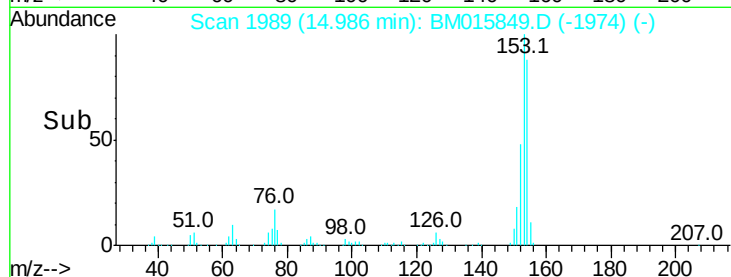
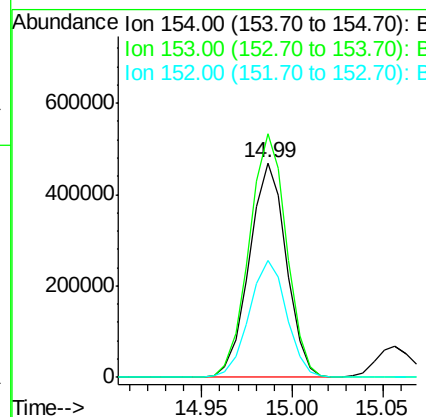
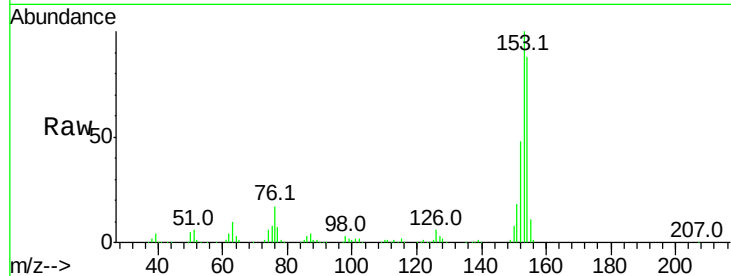
ClientSampleId :

AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.5	90.0	135.0
152	54.7	42.6	63.8

Manual Integrations
APPROVED

Sohil
7/10/2018 2:50:05 PM



#52

3-Nitroaniline

Concen: 38.980 ng

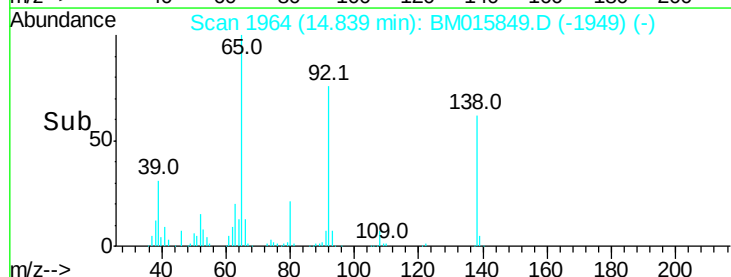
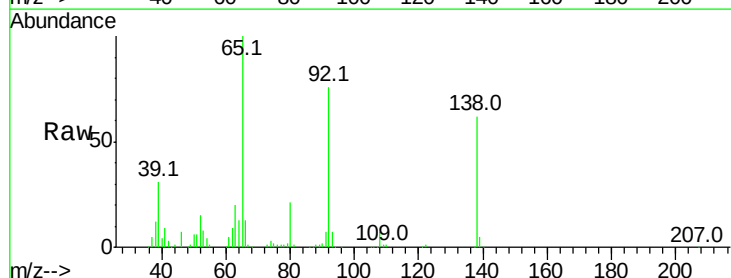
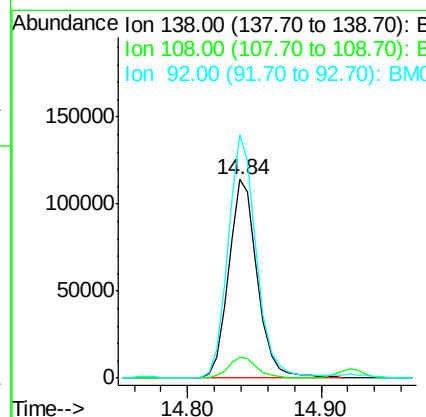
RT: 14.84 min Scan# 1964

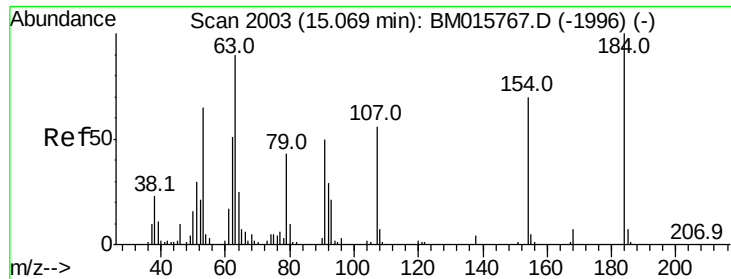
Delta R.T. -0.01 min

Lab File: BM015849.D

Acq: 09 Jul 2018 18:50

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.6	7.3	10.9
92	122.8	76.6	114.8#





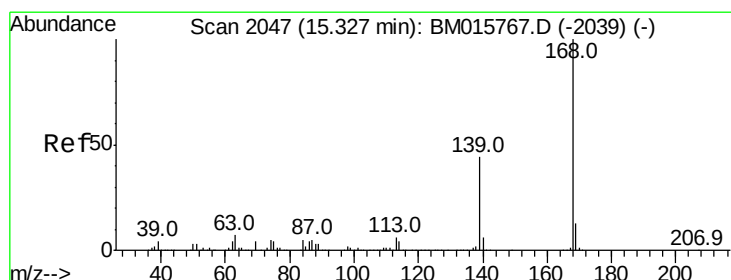
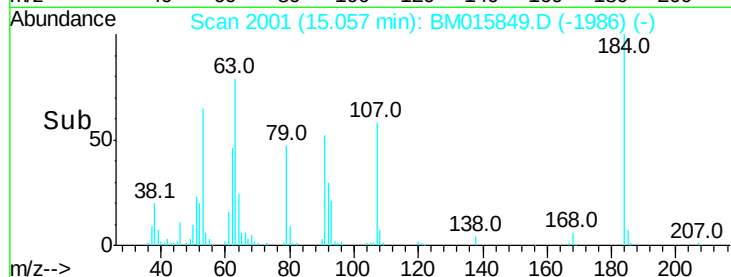
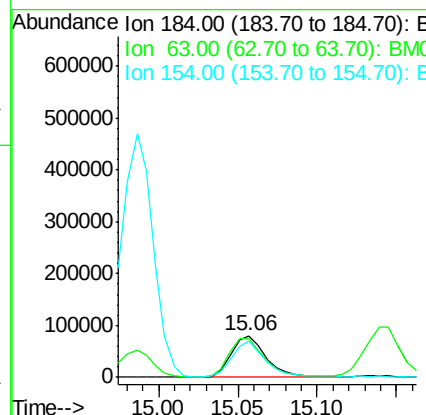
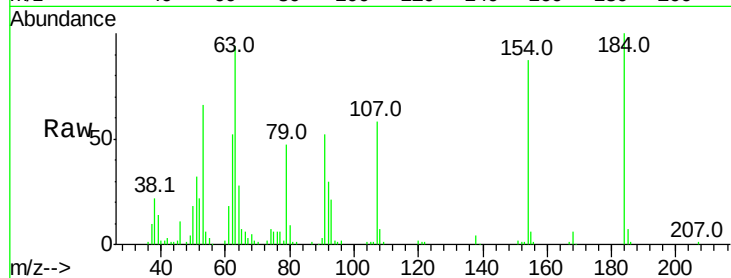
#53
2,4-Dinitrophenol
Concen: 62.160 ng
RT: 15.06 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BM015849.D
Acq: 09 Jul 2018 18:50

Instrument :
BNA_M
ClientSampleId :
AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	93.5	69.2	103.8	
154	86.6	53.3	79.9#	

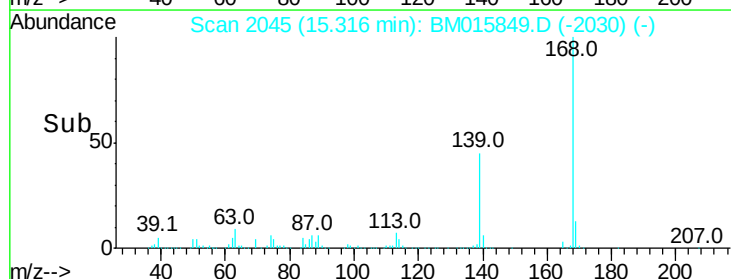
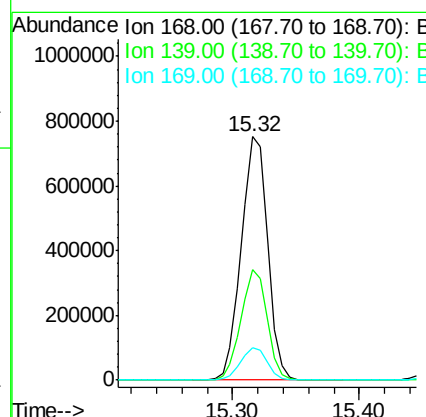
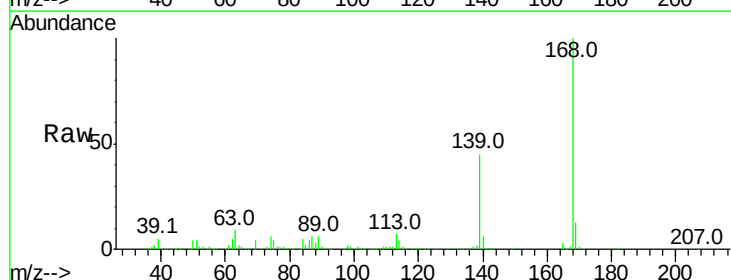
Manual Integrations
APPROVED

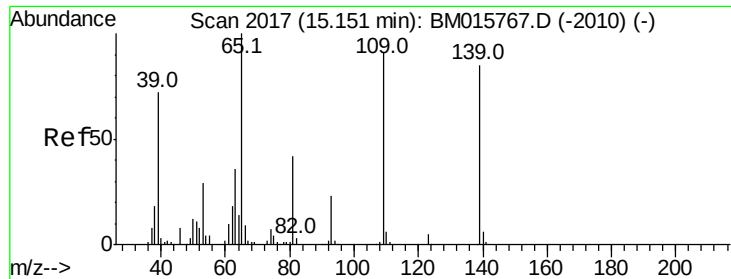
Sohil
7/10/2018 2:50:05 PM



#54
Dibenzofuran
Concen: 45.664 ng
RT: 15.32 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BM015849.D
Acq: 09 Jul 2018 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	45.2	27.3	40.9#	
169	13.3	10.6	16.0	





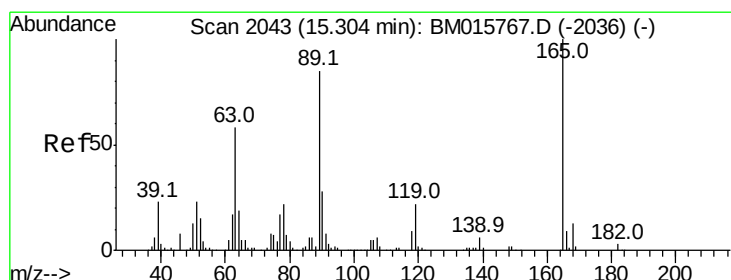
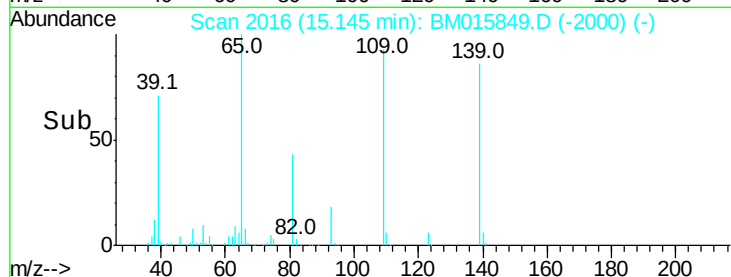
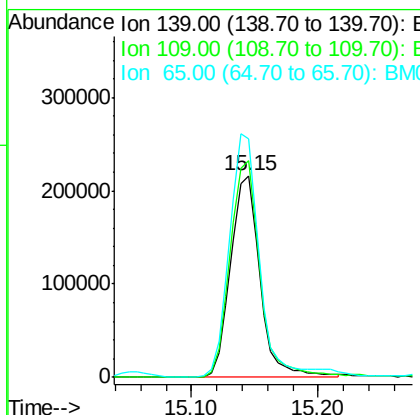
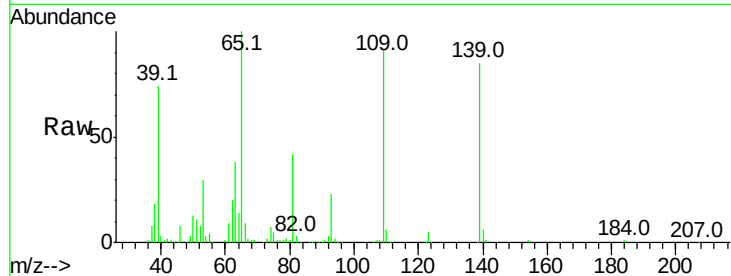
#55
4-Nitrophenol
Concen: 106.475 ng
RT: 15.15 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BM015849.D
Acq: 09 Jul 2018 18:50

Instrument :
BNA_M
ClientSampleId :
AOC7-BTM-6-6.5MS

Tot Ion:139 Resp: 347008
Ion Ratio Lower Upper
139 100
109 107.5 130.0 170.0#
65 118.3 130.0 170.0#

