

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070918\
 Data File : BM015850.D
 Acq On : 09 Jul 2018 19:27
 Operator : SJ/JU
 Sample : J3888-02MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 7/10/2018 2:50:07 PM

Quant Time: Jul 10 02:28:05 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	89781	20.00	ng	-0.02
21) Naphthalene-d8	11.13	136	391530	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	234081	20.00	ng	-0.01
63) Phenanthrene-d10	17.64	188	536943	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	618068	20.00	ng	-0.01
86) Perylene-d12	24.16	264	586504	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.80	112	868646	165.93	ng	-0.01
7) Phenol-d6	7.46	99	1176388	164.14	ng	0.00
23) Nitrobenzene-d5	9.49	82	792759	98.79	ng	-0.01
41) 2,4,6-Tribromophenol	16.40	330	525304	171.75	ng	-0.01
44) 2-Fluorobiphenyl	13.55	172	1604924	85.12	ng	-0.01
78) Terphenyl-d14	20.21	244	2909518	87.32	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	73423	33.912	ng	# 100
3) Pyridine	4.00	79	194987	34.128	ng	# 81
4) n-Nitrosodimethylamine	3.91	42	187397	42.124	ng	# 44
6) Aniline	7.62	93	335070	38.562	ng	92
8) 2-Chlorophenol	7.86	128	311448	49.569	ng	96
9) Benzaldehyde	7.43	77	127398	28.203	ng	89
10) Phenol	7.48	94	386459	53.664	ng	93
11) bis(2-Chloroethyl)ether	7.72	93	253263	43.233	ng	89
12) 1,3-Dichlorobenzene	8.19	146	299751	43.029	ng	# 92
13) 1,4-Dichlorobenzene	8.33	146	307922	42.744	ng	# 94
14) 1,2-Dichlorobenzene	8.66	146	299547	42.996	ng	# 95
15) Benzyl Alcohol	8.55	79	289153	46.472	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.83	45	399575	62.455	ng	98
17) 2-Methylphenol	8.75	107	250911	50.291	ng	# 86
18) Hexachloroethane	9.39	117	124269	43.626	ng	96
19) n-Nitroso-di-n-propylamine	9.12	70	244267	42.408	ng	# 77
20) 3+4-Methylphenols	9.08	107	342358	49.401	ng	89
22) Acetophenone	9.15	105	453151	44.429	ng	# 86
24) Nitrobenzene	9.53	77	373706	47.842	ng	98
25) Isophorone	10.05	82	637944	52.085	ng	# 94
26) 2-Nitrophenol	10.25	139	163659	48.656	ng	# 61
27) 2,4-Dimethylphenol	10.29	122	289047	56.567	ng	88
28) bis(2-Chloroethoxy)methane	10.53	93	366829	45.970	ng	98
29) 2,4-Dichlorophenol	10.77	162	294434	52.026	ng	94
30) 1,2,4-Trichlorobenzene	10.99	180	297748	45.297	ng	96
31) Naphthalene	11.18	128	922807	45.460	ng	99
32) Benzoic acid	10.41	122	35057m	7.749	ng	
33) 4-Chloroaniline	11.29	127	316036	38.186	ng	# 88
34) Hexachlorobutadiene	11.44	225	189027	43.089	ng	98
35) Caprolactam	12.10	113	91999m	49.017	ng	
36) 4-Chloro-3-methylphenol	12.40	107	338080	52.064	ng	89
37) 2-Methylnaphthalene	12.77	142	714867	49.505	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	13.13	216	340354	45.302	ng	# 100
40) Hexachlorocyclopentadiene	13.09	237	304984	86.117	ng	98

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 BNA_M
 ClientSampleId :
 AOC7-BTM-6-6.5MSD

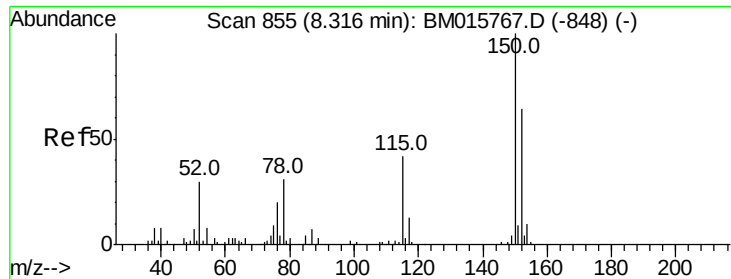
Manual Integrations
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 7/10/2018 2:50:07 PM

Quant Time: Jul 10 02:28:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
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 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	238670	50.256	ng	97
43) 2,4,5-Trichlorophenol	13.44	196	254754	49.658	ng #	85
45) 1,1'-Biphenyl	13.76	154	912781	45.101	ng	99
46) 2-Chloronaphthalene	13.81	162	709191	46.867	ng #	92
47) 2-Nitroaniline	14.02	65	261865	49.625	ng #	80
48) Acenaphthylene	14.65	152	1171592	47.595	ng	100
49) Dimethylphthalate	14.37	163	1203651	58.304	ng	100
50) 2,6-Dinitrotoluene	14.51	165	201251	49.998	ng #	72
51) Acenaphthene	14.99	154	668062	43.614	ng	97
52) 3-Nitroaniline	14.84	138	179910	40.835	ng #	74
53) 2,4-Dinitrophenol	15.06	184	125003	63.627	ng	88
54) Dibenzofuran	15.32	168	1092713	46.296	ng #	86
55) 4-Nitrophenol	15.14	139	352748	108.486	ng #	69
56) 2,4-Dinitrotoluene	15.29	165	289084	49.746	ng	98
57) Fluorene	15.96	166	902402	46.363	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.54	232	227039	52.446	ng #	100
59) Diethylphthalate	15.72	149	1019360	46.077	ng	96
60) 4-Chlorophenyl-phenylether	15.94	204	440420	43.974	ng	90
61) 4-Nitroaniline	16.00	138	207817	45.469	ng #	40
62) Azobenzene	16.24	77	1053528	50.803	ng	81
64) 4,6-Dinitro-2-methylphenol	16.06	198	137154	42.018	ng	87
65) n-Nitrosodiphenylamine	16.16	169	783566	42.589	ng	98
66) 4-Bromophenyl-phenylether	16.83	248	265522	44.290	ng #	83
67) Hexachlorobenzene	16.96	284	296597	44.274	ng #	79
68) Atrazine	17.10	200	295867	48.890	ng	99
69) Pentachlorophenol	17.30	266	353988	85.395	ng	98
70) Phenanthrene	17.69	178	1392649	45.335	ng	99
71) Anthracene	17.78	178	1425283	47.246	ng	98
72) Carbazole	18.05	167	1337316	47.571	ng	98
73) Di-n-butylphthalate	18.57	149	1755530	46.332	ng #	97
74) Fluoranthene	19.67	202	1640749	46.461	ng	98
76) Benzidine	19.84	184	1064480	58.783	ng	99
77) Pyrene	20.03	202	1677223	43.563	ng	99
79) Butylbenzylphthalate	20.87	149	875644	47.051	ng #	82
80) Benzo(a)anthracene	21.74	228	1803582	46.025	ng	99
81) 3,3'-Dichlorobenzidine	21.66	252	563552	40.026	ng	99
82) Chrysene	21.80	228	1658353	45.428	ng	99
83) Bis(2-ethylhexyl)phthalate	21.62	149	1298325	47.215	ng	95
84) Di-n-octyl phthalate	22.54	149	2226365	49.653	ng #	90
85) Indeno(1,2,3-cd)pyrene	26.64	276	1841738	54.303	ng #	93
87) Benzo(b)fluoranthene	23.43	252	1777270	45.388	ng #	96
88) Benzo(k)fluoranthene	23.47	252	1704880	44.820	ng	99
89) Benzo(a)pyrene	24.06	252	1663281	48.254	ng	99
90) Dibenzo(a,h)anthracene	26.64	278	1584985	51.107	ng	97
91) Benzo(g,h,i)perylene	27.40	276	1401236	51.423	ng #	94

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



#1

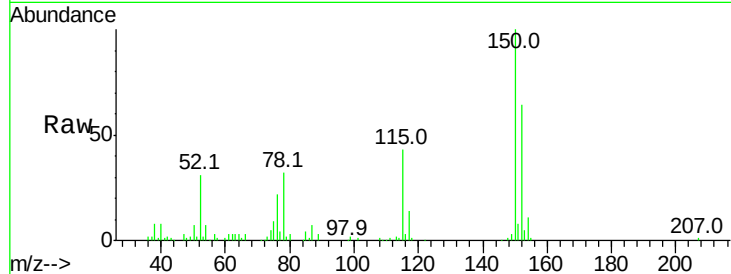
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 852
Delta R.T. -0.02 min
Lab File: BM015850.D
Acq: 09 Jul 2018 19:27

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	119.5	179.3
115	66.2	43.0	64.4

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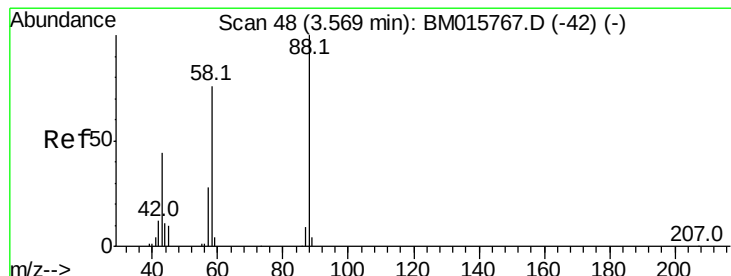
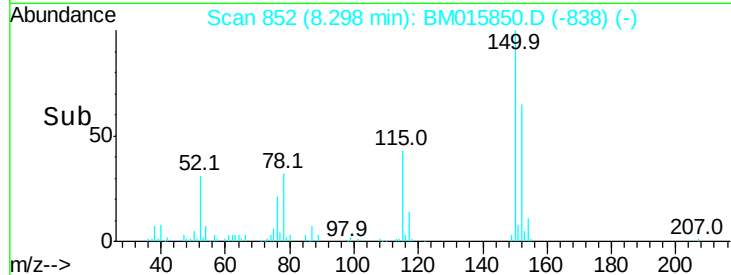
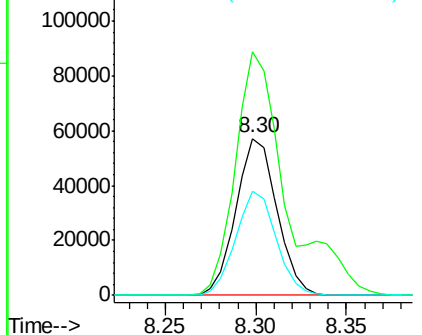


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

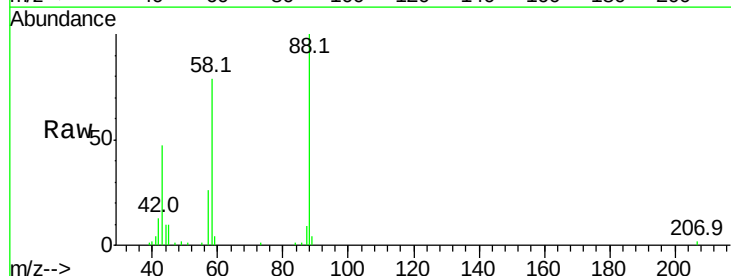
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.912 ng
RT: 3.55 min Scan# 45
Delta R.T. -0.02 min
Lab File: BM015850.D
Acq: 09 Jul 2018 19:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.2	0.0	0.0
43	44.5	0.0	0.0

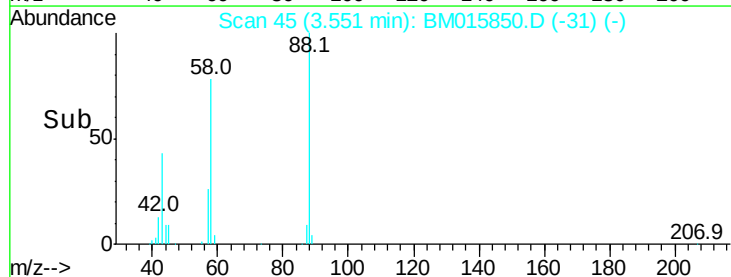
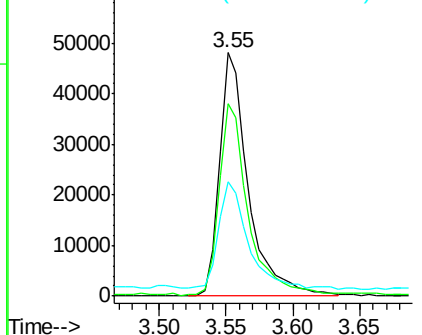


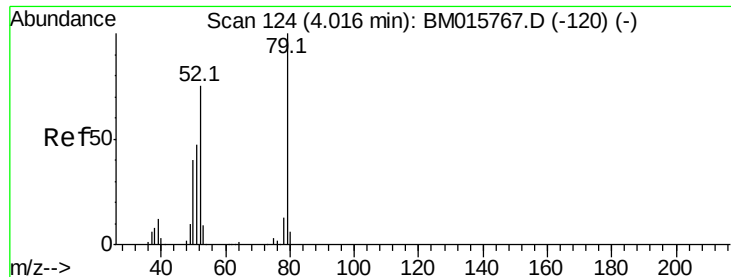
Abundance

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: 34.128 ng

RT: 4.00 min Scan# 121

Delta R.T. -0.02 min

Lab File: BM015850.D

Acq: 09 Jul 2018 19:27

Instrument :

BNA_M

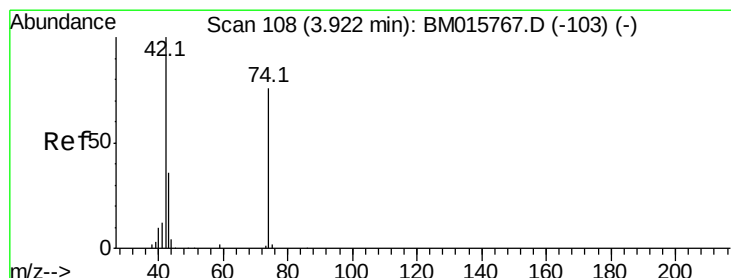
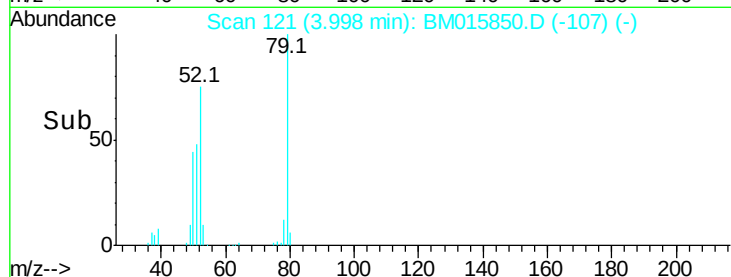
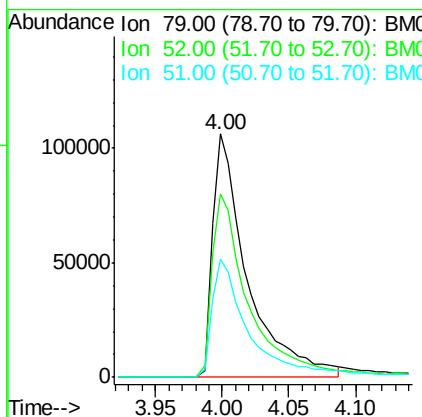
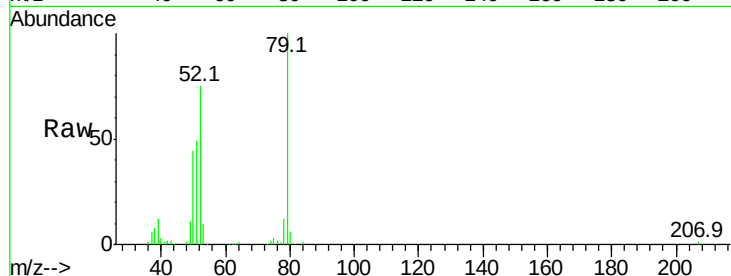
ClientSampleId :

AOC7-BTM-6-6.5MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		194987		
52	75.1	51.1	76.7		
51	48.6	26.1	39.1#		

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#4

n-Nitrosodimethylamine

Concen: 42.124 ng

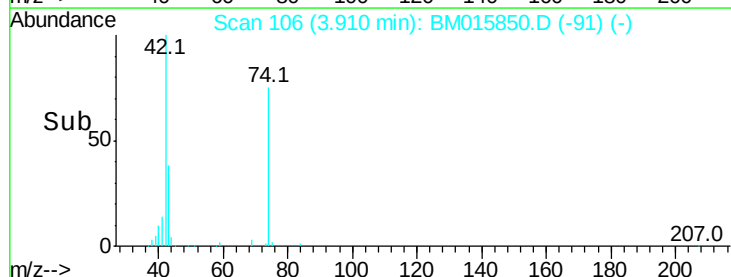
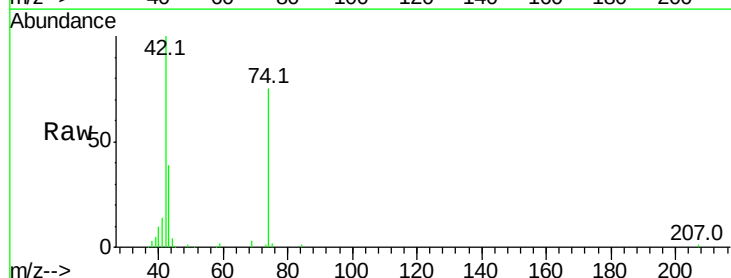
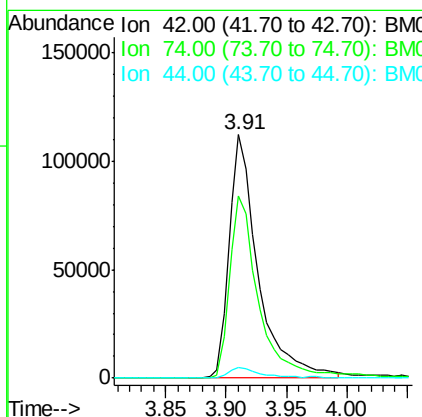
RT: 3.91 min Scan# 106

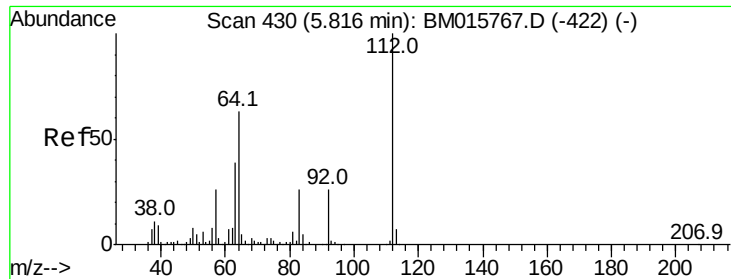
Delta R.T. -0.01 min

Lab File: BM015850.D

Acq: 09 Jul 2018 19:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		187397		
74	75.0	119.3	178.9#		
44	4.4	5.4	8.2#		





#5

2-Fluorophenol

Concen: 42.124 ng

RT: 5.80 min Scan# 428

Delta R.T. -0.01 min

Lab File: BM015850.D

Acq: 09 Jul 2018 19:27

Instrument :

BNA_M

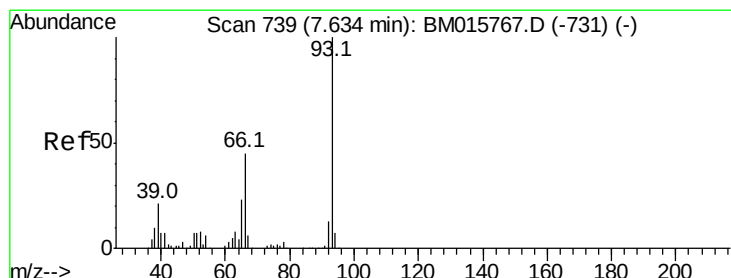
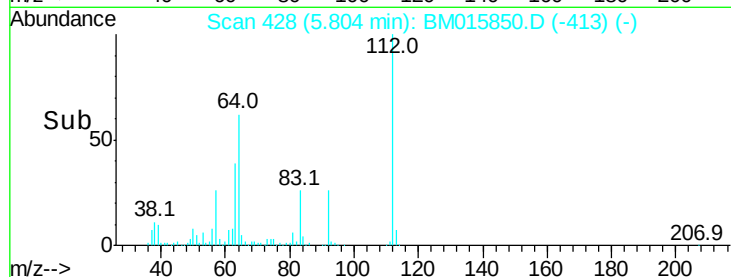
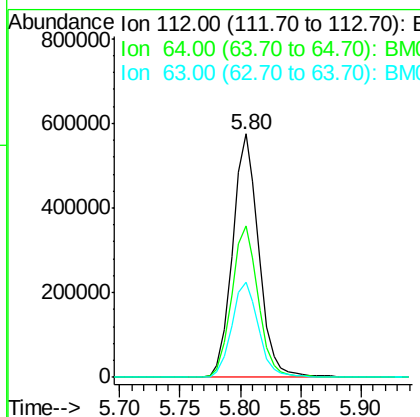
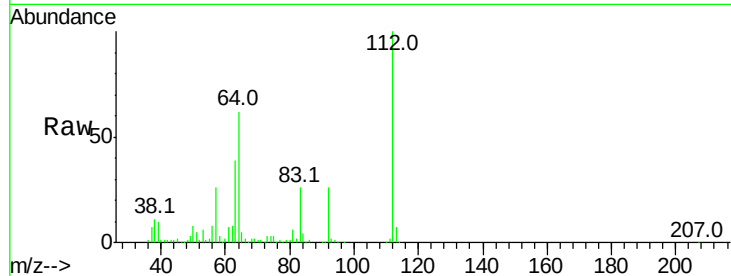
ClientSampleId :

AOC7-BTM-6-6.5MSD

Tot Ion:	112	Resp:	868646
Ion Ratio	Lower	Upper	
112	100		
64	62.2	38.6	57.8#
63	39.3	19.3	28.9#

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#6

Aniline

Concen: 38.562 ng

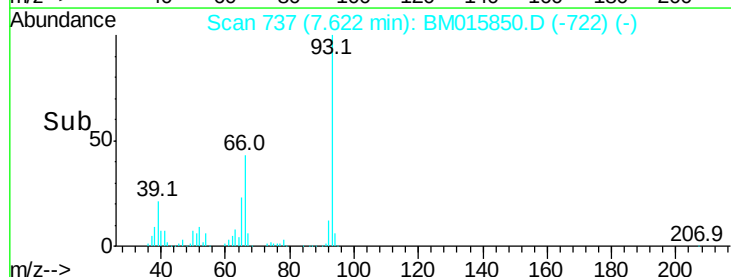
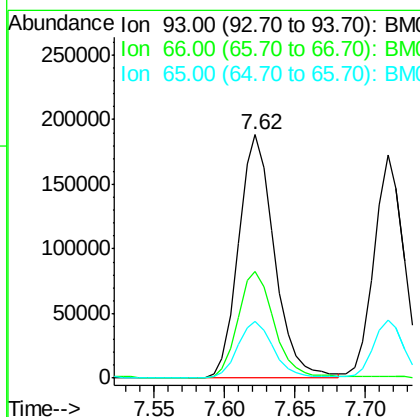
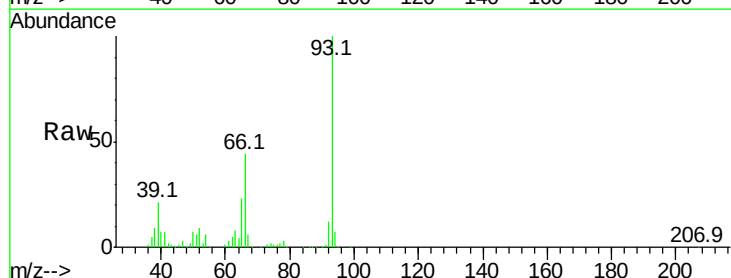
RT: 7.62 min Scan# 737

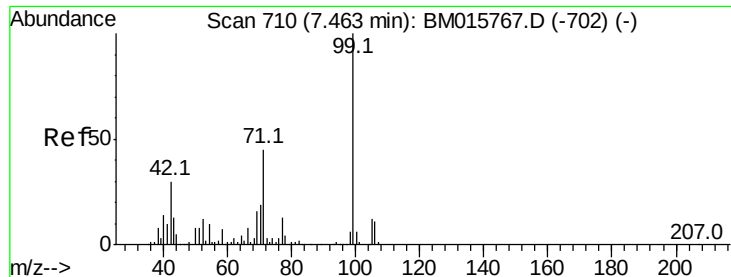
Delta R.T. -0.01 min

Lab File: BM015850.D

Acq: 09 Jul 2018 19:27

Tgt Ion:	93	Resp:	335070
Ion Ratio	Lower	Upper	
93	100		
66	43.6	30.8	46.2
65	23.3	16.0	24.0





#7

Phenol-d6

Concen: 38.562 ng

RT: 7.46 min Scan# 709

Delta R.T. -0.01 min

Lab File: BM015850.D

Acq: 09 Jul 2018 19:27

Instrument :

BNA_M

ClientSampleId :

AOC7-BTM-6-6.5MSD

Tot Ion: 99 Resp: 1176388

Ion Ratio Lower Upper

99 100

42 30.0 11.0 16.4#

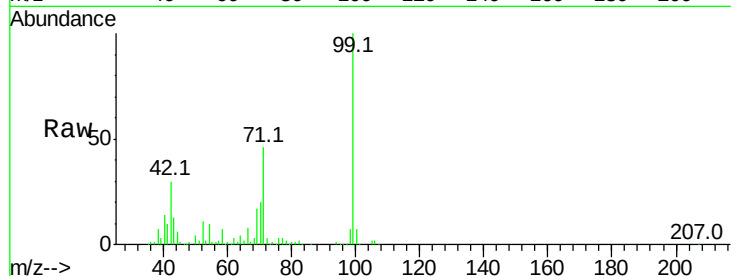
71 45.8 23.4 35.2#

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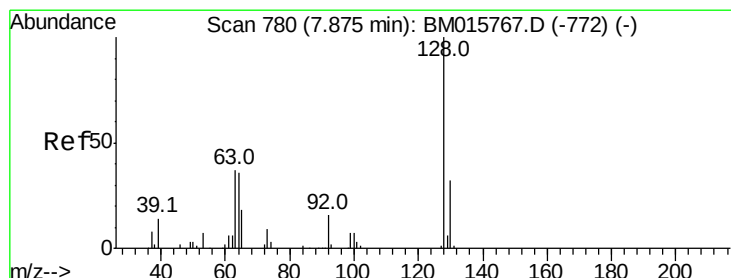
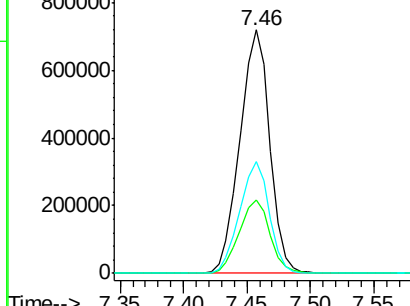
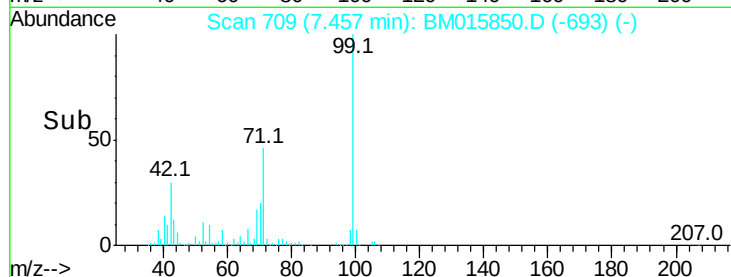
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Abundance Ion 99.00 (98.70 to 99.70): BM015850.D (-693) (-)

Ion 42.00 (41.70 to 42.70): BM015850.D (-693) (-)

Ion 71.00 (70.70 to 71.70): BM015850.D (-693) (-)



#8

2-Chlorophenol

Concen: 49.569 ng

RT: 7.86 min Scan# 777

Delta R.T. -0.02 min

Lab File: BM015850.D

Acq: 09 Jul 2018 19:27

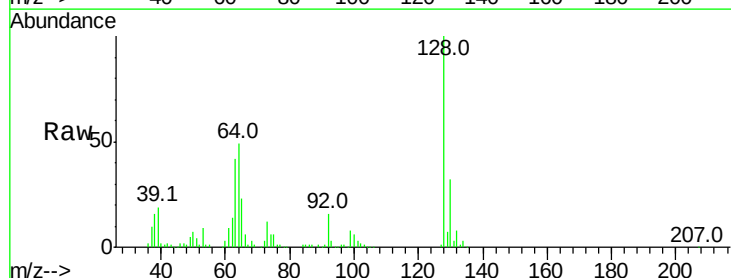
Tgt Ion: 128 Resp: 311448

Ion Ratio Lower Upper

128 100

130 31.6 12.0 52.0

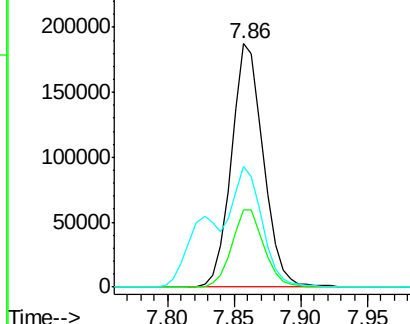
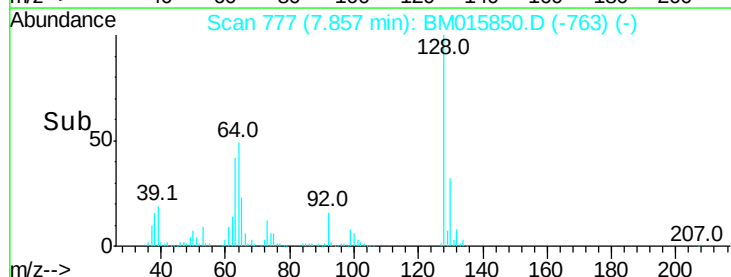
64 49.4 24.9 64.9

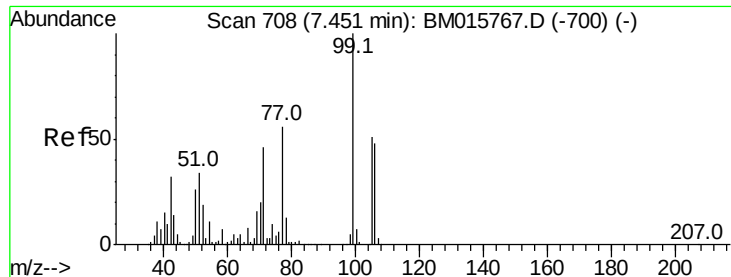


Abundance Ion 128.00 (127.70 to 128.70): BM015850.D (-763) (-)

Ion 130.00 (129.70 to 130.70): BM015850.D (-763) (-)

Ion 64.00 (63.70 to 64.70): BM015850.D (-763) (-)





#9

Benzaldehyde

Concen: 28.203 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.02 min

Lab File: BM015850.D

Acq: 09 Jul 2018 19:27

Instrument :

BNA_M

ClientSampleId :

AOC7-BTM-6-6.5MSD

Tot Ion: 77 Resp: 127398

Ion Ratio Lower Upper

77 100

105 88.3 78.8 118.8

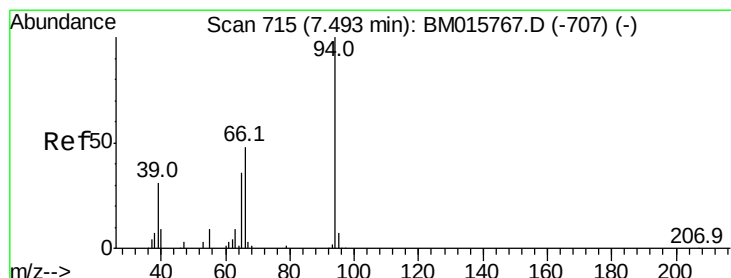
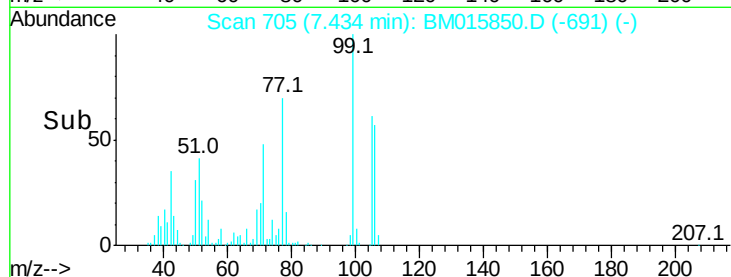
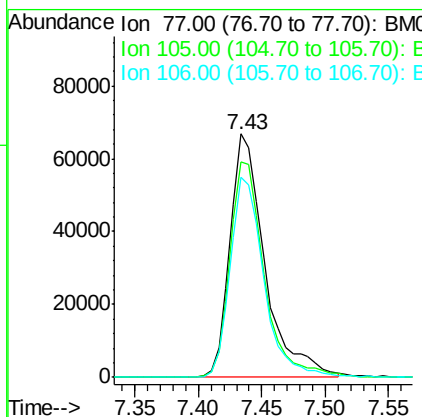
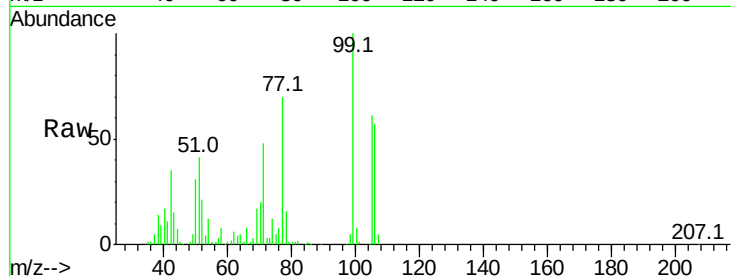
106 82.4 73.7 113.7