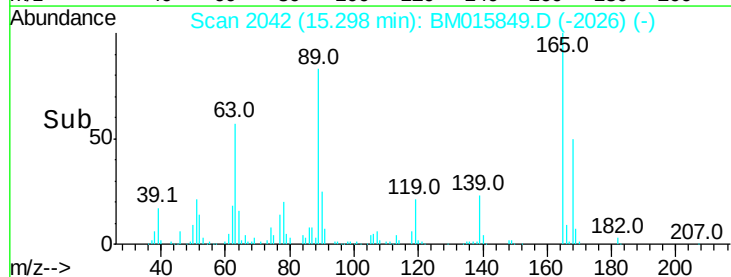
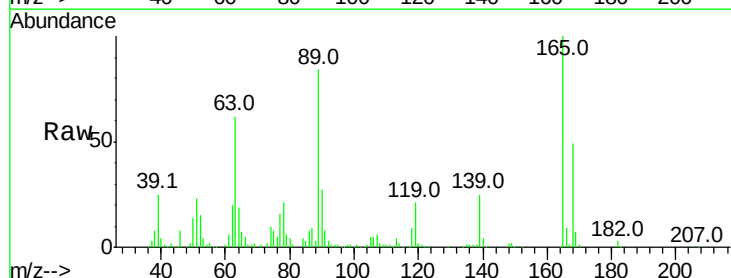
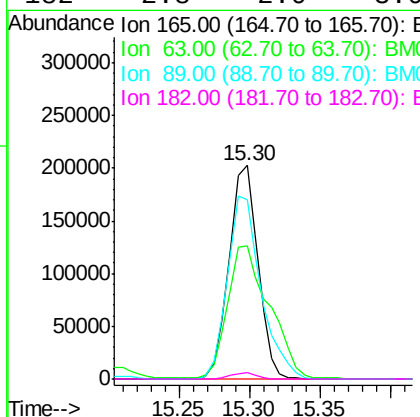
Manual Integrations
APPROVED

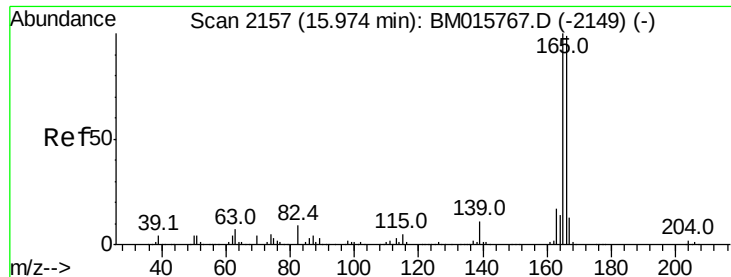
Sohil
7/10/2018 2:50:05 PM



#56
2,4-Dinitrotoluene
Concen: 49.693 ng
RT: 15.30 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BM015849.D
Acq: 09 Jul 2018 18:50

Tgt Ion:165 Resp: 289446
Ion Ratio Lower Upper
165 100
63 62.1 52.4 78.6
89 84.2 72.4 108.6
182 2.8 2.0 3.0





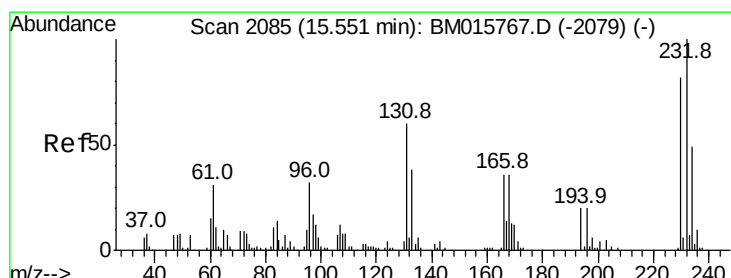
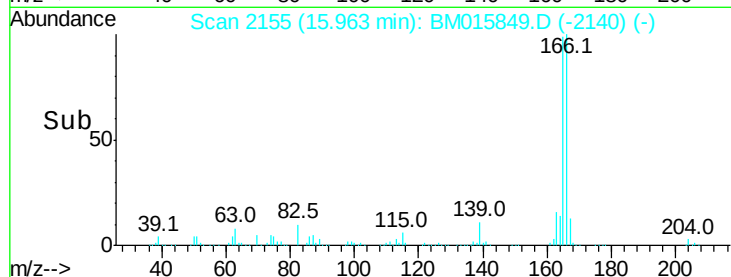
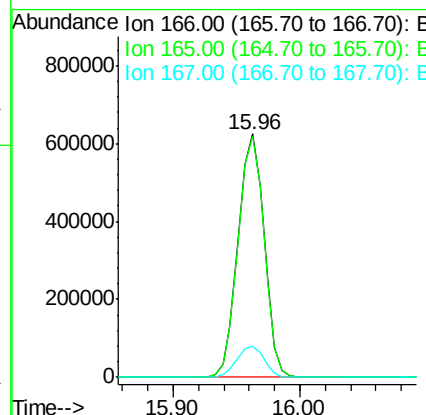
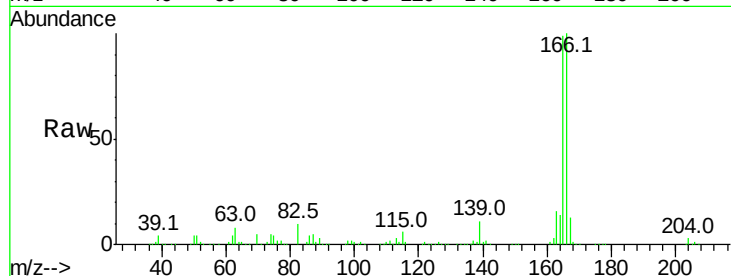
#57
 Fluorene
 Concen: 45.386 ng
 RT: 15.96 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BM015849.D
 Acq: 09 Jul 2018 18:50

Instrument :
 BNA_M
 ClientSampleId :
 AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.0	118.4
167	12.9	10.3	15.5

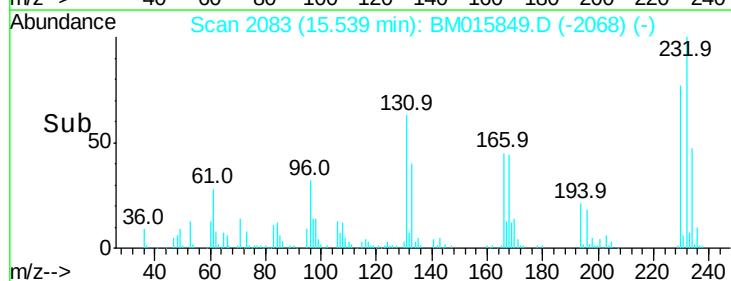
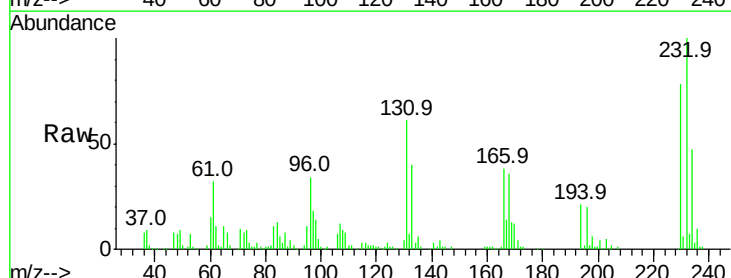
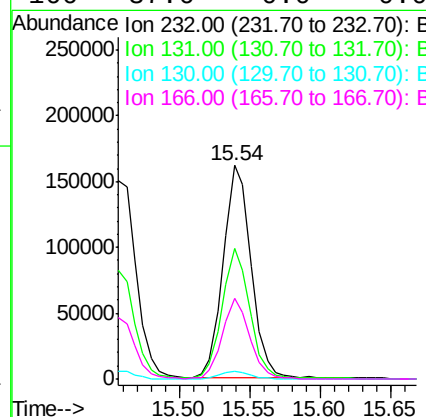
Manual Integrations
 APPROVED

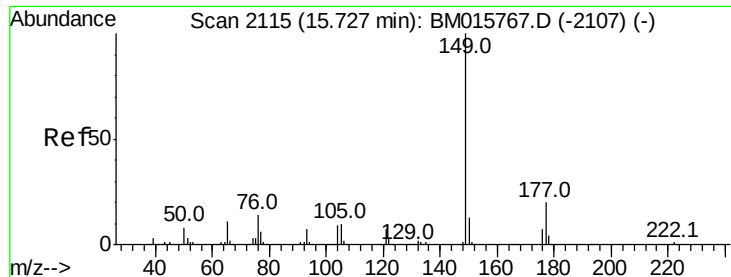
Sohil
 7/10/2018 2:50:05 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.205 ng
 RT: 15.54 min Scan# 2083
 Delta R.T. -0.01 min
 Lab File: BM015849.D
 Acq: 09 Jul 2018 18:50

Tgt Ion	Ratio	Lower	Upper
232	100		
131	60.3	0.0	0.0#
130	3.9	0.0	0.0#
166	37.6	0.0	0.0#





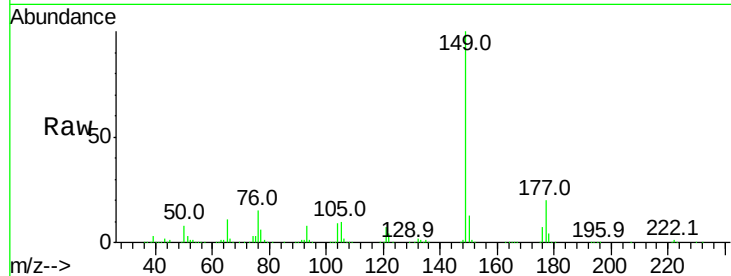
#59
Diethylphthalate
Concen: 45.556 ng
RT: 15.72 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BM015849.D
Acq: 09 Jul 2018 18:50

Instrument :
BNA_M
ClientSampleId :
AOC7-BTM-6-6.5MS

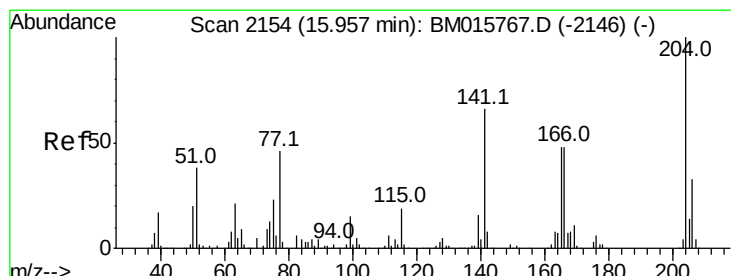
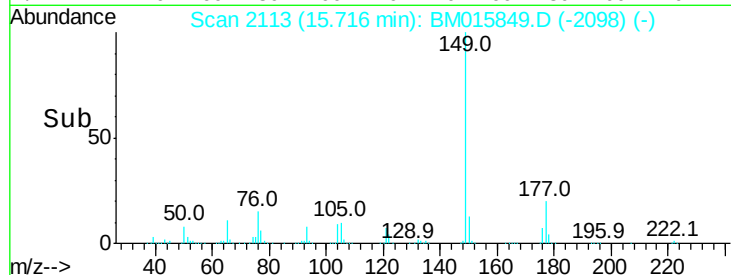
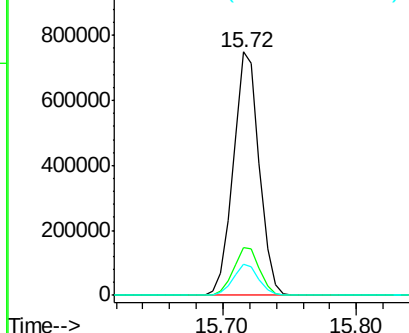
Tot Ion	Ratio	Lower	Upper
149	100		
177	19.8	18.3	27.5
150	12.6	9.8	14.8

Manual Integrations
APPROVED

Sohil
7/10/2018 2:50:05 PM

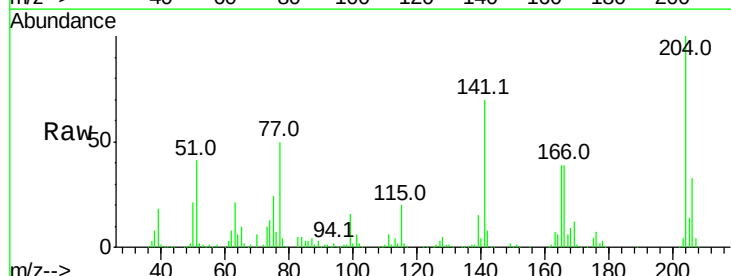


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

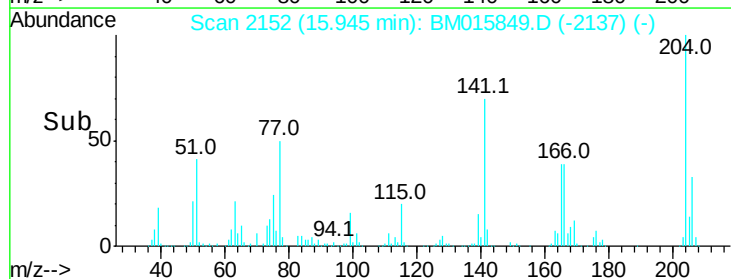
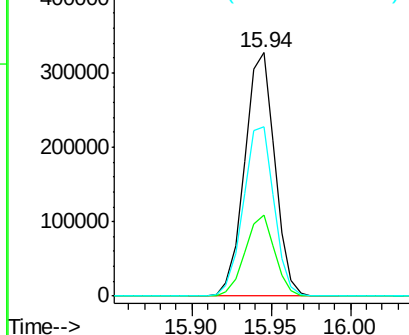


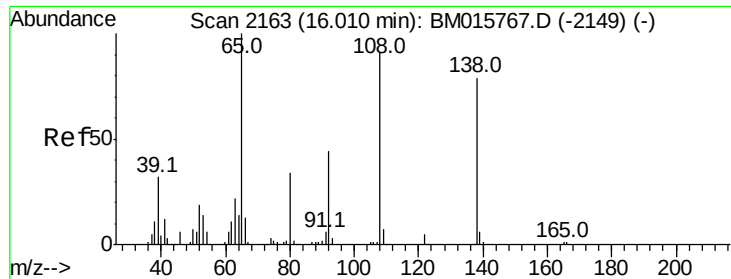
#60
4-Chlorophenyl-phenylether
Concen: 42.976 ng
RT: 15.94 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BM015849.D
Acq: 09 Jul 2018 18:50

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.6	39.8
141	69.8	45.2	67.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 45.223 ng

RT: 16.00 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BM015849.D

Acq: 09 Jul 2018 18:50

Instrument :

BNA_M

ClientSampleId :

AOC7-BTM-6-6.5MS

Tot Ion:138 Resp: 207172

Ion Ratio Lower Upper

138 100

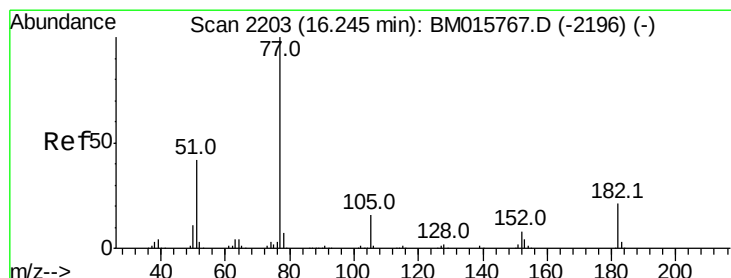
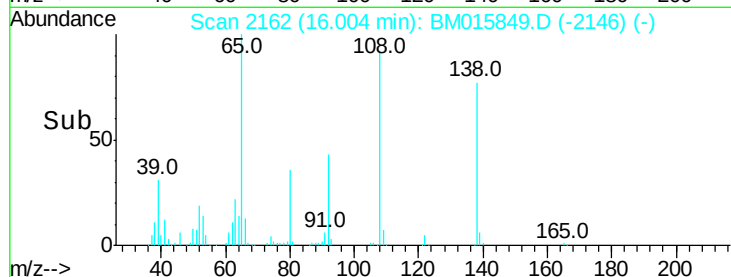
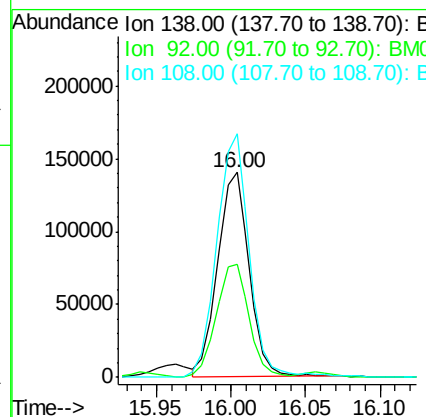
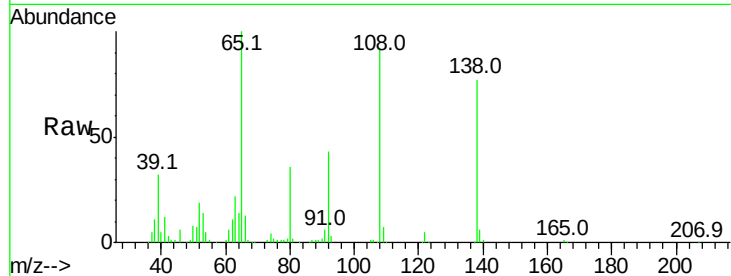
92 55.2 16.7 56.7

108 119.0 37.6 77.6#

Manual Integrations
APPROVED

Sohil

7/10/2018 2:50:05 PM



#62

Azobenzene

Concen: 50.549 ng

RT: 16.24 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BM015849.D

Acq: 09 Jul 2018 18:50

Tgt Ion: 77 Resp: 1050686

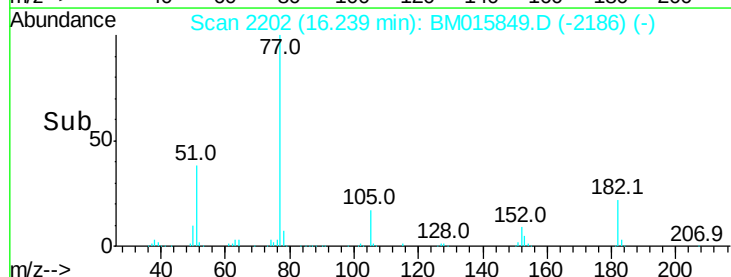
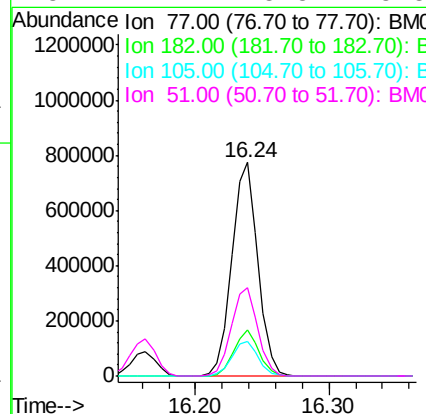
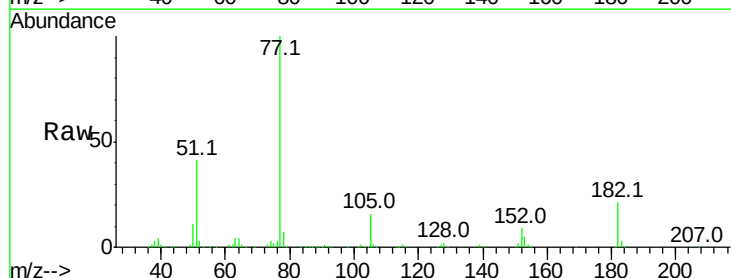
Ion Ratio Lower Upper

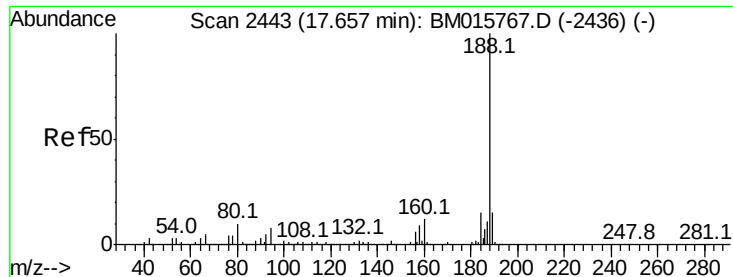
77 100

182 21.4 6.5 46.5

105 16.4 3.8 43.8

51 41.2 5.5 45.5





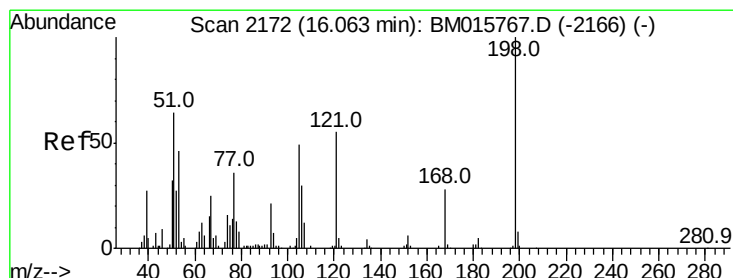
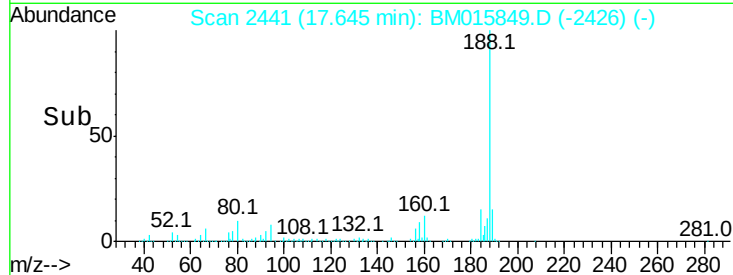
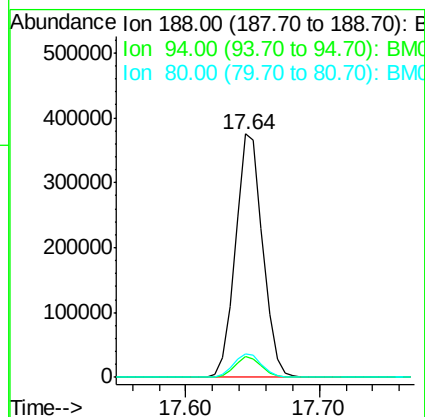
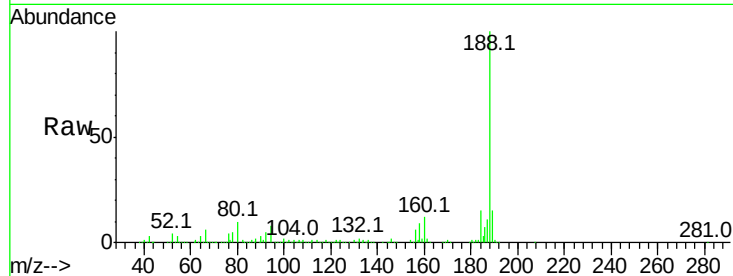
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BM015849.D
Acq: 09 Jul 2018 18:50

Instrument :
BNA_M
ClientSampleId :
AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.4	8.7	13.1#
80	9.7	9.3	13.9

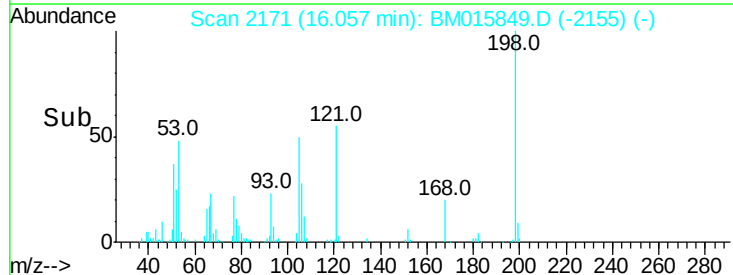
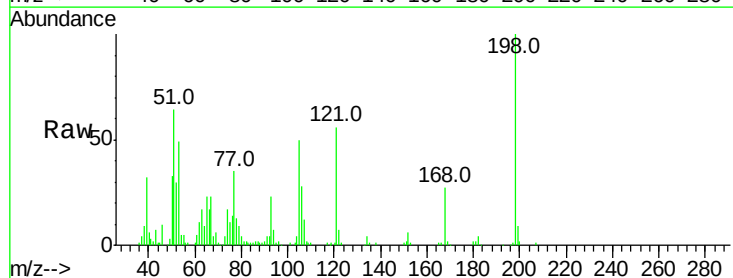
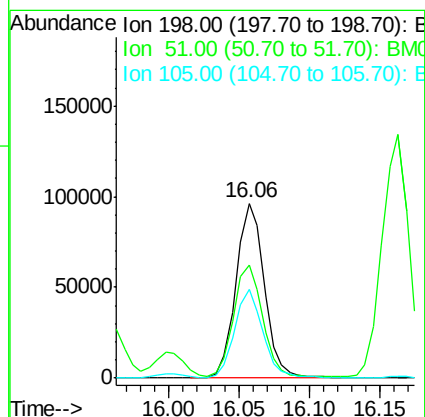
Manual Integrations
APPROVED

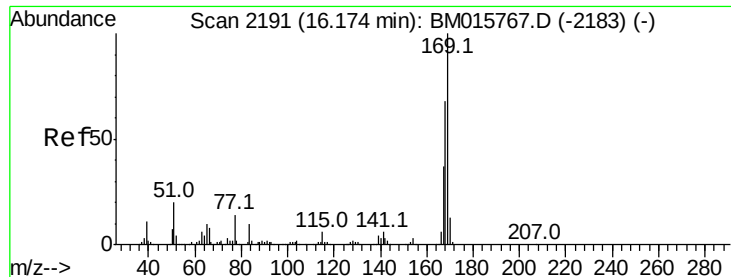
Sohil
7/10/2018 2:50:05 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 42.089 ng
RT: 16.06 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BM015849.D
Acq: 09 Jul 2018 18:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	64.4	28.8	68.8
105	50.5	30.5	70.5





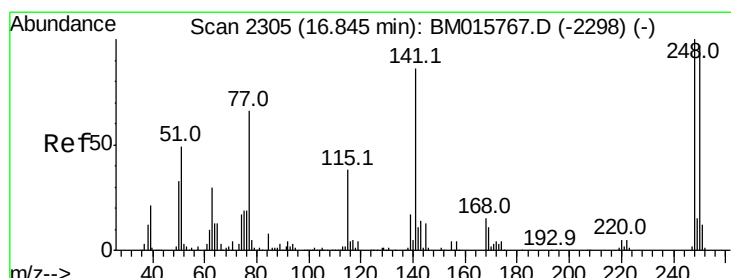
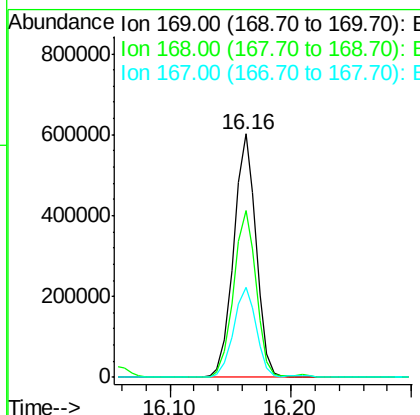
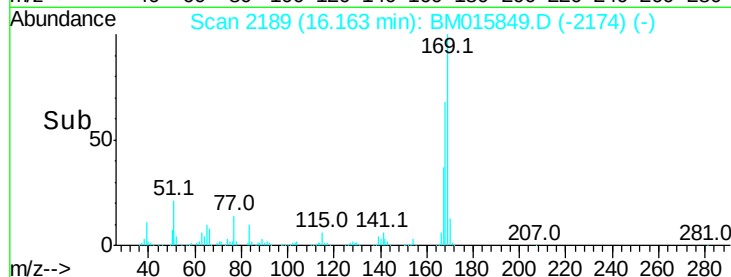
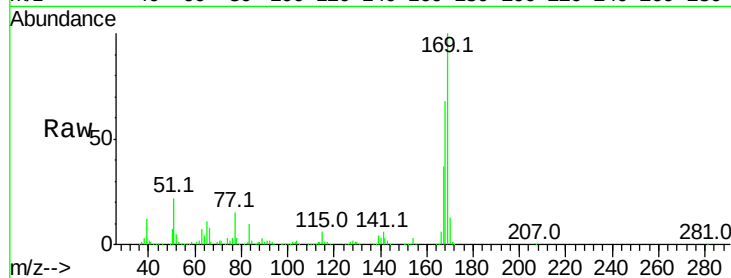
#65
n-Nitrosodiphenylamine
Concen: 42.894 ng
RT: 16.16 min Scan# 2189
Delta R.T. -0.01 min
Lab File: BM015849.D
Acq: 09 Jul 2018 18:50

Instrument :
BNA_M
ClientSampleId :
AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.5	53.9	80.9
167	37.1	28.9	43.3