Manual Integrations

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#10

Phenol

Concen: 53.664 ng

RT: 7.48 min Scan# 713

Delta R.T. -0.01 min

Lab File: BM015850.D

Acq: 09 Jul 2018 19:27

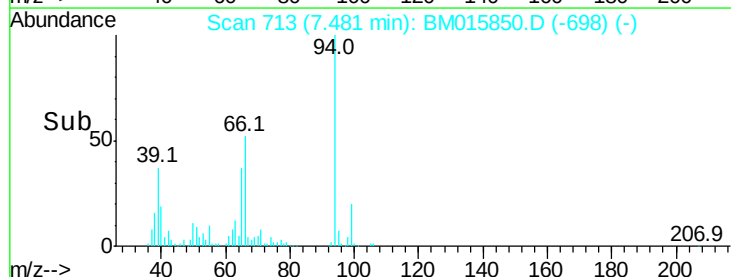
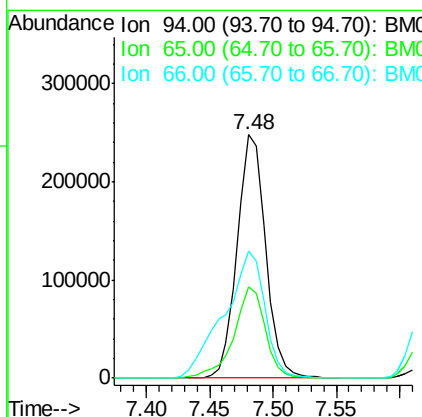
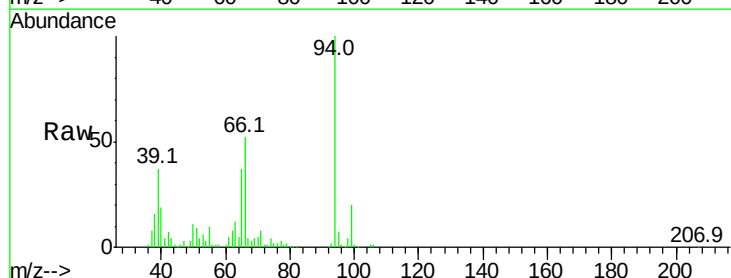
Tgt Ion: 94 Resp: 386459

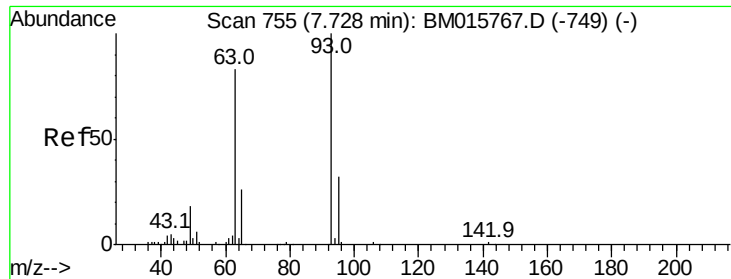
Ion Ratio Lower Upper

94 100

65 37.4 18.8 58.8

66 52.1 39.9 79.9





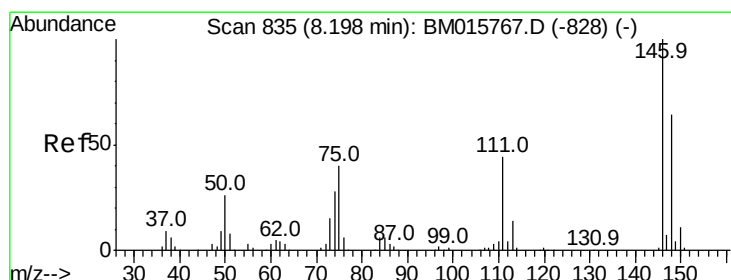
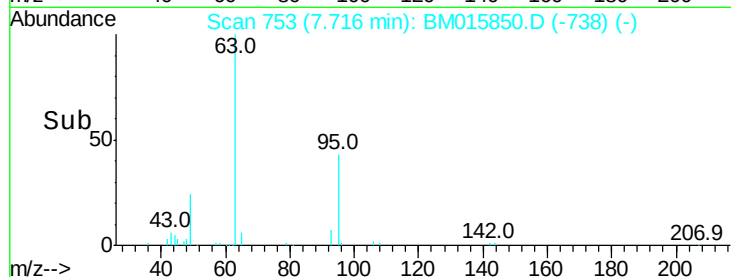
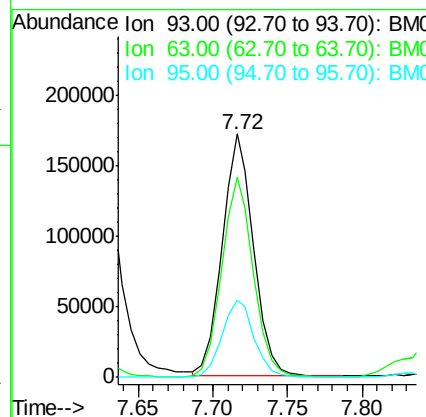
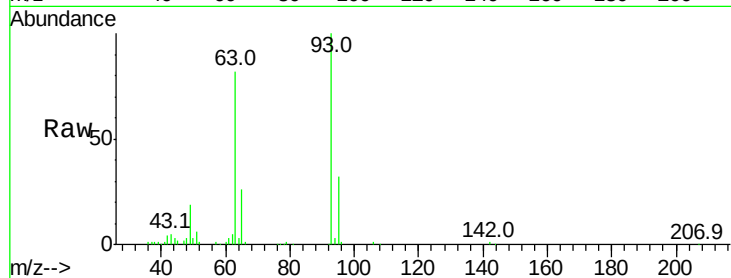
#11
bis(2-Chloroethyl)ether
Concen: 43.233 ng
RT: 7.72 min Scan# 753
Delta R.T. -0.01 min
Lab File: BM015850.D
Acq: 09 Jul 2018 19:27

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.2	49.5	89.5
95	31.8	13.5	53.5

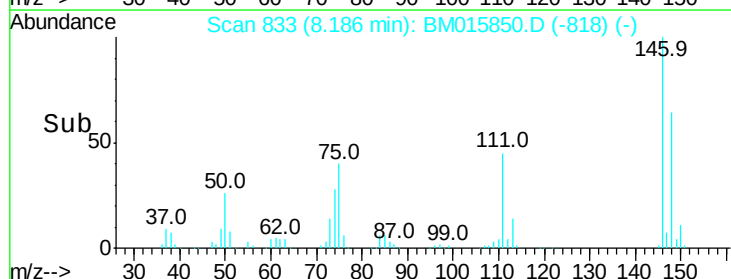
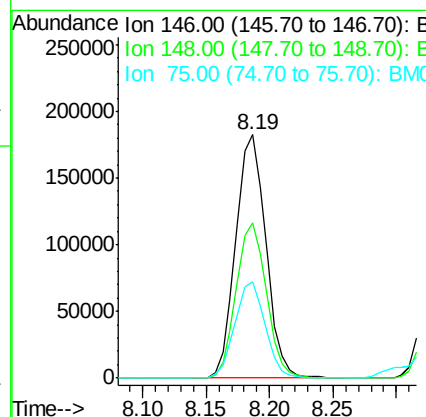
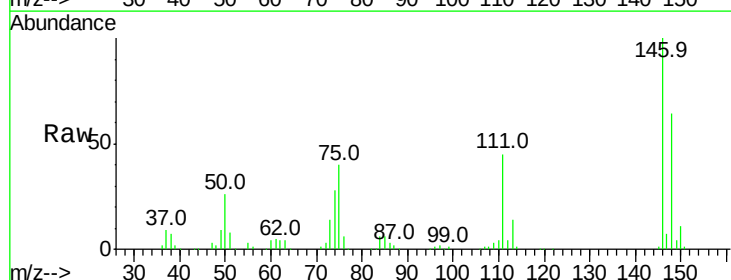
Manual Integrations
APPROVED

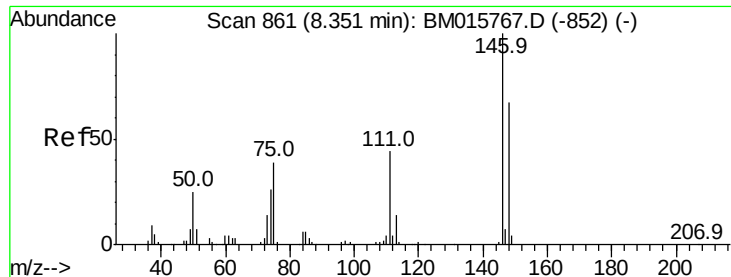
Sohil
7/10/2018 2:50:07 PM



#12
1,3-Dichlorobenzene
Concen: 43.029 ng
RT: 8.19 min Scan# 833
Delta R.T. -0.01 min
Lab File: BM015850.D
Acq: 09 Jul 2018 19:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.9	76.3
75	39.8	21.4	32.2





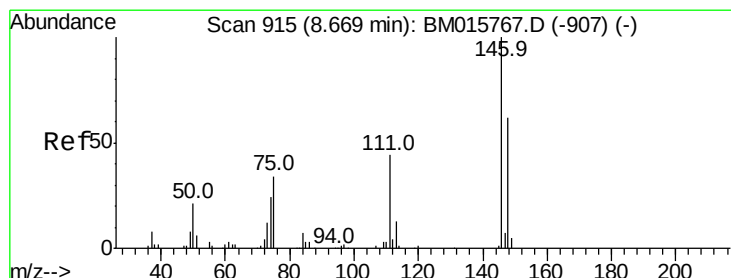
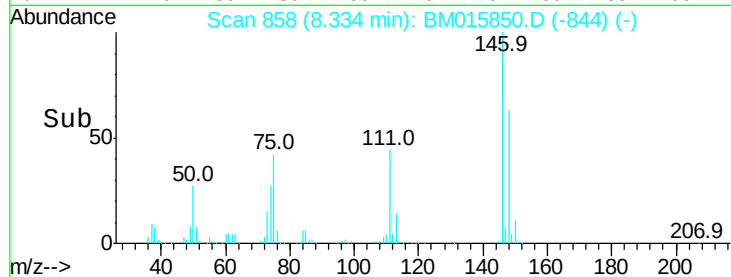
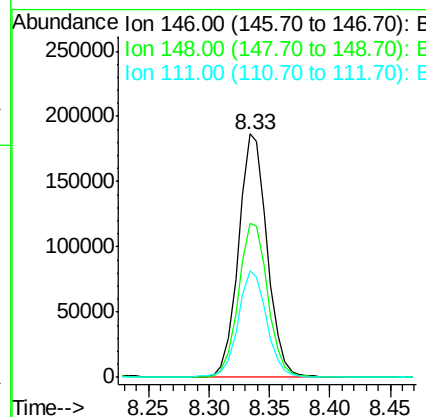
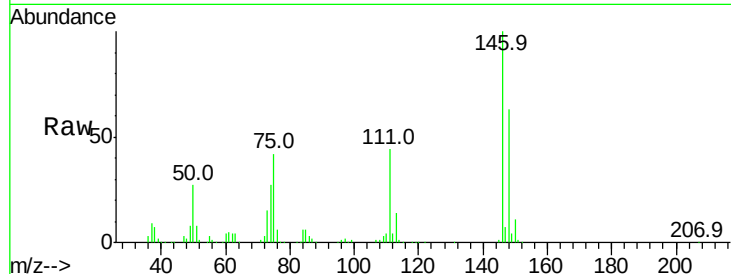
#13
1,4-Dichlorobenzene
Concen: 42.744 ng
RT: 8.33 min Scan# 858
Delta R.T. -0.02 min
Lab File: BM015850.D
Acq: 09 Jul 2018 19:27

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.9	77.9
111	44.1	29.2	43.8

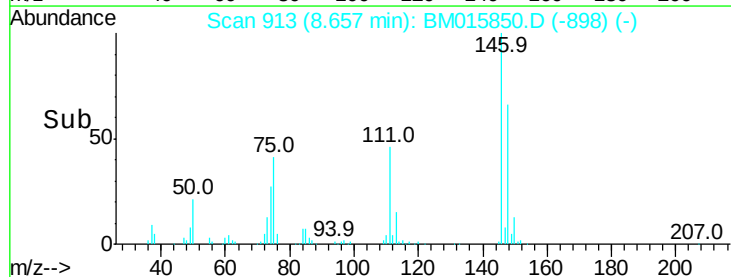
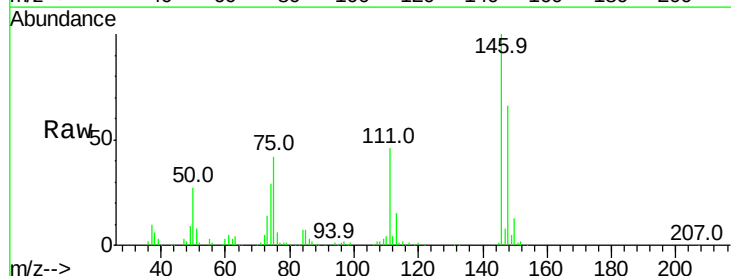
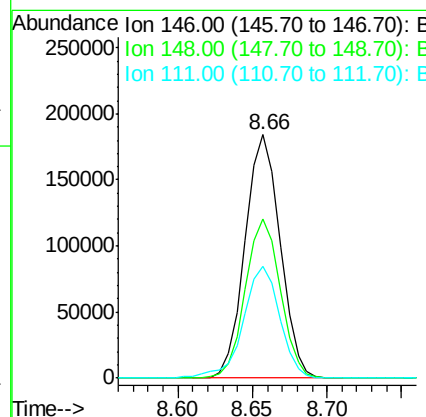
Manual Integrations
APPROVED

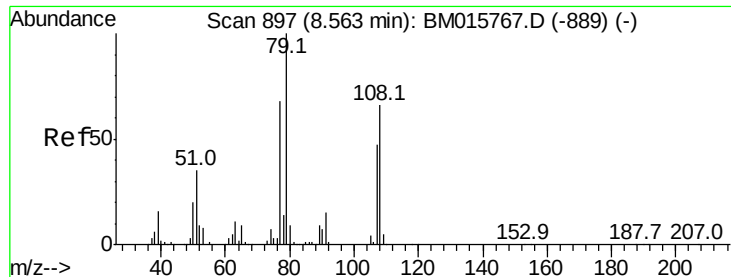
Sohil
7/10/2018 2:50:07 PM



#14
1,2-Dichlorobenzene
Concen: 42.996 ng
RT: 8.66 min Scan# 913
Delta R.T. -0.01 min
Lab File: BM015850.D
Acq: 09 Jul 2018 19:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.3	78.5
111	45.9	30.6	45.8





#15

Benzyl Alcohol

Concen: 46.472 ng

RT: 8.55 min Scan# 895

Delta R.T. -0.01 min

Lab File: BM015850.D

Acq: 09 Jul 2018 19:27

Instrument :

BNA_M

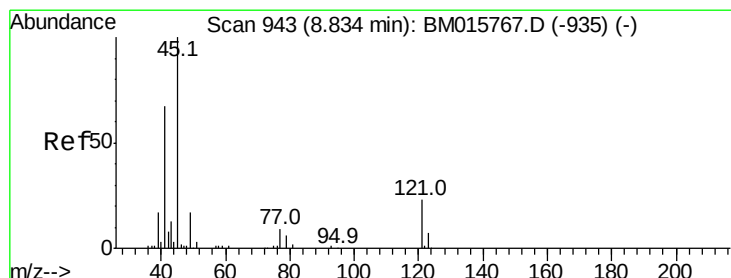
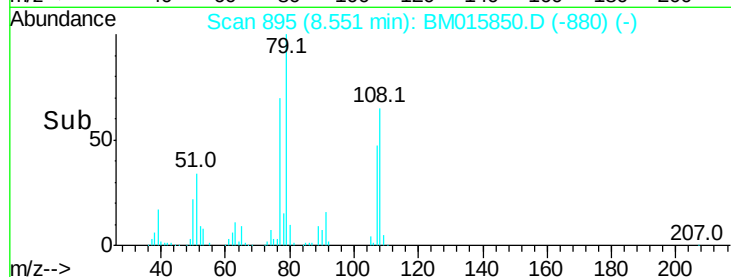
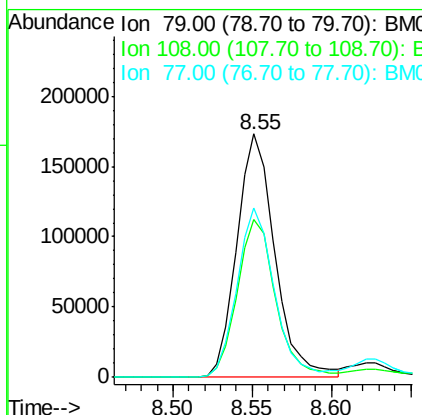
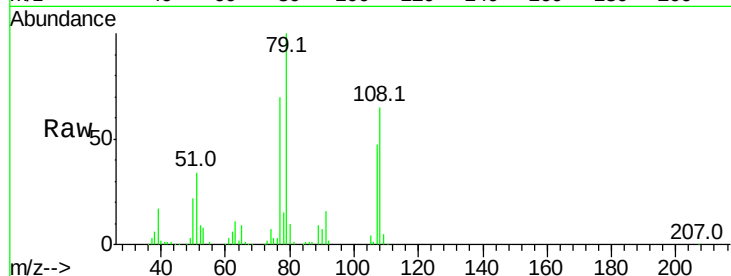
ClientSampleId :

AOC7-BTM-6-6.5MSD

Tot Ion:	79	Resp:	289153
Ion Ratio	Lower	Upper	
79	100		
108	65.1	65.0	97.4
77	69.5	53.0	79.6

Manual Integrations
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7/10/2018 2:50:07 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 62.455 ng

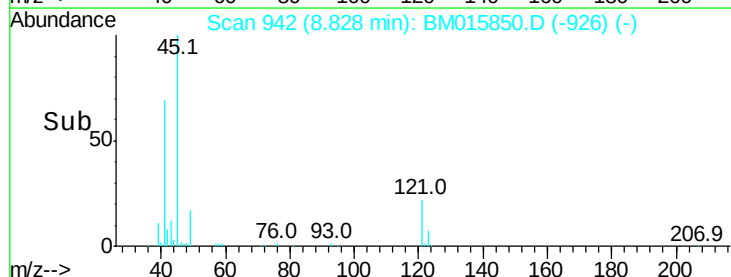
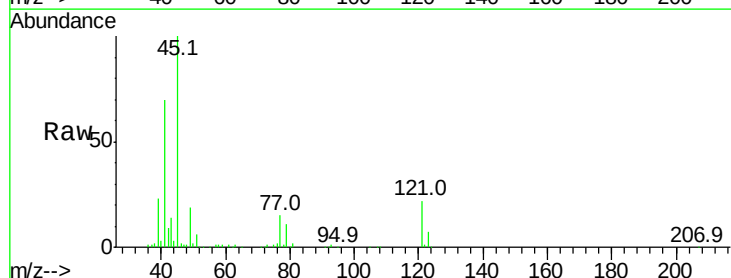
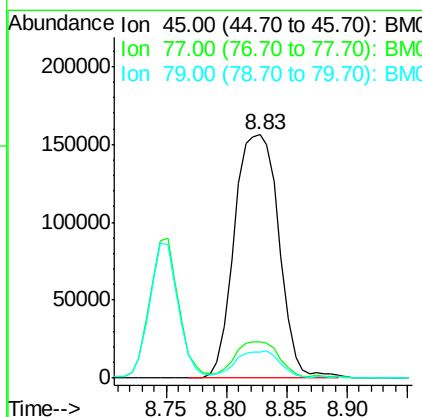
RT: 8.83 min Scan# 942

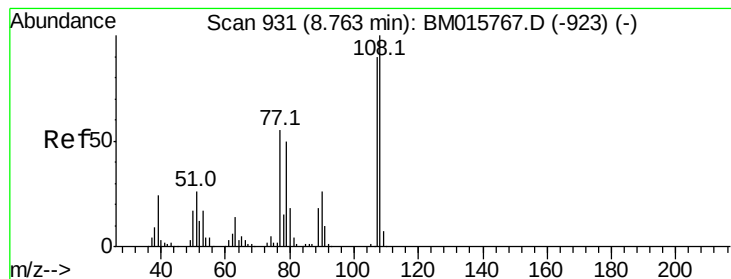
Delta R.T. -0.01 min

Lab File: BM015850.D

Acq: 09 Jul 2018 19:27

Tgt Ion:	45	Resp:	399575
Ion Ratio	Lower	Upper	
45	100		
77	14.7	0.0	35.2
79	10.6	0.0	32.0





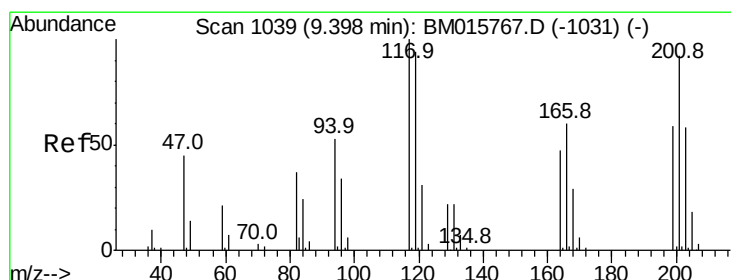
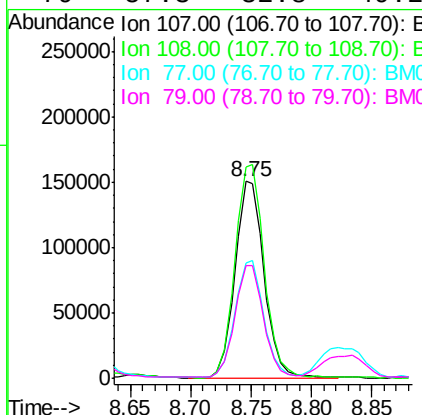
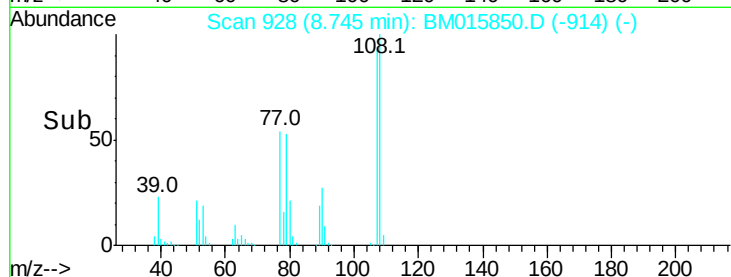
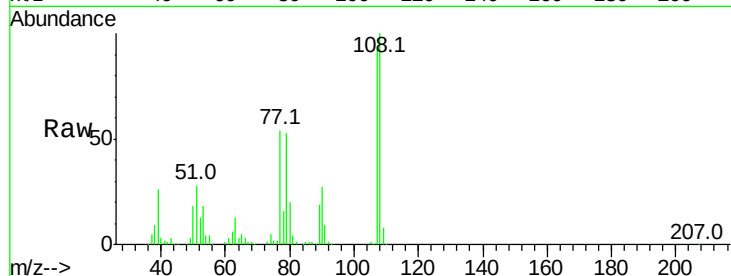
#17
2-Methylphenol
Concen: 50.291 ng
RT: 8.75 min Scan# 928
Delta R.T. -0.02 min
Lab File: BM015850.D
Acq: 09 Jul 2018 19:27

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

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	107.7	89.8	134.8
77	58.6	32.6	48.8#
79	57.3	32.8	49.2#

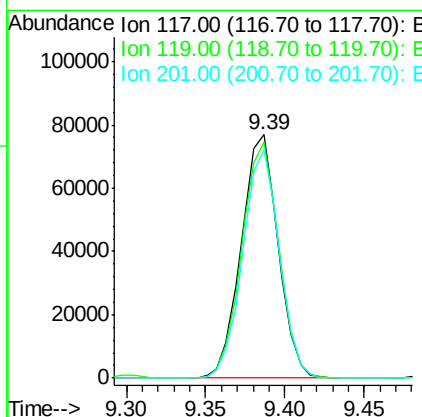
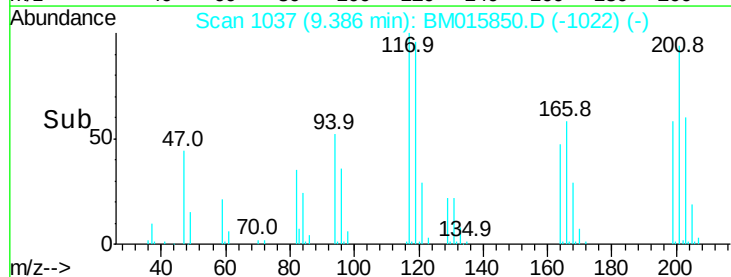
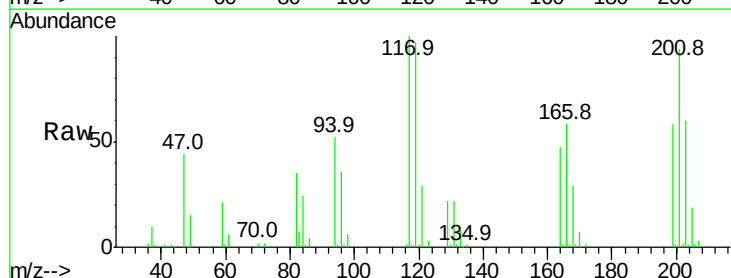
Manual Integrations
APPROVED

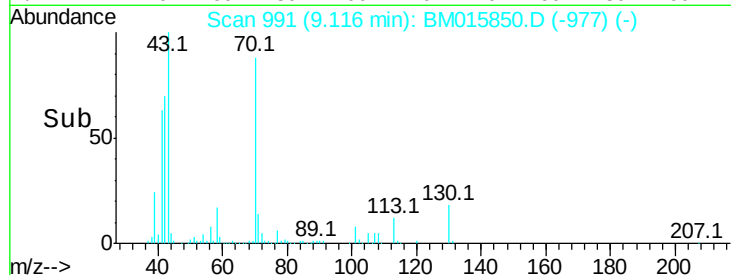
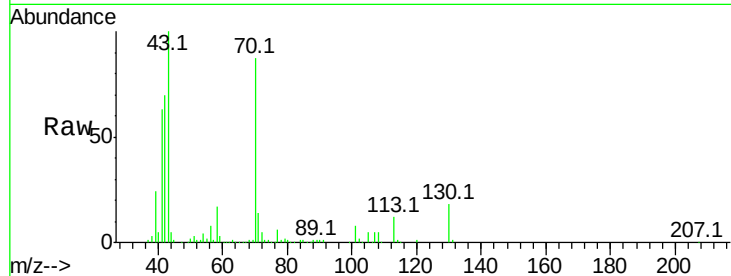
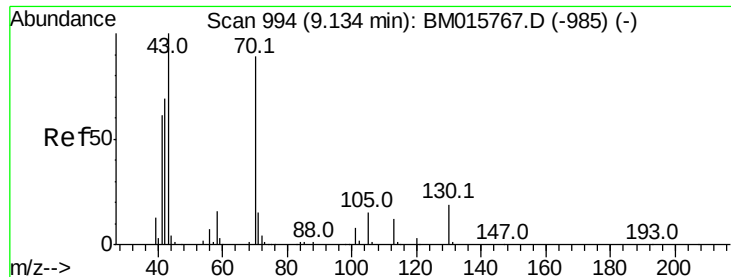
Sohil
7/10/2018 2:50:07 PM



#18
Hexachloroethane
Concen: 43.626 ng
RT: 9.39 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BM015850.D
Acq: 09 Jul 2018 19:27

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	97.1	79.2	118.8
201	93.9	69.8	104.6





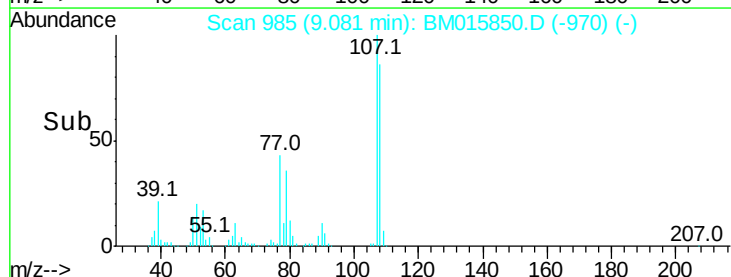
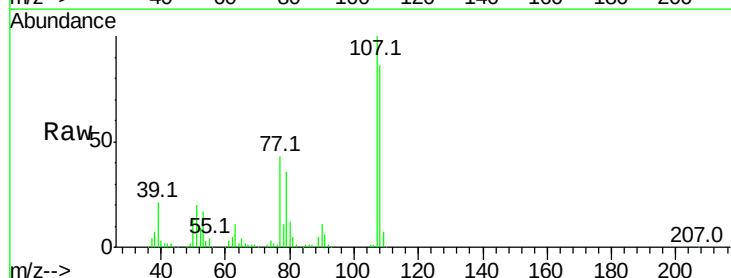
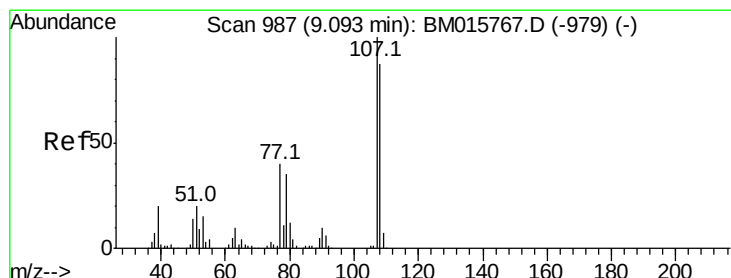
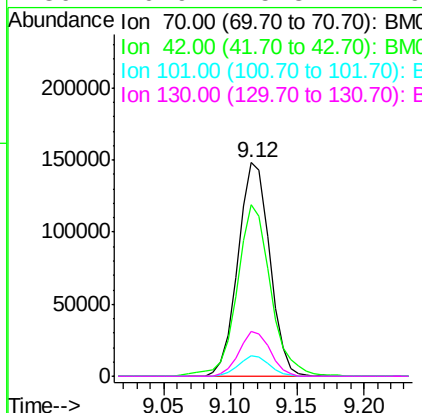
#19
n-Nitroso-di-n-propylamine
Concen: 42.408 ng
RT: 9.12 min Scan# 991
Delta R.T. -0.02 min
Lab File: BM015850.D
Acq: 09 Jul 2018 19:27

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

Tot Ion	Ratio	Lower	Upper
70	100		
42	80.1	44.5	66.7#
101	9.5	7.4	11.2
130	20.9	15.3	22.9

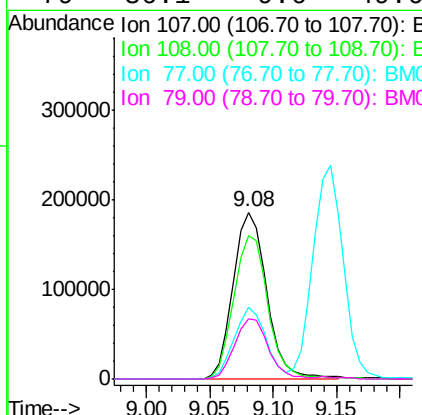
Manual Integrations
APPROVED

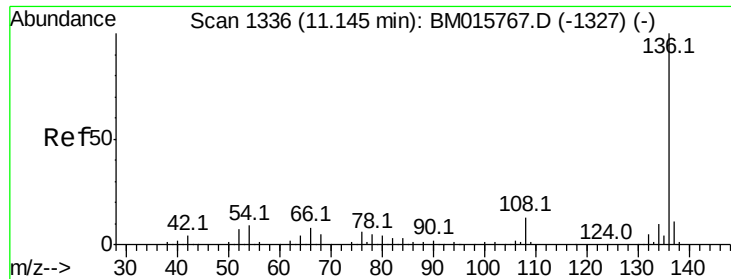
Sohil
7/10/2018 2:50:07 PM



#20
3+4-Methylphenols
Concen: 49.401 ng
RT: 9.08 min Scan# 985
Delta R.T. -0.01 min
Lab File: BM015850.D
Acq: 09 Jul 2018 19:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.3	73.2	113.2
77	42.8	10.7	50.7
79	36.1	9.6	49.6