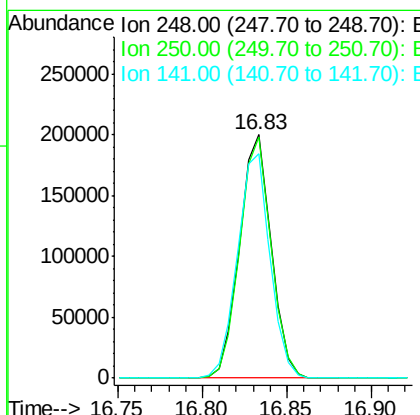
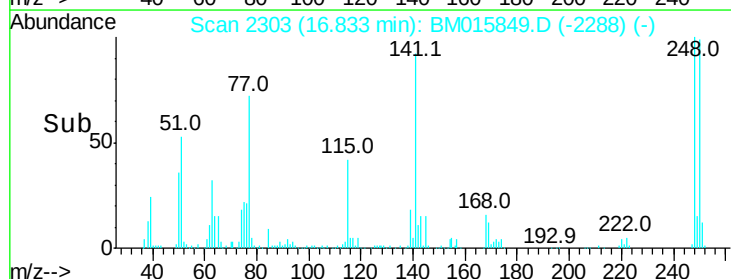
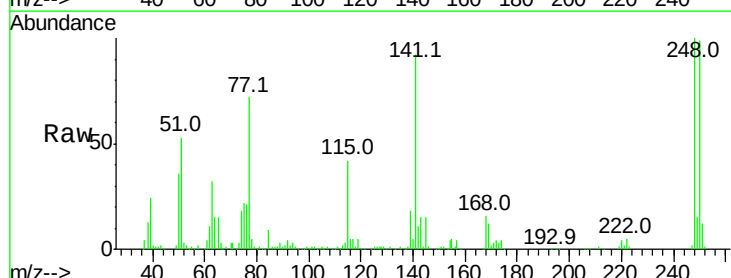
Manual Integrations
APPROVED

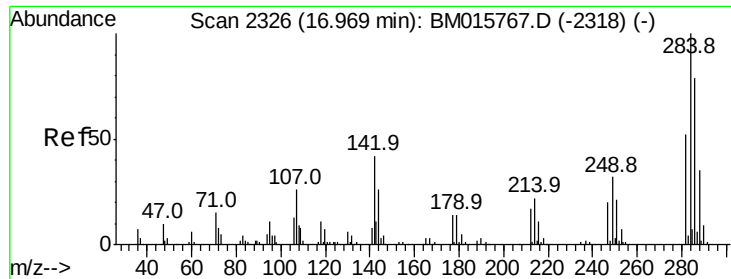
Sohil
7/10/2018 2:50:05 PM



#66
4-Bromophenyl-phenylether
Concen: 44.240 ng
RT: 16.83 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BM015849.D
Acq: 09 Jul 2018 18:50

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.2	77.4	116.0
141	92.3	45.2	67.8#





#67

Hexachlorobenzene

Concen: 44.268 ng

RT: 16.96 min Scan# 2324

Delta R.T. -0.01 min

Lab File: BM015849.D

Acq: 09 Jul 2018 18:50

Instrument :

BNA_M

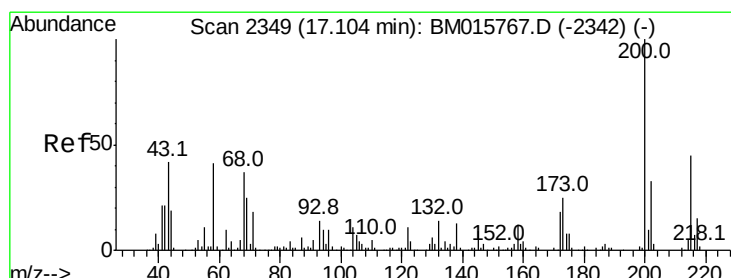
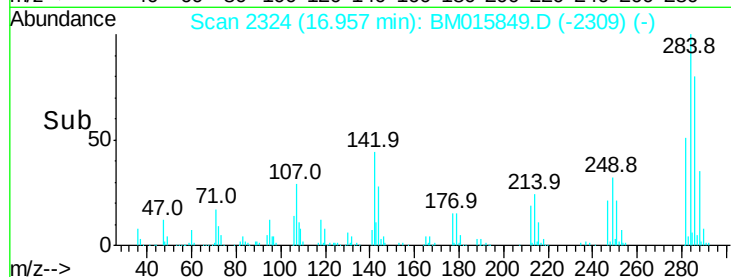
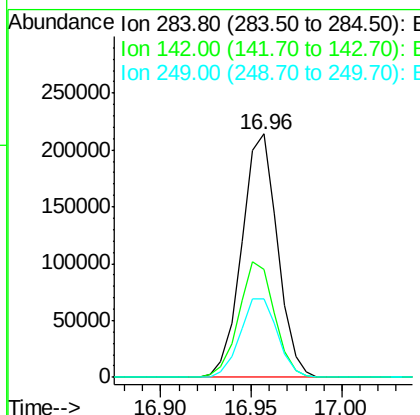
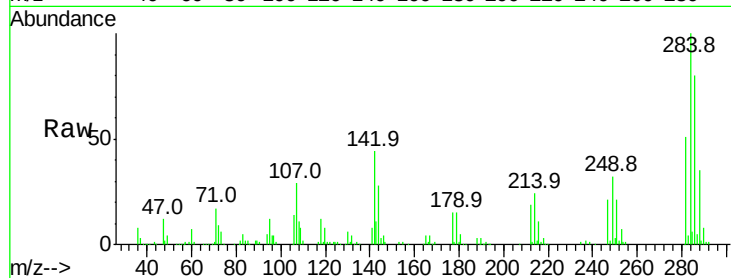
ClientSampleId :

AOC7-BTM-6-6.5MS

Tot Ion:	284	Resp:	292865
Ion Ratio	Lower	Upper	
284	100		
142	44.4	20.4	30.6#
249	32.4	23.8	35.6

Manual Integrations
APPROVED

Sohil
7/10/2018 2:50:05 PM



#68

Atrazine

Concen: 49.096 ng

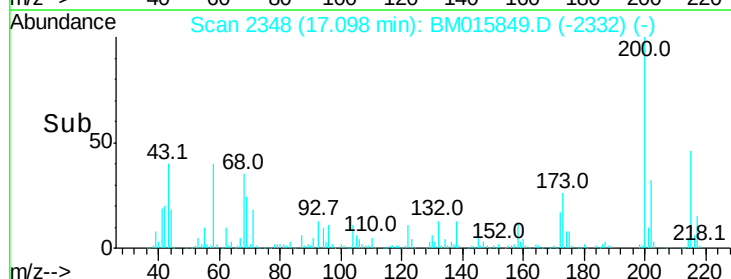
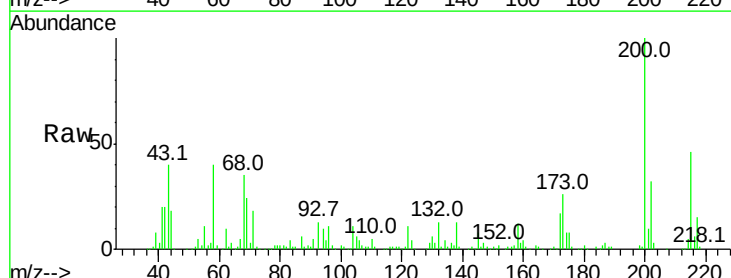
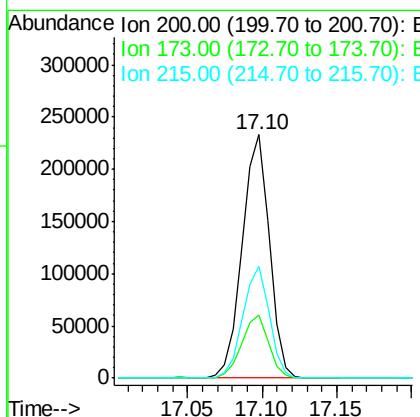
RT: 17.10 min Scan# 2348

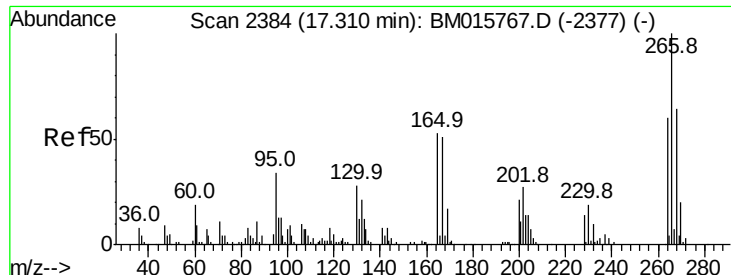
Delta R.T. -0.01 min

Lab File: BM015849.D

Acq: 09 Jul 2018 18:50

Tgt Ion:	200	Resp:	293413
Ion Ratio	Lower	Upper	
200	100		
173	25.8	4.8	44.8
215	45.8	26.9	66.9





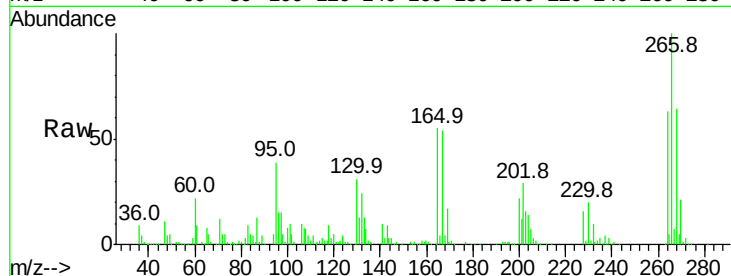
#69
 Pentachlorophenol
 Concen: 85.185 ng
 RT: 17.30 min Scan# 2382
 Delta R.T. -0.01 min
 Lab File: BM015849.D
 Acq: 09 Jul 2018 18:50

Instrument :
 BNA_M
 ClientSampleId :
 AOC7-BTM-6-6.5MS

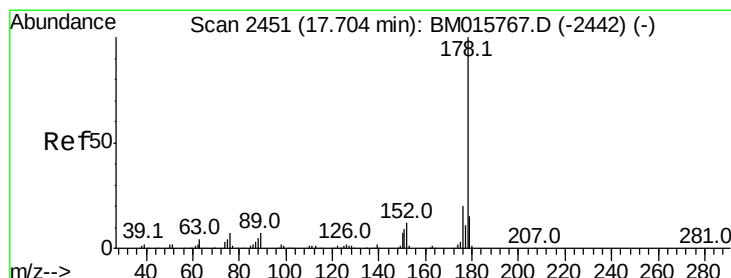
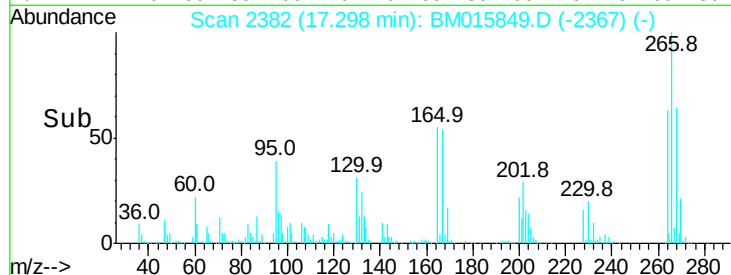
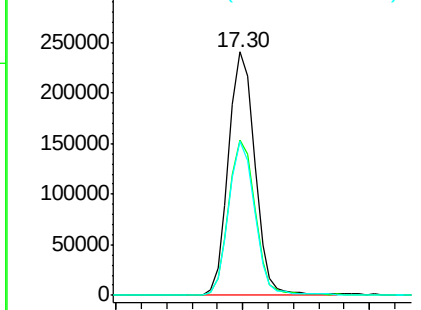
Tot Ion	Ratio	Resp	Lower	Upper
266	100	348717		
268	63.7	52.0	78.0	
264	63.3	49.0	73.4	

Manual Integrations
 APPROVED

Sohil
 7/10/2018 2:50:05 PM

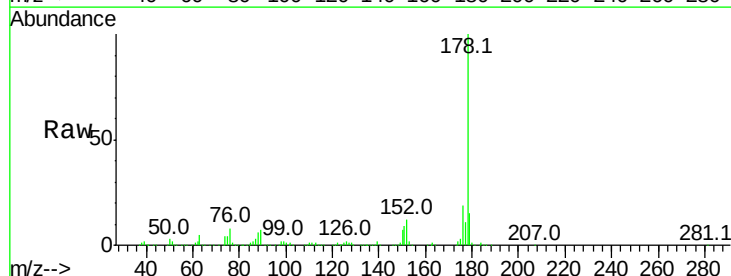


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

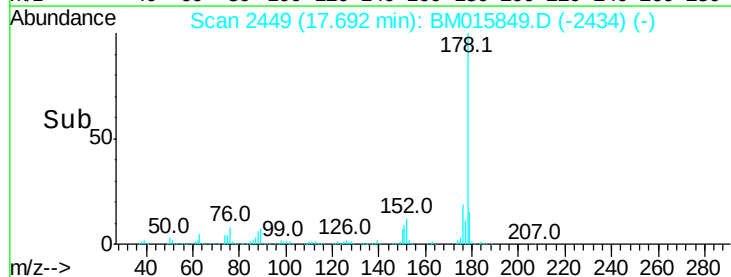
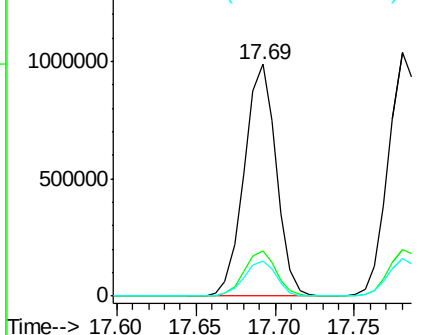


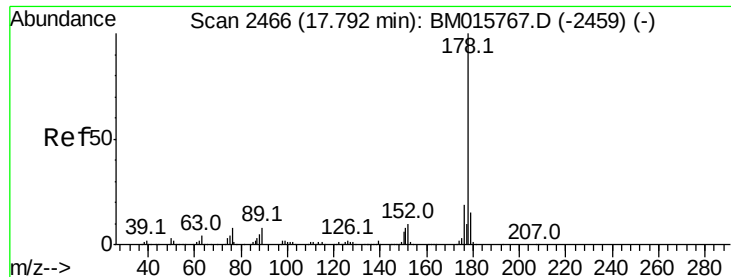
#70
 Phenanthrene
 Concen: 45.626 ng
 RT: 17.69 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BM015849.D
 Acq: 09 Jul 2018 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1384128		
176	19.4	15.2	22.8	
179	15.1	12.1	18.1	