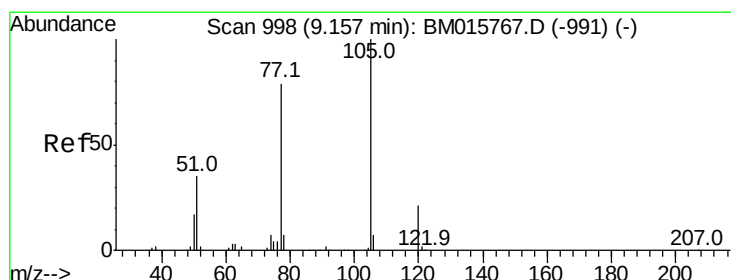
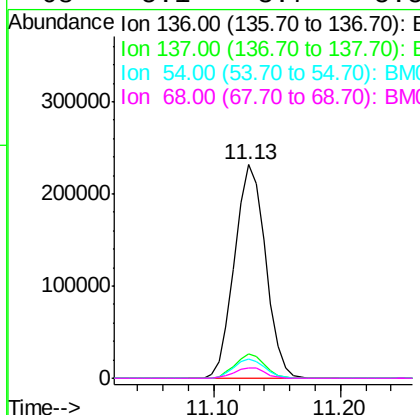
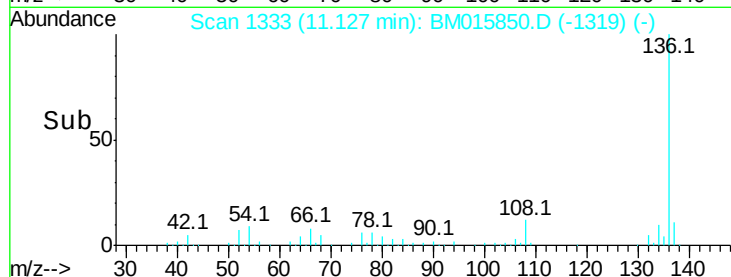
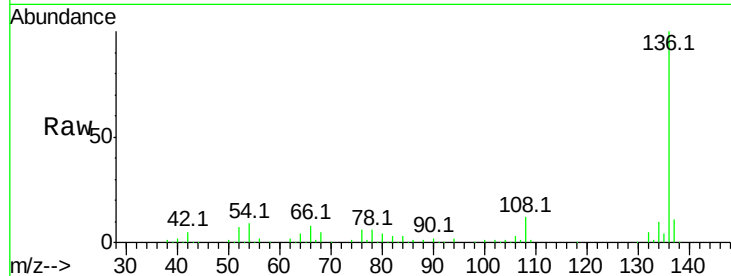
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.13 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BM015850.D
Acq: 09 Jul 2018 19:27

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	8.7	13.1	
54	8.9	4.6	6.8#	
68	5.1	3.7	5.5	

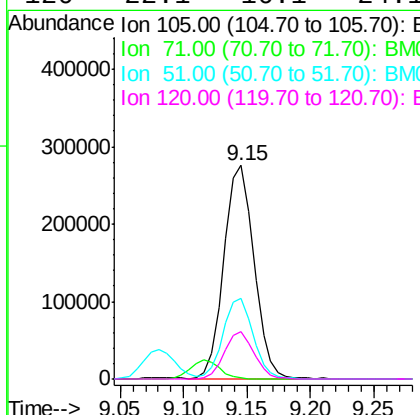
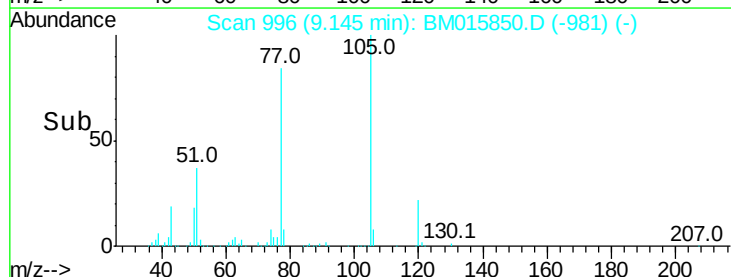
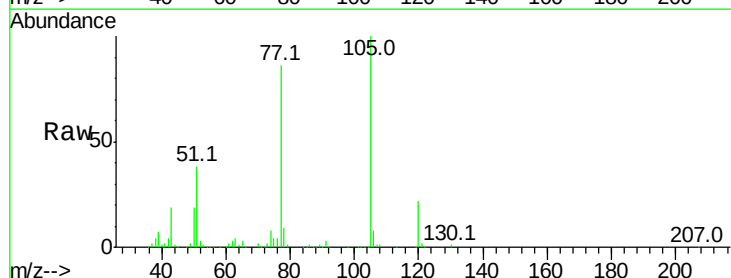
Manual Integrations
APPROVED

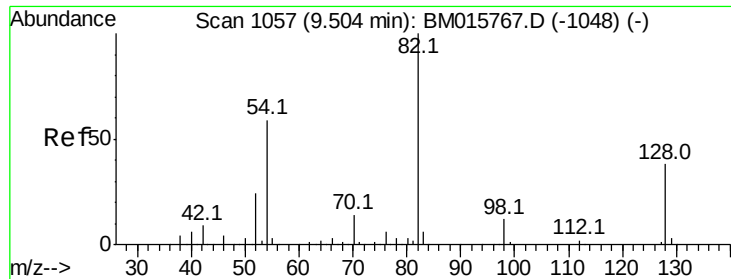
Sohil
7/10/2018 2:50:07 PM



#22
Acetophenone
Concen: 44.429 ng
RT: 9.15 min Scan# 996
Delta R.T. -0.01 min
Lab File: BM015850.D
Acq: 09 Jul 2018 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.5	0.6	1.0#	
51	38.1	21.6	32.4#	
120	22.1	16.1	24.1	





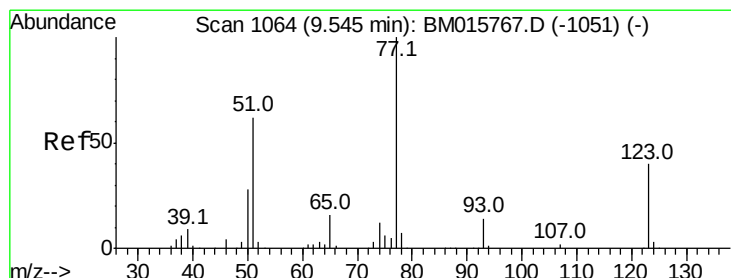
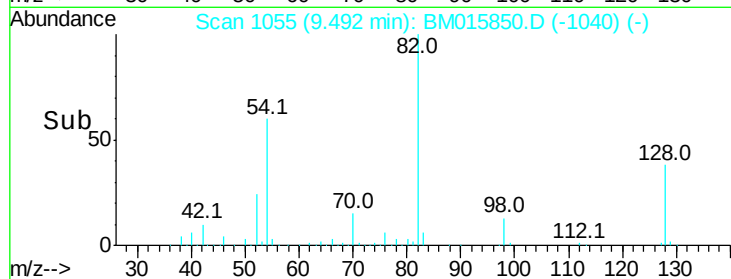
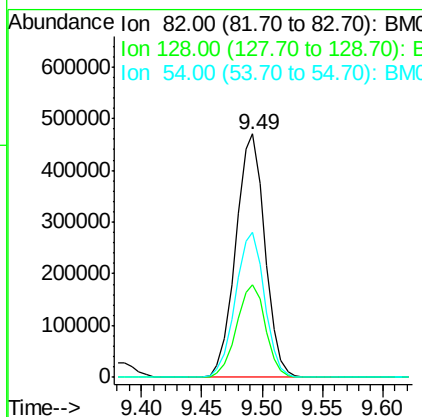
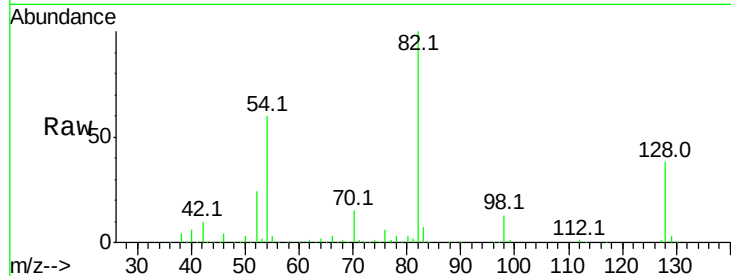
#23
Nitrobenzene-d5
Concen: 44.429 ng
RT: 9.49 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BM015850.D
Acq: 09 Jul 2018 19:27

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.9	32.8	49.2
54	59.6	40.6	60.8

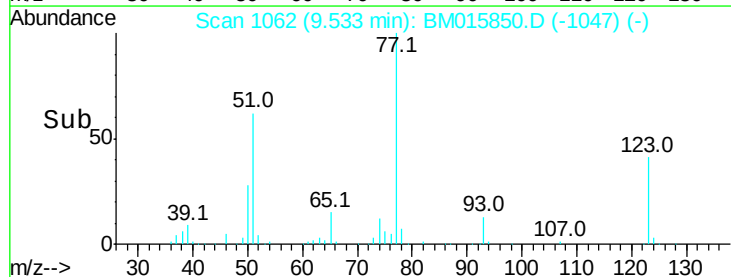
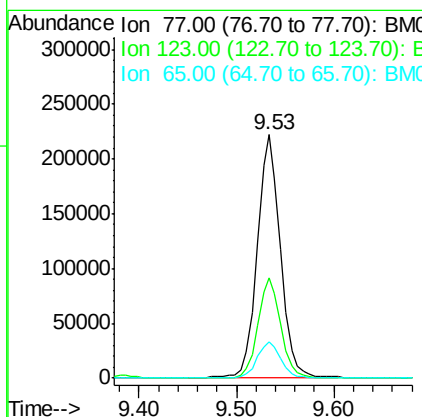
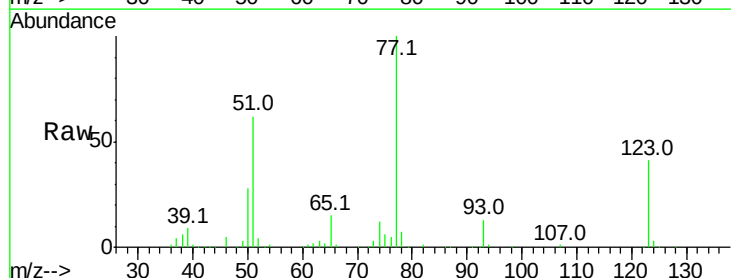
Manual Integrations
APPROVED

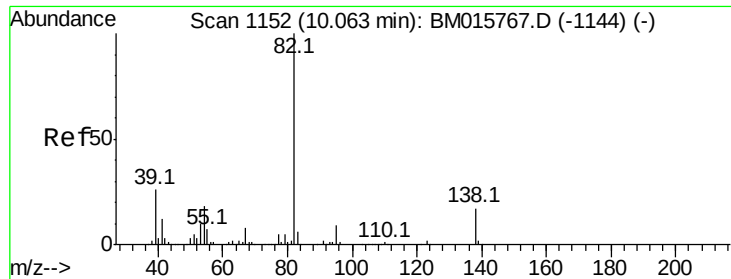
Sohil
7/10/2018 2:50:07 PM



#24
Nitrobenzene
Concen: 47.842 ng
RT: 9.53 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BM015850.D
Acq: 09 Jul 2018 19:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.4	32.6	49.0
65	15.1	10.9	16.3





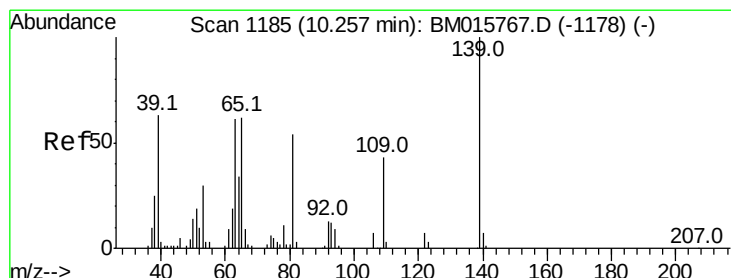
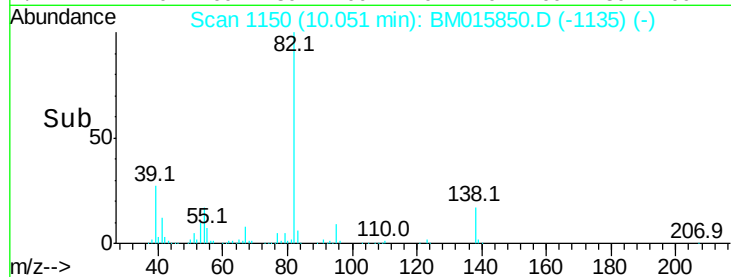
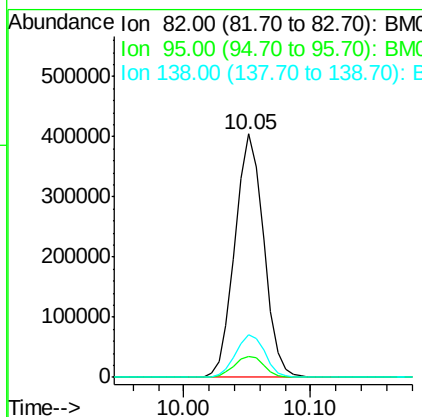
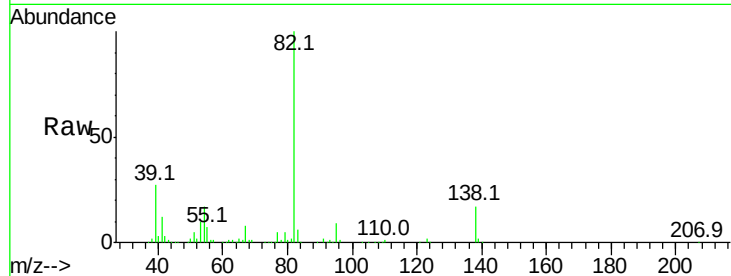
#25
Isophorone
Concen: 52.085 ng
RT: 10.05 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BM015850.D
Acq: 09 Jul 2018 19:27

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

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.8	5.8	8.6#
138	17.3	16.3	24.5

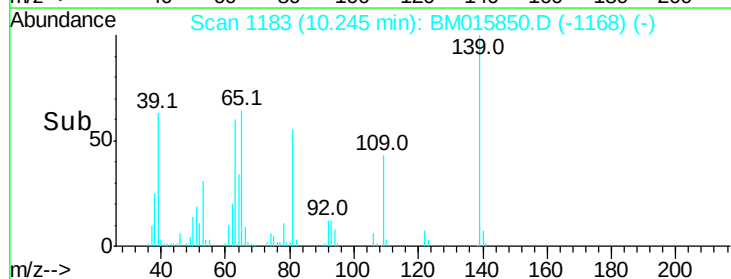
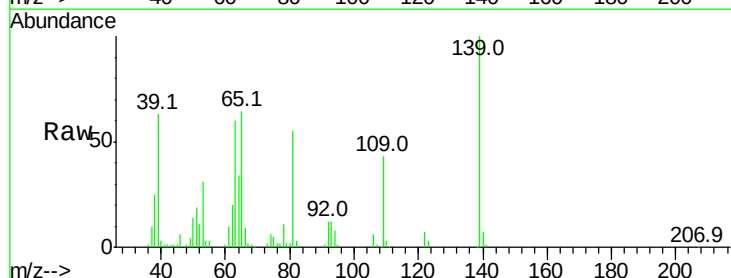
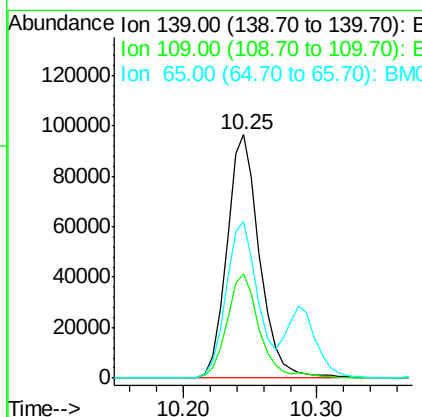
Manual Integrations
APPROVED

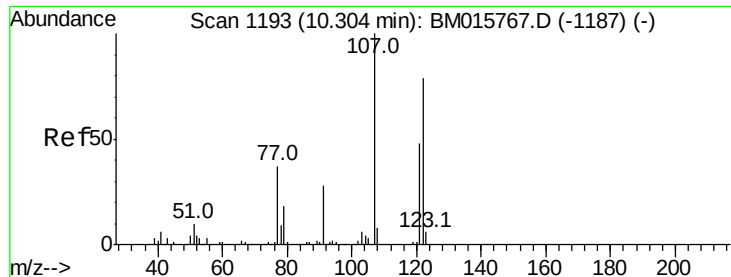
Sohil
7/10/2018 2:50:07 PM



#26
2-Nitrophenol
Concen: 48.656 ng
RT: 10.25 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BM015850.D
Acq: 09 Jul 2018 19:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	42.9	20.1	30.1#
65	64.3	31.5	47.3#





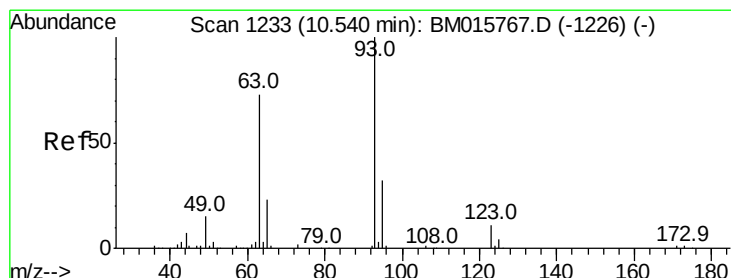
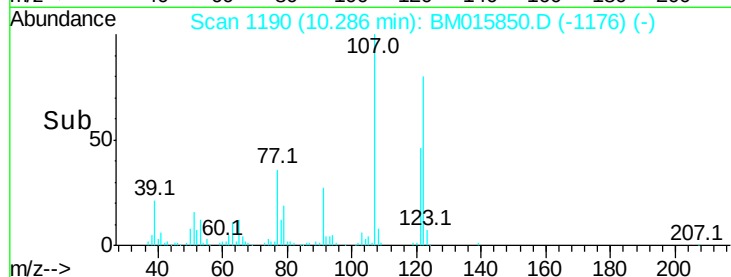
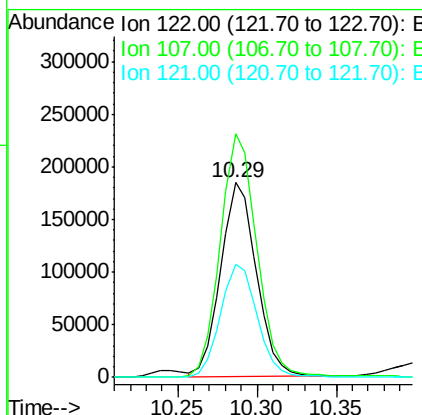
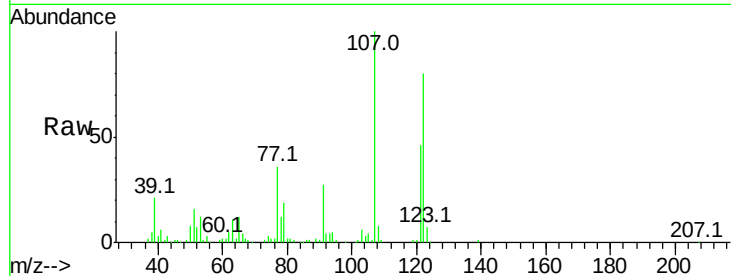
#27
 2,4-Dimethylphenol
 Concen: 56.567 ng
 RT: 10.29 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BM015850.D
 Acq: 09 Jul 2018 19:27

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	125.2	84.7	127.1
121	58.1	46.6	69.8

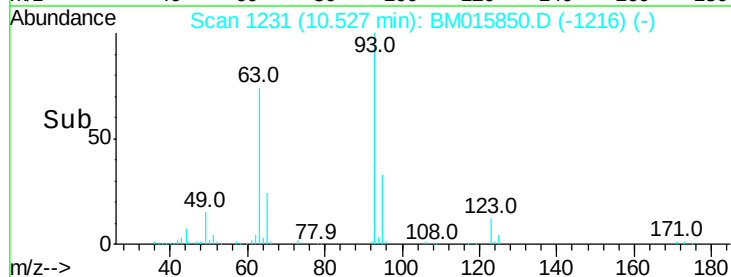
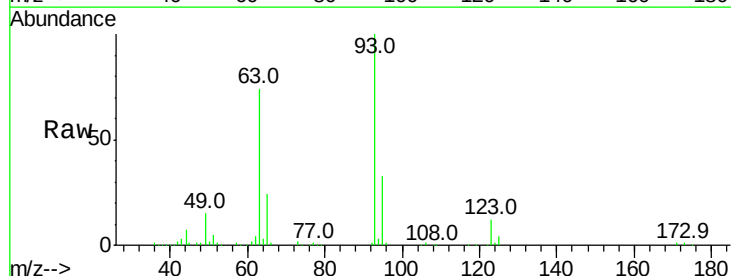
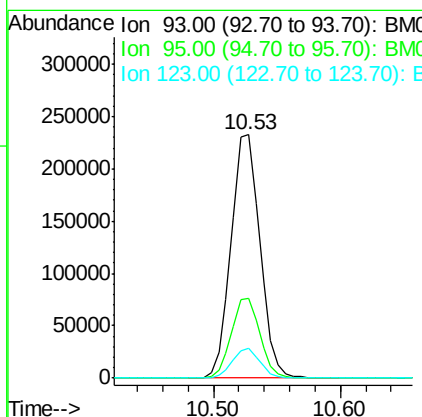
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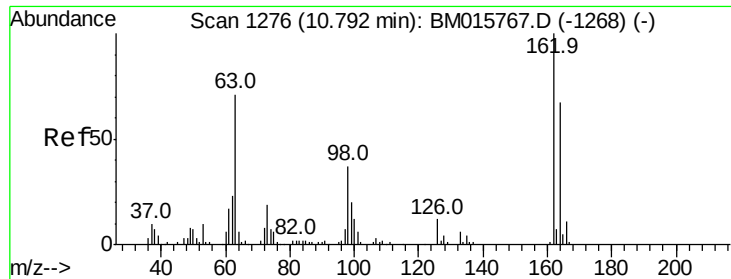
Sohil
 7/10/2018 2:50:07 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.970 ng
 RT: 10.53 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BM015850.D
 Acq: 09 Jul 2018 19:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.5	38.3
123	12.1	8.6	13.0





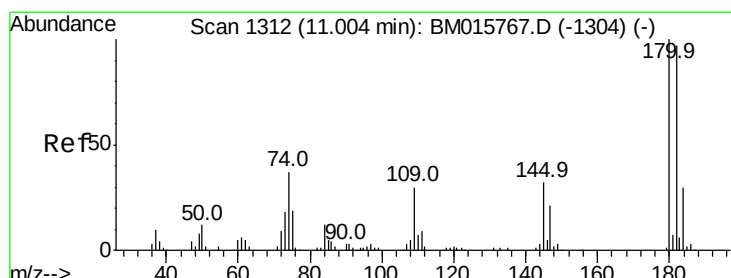
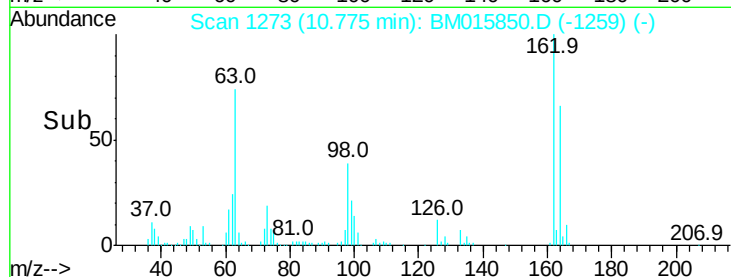
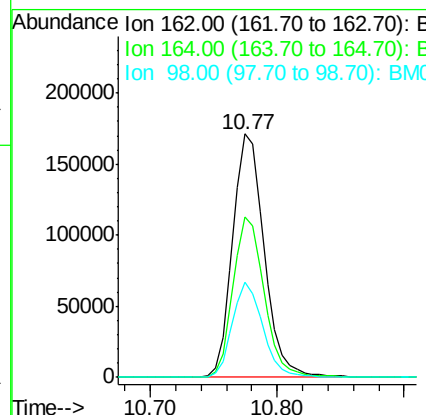
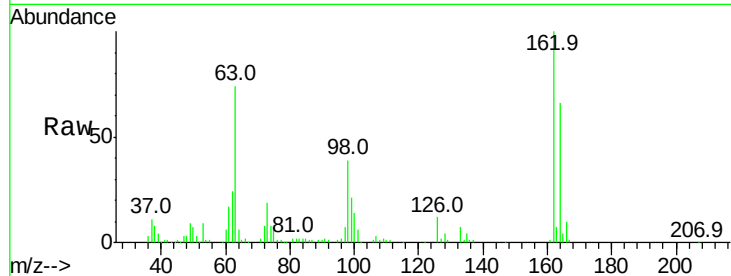
#29
2,4-Dichlorophenol
Concen: 52.026 ng
RT: 10.77 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BM015850.D
Acq: 09 Jul 2018 19:27

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	294434		
164	66.1	42.8	82.8	
98	39.2	14.5	54.5	

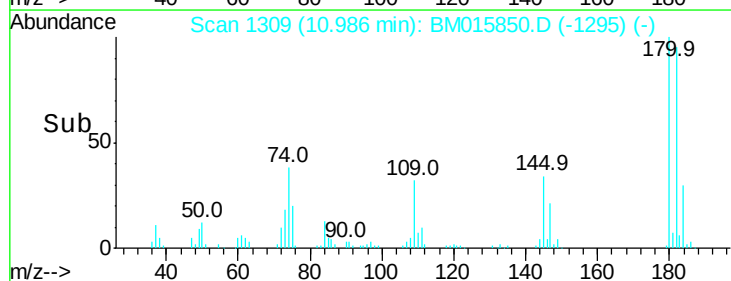
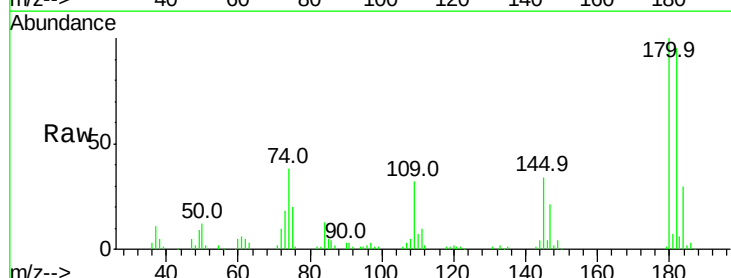
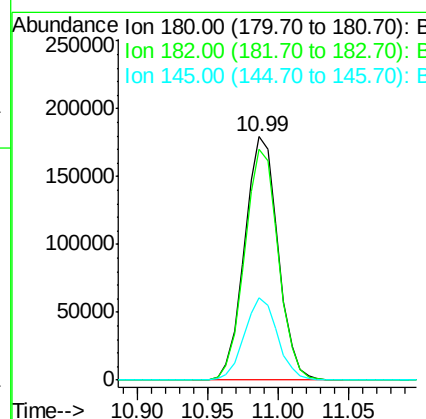
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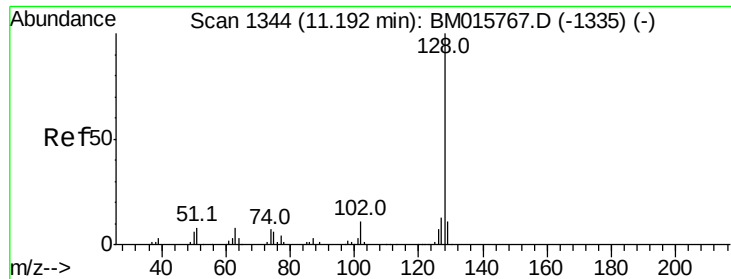
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 45.297 ng
RT: 10.99 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BM015850.D
Acq: 09 Jul 2018 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	297748		
182	94.9	77.6	116.4	
145	33.9	23.4	35.2	





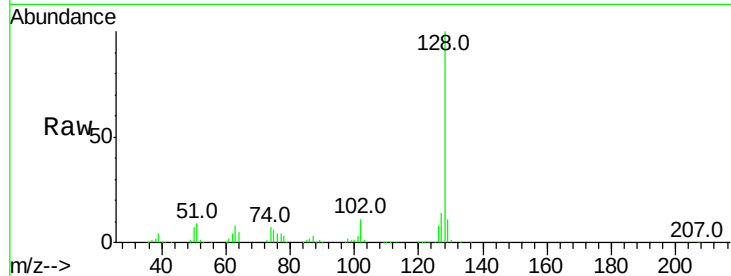
#31
Naphthalene
Concen: 45.460 ng
RT: 11.18 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BM015850.D
Acq: 09 Jul 2018 19:27

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

Tot Ion	Ratio	Resp	Lower	Upper
128	100	922807		
129	10.9		8.9	13.3
127	13.6		10.4	15.6

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7/10/2018 2:50:07 PM

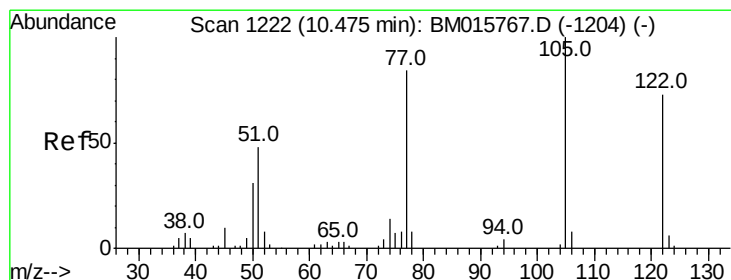
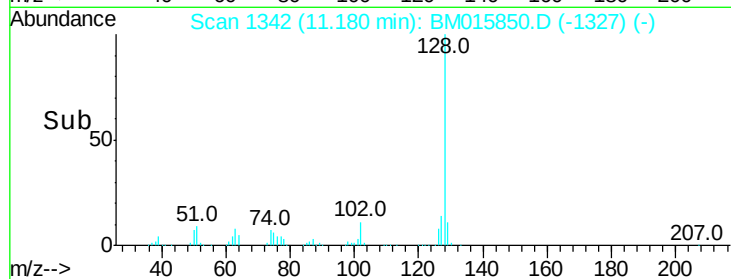
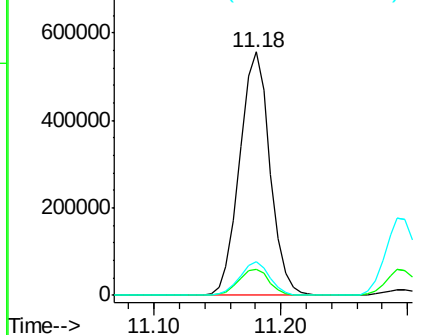


Abundance

Ion 128.00 (127.70 to 128.70): E

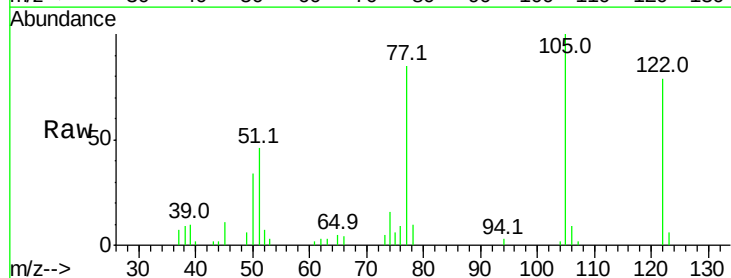
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 7.749 ng m
RT: 10.41 min Scan# 1211
Delta R.T. -0.06 min
Lab File: BM015850.D
Acq: 09 Jul 2018 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	35057		
105	126.7		99.9	139.9
77	108.2		73.7	113.7

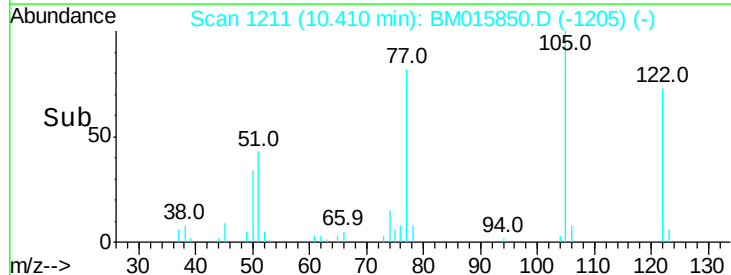
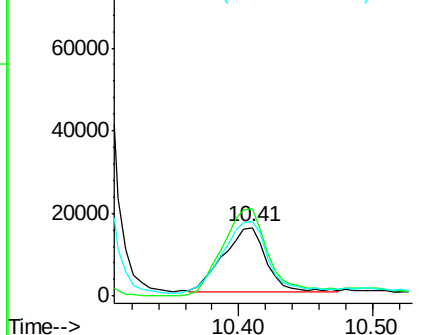


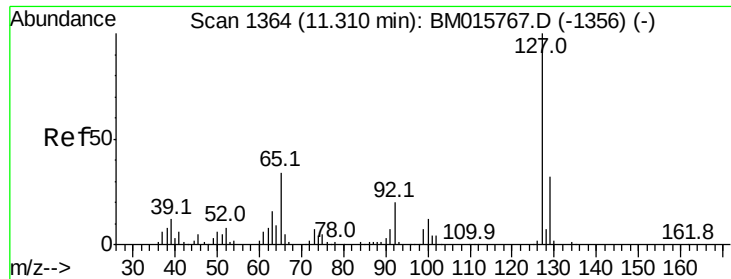
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM





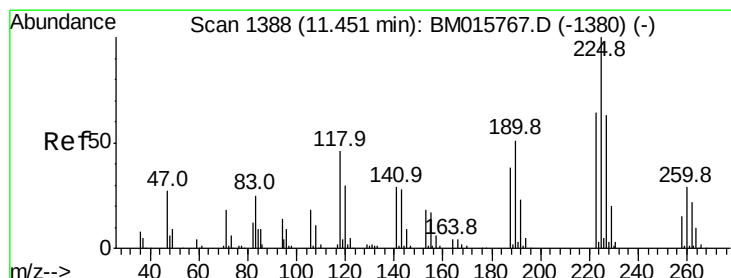
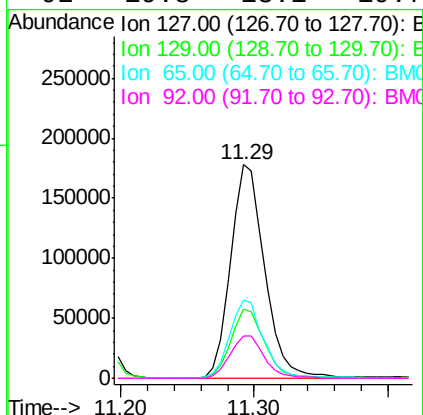
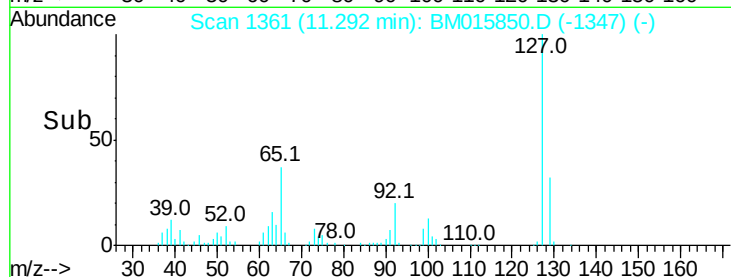
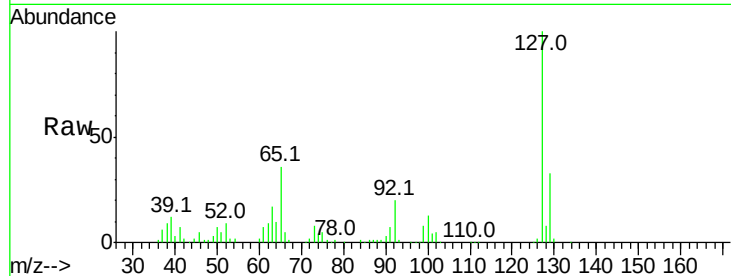
#33
4-Chloroaniline
Concen: 38.186 ng
RT: 11.29 min Scan# 1361
Delta R.T. -0.02 min
Lab File: BM015850.D
Acq: 09 Jul 2018 19:27

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

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.3	37.9
65	36.4	17.6	26.4
92	19.8	13.1	19.7

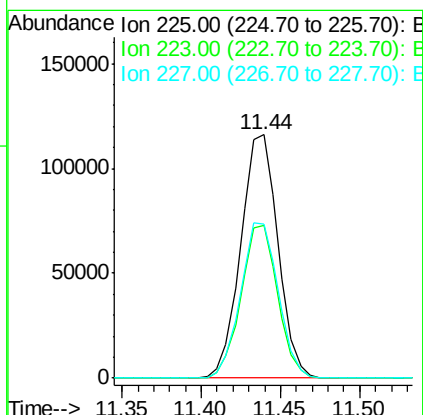
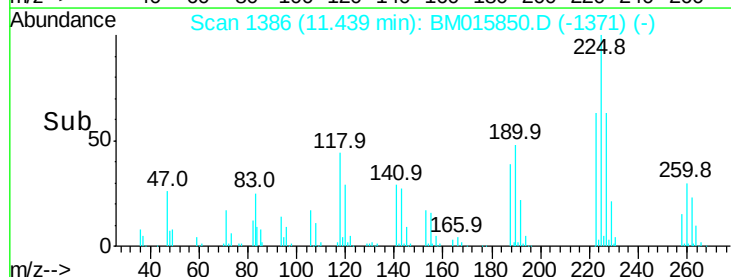
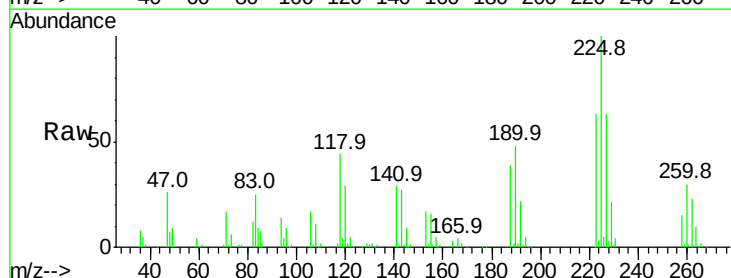
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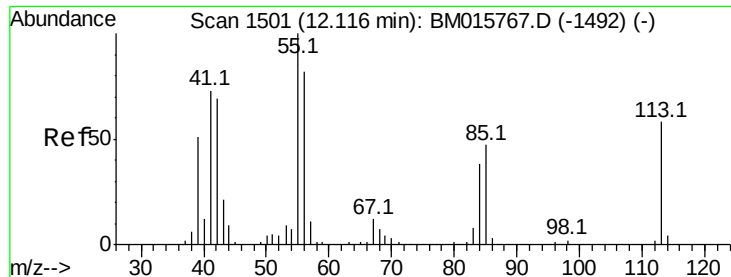
Sohil
7/10/2018 2:50:07 PM



#34
Hexachlorobutadiene
Concen: 43.089 ng
RT: 11.44 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BM015850.D
Acq: 09 Jul 2018 19:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	47.9	71.9
227	63.3	50.1	75.1





#35

Caprolactam

Concen: 49.017 ng/mL

RT: 12.10 min Scan# 1498

Delta R.T. -0.02 min

Lab File: BM015850.D

Acq: 09 Jul 2018 19:27

Instrument :

BNA_M

ClientSampleId :

AOC7-BTM-6-6.5MSD

Tot Ion:113 Resp: 91999

Ion Ratio Lower Upper

113 100

55 179.6 145.9 185.9

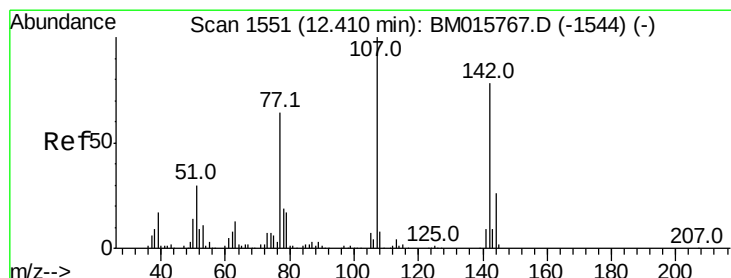
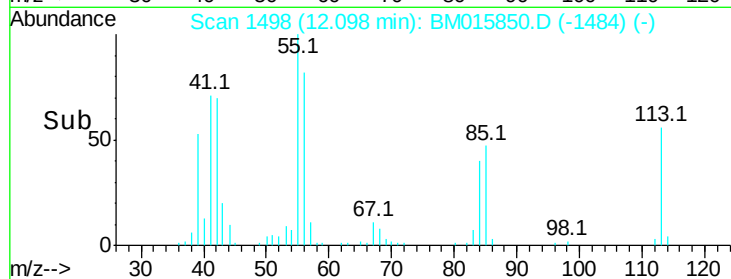
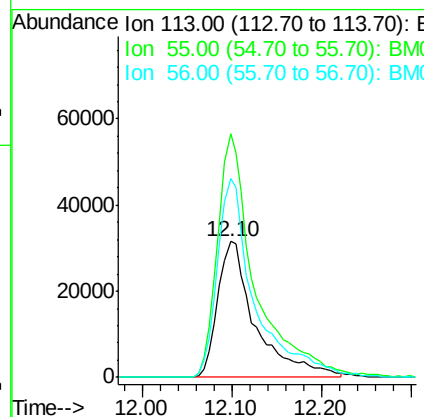
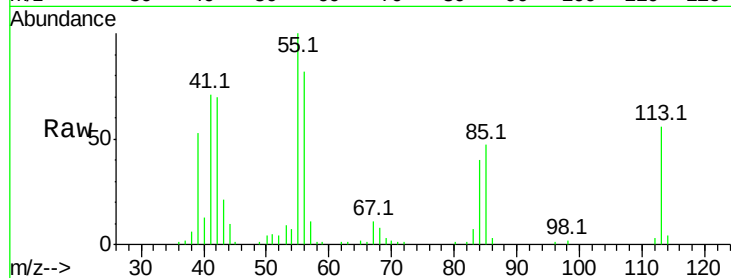
56 146.6 101.0 141.0#

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#36

4-Chloro-3-methylphenol

Concen: 52.064 ng/mL

RT: 12.40 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BM015850.D

Acq: 09 Jul 2018 19:27

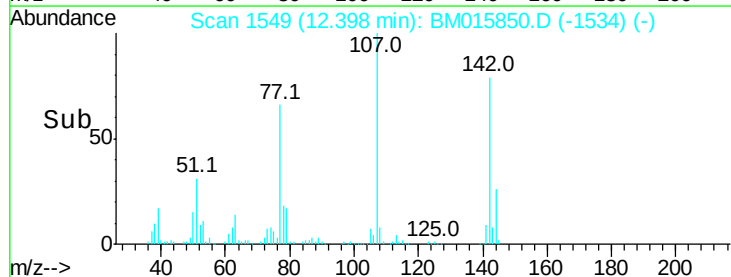
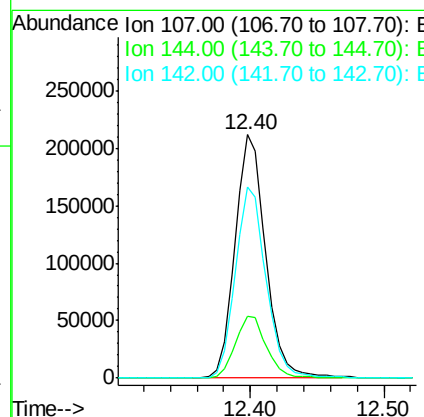
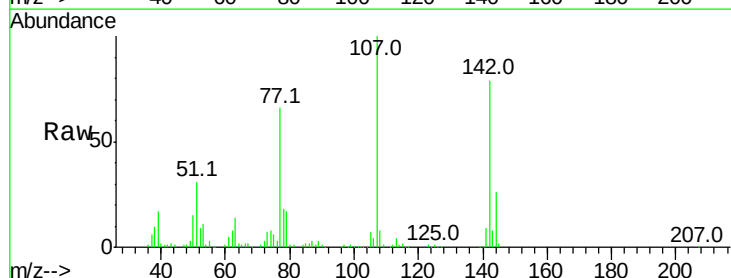
Tgt Ion:107 Resp: 338080

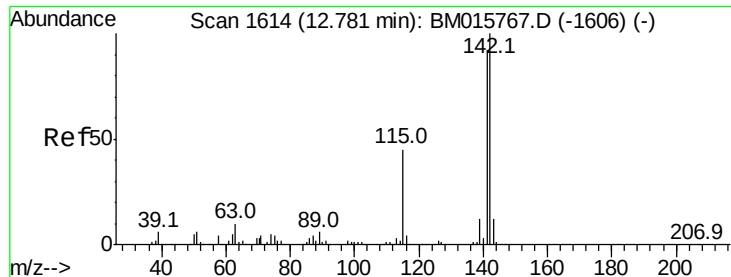
Ion Ratio Lower Upper

107 100

144 25.6 23.3 34.9

142 78.7 72.6 109.0





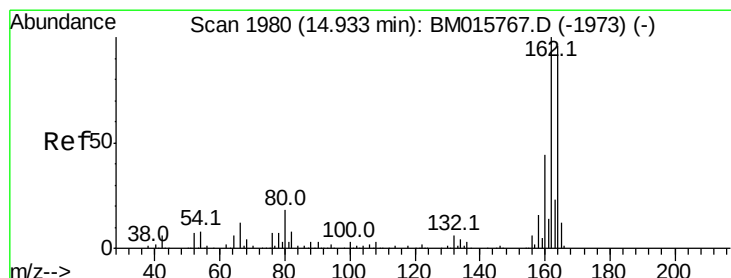
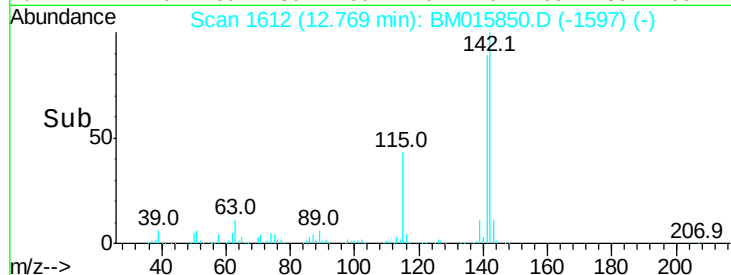
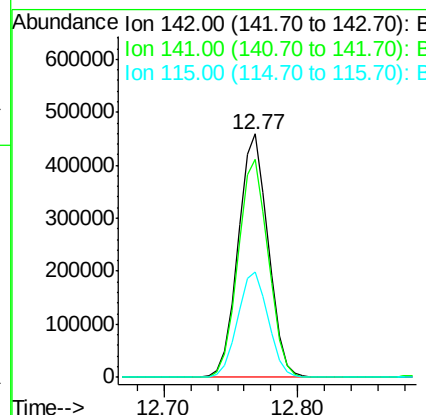
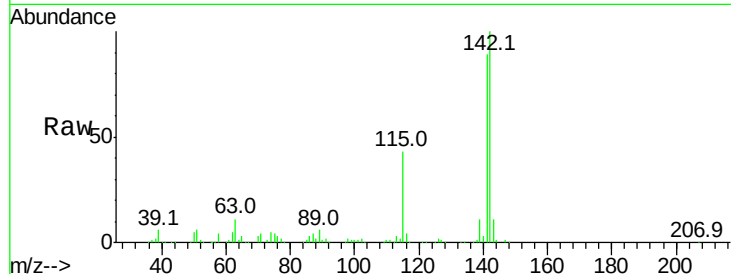
#37
2-Methylnaphthalene
Concen: 49.505 ng
RT: 12.77 min Scan# 1612
Delta R.T. -0.01 min
Lab File: BM015850.D
Acq: 09 Jul 2018 19:27

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.9	107.9
115	43.5	25.4	38.0

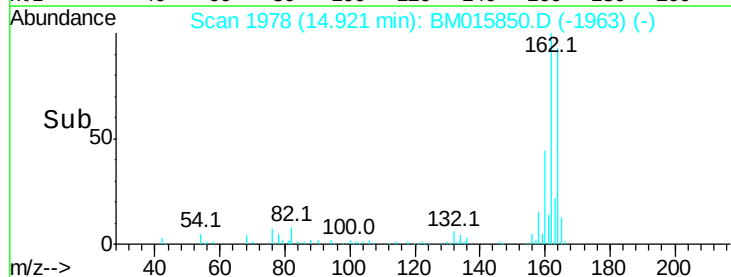
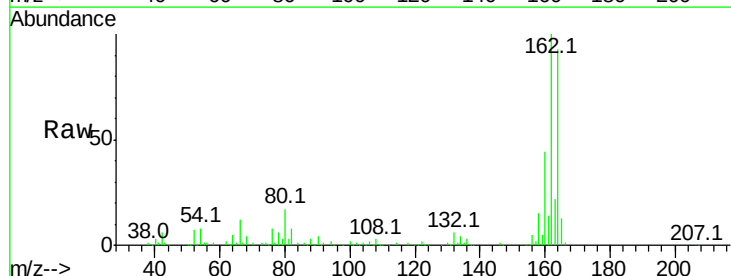
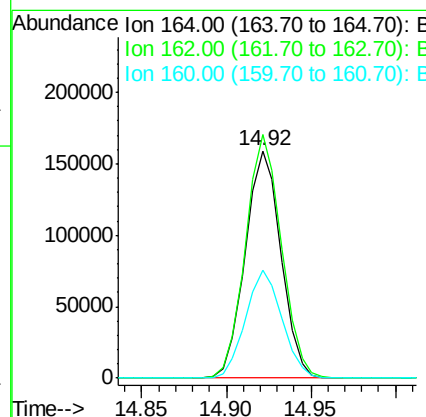
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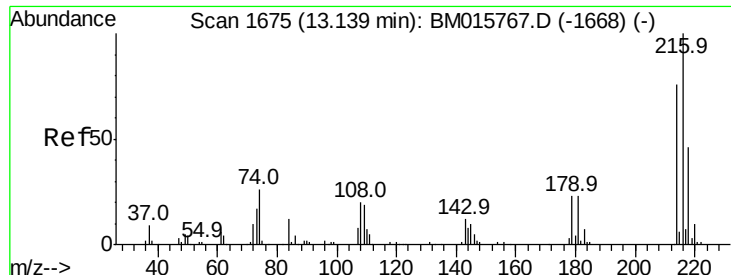
Sohil
7/10/2018 2:50:07 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.92 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BM015850.D
Acq: 09 Jul 2018 19:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.1	82.4	123.6
160	47.4	35.8	53.6





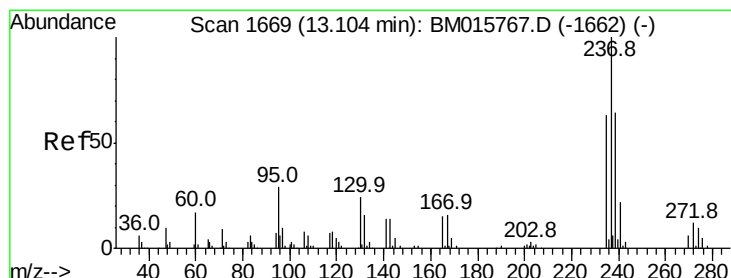
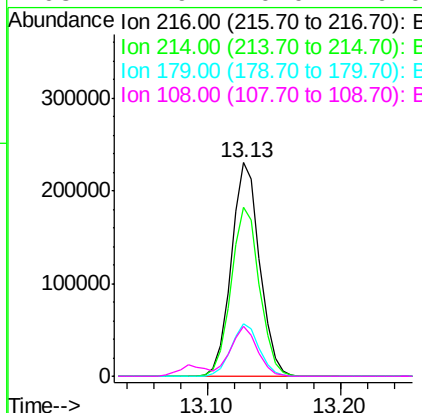
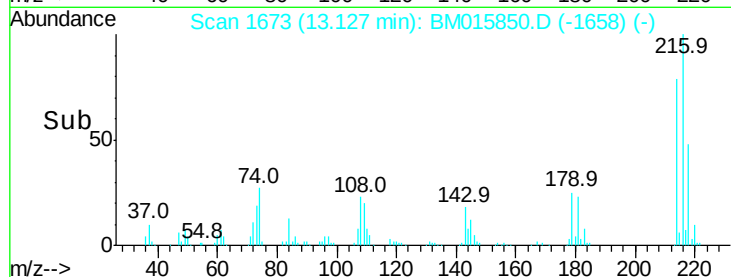
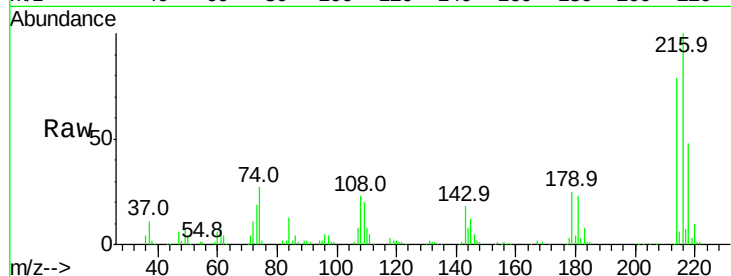
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.302 ng
 RT: 13.13 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BM015850.D
 Acq: 09 Jul 2018 19:27

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

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.2	0.0	0.0	0.0
179	24.3	0.0	0.0	0.0
108	21.9	0.0	0.0	0.0

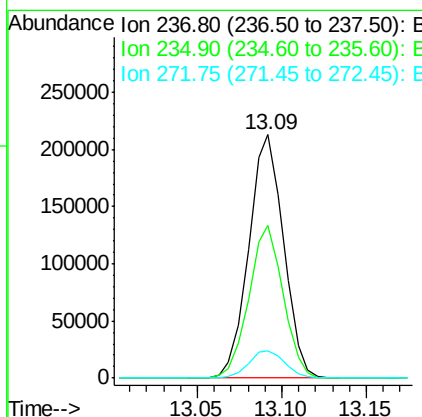
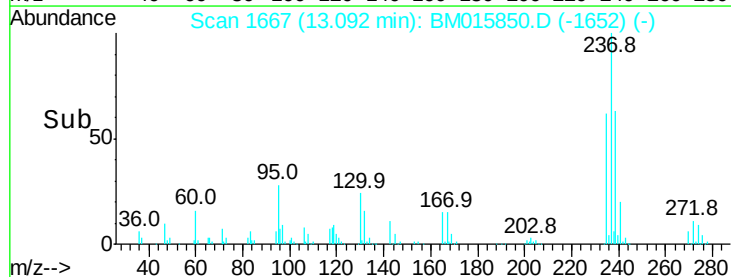
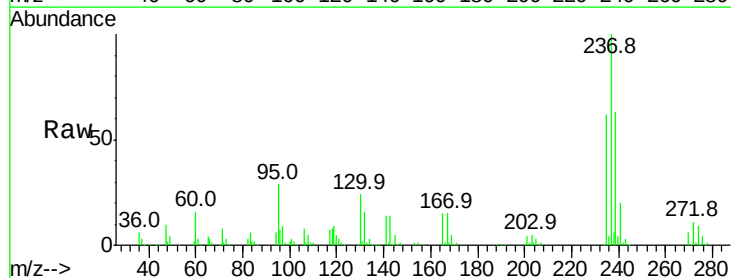
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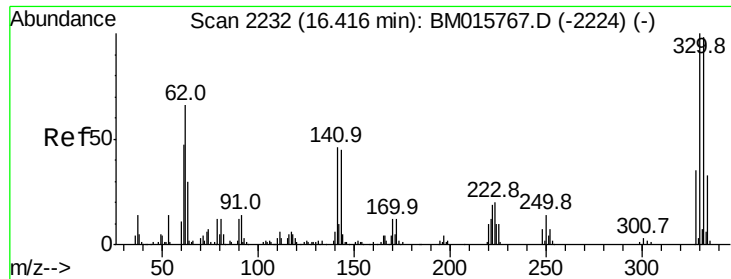
Sohil
 7/10/2018 2:50:07 PM



#40
 Hexachlorocyclopentadiene
 Concen: 86.117 ng
 RT: 13.09 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: BM015850.D
 Acq: 09 Jul 2018 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.5	42.0	82.0	
272	11.1	0.0	33.4	





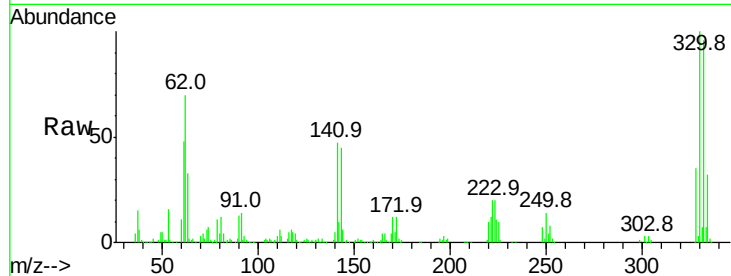
#41
 2,4,6-Tribromophenol
 Concen: 86.117 ng
 RT: 16.40 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BM015850.D
 Acq: 09 Jul 2018 19:27

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

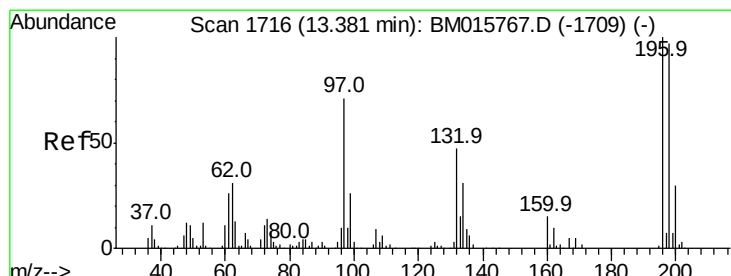
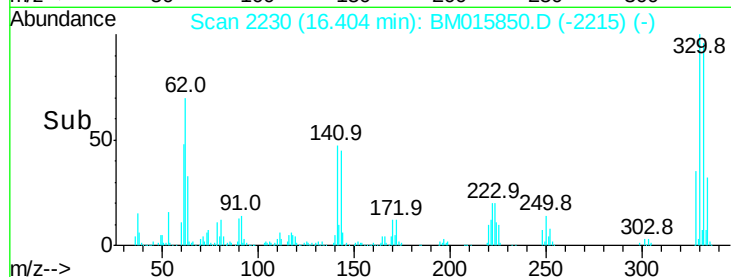
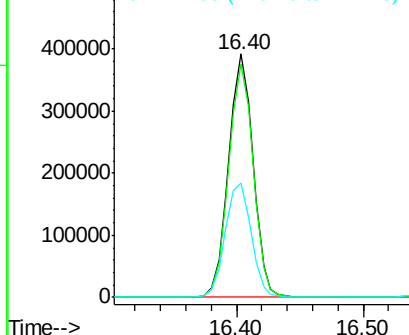
Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	95.7	0.0	0.0#
141	49.8	0.0	0.0#

Manual Integrations
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 7/10/2018 2:50:07 PM



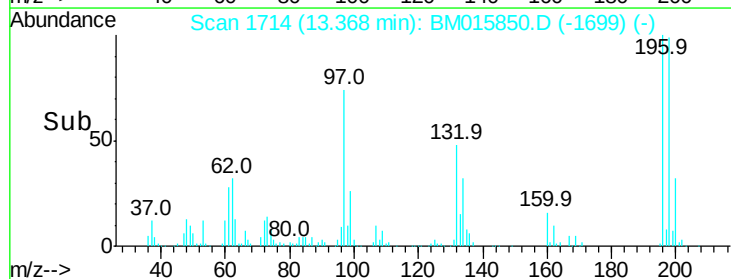
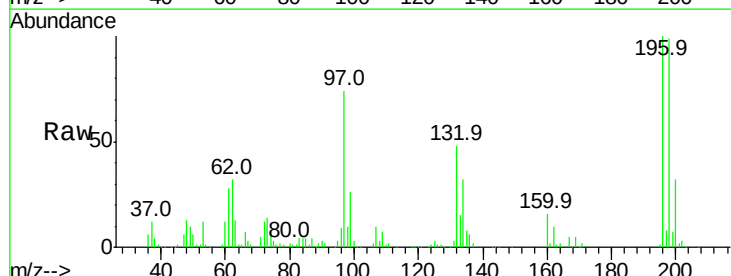
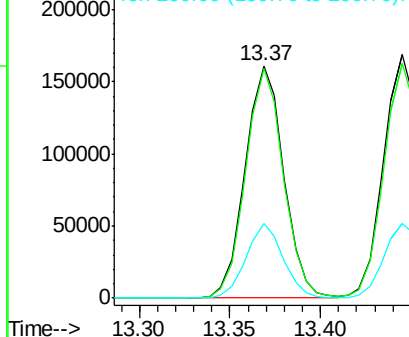
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

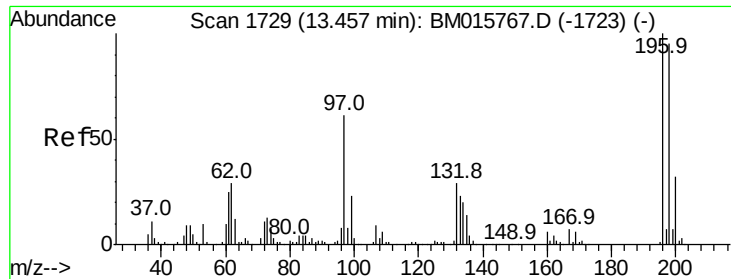


#42
 2,4,6-Trichlorophenol
 Concen: 50.256 ng
 RT: 13.37 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BM015850.D
 Acq: 09 Jul 2018 19:27

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	98.7	76.3	114.5
200	32.0	25.6	38.4

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





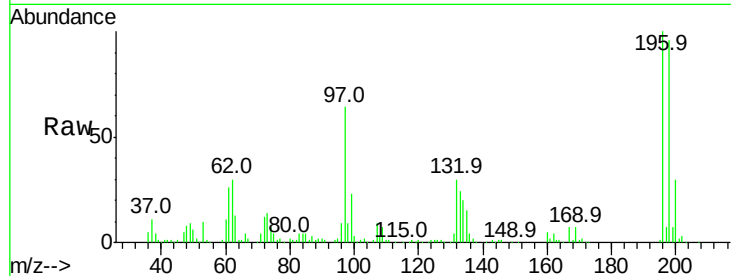
#43
 2,4,5-Trichlorophenol
 Concen: 49.658 ng
 RT: 13.44 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BM015850.D
 Acq: 09 Jul 2018 19:27

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	254754		
198	96.4	79.4	119.0	
97	63.7	26.8	40.2	#
132	30.5	18.6	28.0	#

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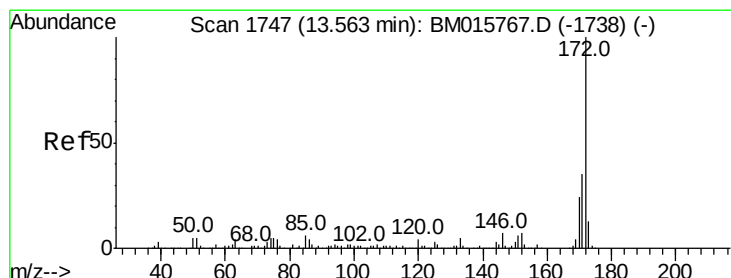
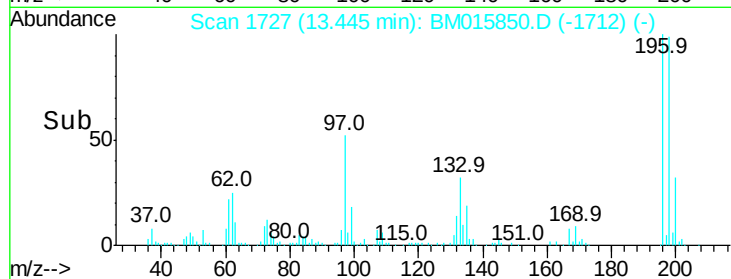
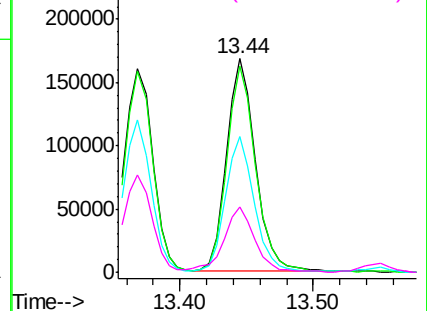
Abundance

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: 49.658 ng
 RT: 13.55 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BM015850.D
 Acq: 09 Jul 2018 19:27

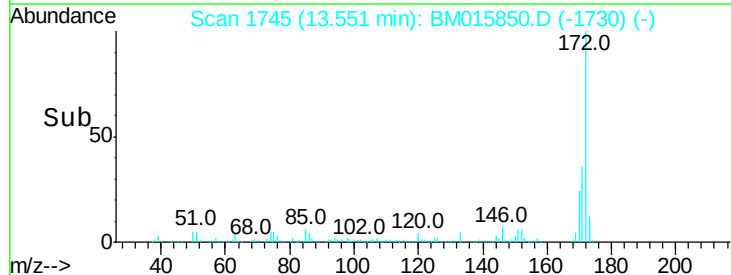
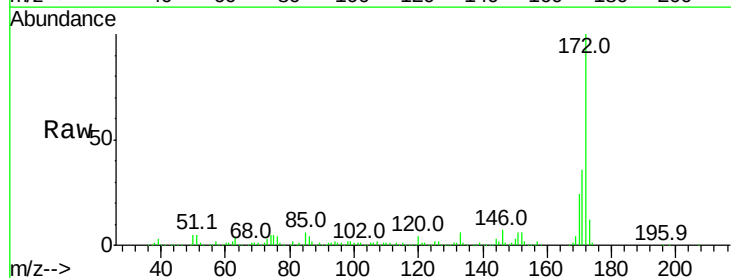
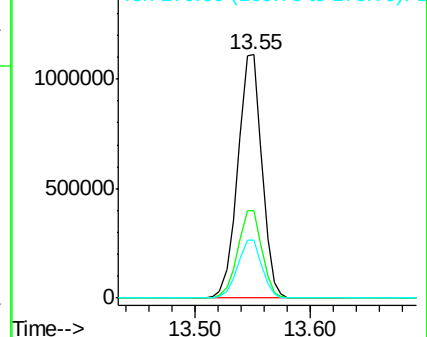
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1604924		
171	35.7	28.5	42.7	
170	23.9	18.8	28.2	