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





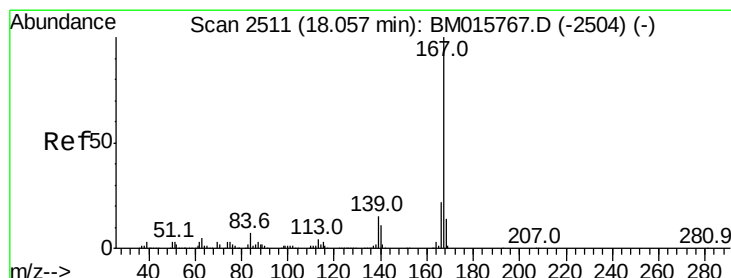
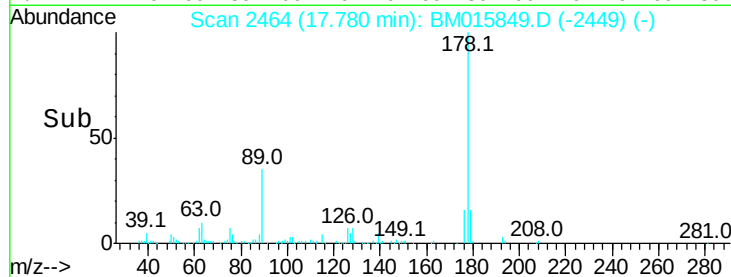
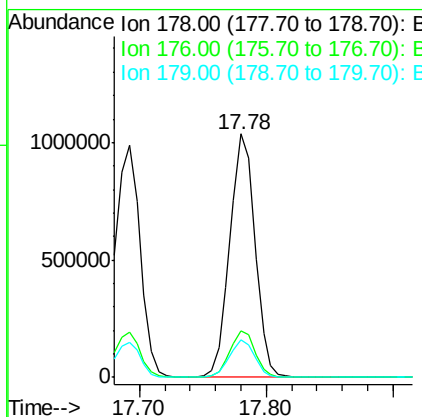
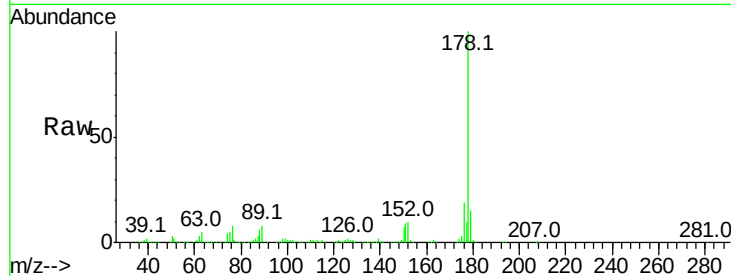
#71
 Anthracene
 Concen: 47.712 ng
 RT: 17.78 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BM015849.D
 Acq: 09 Jul 2018 18:50

Instrument :
 BNA_M
 ClientSampleId :
 AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.6	22.0
179	15.2	12.6	19.0

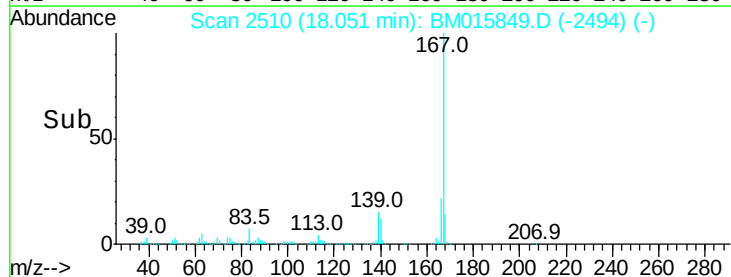
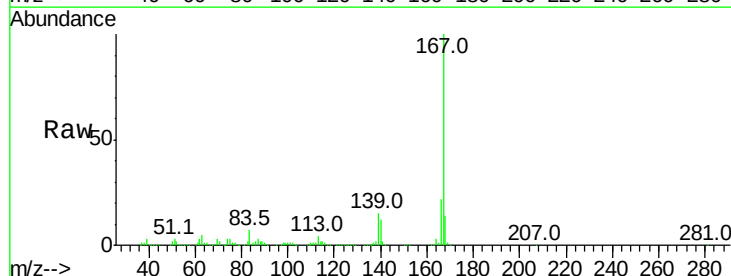
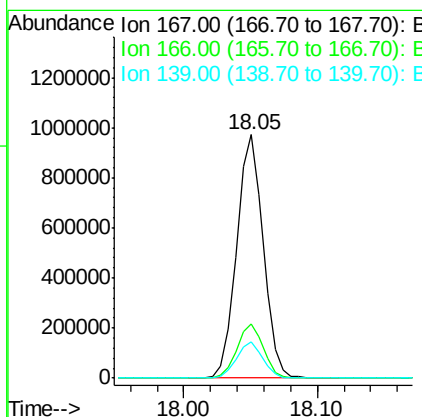
Manual Integrations
 APPROVED

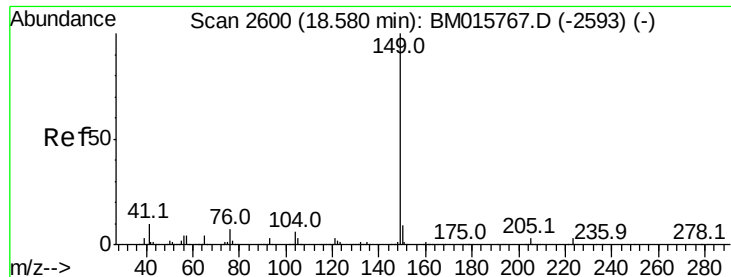
Sohil
 7/10/2018 2:50:05 PM



#72
 Carbazole
 Concen: 48.189 ng
 RT: 18.05 min Scan# 2510
 Delta R.T. -0.01 min
 Lab File: BM015849.D
 Acq: 09 Jul 2018 18:50

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.2	25.8
139	14.9	10.8	16.2





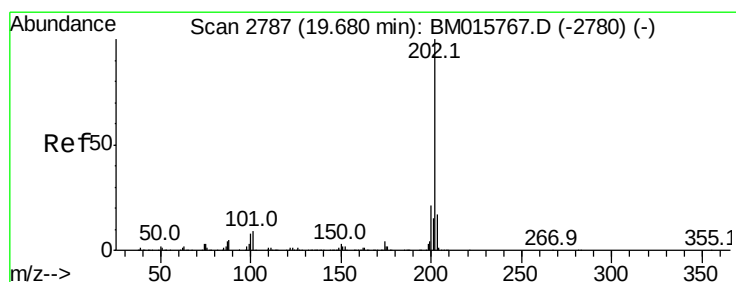
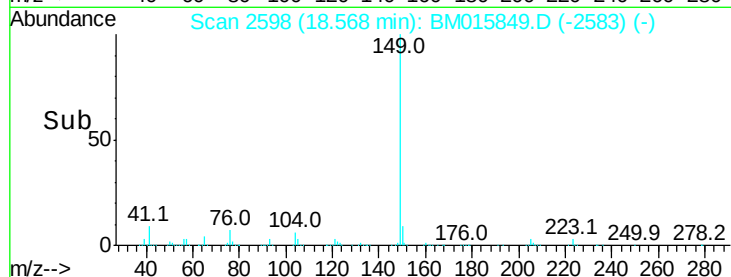
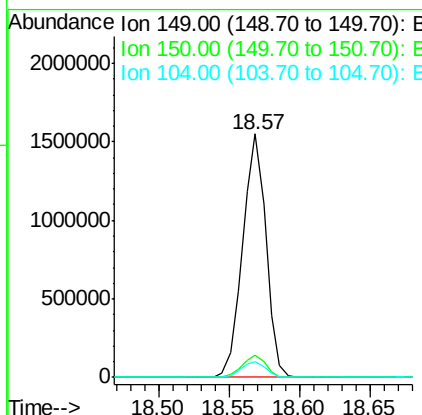
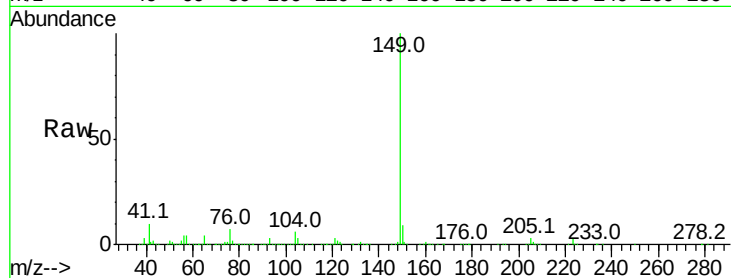
#73
Di-n-butylphthalate
Concen: 47.795 ng
RT: 18.57 min Scan# 2598
Delta R.T. -0.01 min
Lab File: BM015849.D
Acq: 09 Jul 2018 18:50

Instrument :
BNA_M
ClientSampleId :
AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	6.5	3.7	5.5

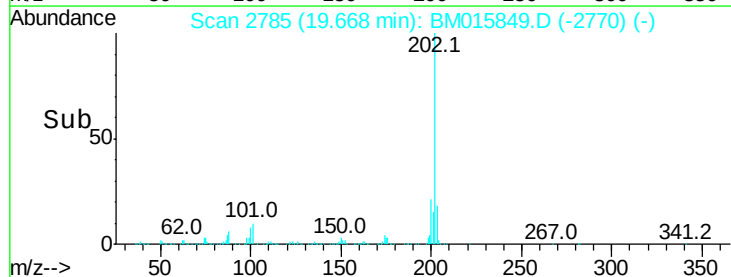
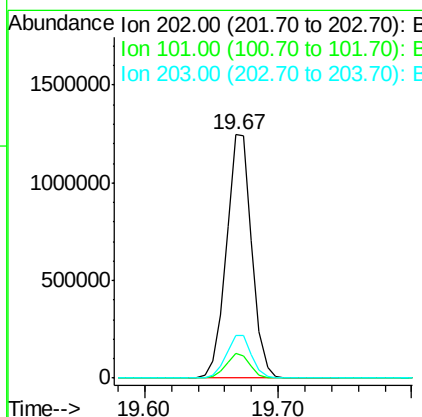
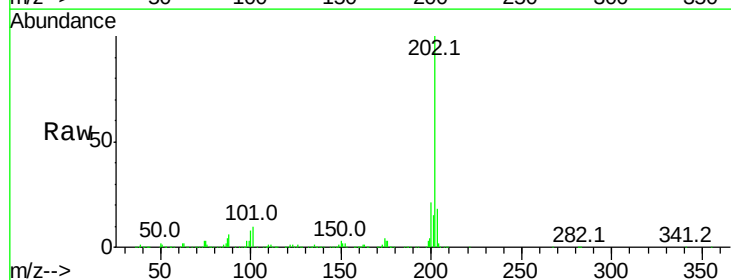
Manual Integrations
APPROVED

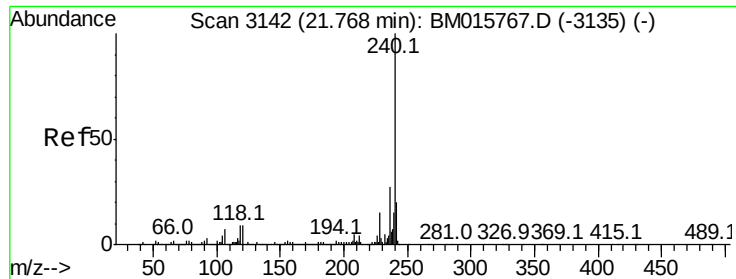
Sohil
7/10/2018 2:50:05 PM



#74
Fluoranthene
Concen: 47.673 ng
RT: 19.67 min Scan# 2785
Delta R.T. -0.01 min
Lab File: BM015849.D
Acq: 09 Jul 2018 18:50

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	28.7
203	17.5	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BM015849.D

Acq: 09 Jul 2018 18:50

Instrument :

BNA_M

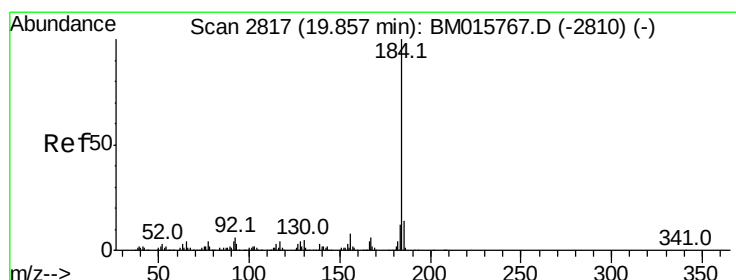
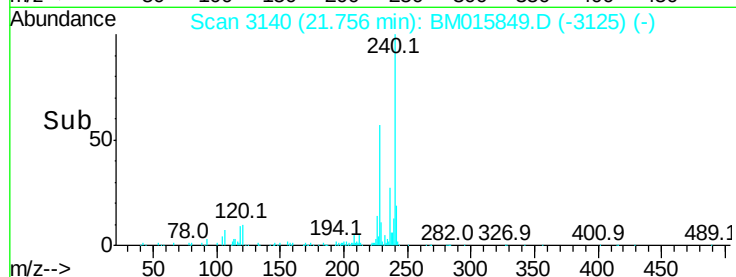
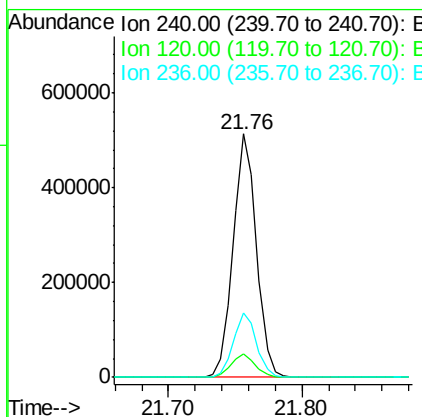
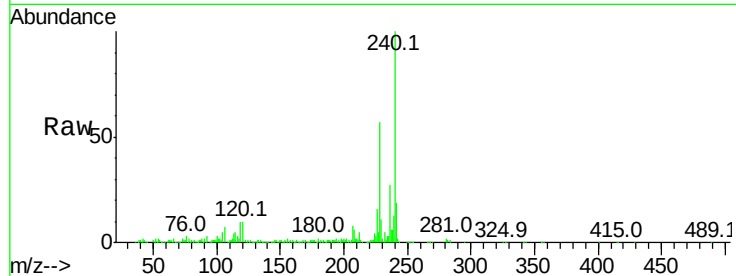
ClientSampleId :

AOC7-BTM-6-6.5MS

Tot Ion:	240	Resp:	624624
Ion Ratio	Lower	Upper	
240	100		
120	9.7	8.2	12.2
236	26.7	20.0	30.0