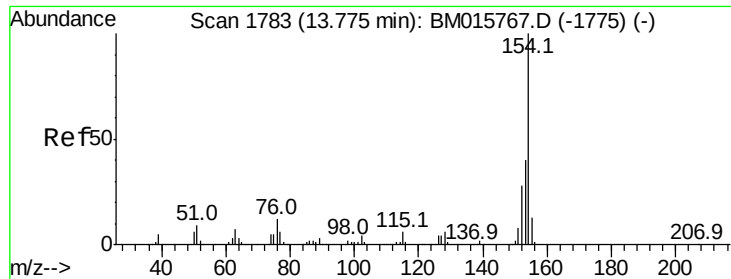
Abundance

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: 45.101 ng

RT: 13.76 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BM015850.D

Acq: 09 Jul 2018 19:27

Instrument :

BNA_M

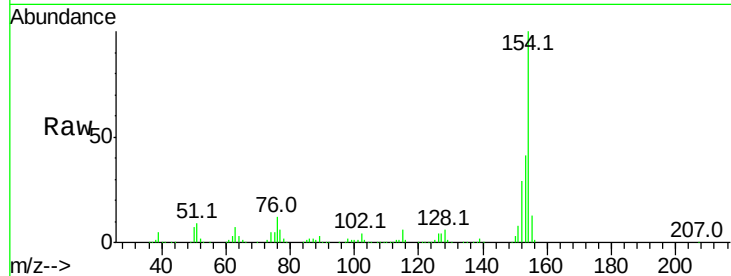
ClientSampleId :

AOC7-BTM-6-6.5MSD

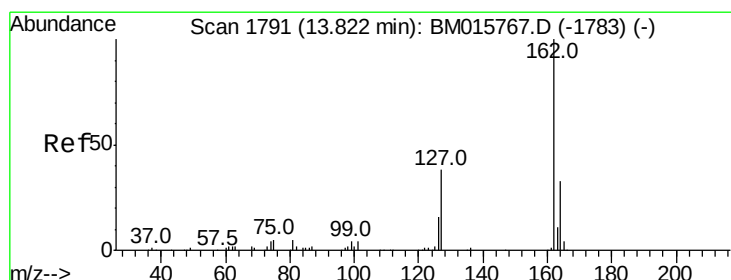
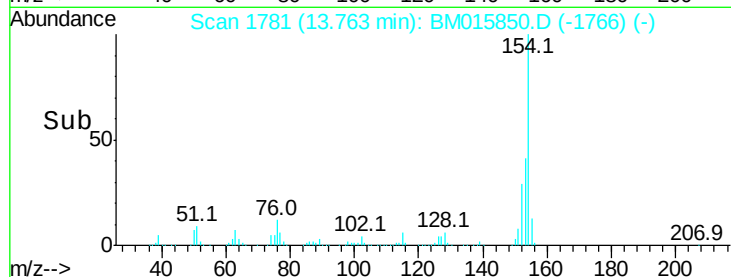
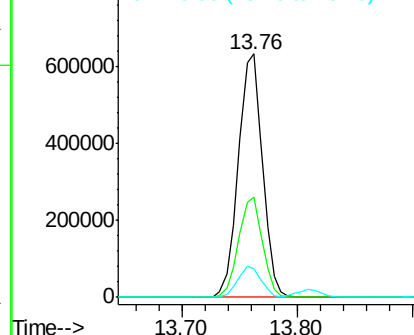
Tot Ion:	154	Resp:	912781
Ion Ratio	Lower	Upper	
154	100		
153	41.0	20.7	60.7
76	12.0	0.0	30.9

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 46.867 ng

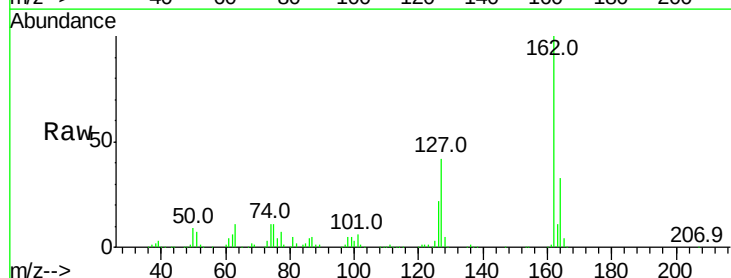
RT: 13.81 min Scan# 1789

Delta R.T. -0.01 min

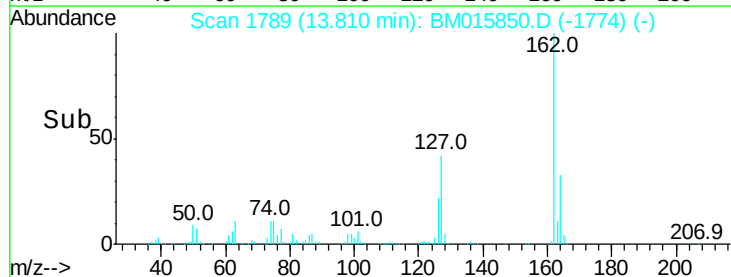
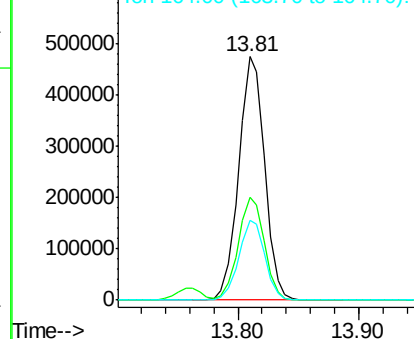
Lab File: BM015850.D

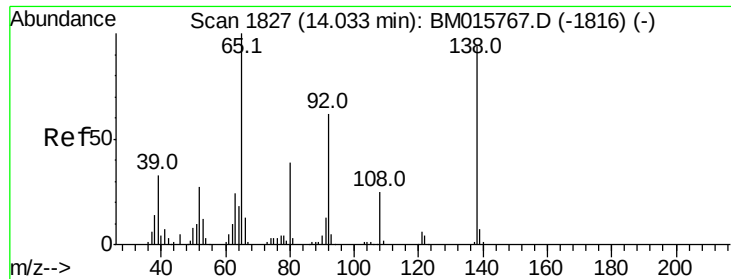
Acq: 09 Jul 2018 19:27

Tgt Ion:	162	Resp:	709191
Ion Ratio	Lower	Upper	
162	100		
127	42.2	26.9	40.3#
164	32.7	26.8	40.2



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 49.625 ng

RT: 14.02 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BM015850.D

Acq: 09 Jul 2018 19:27

Instrument :

BNA_M

ClientSampleId :

AOC7-BTM-6-6.5MSD

Tot Ion: 65 Resp: 261865

Ion Ratio Lower Upper

65 100

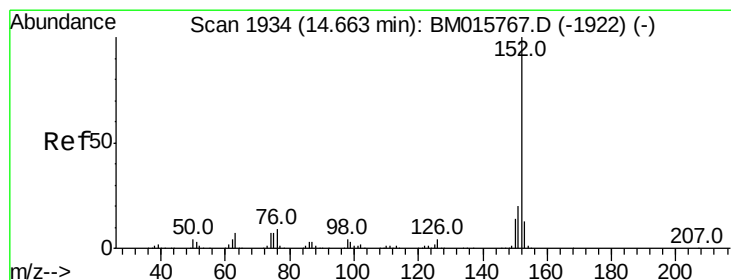
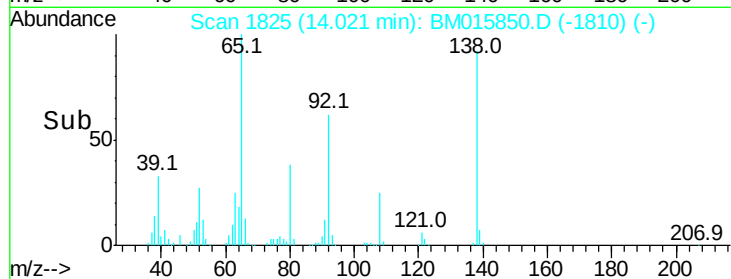
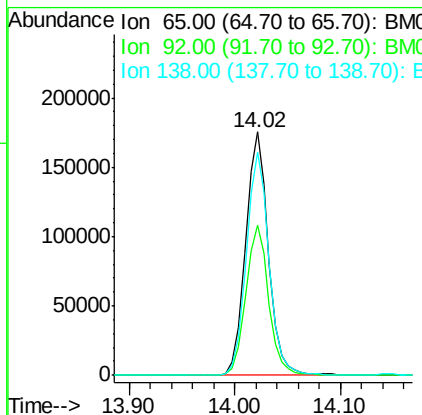
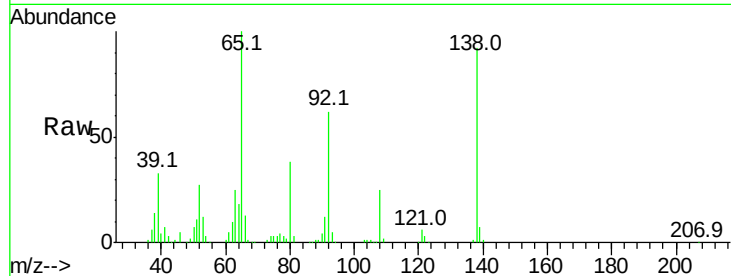
92 61.6 59.1 88.7

138 91.7 93.9 140.9#

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#48

Acenaphthylene

Concen: 47.595 ng

RT: 14.65 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BM015850.D

Acq: 09 Jul 2018 19:27

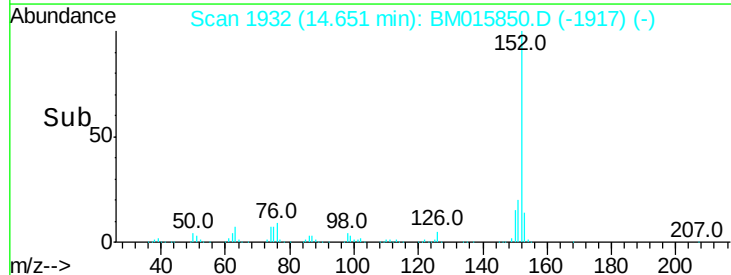
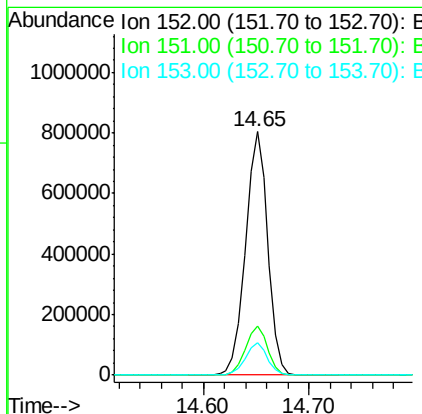
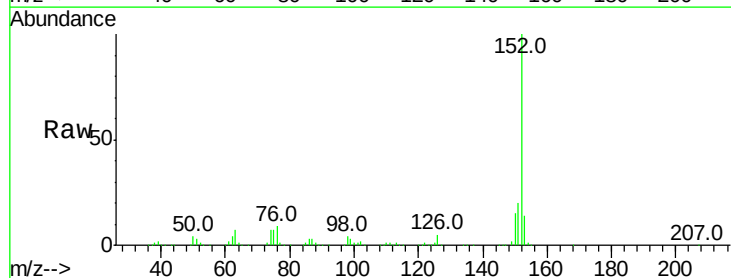
Tgt Ion: 152 Resp: 1171592

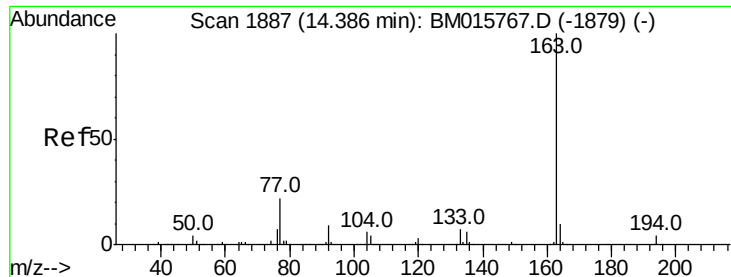
Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

153 13.5 10.6 16.0





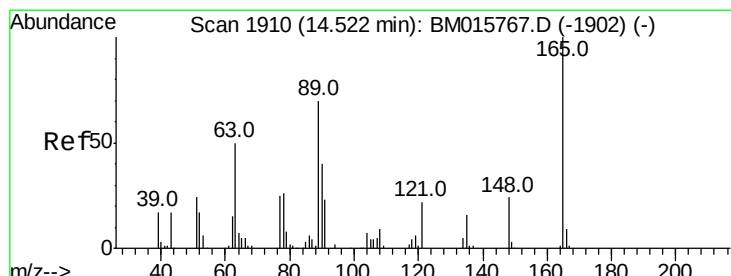
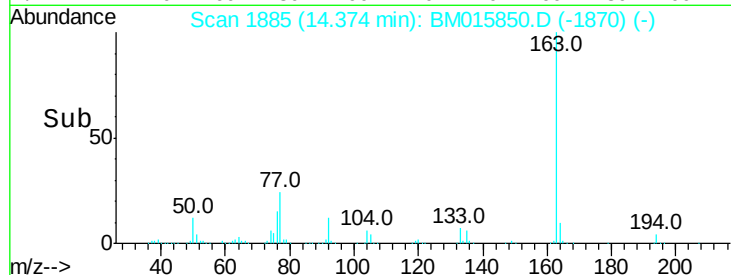
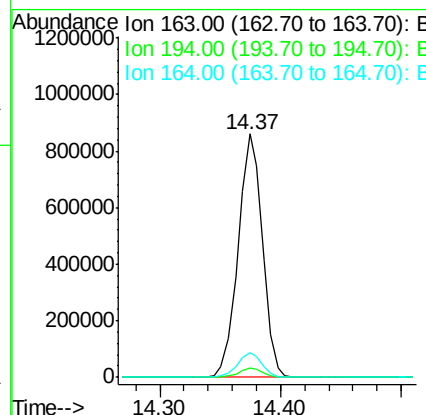
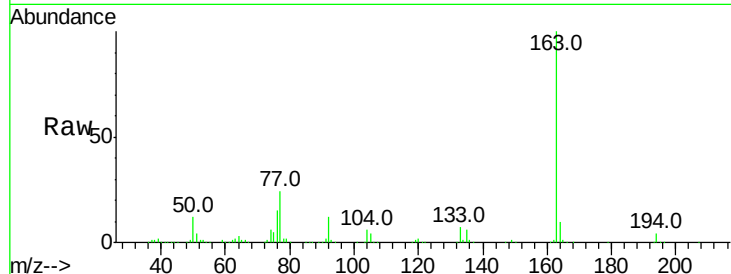
#49
 Dimethylphthalate
 Concen: 58.304 ng
 RT: 14.37 min Scan# 1885
 Delta R.T. -0.01 min
 Lab File: BM015850.D
 Acq: 09 Jul 2018 19:27

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

Tot Ion:	163	Resp:	1203651
Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.1	8.2	12.2

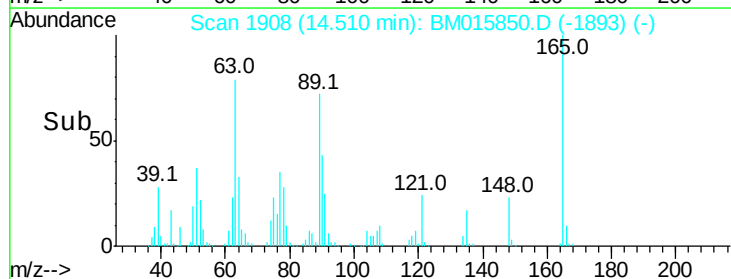
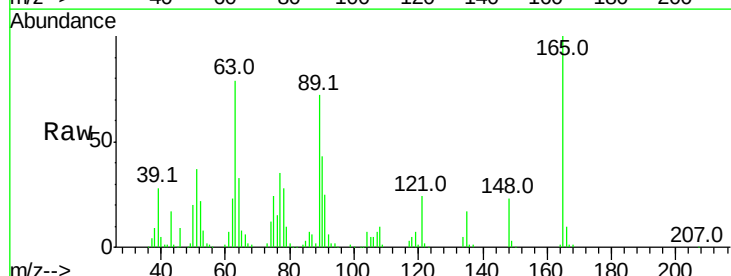
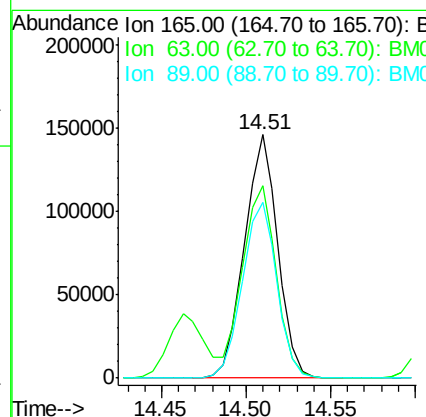
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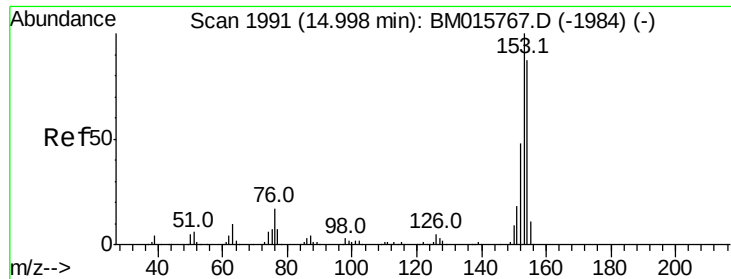
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#50
 2,6-Dinitrotoluene
 Concen: 49.998 ng
 RT: 14.51 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: BM015850.D
 Acq: 09 Jul 2018 19:27

Tgt Ion:	165	Resp:	201251
Ion	Ratio	Lower	Upper
165	100		
63	79.0	44.1	66.1#
89	72.3	44.3	66.5#





#51

Acenaphthene

Concen: 43.614 ng

RT: 14.99 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BM015850.D

Acq: 09 Jul 2018 19:27

Instrument :

BNA_M

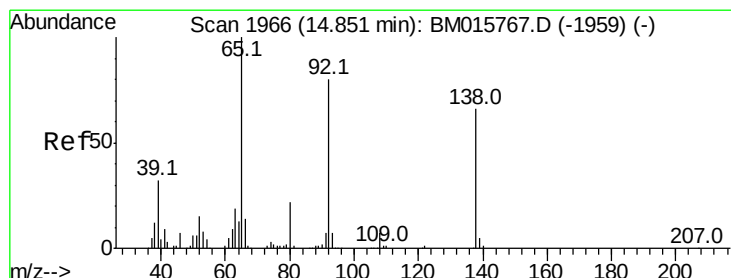
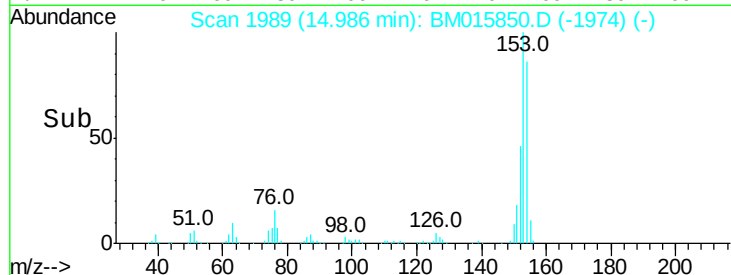
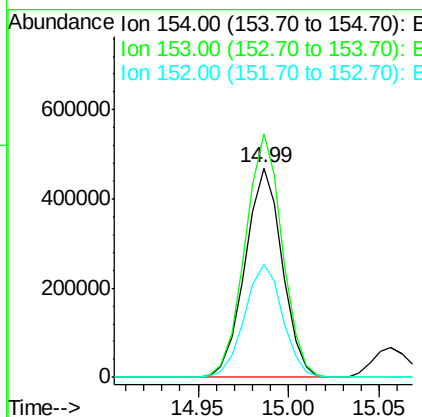
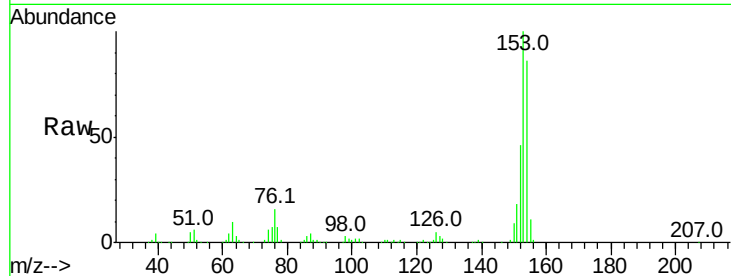
ClientSampleId :

AOC7-BTM-6-6.5MSD

Tot Ion:	154	Resp:	668062
Ion Ratio	Lower	Upper	
154	100		
153	116.2	90.0	135.0
152	54.0	42.6	63.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 40.835 ng

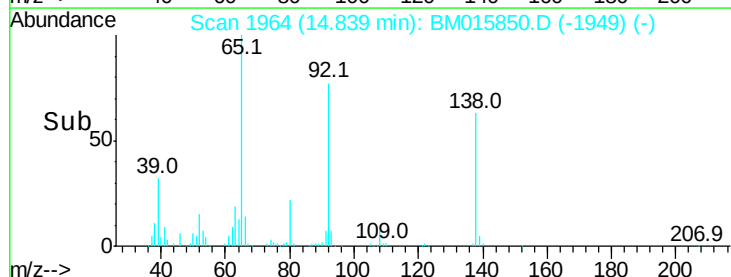
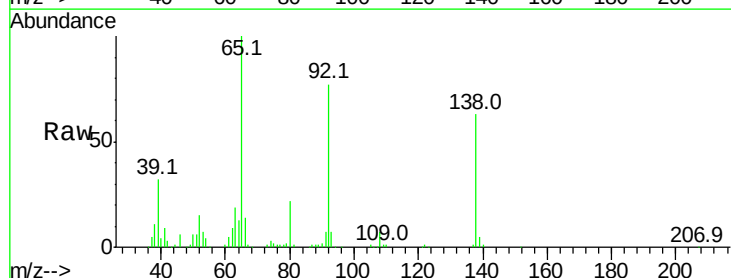
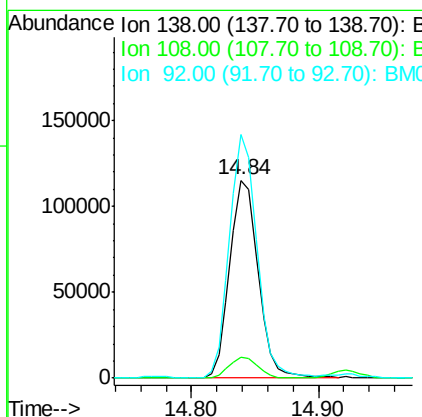
RT: 14.84 min Scan# 1964

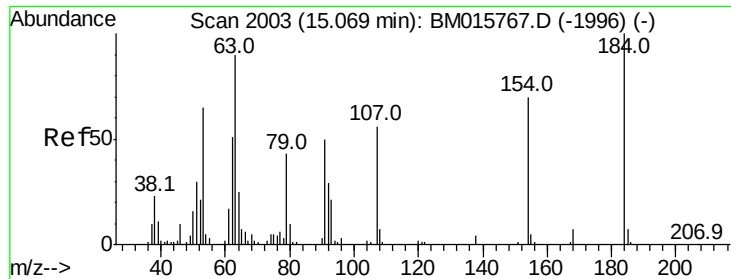
Delta R.T. -0.01 min

Lab File: BM015850.D

Acq: 09 Jul 2018 19:27

Tgt Ion:	138	Resp:	179910
Ion Ratio	Lower	Upper	
138	100		
108	10.8	7.3	10.9
92	123.1	76.6	114.8#





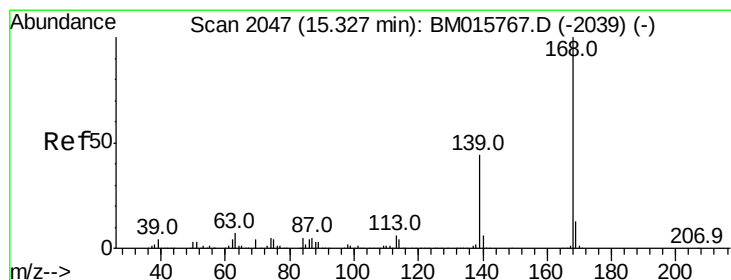
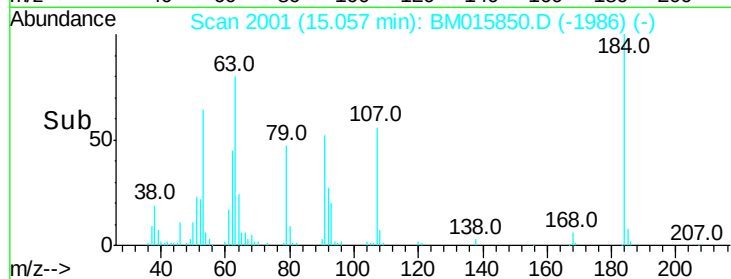
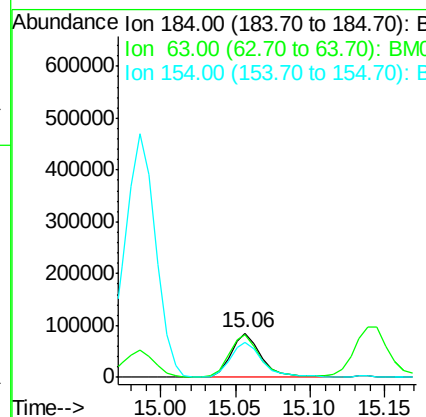
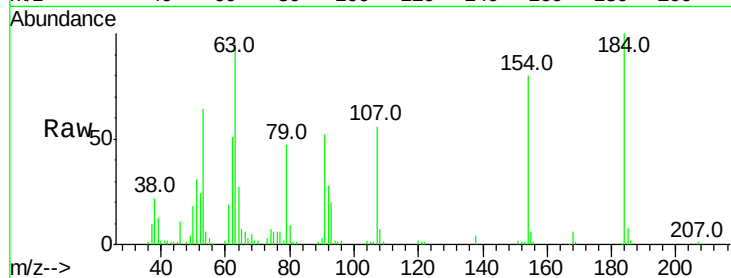
#53
2,4-Dinitrophenol
Concen: 63.627 ng
RT: 15.06 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BM015850.D
Acq: 09 Jul 2018 19:27

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

Tot Ion	Ratio	Lower	Upper
184	100		
63	94.9	69.2	103.8
154	79.5	53.3	79.9

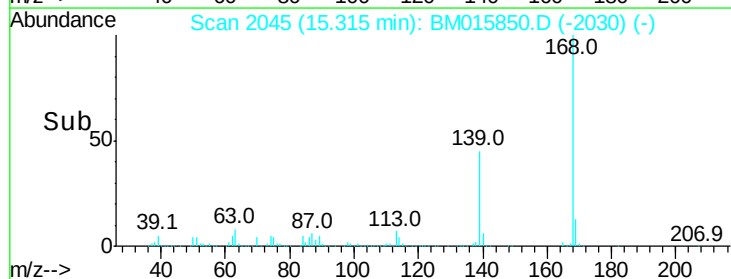
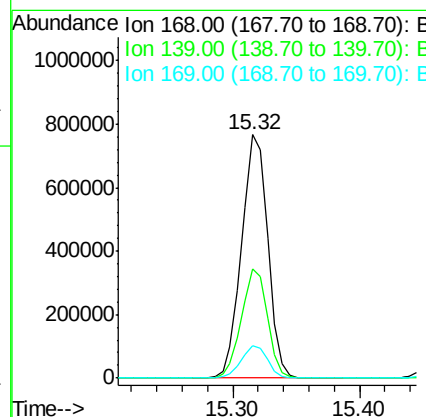
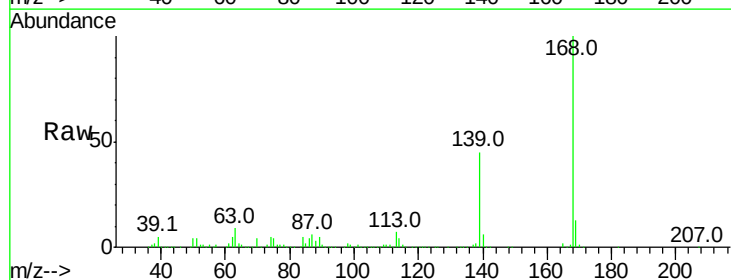
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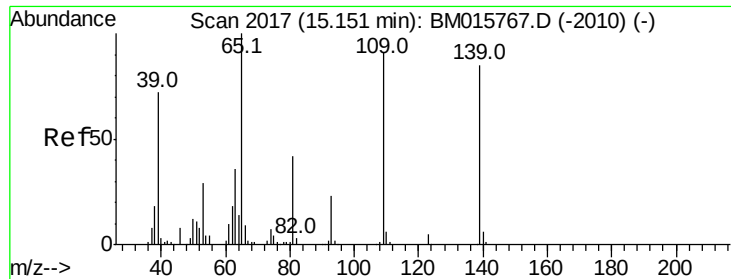
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#54
Dibenzofuran
Concen: 46.296 ng
RT: 15.32 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BM015850.D
Acq: 09 Jul 2018 19:27

Tgt Ion	Ratio	Lower	Upper
168	100		
139	45.0	27.3	40.9#
169	13.2	10.6	16.0





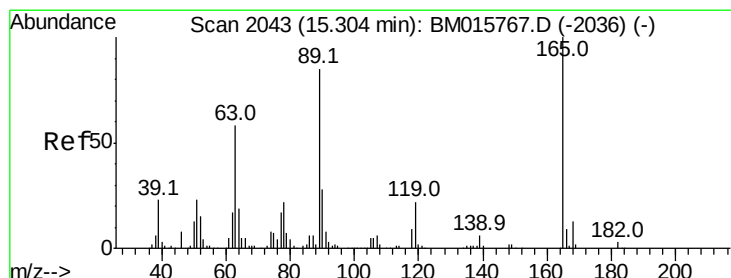
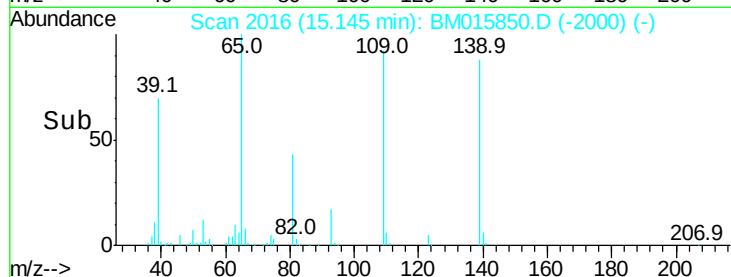
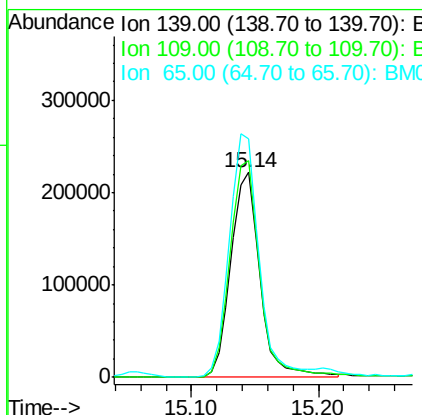
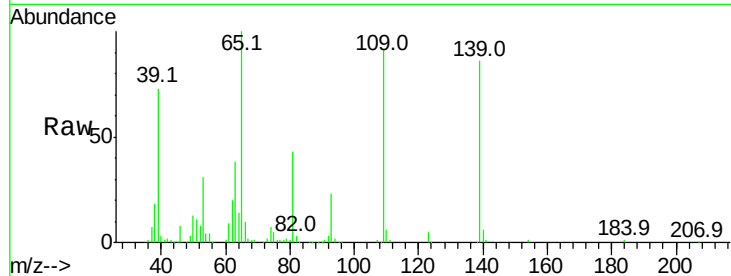
#55
4-Nitrophenol
Concen: 108.486 ng
RT: 15.14 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BM015850.D
Acq: 09 Jul 2018 19:27

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

Tot Ion:139 Resp: 352748
Ion Ratio Lower Upper
139 100
109 105.5 130.0 170.0#
65 116.2 130.0 170.0#

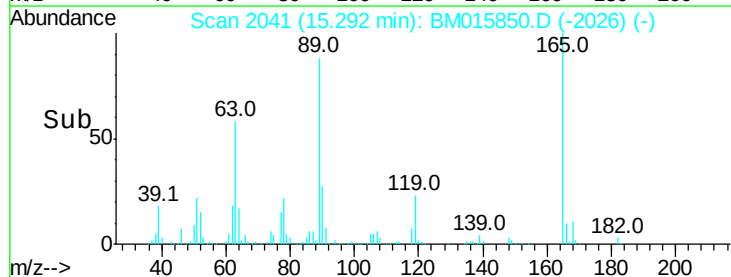
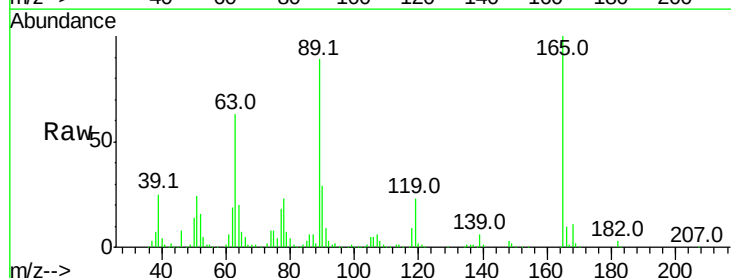
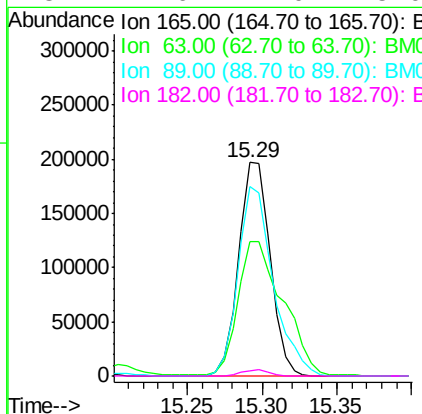
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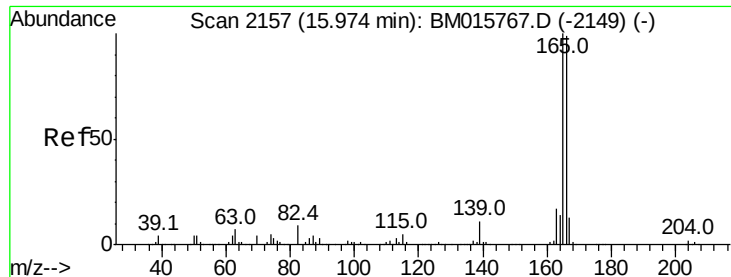
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#56
2,4-Dinitrotoluene
Concen: 49.746 ng
RT: 15.29 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BM015850.D
Acq: 09 Jul 2018 19:27

Tgt Ion:165 Resp: 289084
Ion Ratio Lower Upper
165 100
63 62.8 52.4 78.6
89 88.8 72.4 108.6
182 2.6 2.0 3.0





#57

Fluorene

Concen: 46.363 ng

RT: 15.96 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BM015850.D

Acq: 09 Jul 2018 19:27

Instrument :

BNA_M

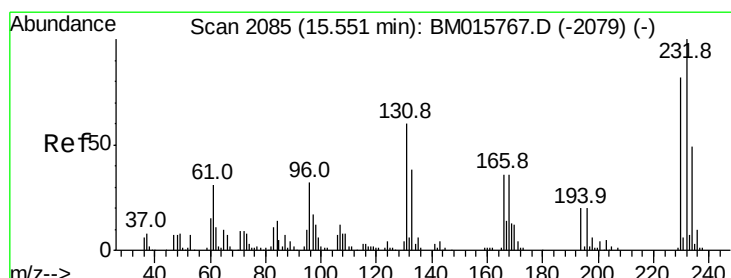
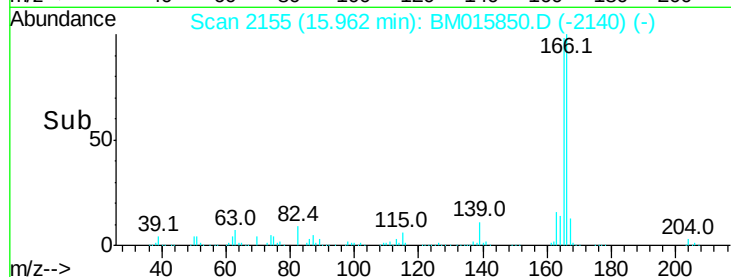
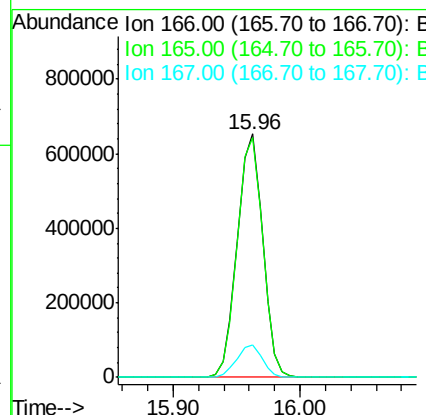
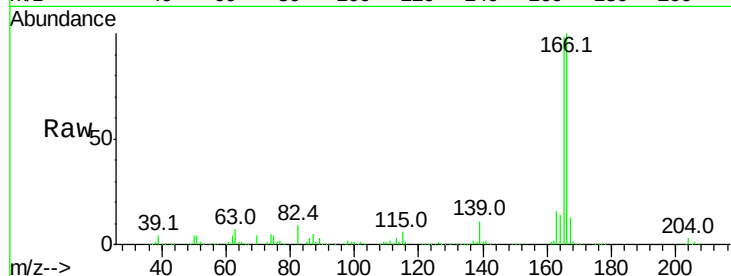
ClientSampleId :

AOC7-BTM-6-6.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.5	79.0	118.4	
167	13.1	10.3	15.5	

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 52.446 ng

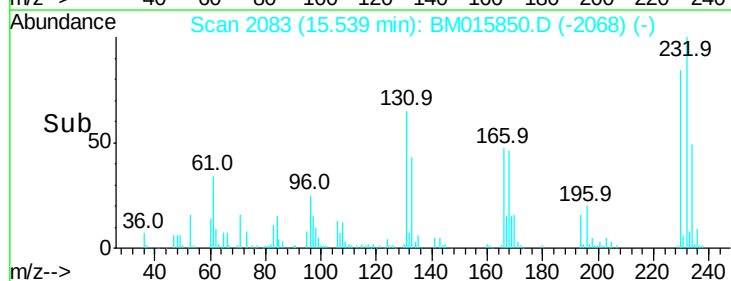
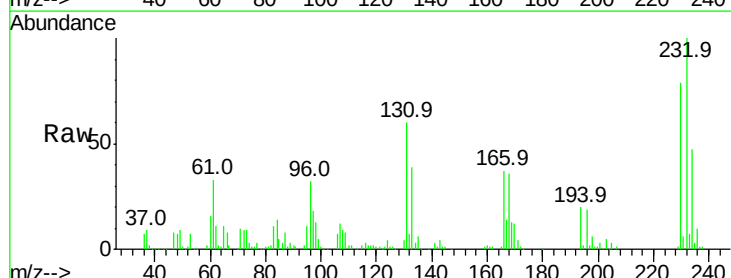
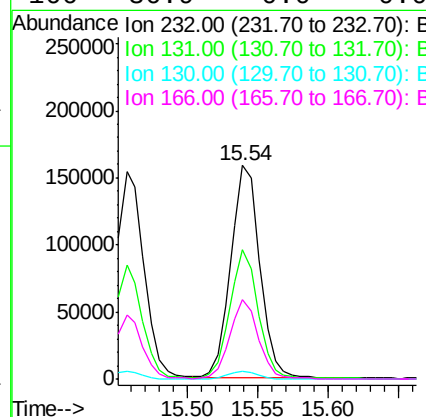
RT: 15.54 min Scan# 2083

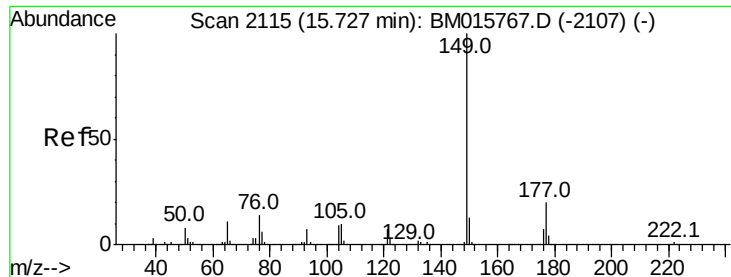
Delta R.T. -0.01 min

Lab File: BM015850.D

Acq: 09 Jul 2018 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	58.9	0.0	0.0#	
130	3.7	0.0	0.0#	
166	36.9	0.0	0.0#	





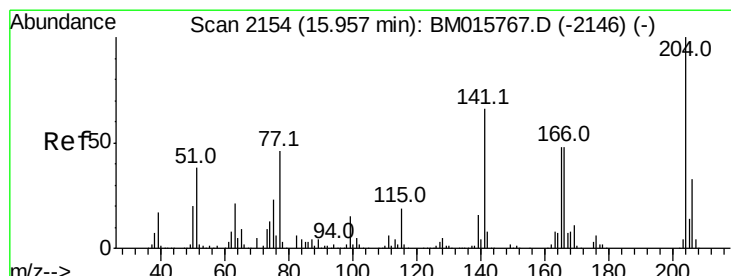
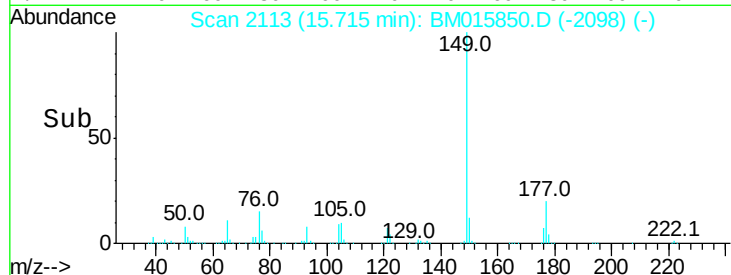
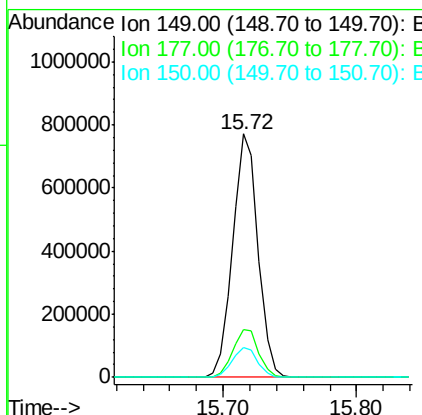
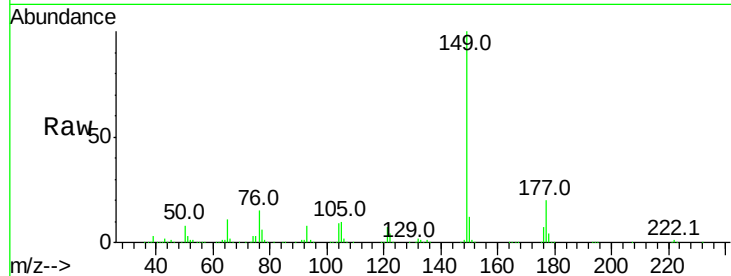
#59
Diethylphthalate
Concen: 46.077 ng
RT: 15.72 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BM015850.D
Acq: 09 Jul 2018 19:27

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

Tot Ion	Ratio	Lower	Upper
149	100		
177	19.9	18.3	27.5
150	12.4	9.8	14.8

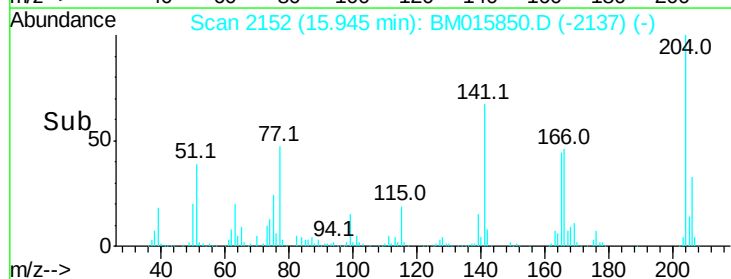
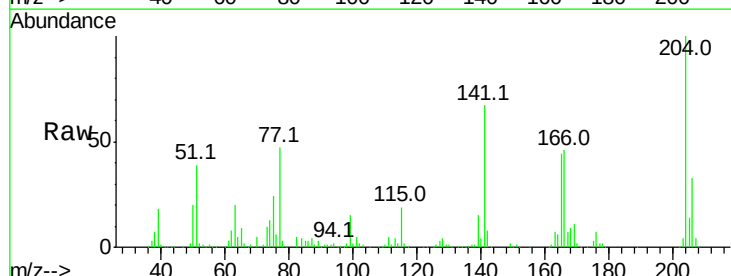
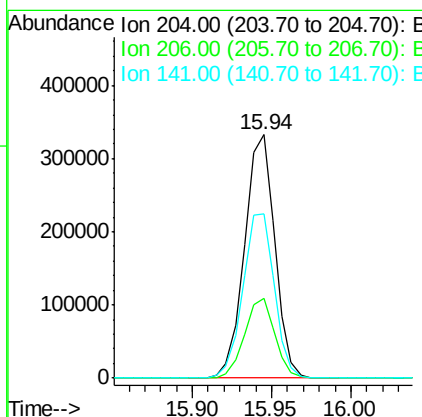
Manual Integrations
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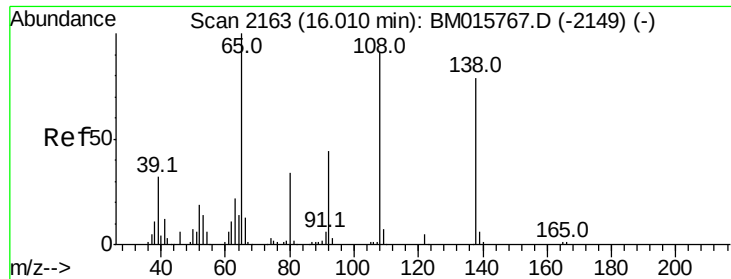
Sohil
7/10/2018 2:50:07 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.974 ng
RT: 15.94 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BM015850.D
Acq: 09 Jul 2018 19:27

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.6	39.8
141	67.5	45.2	67.8





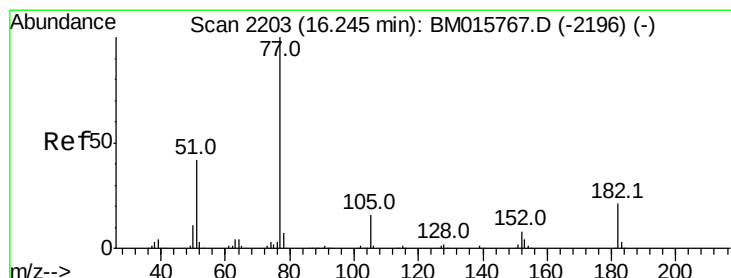
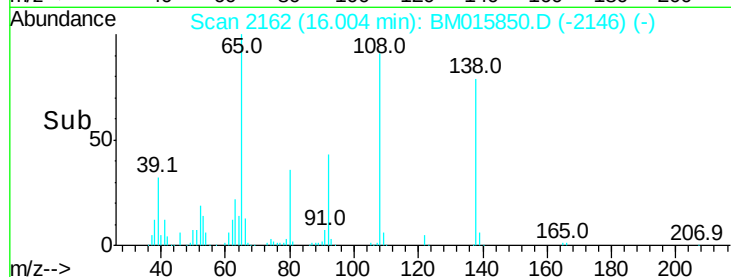
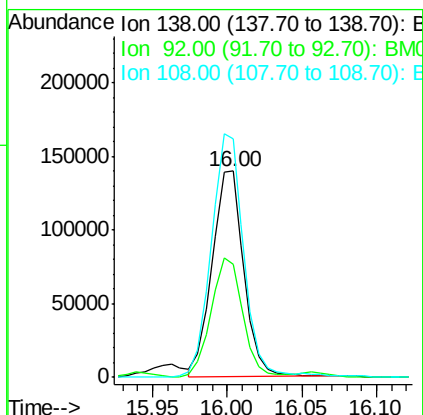
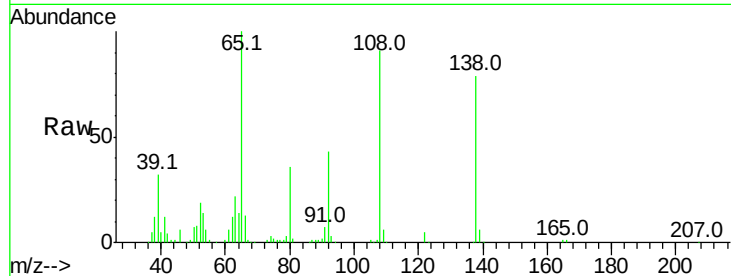
#61
4-Nitroaniline
Concen: 45.469 ng
RT: 16.00 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BM015850.D
Acq: 09 Jul 2018 19:27

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

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.8	16.7	56.7
108	116.0	37.6	77.6#

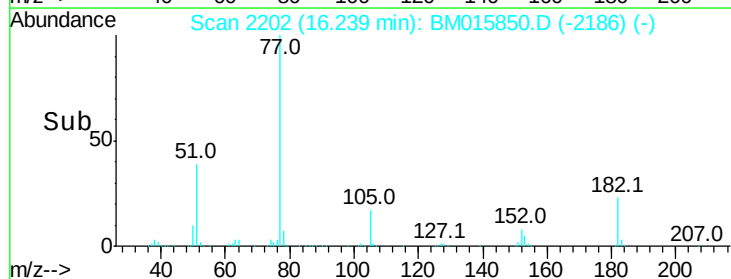
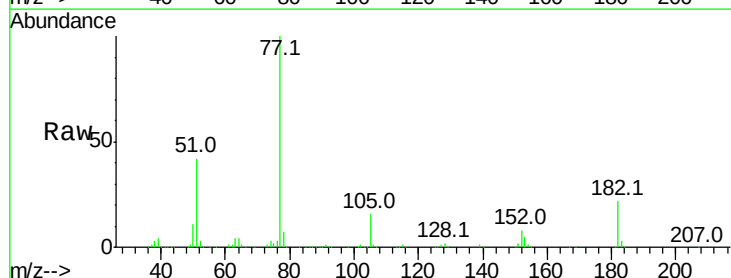
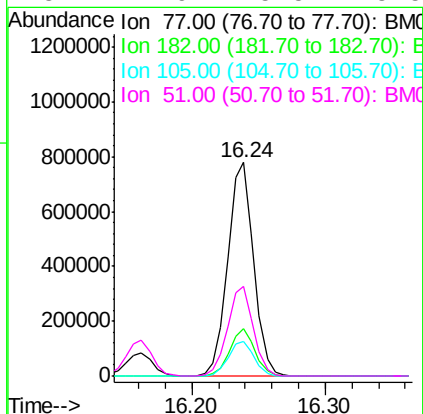
Manual Integrations
APPROVED

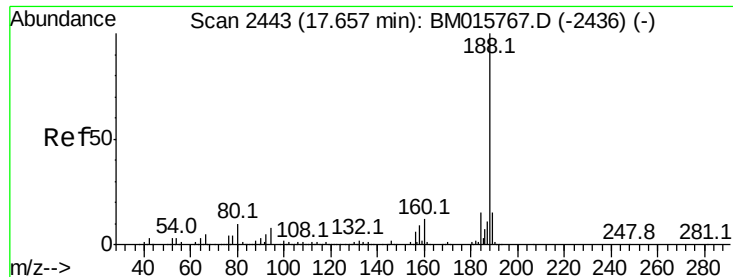
Sohil
7/10/2018 2:50:07 PM



#62
Azobenzene
Concen: 50.803 ng
RT: 16.24 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BM015850.D
Acq: 09 Jul 2018 19:27

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.1	6.5	46.5
105	16.4	3.8	43.8
51	41.9	5.5	45.5





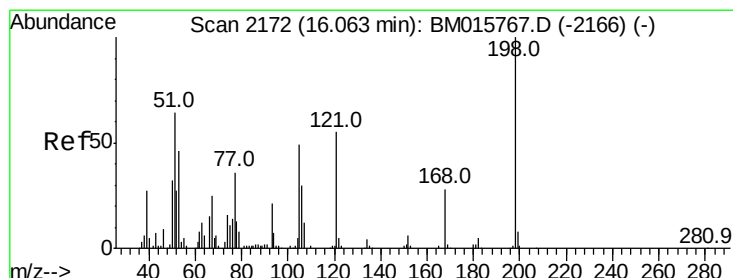
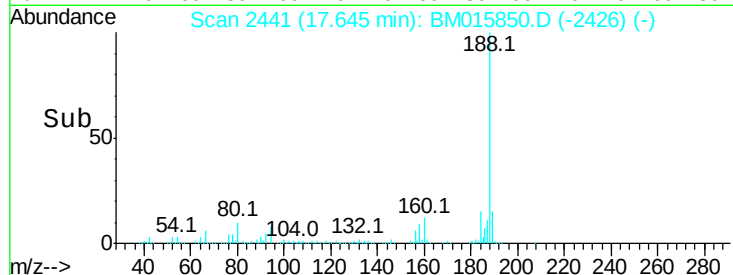
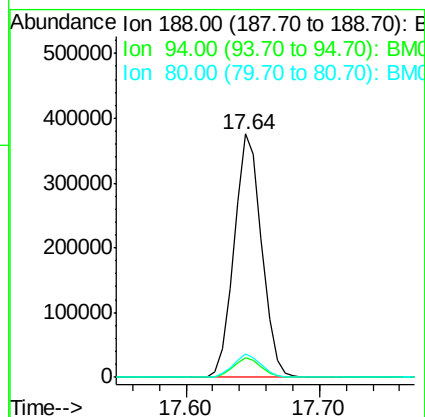
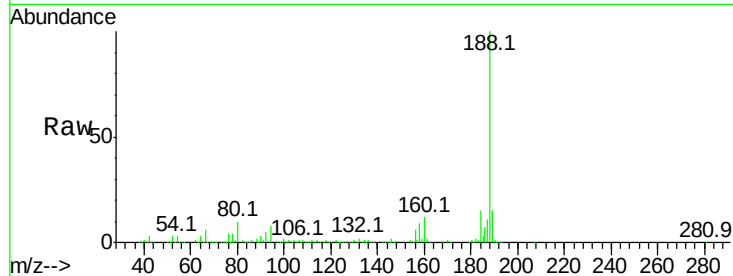
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BM015850.D
Acq: 09 Jul 2018 19:27

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

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.0	8.7	13.1#
80	9.9	9.3	13.9

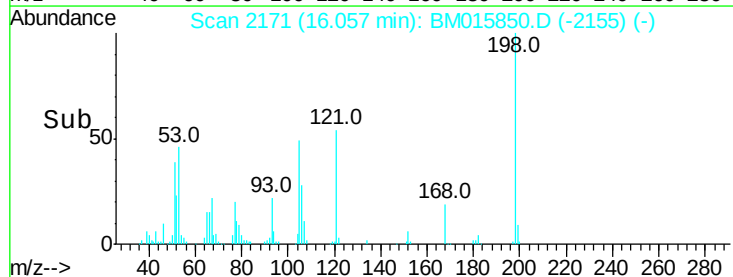
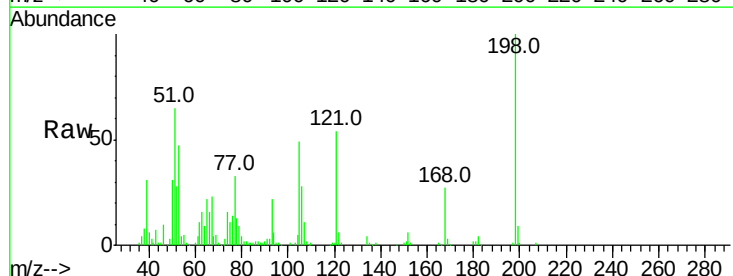
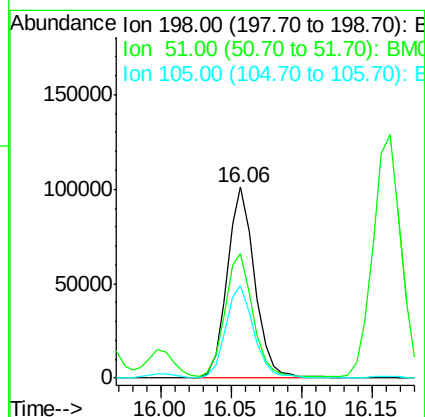
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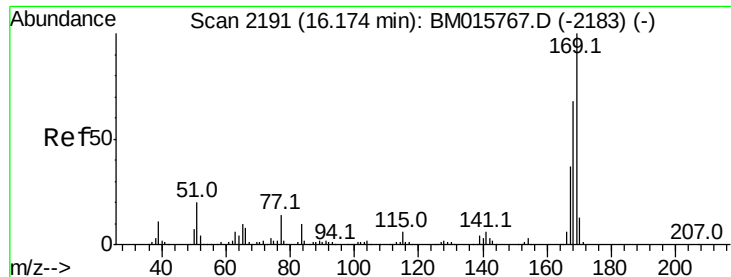
Sohil
7/10/2018 2:50:07 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 42.018 ng
RT: 16.06 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BM015850.D
Acq: 09 Jul 2018 19:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	65.0	28.8	68.8
105	48.9	30.5	70.5





#65

n-Nitrosodiphenylamine

Concen: 42.589 ng

RT: 16.16 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BM015850.D

Acq: 09 Jul 2018 19:27

Instrument :

BNA_M

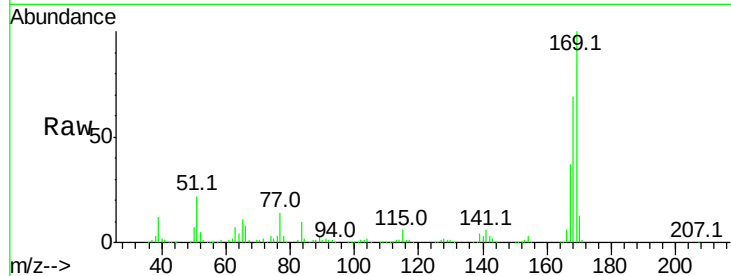
ClientSampleId :

AOC7-BTM-6-6.5MSD

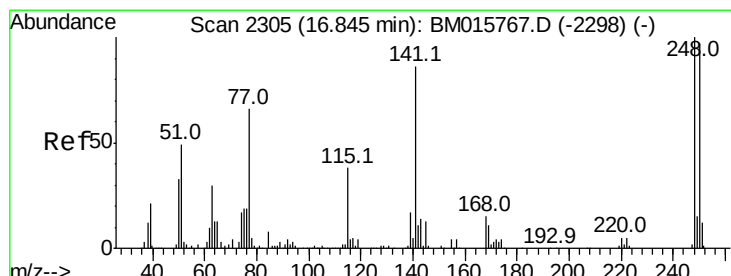
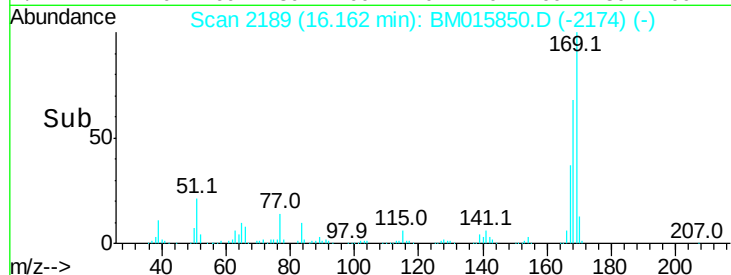
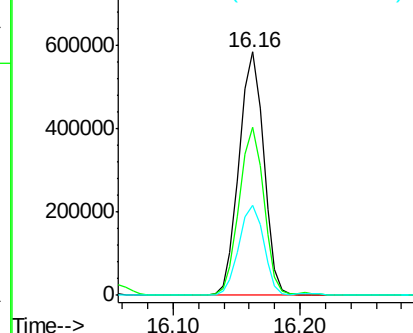
Tot Ion:	169	Resp:	783566
Ion Ratio	Lower	Upper	
169	100		
168	69.2	53.9	80.9
167	36.7	28.9	43.3

Manual Integrations
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.290 ng

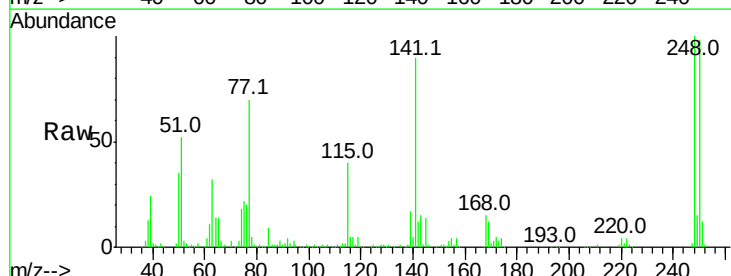
RT: 16.83 min Scan# 2303

Delta R.T. -0.01 min

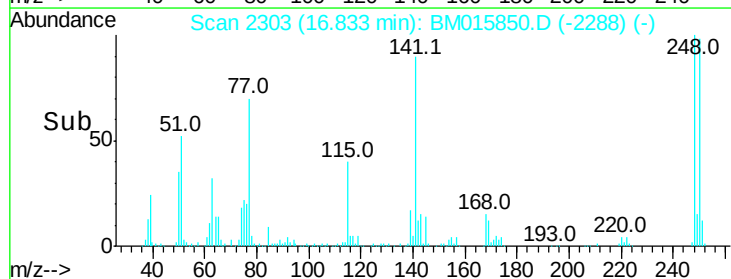
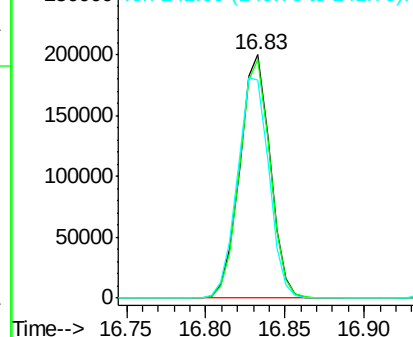
Lab File: BM015850.D

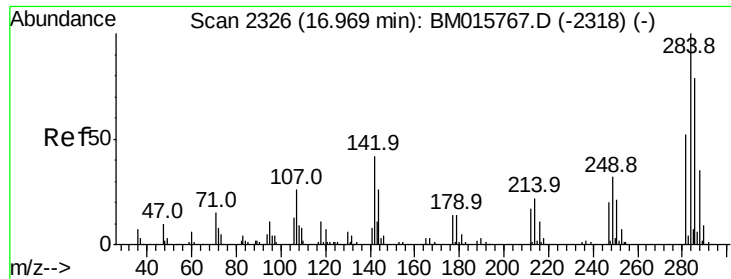
Acq: 09 Jul 2018 19:27

Tgt Ion:	248	Resp:	265522
Ion Ratio	Lower	Upper	
248	100		
250	97.8	77.4	116.0
141	89.5	45.2	67.8#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 44.274 ng

RT: 16.96 min Scan# 2324

Delta R.T. -0.01 min

Lab File: BM015850.D

Acq: 09 Jul 2018 19:27

Instrument :

BNA_M

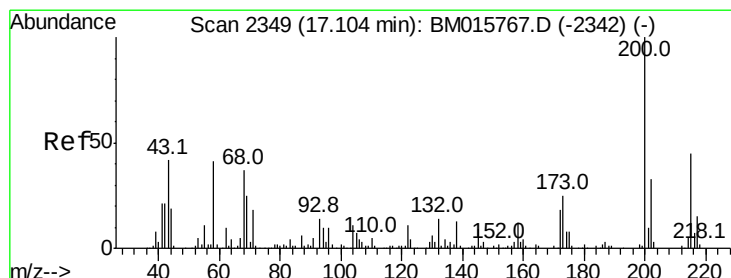
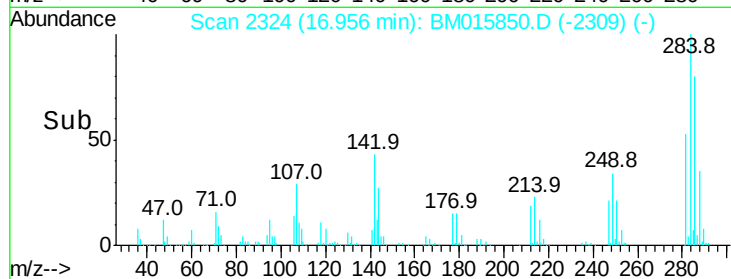
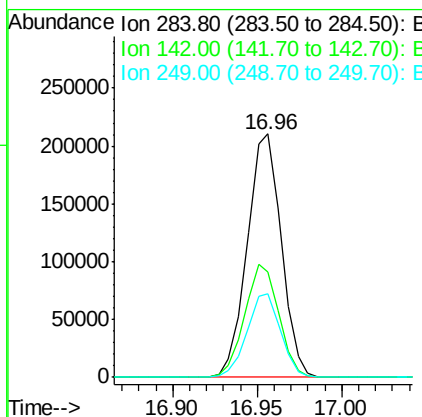
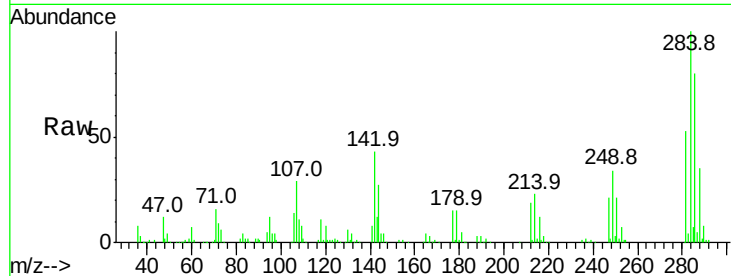
ClientSampleId :

AOC7-BTM-6-6.5MSD

Tot Ion:	284	Resp:	296597
Ion Ratio		Lower	Upper
284	100		
142	43.4	20.4	30.6#
249	34.3	23.8	35.6

Manual Integrations
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7/10/2018 2:50:07 PM