Manual Integrations
APPROVED

Sohil
7/10/2018 2:50:05 PM



#76

Benzidine

Concen: 59.427 ng

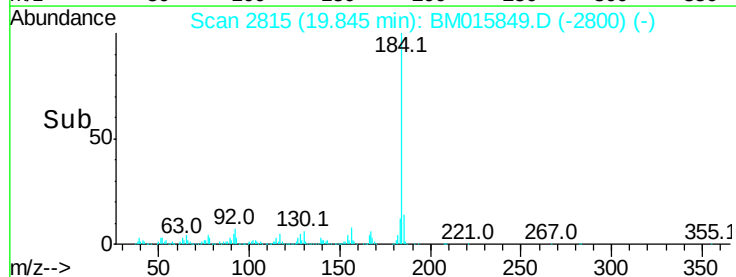
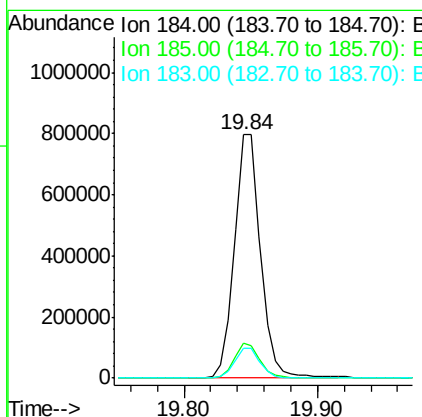
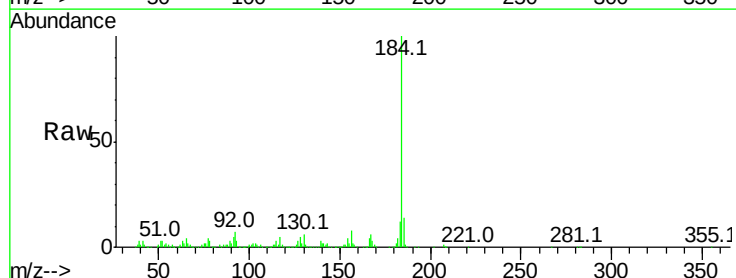
RT: 19.84 min Scan# 2815

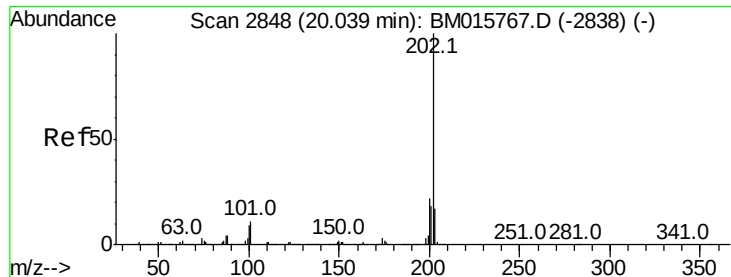
Delta R.T. -0.01 min

Lab File: BM015849.D

Acq: 09 Jul 2018 18:50

Tgt Ion:	184	Resp:	1087563
Ion Ratio	Lower	Upper	
184	100		
185	14.2	11.3	16.9
183	12.3	8.9	13.3





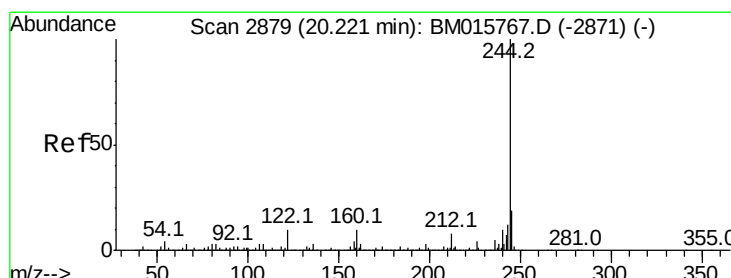
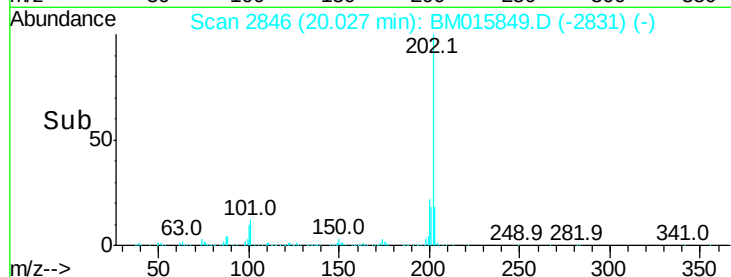
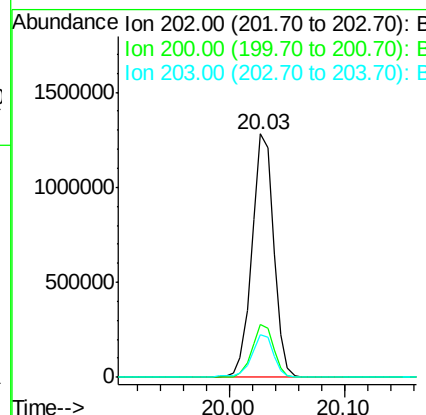
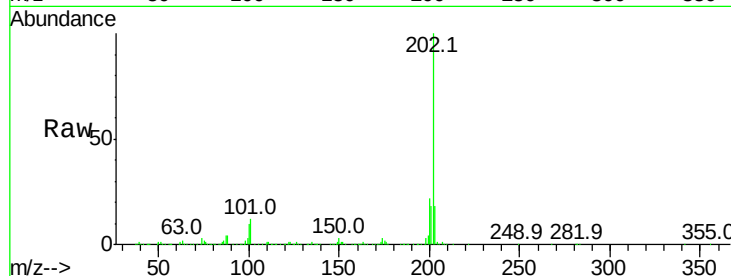
#77
Pvrene
Concen: 43.149 ng
RT: 20.03 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BM015849.D
Acq: 09 Jul 2018 18:50

Instrument :
BNA_M
ClientSampleId :
AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.9	25.3
203	17.5	14.1	21.1

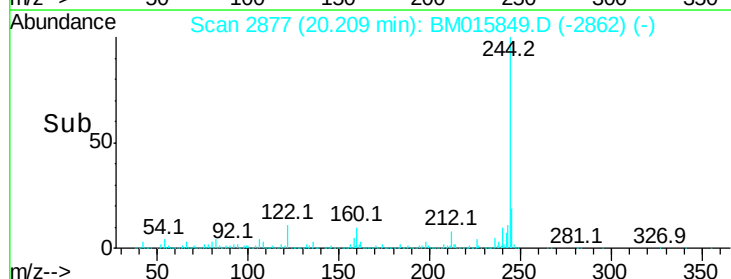
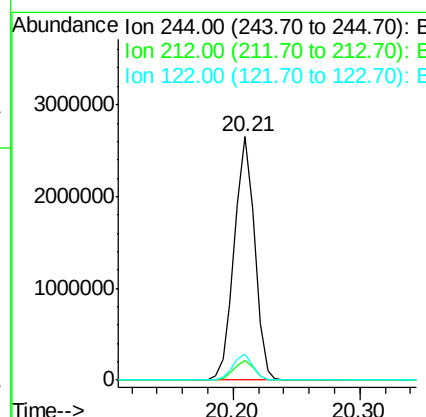
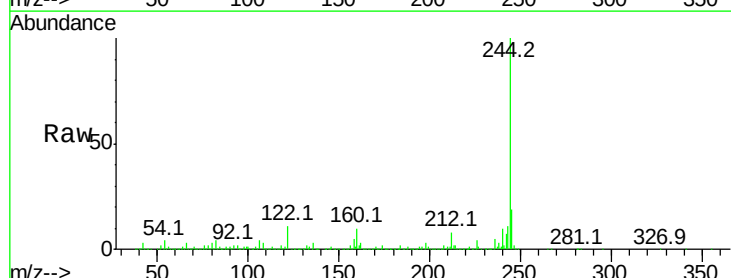
Manual Integrations
APPROVED

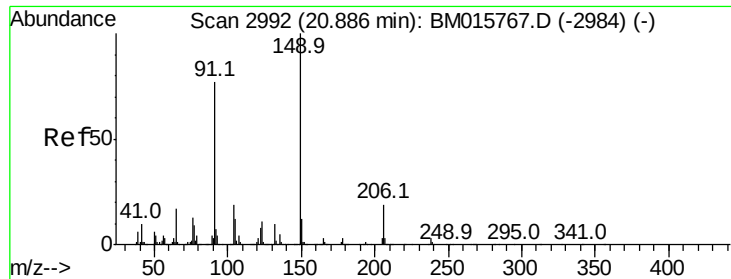
Sohil
7/10/2018 2:50:05 PM



#78
Terphenyl-d14
Concen: 43.149 ng
RT: 20.21 min Scan# 2877
Delta R.T. -0.01 min
Lab File: BM015849.D
Acq: 09 Jul 2018 18:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	4.9	7.3#
122	10.6	6.2	9.4#





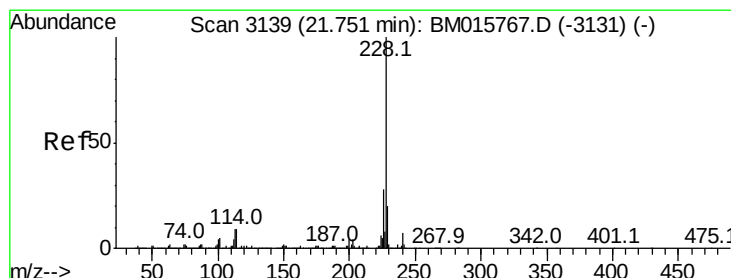
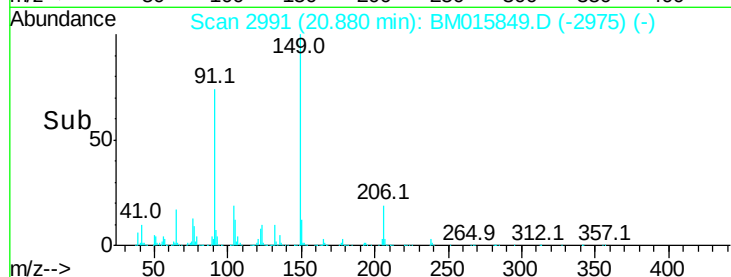
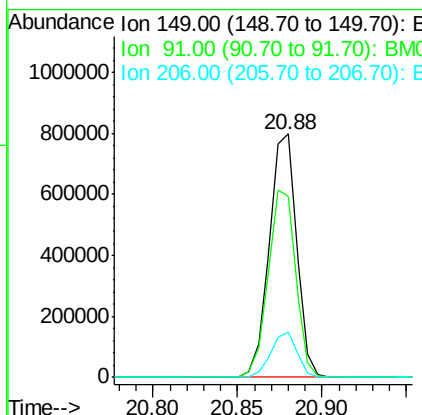
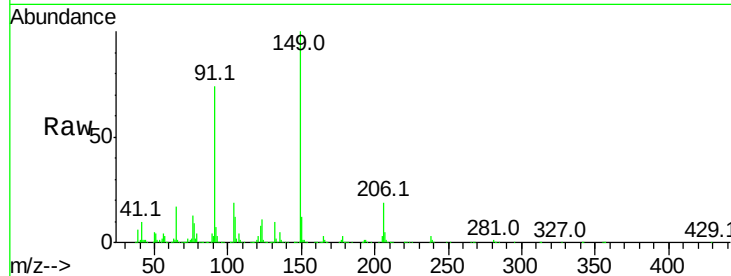
#79
Butylbenzylphthalate
Concen: 47.403 ng
RT: 20.88 min Scan# 2991
Delta R.T. -0.01 min
Lab File: BM015849.D
Acq: 09 Jul 2018 18:50

Instrument :
BNA_M
ClientSampleId :
AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.2	50.1	75.1
206	18.7	16.2	24.2

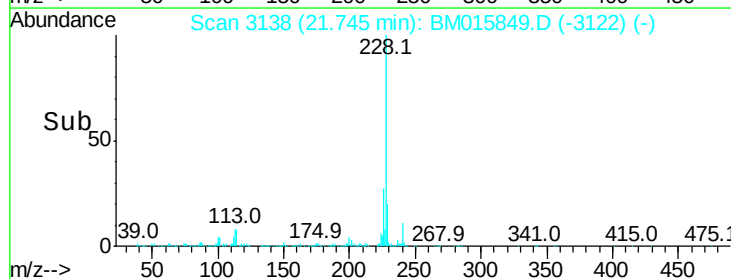
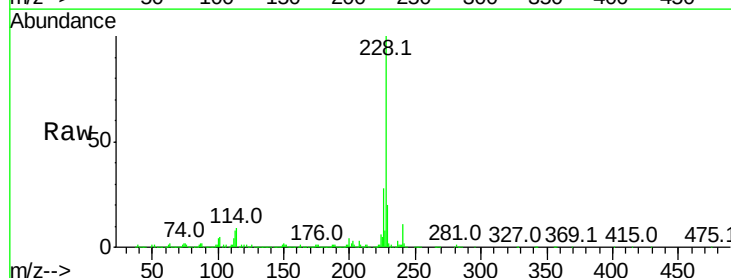
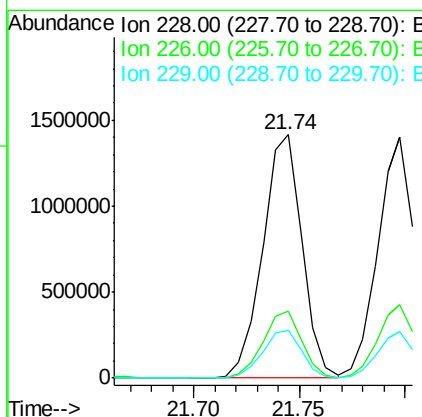
Manual Integrations
APPROVED

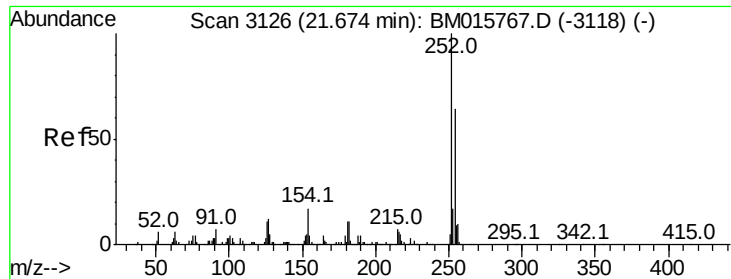
Sohil
7/10/2018 2:50:05 PM



#80
Benzo(a)anthracene
Concen: 46.276 ng
RT: 21.74 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BM015849.D
Acq: 09 Jul 2018 18:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.7	32.5
229	19.6	16.0	24.0