#68

Atrazine

Concen: 48.890 ng

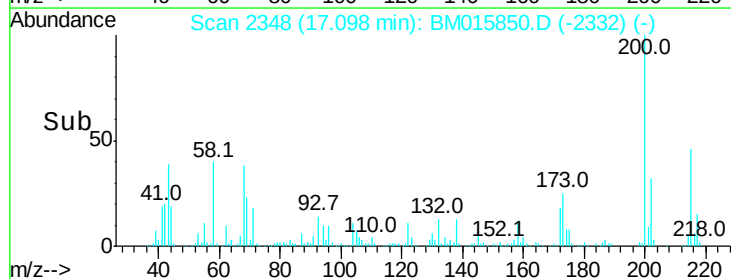
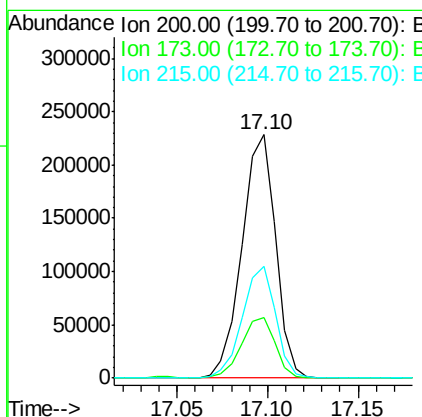
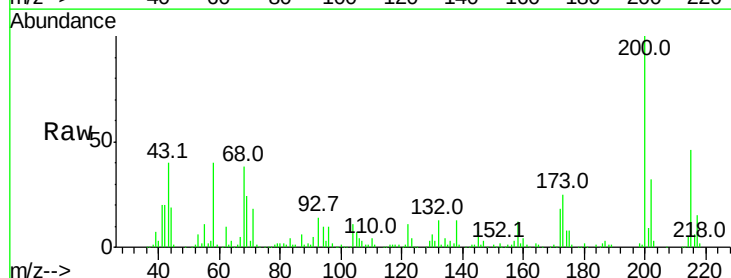
RT: 17.10 min Scan# 2348

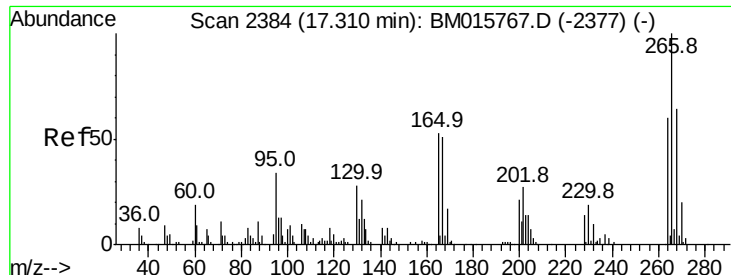
Delta R.T. -0.01 min

Lab File: BM015850.D

Acq: 09 Jul 2018 19:27

Tgt Ion:	200	Resp:	295867
Ion Ratio		Lower	Upper
200	100		
173	25.1	4.8	44.8
215	46.0	26.9	66.9





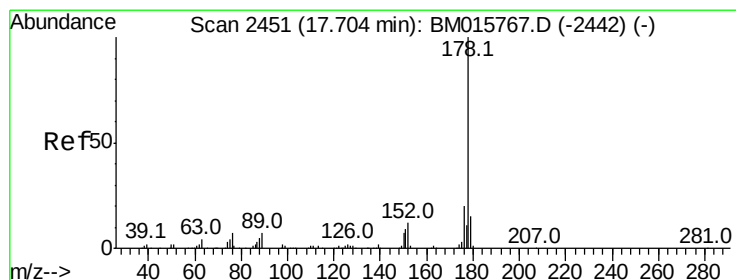
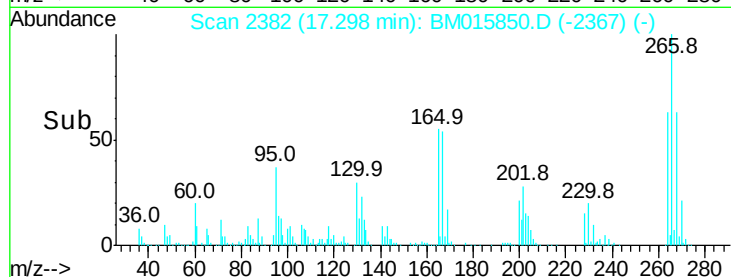
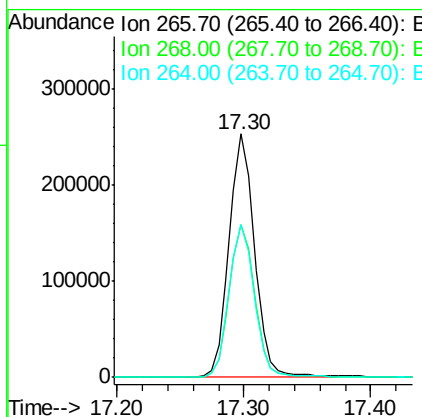
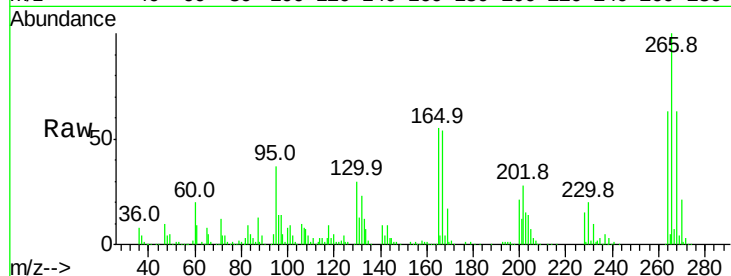
#69
 Pentachlorophenol
 Concen: 85.395 ng
 RT: 17.30 min Scan# 2382
 Delta R.T. -0.01 min
 Lab File: BM015850.D
 Acq: 09 Jul 2018 19:27

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

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.0	52.0	78.0	
264	62.6	49.0	73.4	

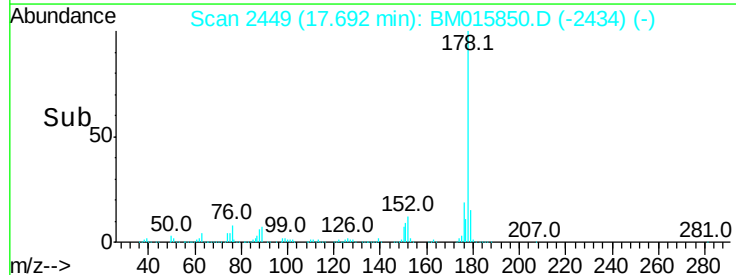
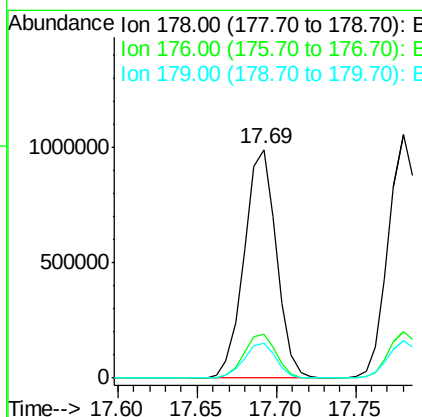
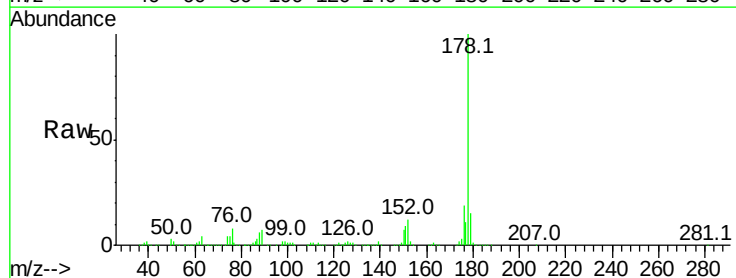
Manual Integrations
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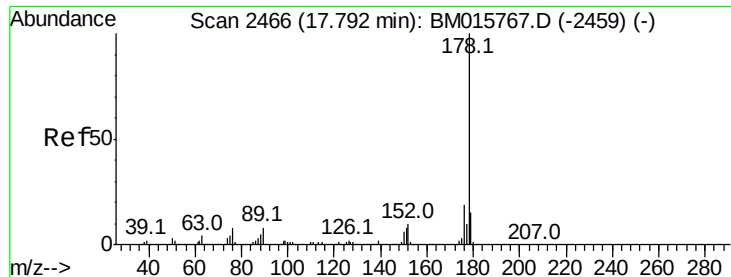
Sohil
 7/10/2018 2:50:07 PM



#70
 Phenanthrene
 Concen: 45.335 ng
 RT: 17.69 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BM015850.D
 Acq: 09 Jul 2018 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.4	15.2	22.8	
179	15.3	12.1	18.1	





#71
 Anthracene
 Concen: 47.246 ng
 RT: 17.78 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BM015850.D
 Acq: 09 Jul 2018 19:27

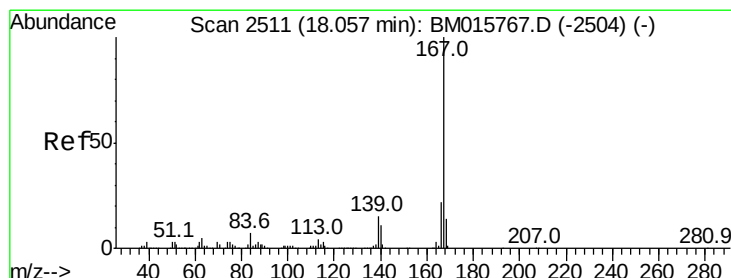
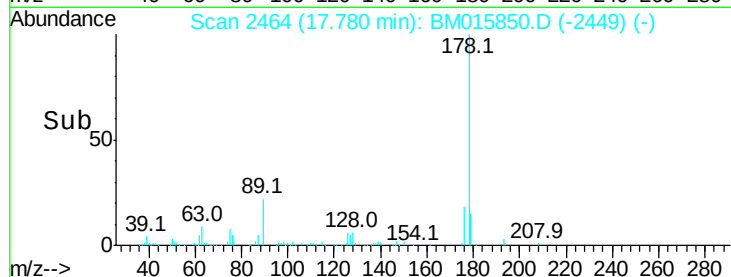
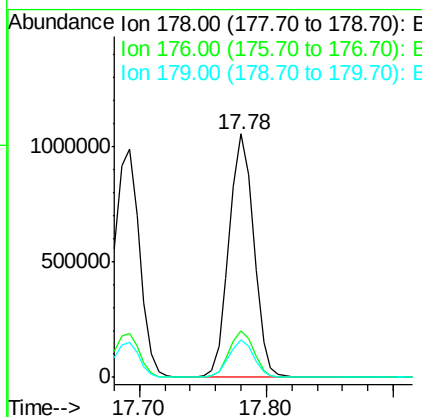
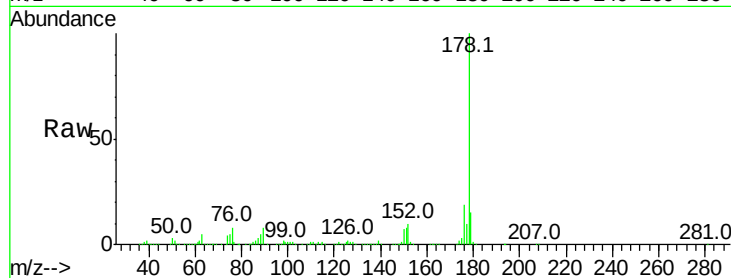
Instrument :
 BNA_M
 ClientSampleId :
 AOC7-BTM-6-6.5MSD

Tot Ion:178 Resp: 1425283

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.6	22.0
179	15.3	12.6	19.0

Manual Integrations
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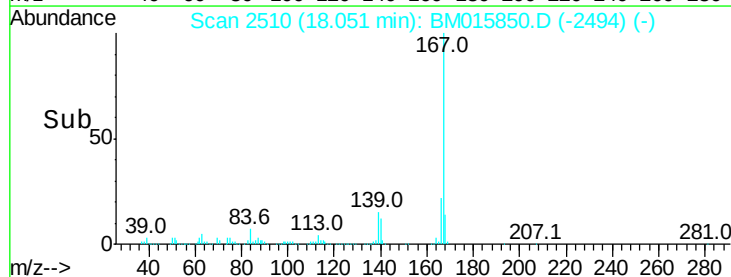
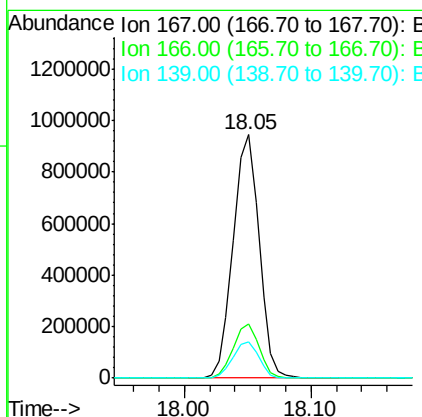
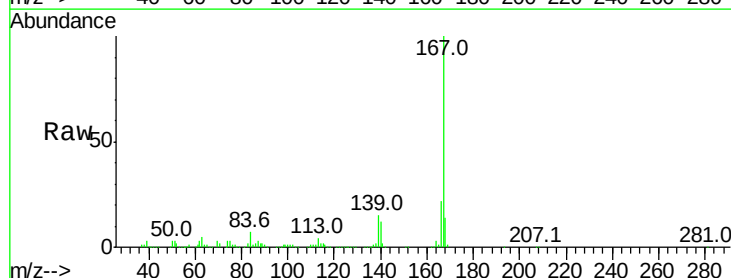
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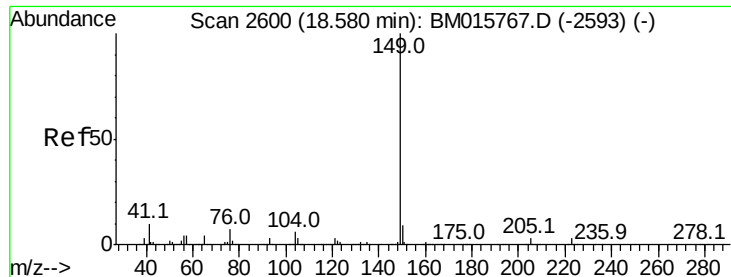


#72
 Carbazole
 Concen: 47.571 ng
 RT: 18.05 min Scan# 2510
 Delta R.T. -0.01 min
 Lab File: BM015850.D
 Acq: 09 Jul 2018 19:27

Tgt Ion:167 Resp: 1337316

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.2	25.8
139	14.9	10.8	16.2





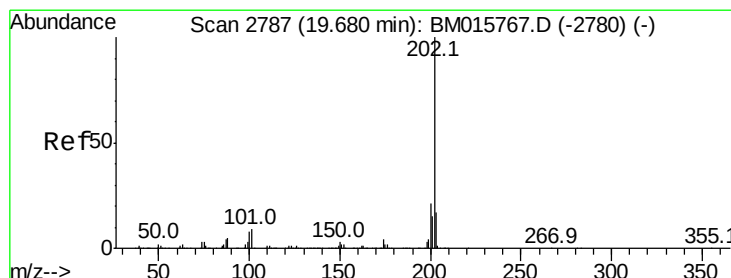
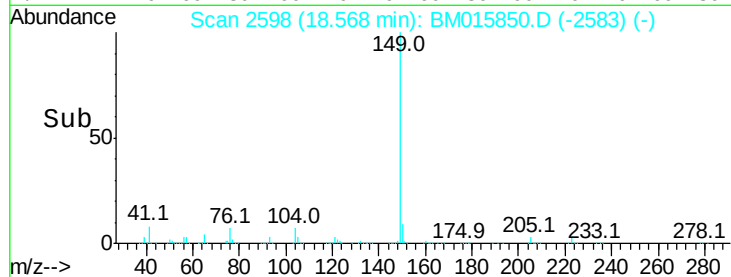
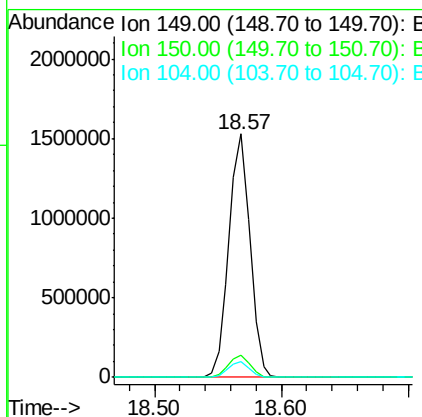
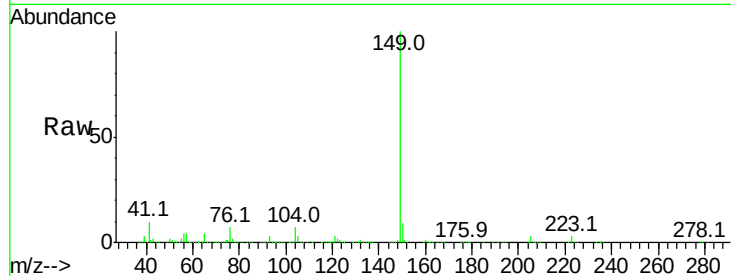
#73
Di-n-butylphthalate
Concen: 46.332 ng
RT: 18.57 min Scan# 2598
Delta R.T. -0.01 min
Lab File: BM015850.D
Acq: 09 Jul 2018 19:27

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

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	6.6	3.7	5.5

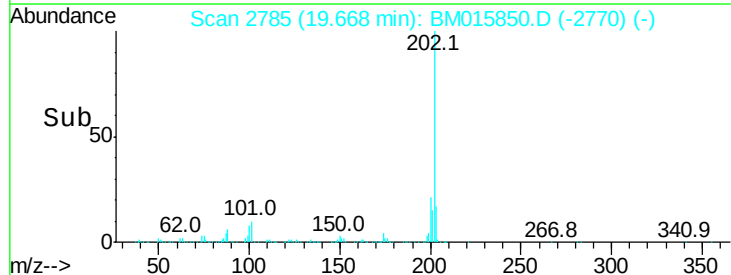
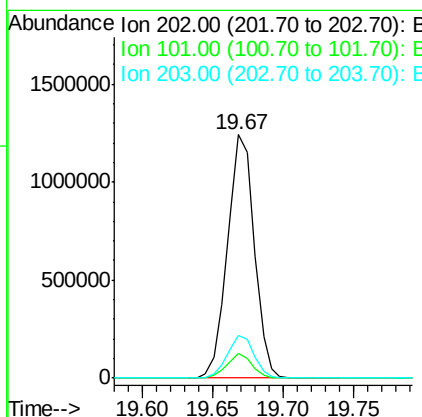
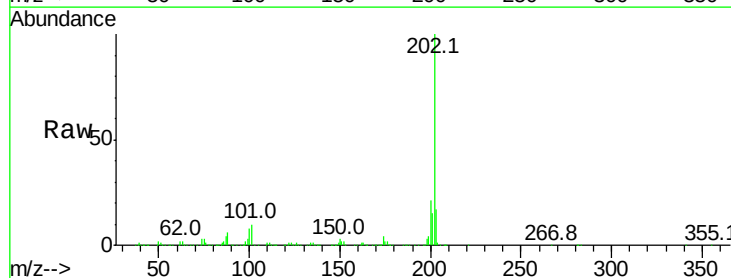
Manual Integrations
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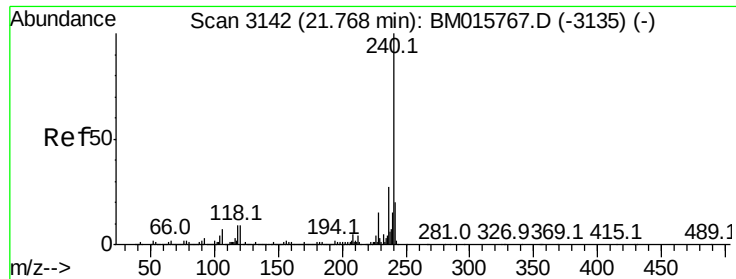
Sohil
7/10/2018 2:50:07 PM



#74
Fluoranthene
Concen: 46.461 ng
RT: 19.67 min Scan# 2785
Delta R.T. -0.01 min
Lab File: BM015850.D
Acq: 09 Jul 2018 19:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	28.7
203	17.3	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: BM015850.D

Acq: 09 Jul 2018 19:27

Instrument :

BNA_M

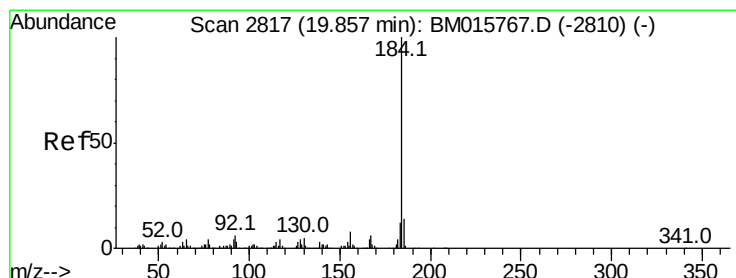
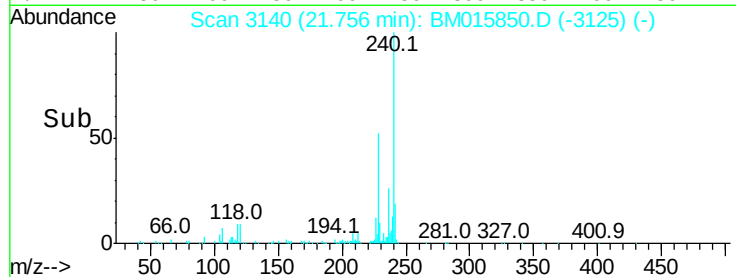
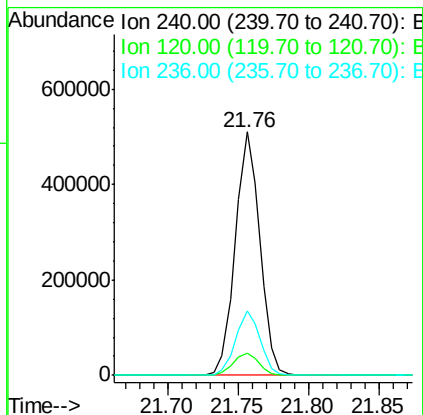
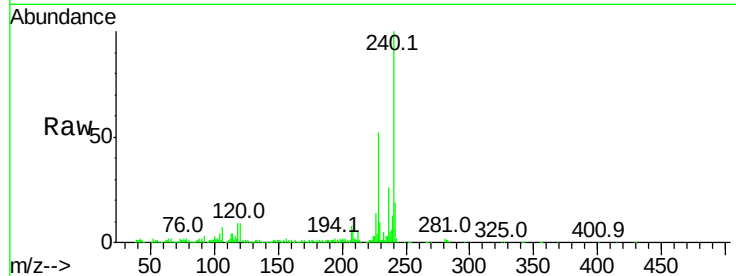
ClientSampleId :

AOC7-BTM-6-6.5MSD

Tot Ion:	240	Resp:	618068
Ion Ratio	Lower	Upper	
240	100		
120	9.3	8.2	12.2
236	26.2	20.0	30.0

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#76

Benzidine

Concen: 58.783 ng

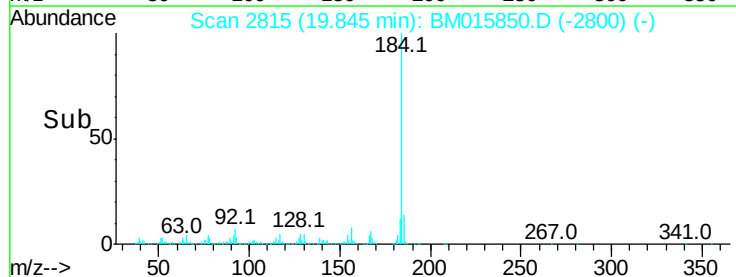
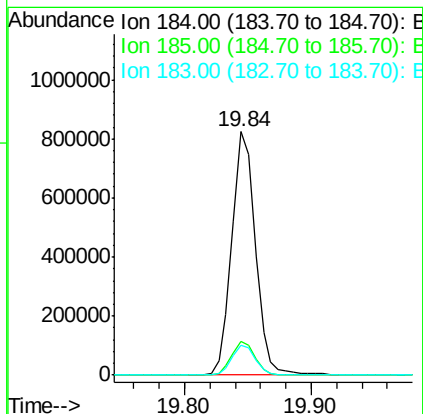
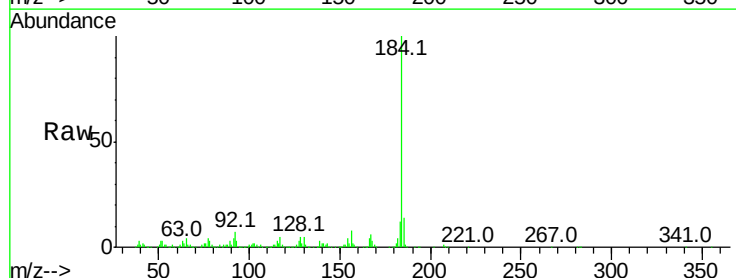
RT: 19.84 min Scan# 2815

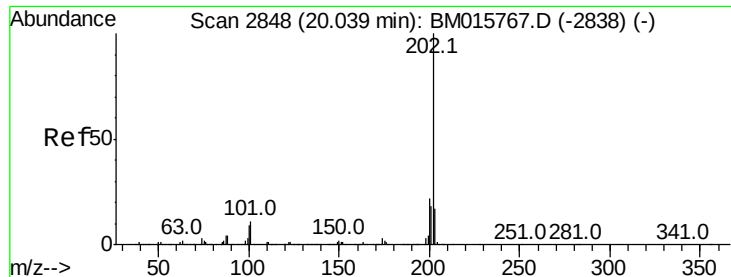
Delta R.T. -0.01 min

Lab File: BM015850.D

Acq: 09 Jul 2018 19:27

Tgt Ion:	184	Resp:	1064480
Ion Ratio	Lower	Upper	
184	100		
185	14.0	11.3	16.9
183	12.0	8.9	13.3





#77

Pvrene

Concen: 43.563 ng

RT: 20.03 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BM015850.D

Acq: 09 Jul 2018 19:27

Instrument :

BNA_M

ClientSampleId :

AOC7-BTM-6-6.5MSD

Tot Ion:202 Resp: 1677223

Ion Ratio Lower Upper

202 100

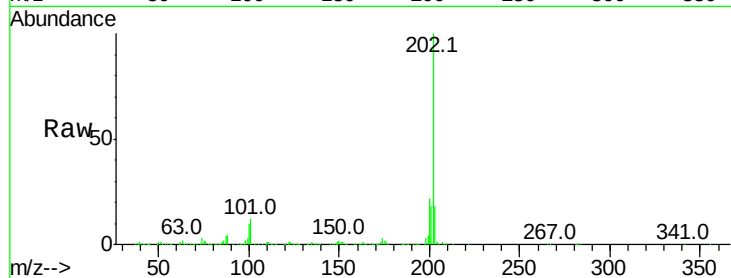
200 21.7 16.9 25.3

203 17.5 14.1 21.1

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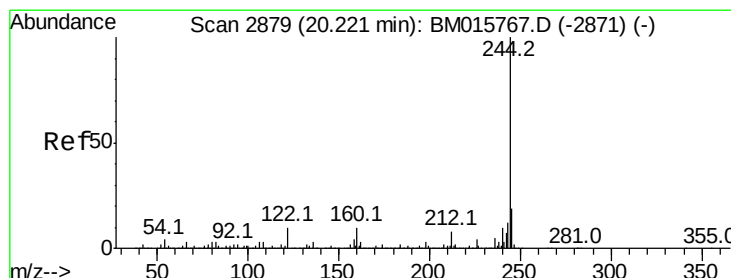
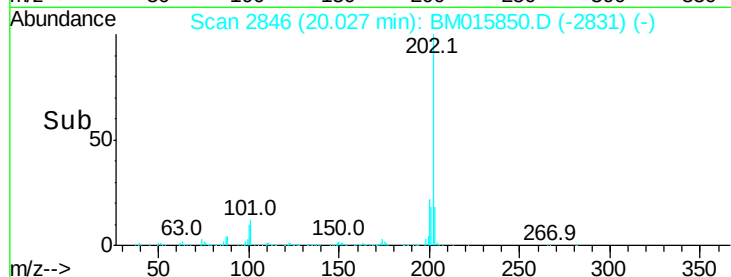
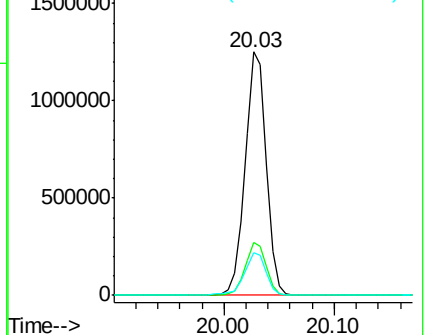
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 43.563 ng

RT: 20.21 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BM015850.D

Acq: 09 Jul 2018 19:27

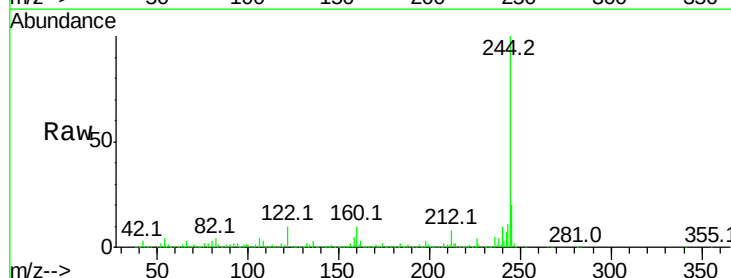
Tgt Ion:244 Resp: 2909518

Ion Ratio Lower Upper

244 100

212 8.1 4.9 7.3#

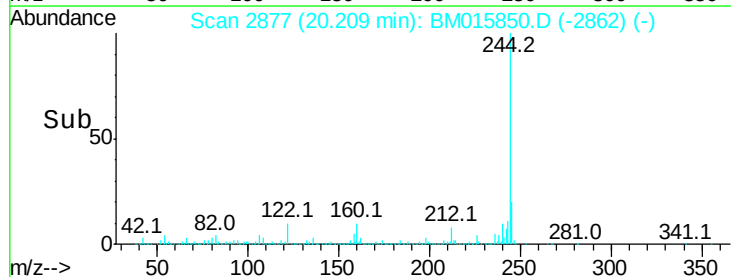
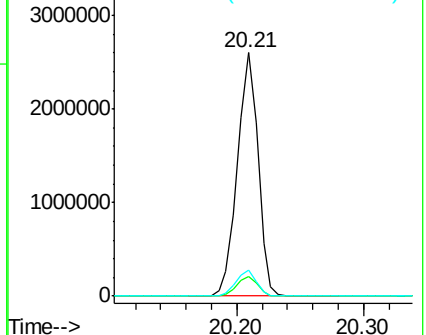
122 10.4 6.2 9.4#

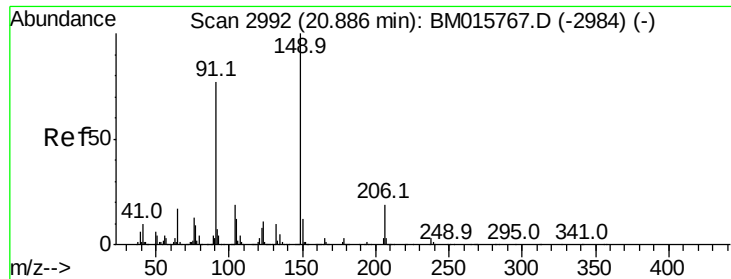


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





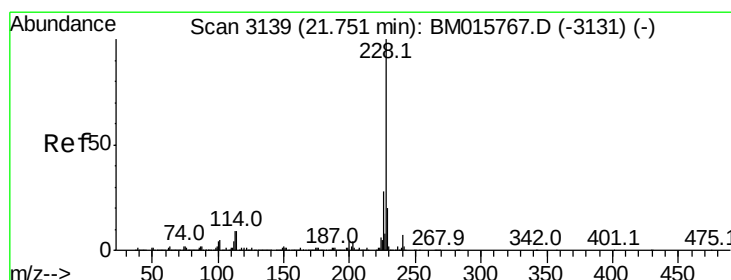
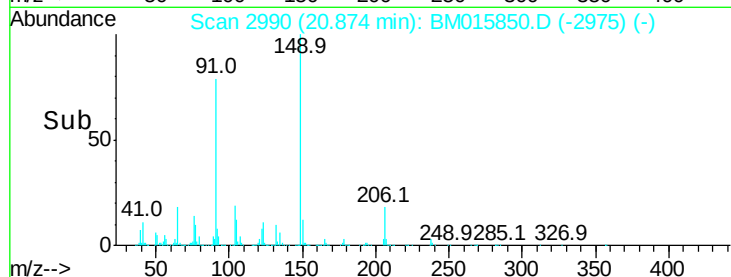
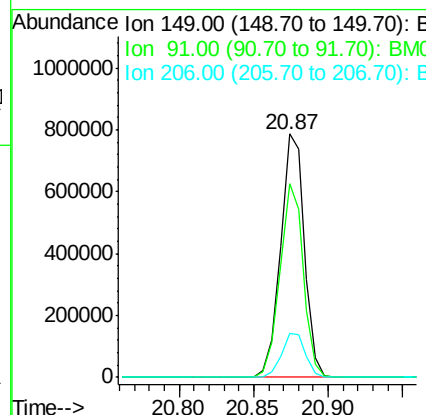
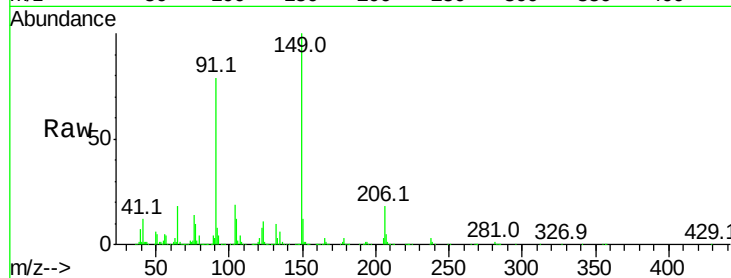
#79
Butylbenzylphthalate
Concen: 47.051 ng
RT: 20.87 min Scan# 2990
Delta R.T. -0.01 min
Lab File: BM015850.D
Acq: 09 Jul 2018 19:27

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

Tot Ion	Ratio	Lower	Upper
149	100		
91	79.3	50.1	75.1#
206	17.9	16.2	24.2

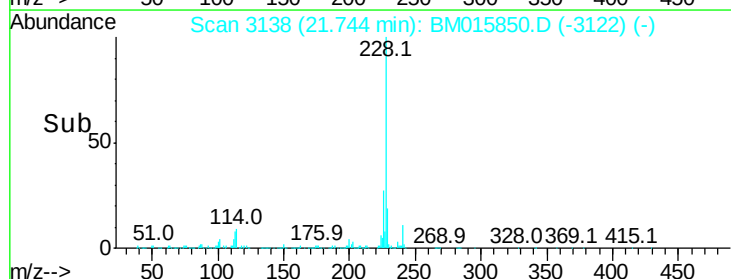
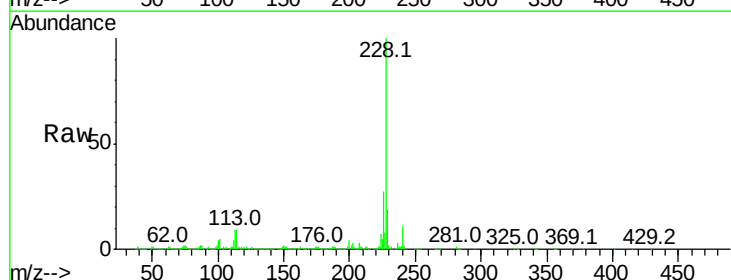
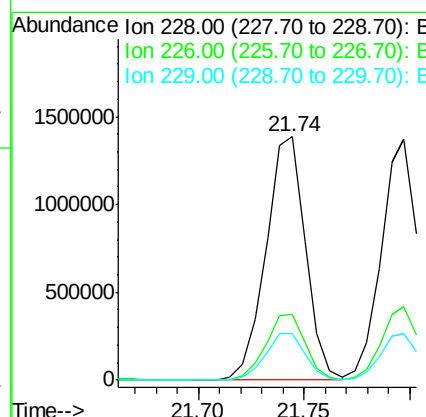
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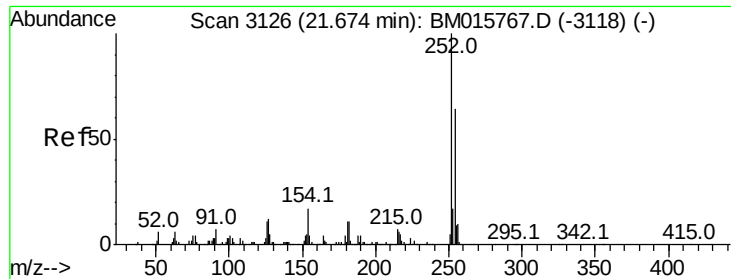
Sohil
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#80
Benzo(a)anthracene
Concen: 46.025 ng
RT: 21.74 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BM015850.D
Acq: 09 Jul 2018 19:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.7	32.5
229	19.3	16.0	24.0





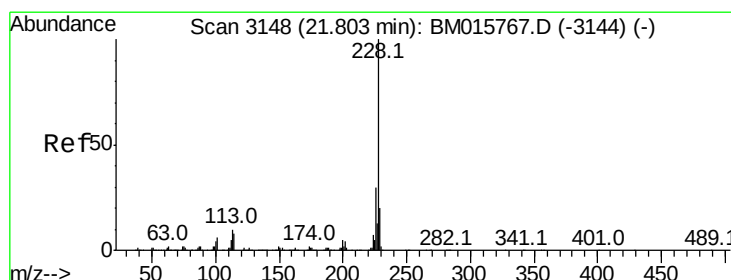
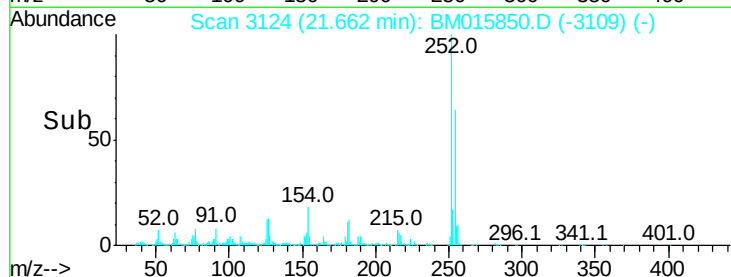
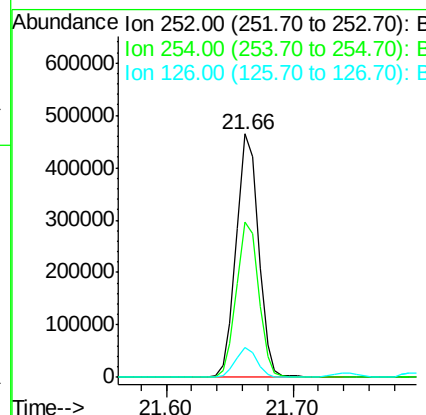
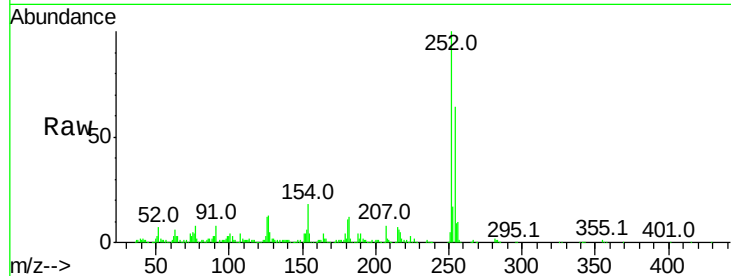
#81
 3,3'-Dichlorobenzidine
 Concen: 40.026 ng
 RT: 21.66 min Scan# 3124
 Delta R.T. -0.01 min
 Lab File: BM015850.D
 Acq: 09 Jul 2018 19:27

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

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.9	77.9
126	12.3	9.8	14.8

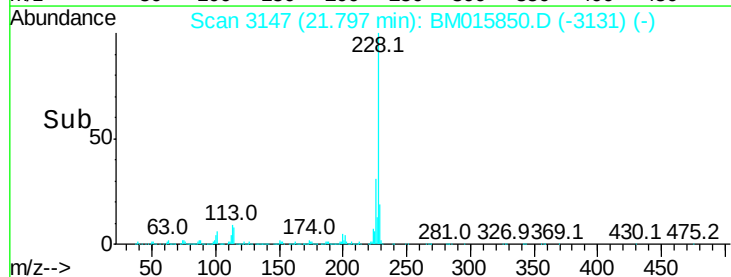
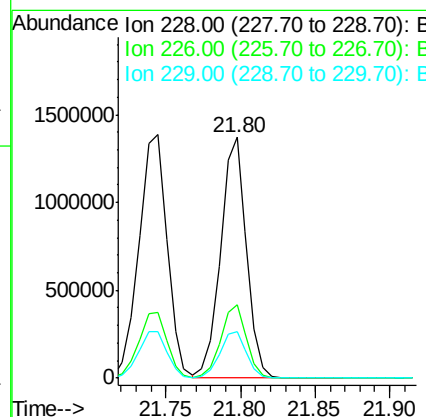
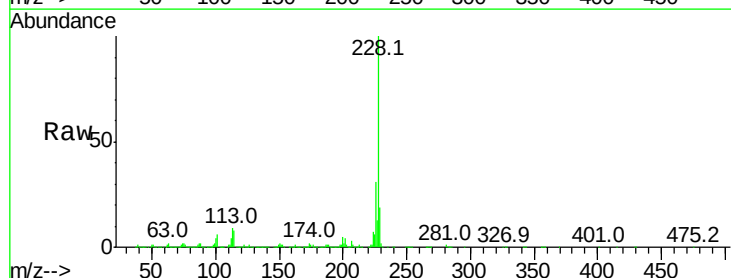
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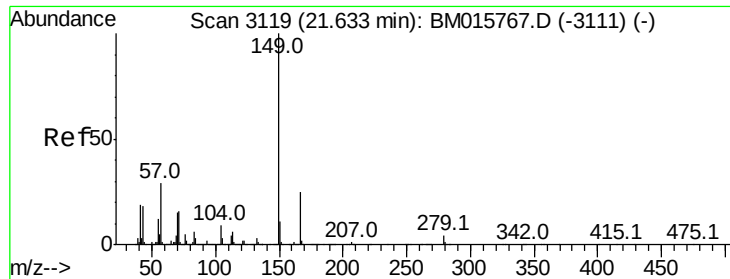
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#82
 Chrysene
 Concen: 45.428 ng
 RT: 21.80 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BM015850.D
 Acq: 09 Jul 2018 19:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.1	36.1
229	19.5	15.5	23.3





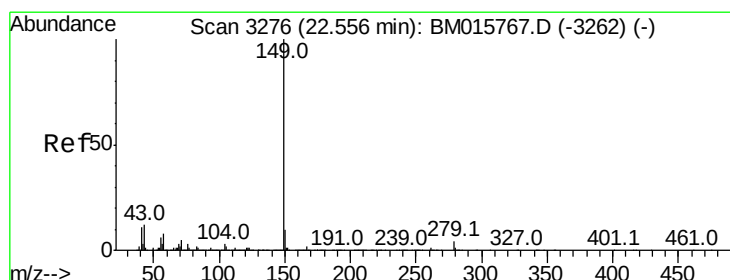
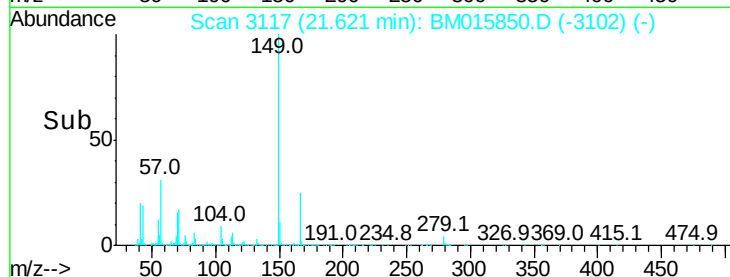
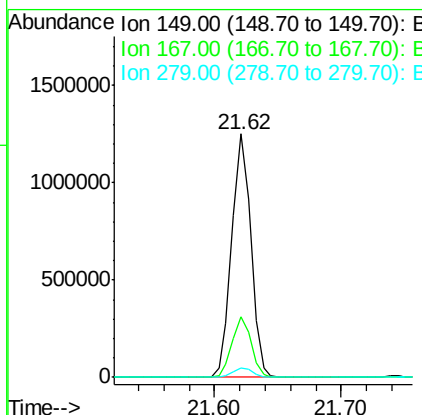
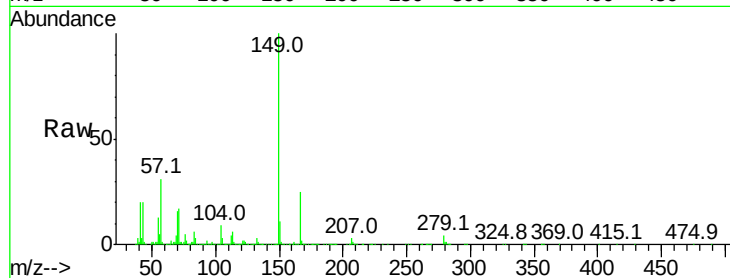
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.215 ng
 RT: 21.62 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BM015850.D
 Acq: 09 Jul 2018 19:27

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

Tot Ion	Ratio	Lower	Upper
149	100		
167	24.8	22.4	33.6
279	3.9	3.4	5.0

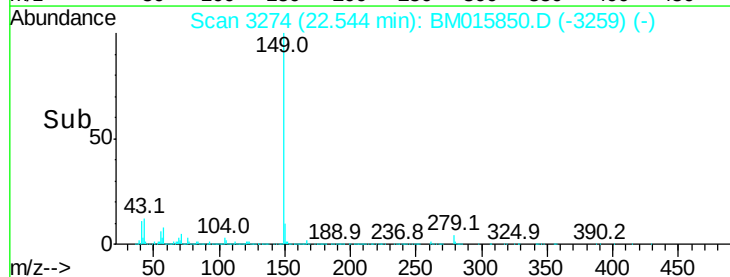
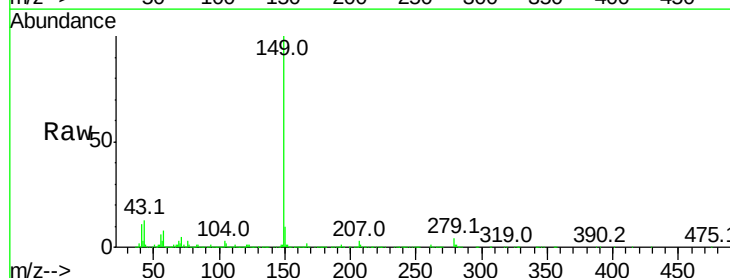
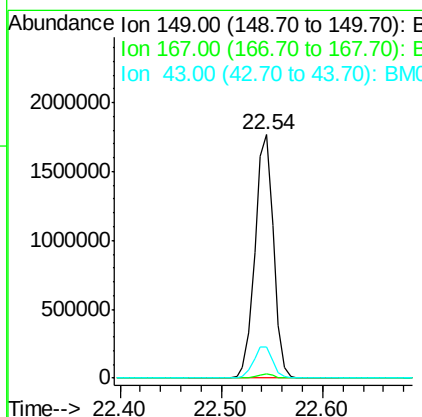
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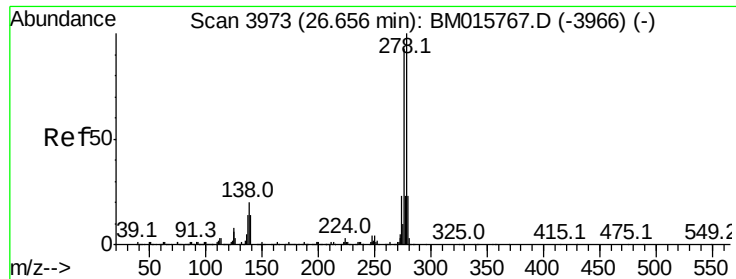
Sohil
 7/10/2018 2:50:07 PM



#84
 Di-n-octyl phthalate
 Concen: 49.653 ng
 RT: 22.54 min Scan# 3274
 Delta R.T. -0.01 min
 Lab File: BM015850.D
 Acq: 09 Jul 2018 19:27

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	13.2	7.3	10.9





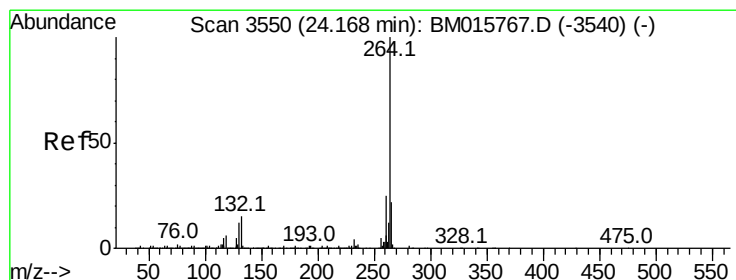
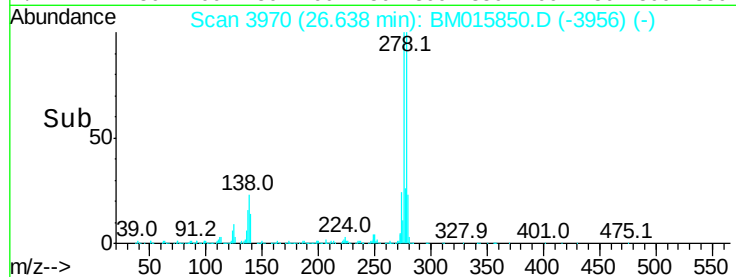
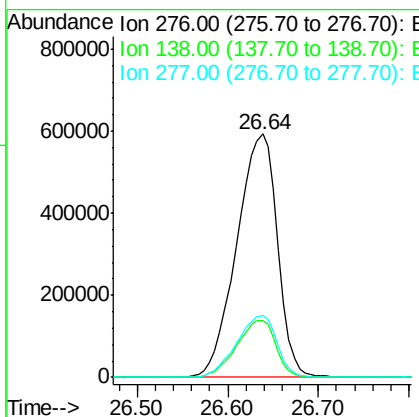
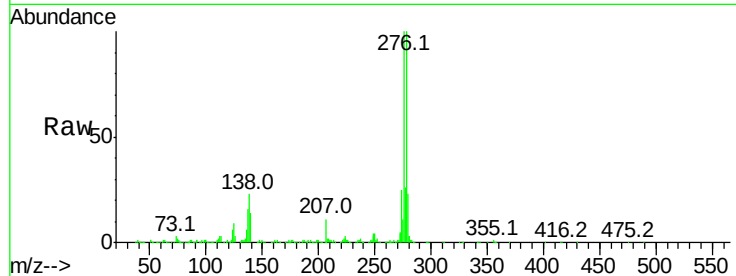
#85
Indeno(1,2,3-cd)pyrene
Concen: 54.303 ng
RT: 26.64 min Scan# 3970
Delta R.T. -0.02 min
Lab File: BM015850.D
Acq: 09 Jul 2018 19:27

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.8	12.0	18.0#
277	25.1	20.0	30.0

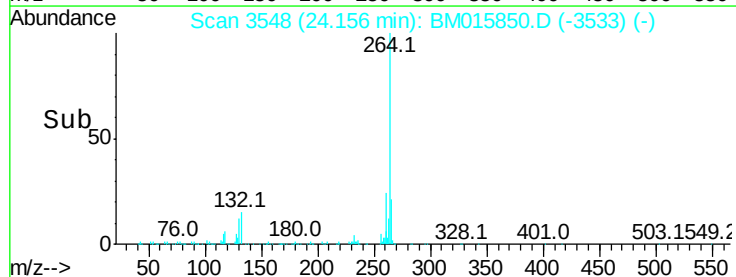
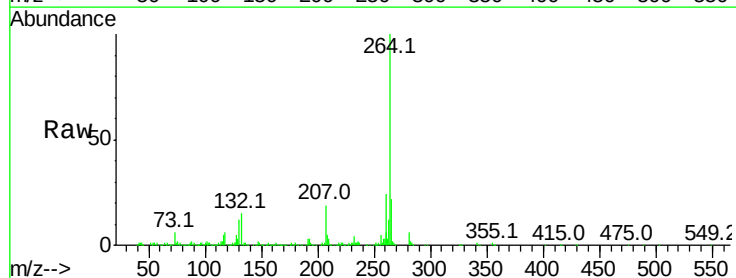
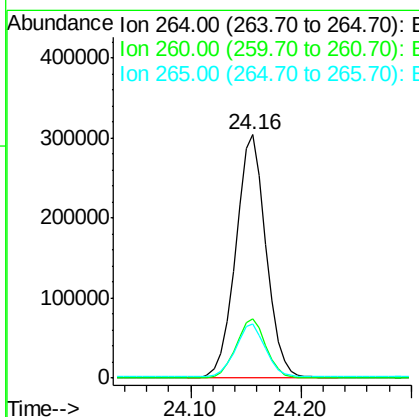
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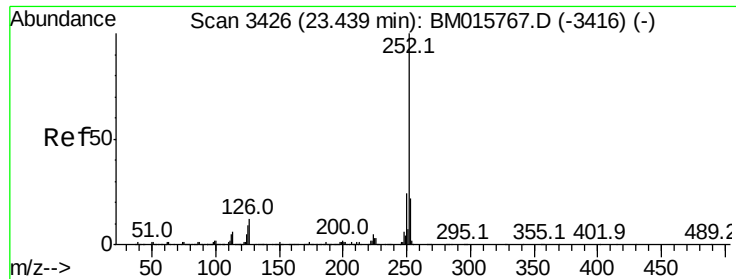
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.16 min Scan# 3548
Delta R.T. -0.01 min
Lab File: BM015850.D
Acq: 09 Jul 2018 19:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	27.8
265	22.0	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 45.388 ng

RT: 23.43 min Scan# 3424

Delta R.T. -0.01 min

Lab File: BM015850.D

Acq: 09 Jul 2018 19:27

Instrument :

BNA_M

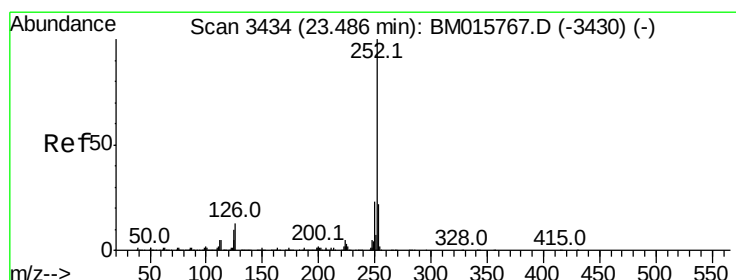
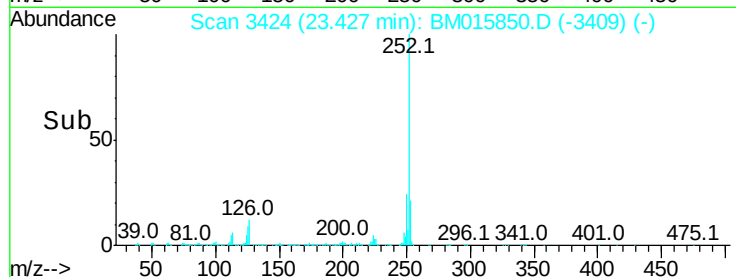
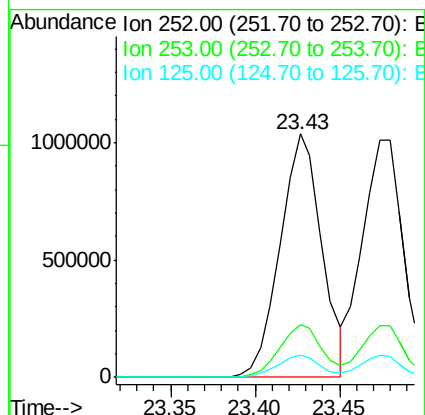
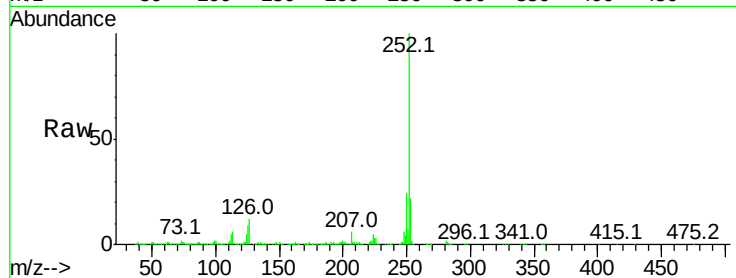
ClientSampleId :

AOC7-BTM-6-6.5MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.0	27.0
125	9.4	9.9	14.9#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 44.820 ng

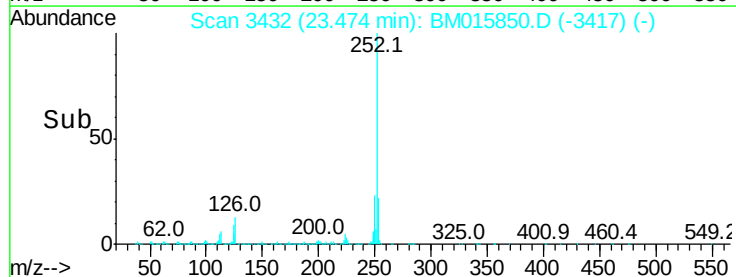
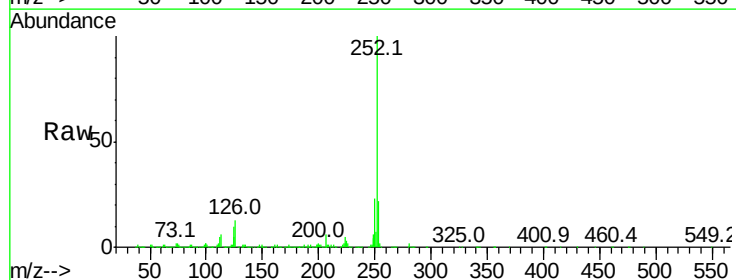
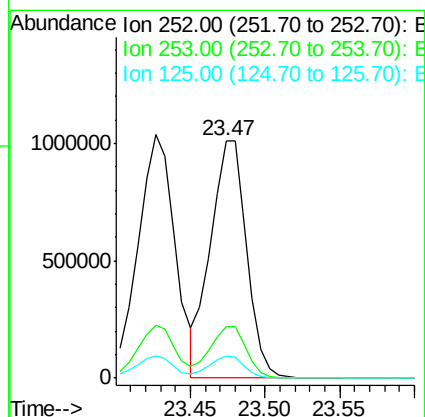
RT: 23.47 min Scan# 3432

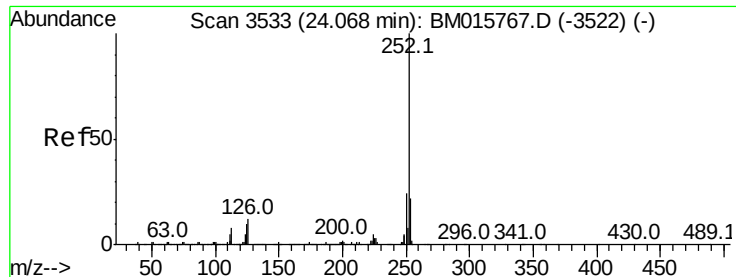
Delta R.T. -0.01 min

Lab File: BM015850.D

Acq: 09 Jul 2018 19:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	9.5	8.1	12.1





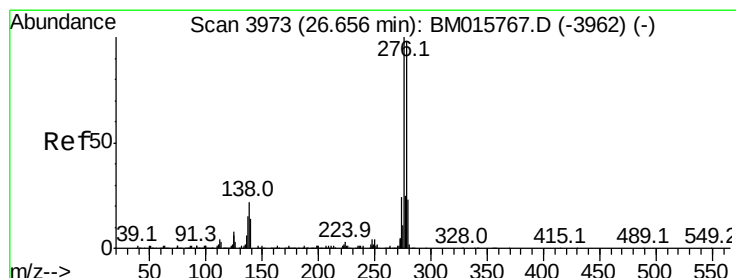
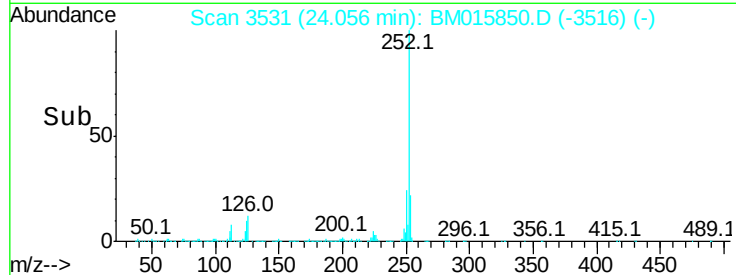
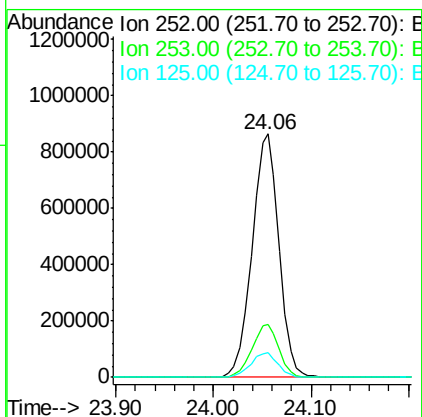
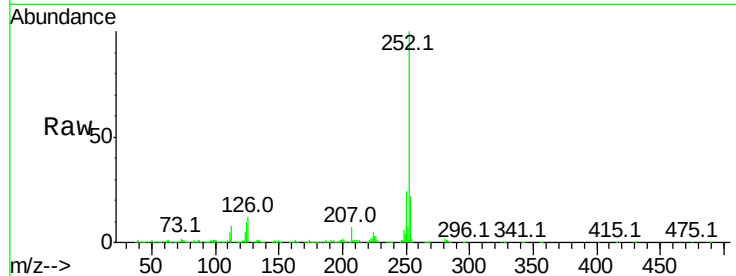
#89
Benzo(a)pyrene
Concen: 48.254 ng
RT: 24.06 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BM015850.D
Acq: 09 Jul 2018 19:27

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	10.0	7.4	11.2

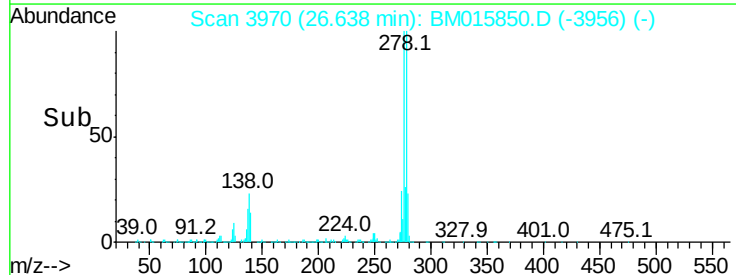
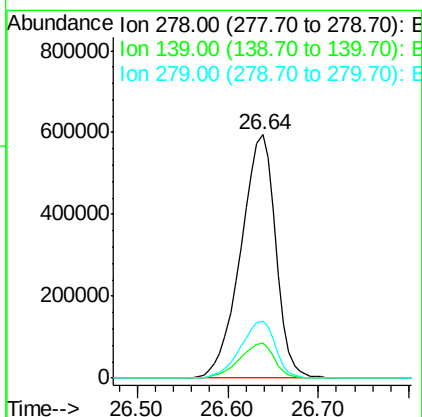
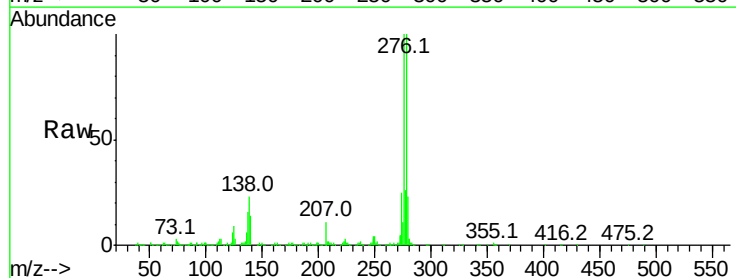
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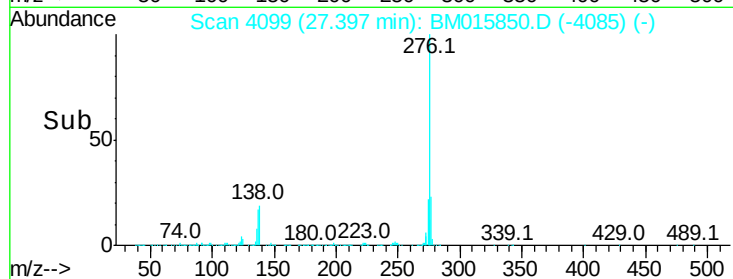
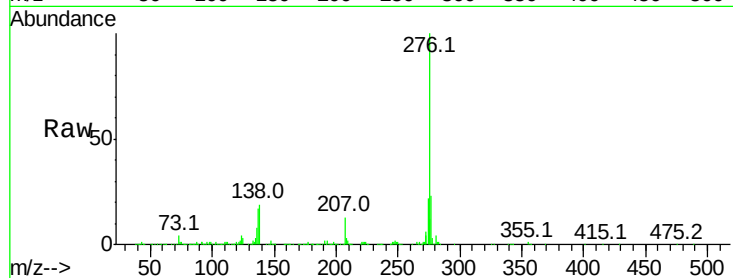
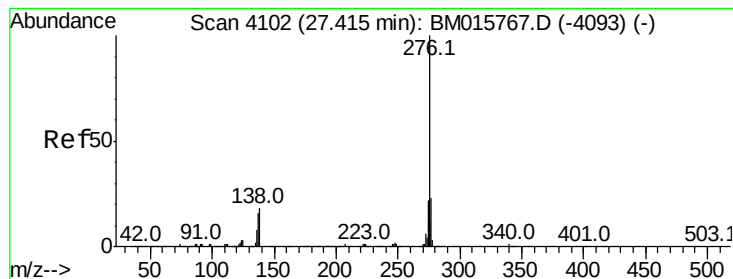
Sohil
7/10/2018 2:50:07 PM



#90
Dibenzo(a,h)anthracene
Concen: 51.107 ng
RT: 26.64 min Scan# 3970
Delta R.T. -0.02 min
Lab File: BM015850.D
Acq: 09 Jul 2018 19:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.4	13.4	20.0
279	23.4	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 51.423 ng

RT: 27.40 min Scan# 4099

Delta R.T. -0.02 min

Lab File: BM015850.D

Acq: 09 Jul 2018 19:27

Instrument :

BNA_M

ClientSampleId :

AOC7-BTM-6-6.5MSD

Tot Ion: 276 Resp: 1401236

Ion Ratio Lower Upper

276 100

277 23.5 18.5 27.7

138 18.5 19.0 28.6#

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