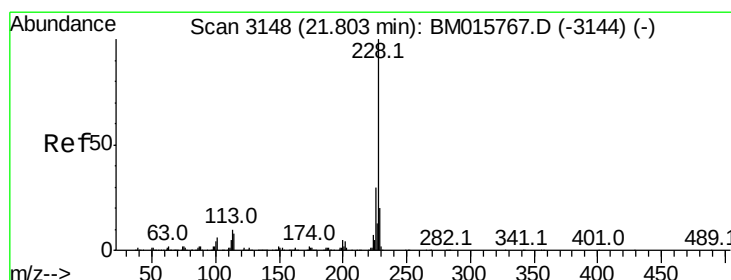
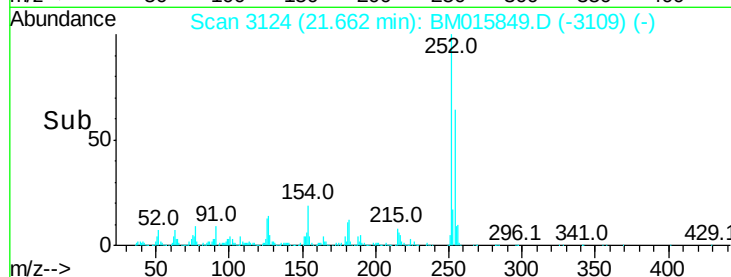
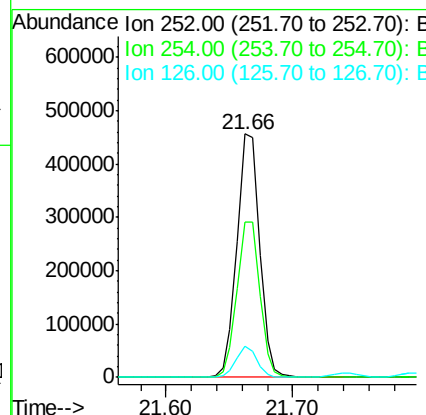
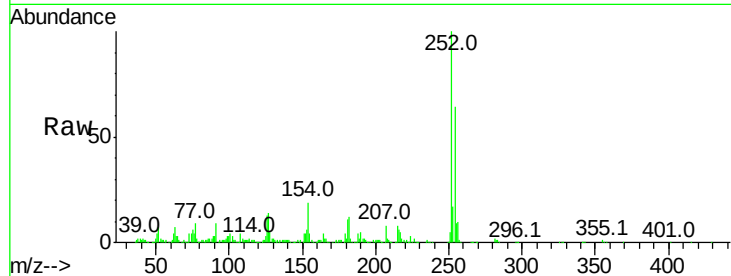
#81
 3,3'-Dichlorobenzidine
 Concen: 39.625 ng
 RT: 21.66 min Scan# 3124
 Delta R.T. -0.01 min
 Lab File: BM015849.D
 Acq: 09 Jul 2018 18:50

Instrument :
 BNA_M
 ClientSampleId :
 AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.9	77.9
126	13.0	9.8	14.8

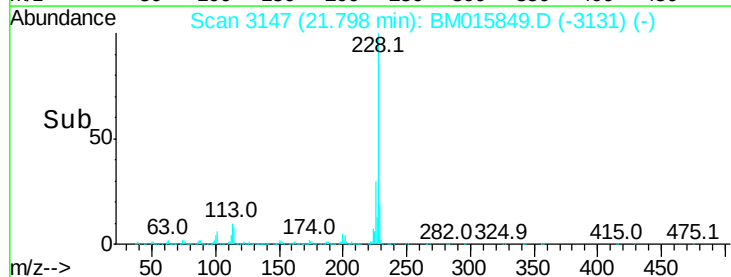
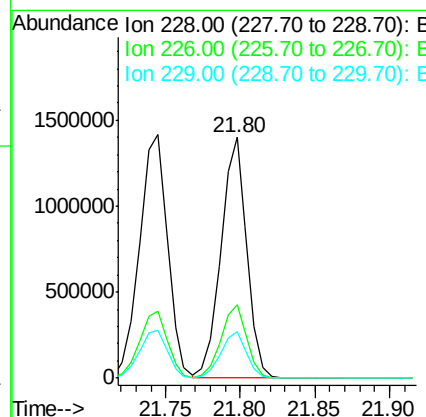
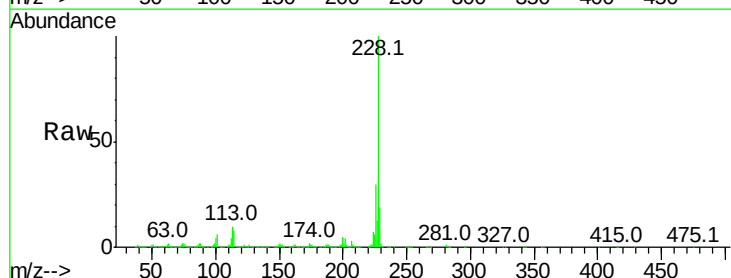
Manual Integrations
 APPROVED

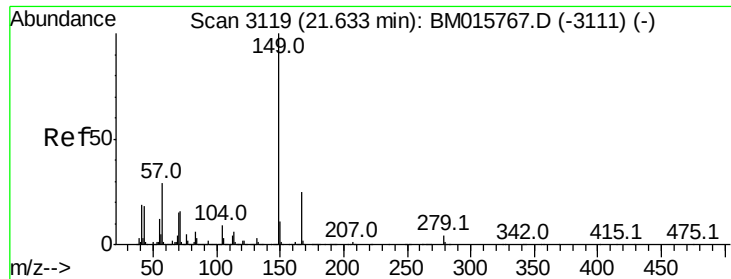
Sohil
 7/10/2018 2:50:05 PM



#82
 Chrysene
 Concen: 45.780 ng
 RT: 21.80 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BM015849.D
 Acq: 09 Jul 2018 18:50

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





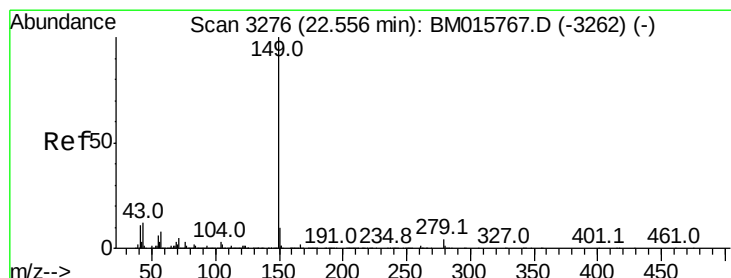
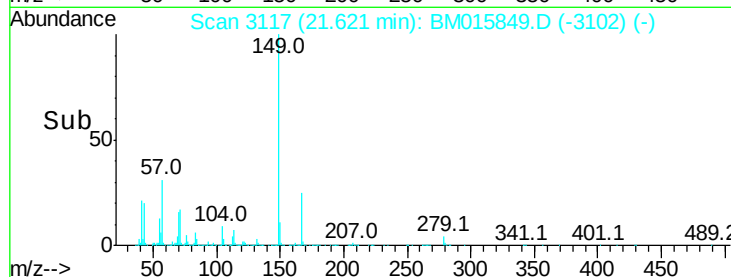
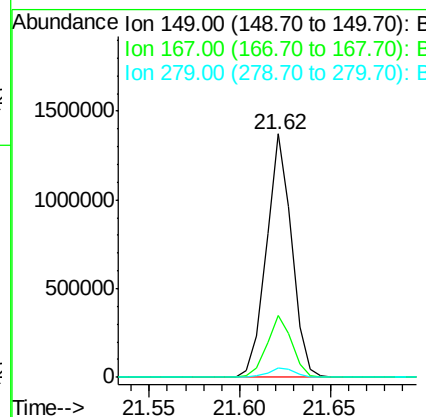
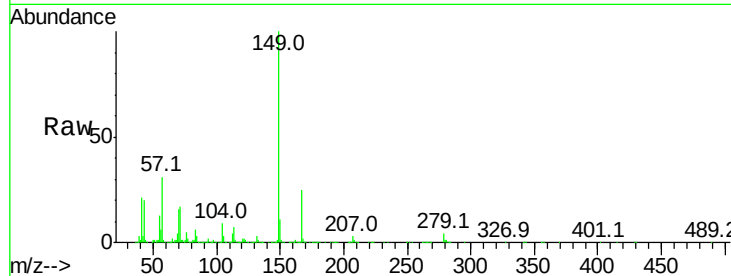
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.611 ng
 RT: 21.62 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BM015849.D
 Acq: 09 Jul 2018 18:50

Instrument :
 BNA_M
 ClientSampleId :
 AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.4	22.4	33.6
279	3.8	3.4	5.0

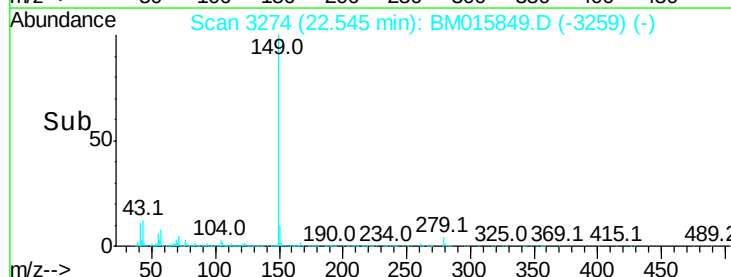
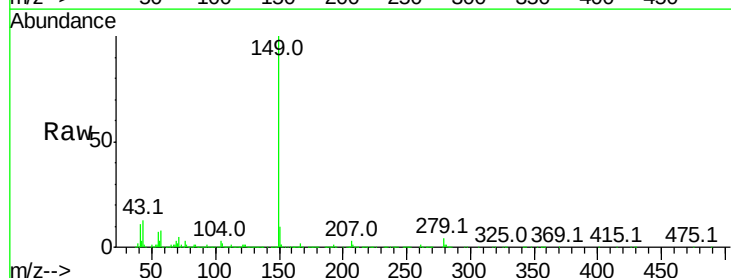
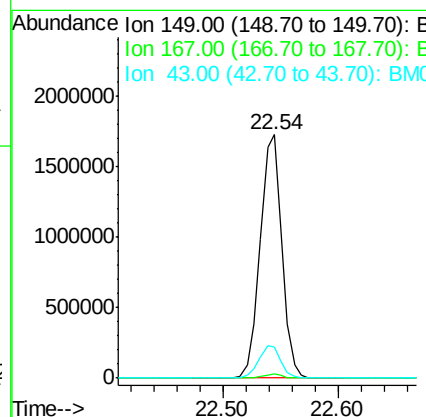
Manual Integrations
 APPROVED

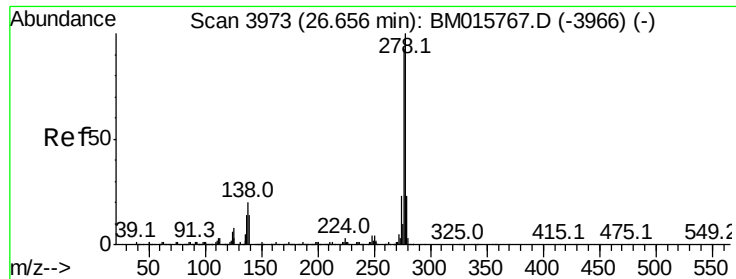
Sohil
 7/10/2018 2:50:05 PM



#84
 Di-n-octyl phthalate
 Concen: 49.894 ng
 RT: 22.54 min Scan# 3274
 Delta R.T. -0.01 min
 Lab File: BM015849.D
 Acq: 09 Jul 2018 18:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	13.5	7.3	10.9#





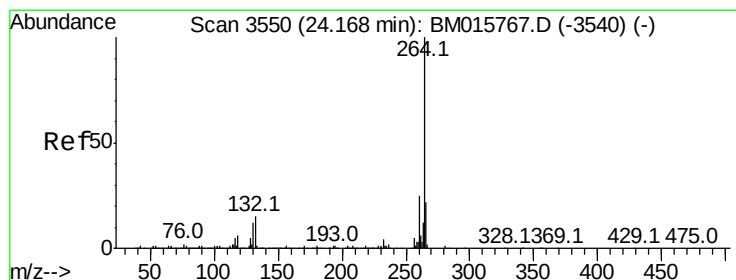
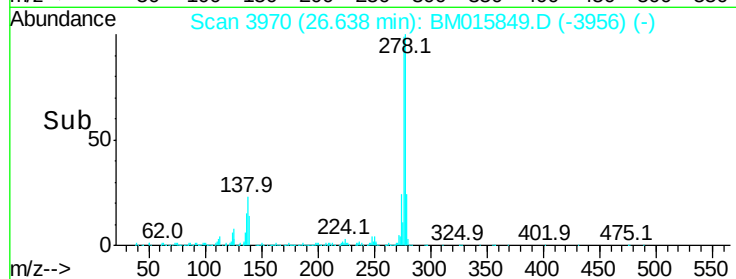
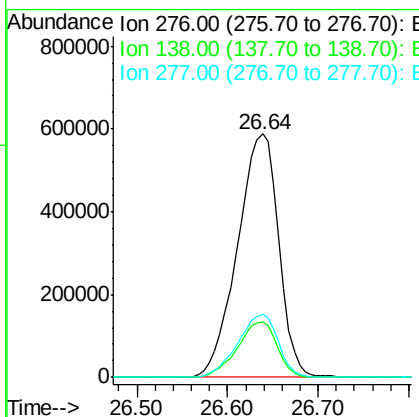
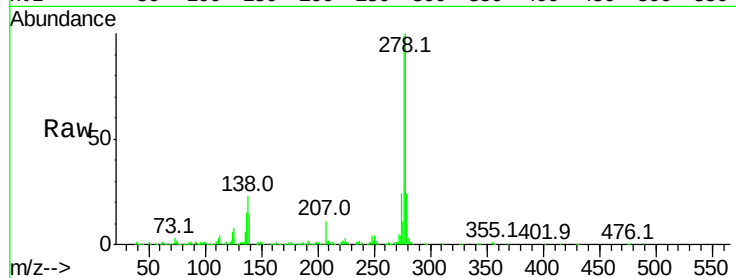
#85
Indeno(1,2,3-cd)pyrene
Concen: 53.751 ng
RT: 26.64 min Scan# 3970
Delta R.T. -0.02 min
Lab File: BM015849.D
Acq: 09 Jul 2018 18:50

Instrument :
BNA_M
ClientSampleId :
AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.2	12.0	18.0#
277	25.3	20.0	30.0

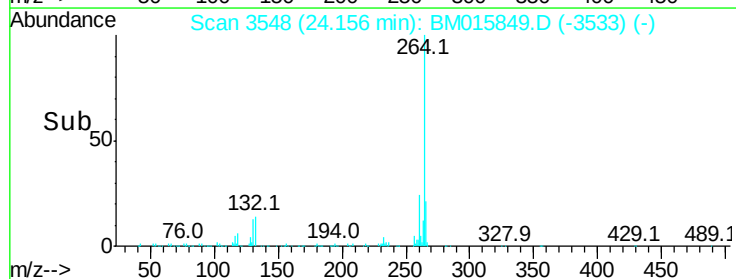
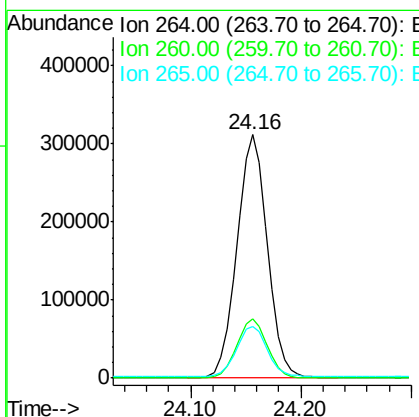
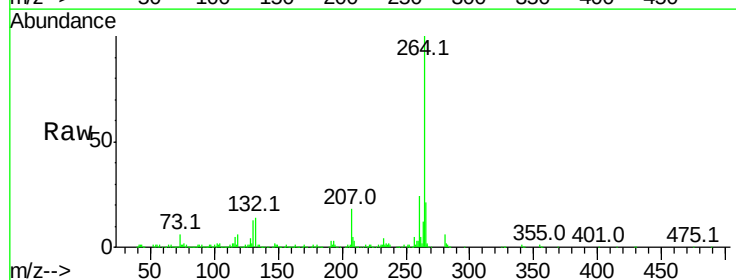
Manual Integrations
APPROVED

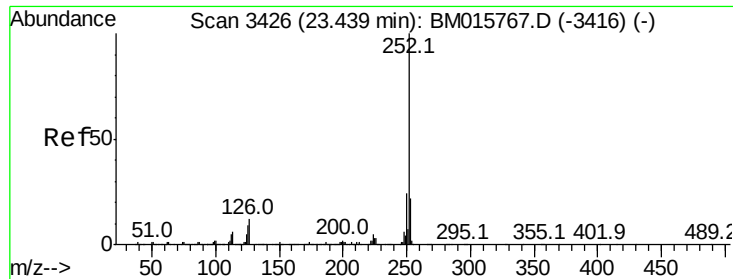
Sohil
7/10/2018 2:50:05 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.16 min Scan# 3548
Delta R.T. -0.01 min
Lab File: BM015849.D
Acq: 09 Jul 2018 18:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	27.8
265	21.4	17.3	25.9





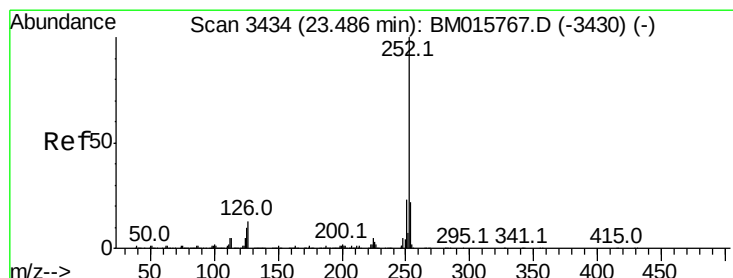
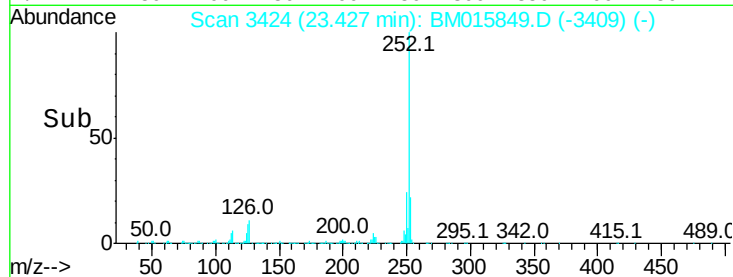
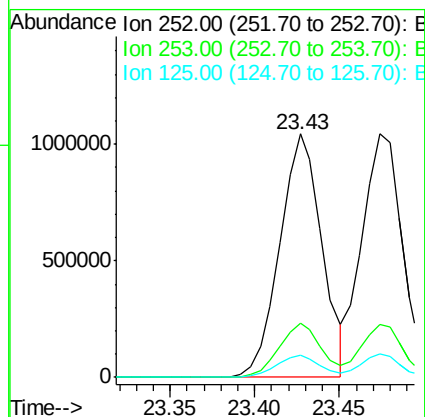
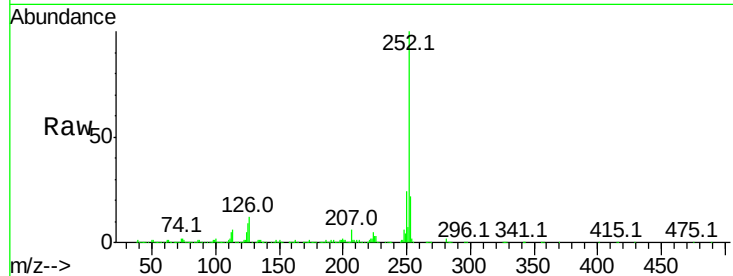
#87
Benzo(b)fluoranthene
Concen: 44.707 ng
RT: 23.43 min Scan# 3424
Delta R.T. -0.01 min
Lab File: BM015849.D
Acq: 09 Jul 2018 18:50

Instrument :
BNA_M
ClientSampleId :
AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	9.1	9.9	14.9

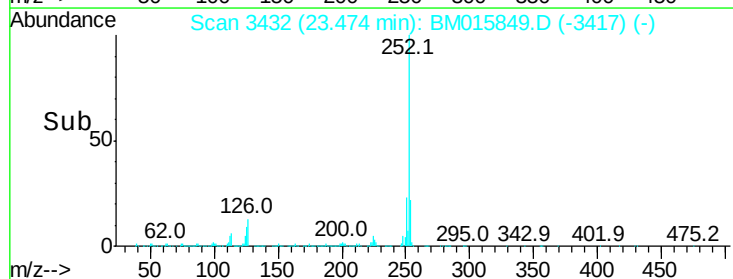
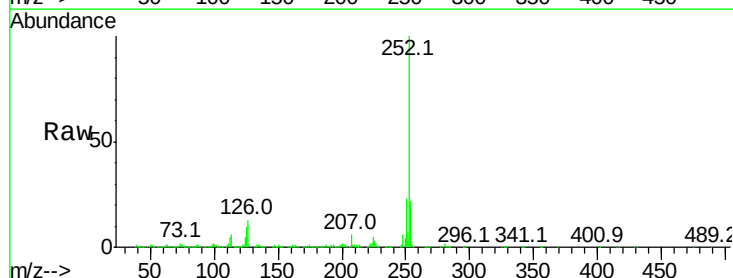
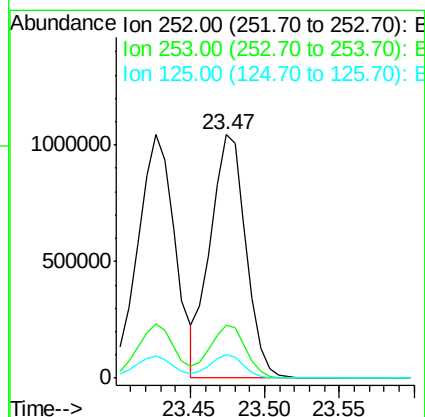
Manual Integrations
APPROVED

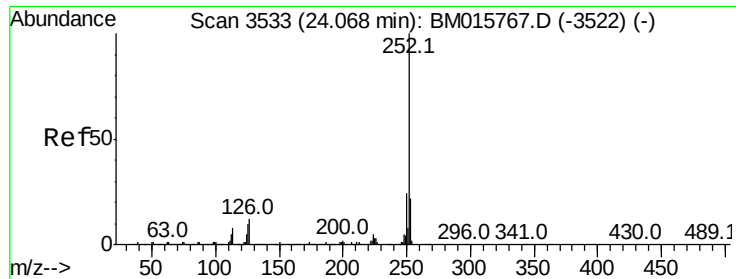
Sohil
7/10/2018 2:50:05 PM



#88
Benzo(k)fluoranthene
Concen: 44.221 ng
RT: 23.47 min Scan# 3432
Delta R.T. -0.01 min
Lab File: BM015849.D
Acq: 09 Jul 2018 18:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	9.5	8.1	12.1





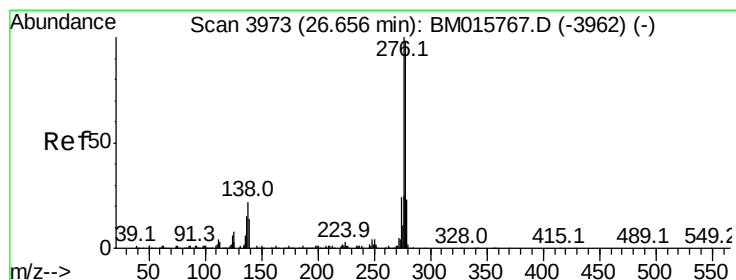
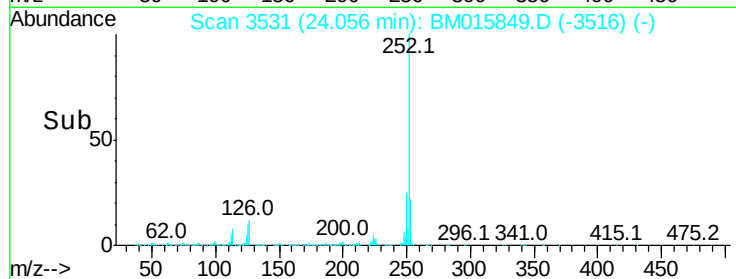
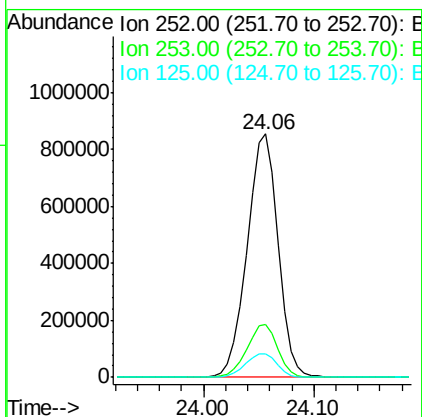
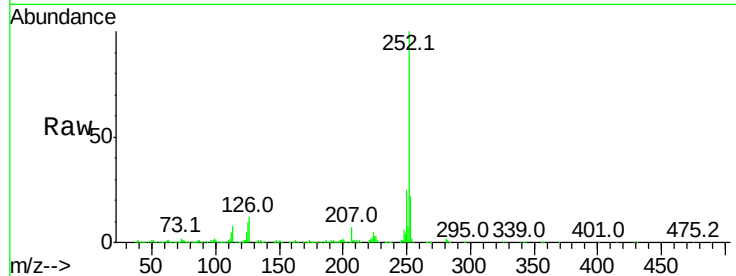
#89
Benzo(a)pyrene
Concen: 47.356 ng
RT: 24.06 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BM015849.D
Acq: 09 Jul 2018 18:50

Instrument :
BNA_M
ClientSampleId :
AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	9.9	7.4	11.2

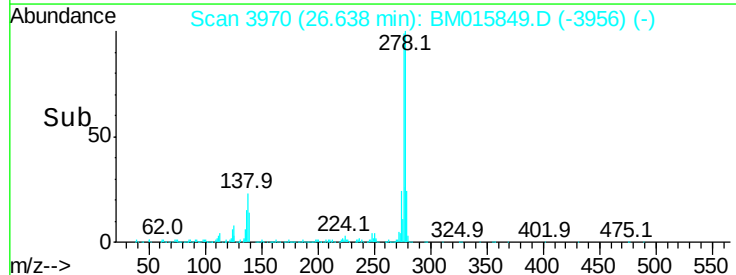
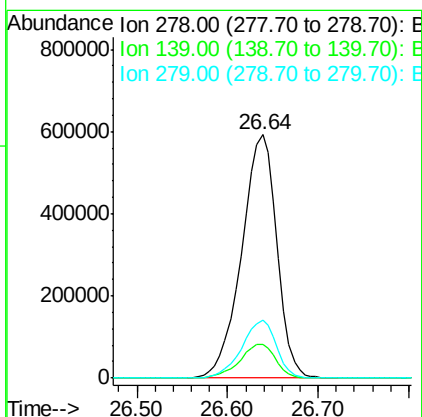
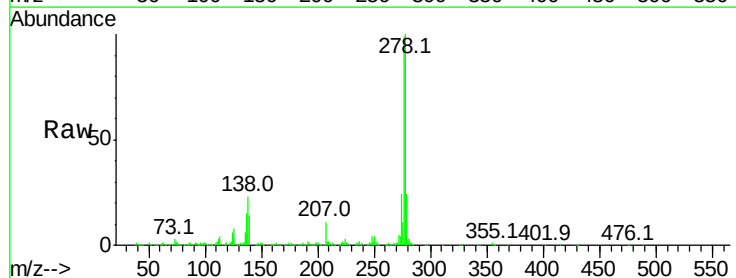
Manual Integrations
APPROVED

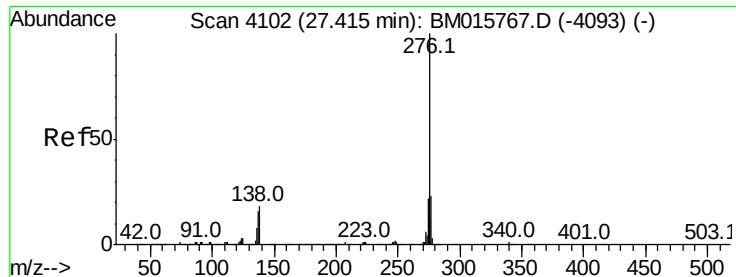
Sohil
7/10/2018 2:50:05 PM



#90
Dibenzo(a,h)anthracene
Concen: 49.698 ng
RT: 26.64 min Scan# 3970
Delta R.T. -0.02 min
Lab File: BM015849.D
Acq: 09 Jul 2018 18:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.0	13.4	20.0
279	23.9	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 49.660 ng
 RT: 27.40 min Scan# 4099
 Delta R.T. -0.02 min
 Lab File: BM015849.D
 Acq: 09 Jul 2018 18:50

Instrument :
 BNA_M
 ClientSampleId :
 AOC7-BTM-6-6.5MS

Tot Ion:	276	Resp:	1395461
Ion Ratio	Lower	Upper	
276	100		
277	24.2	18.5	27.7
138	19.2	19.0	28.6

Manual Integrations
 APPROVED

Sohil
 7/10/2018 2:50:05 PM

