

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
 Data File : BM016434.D
 Acq On : 17 Aug 2018 11:58
 Operator : SJ/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

Manual Integrations
 APPROVED

Sohil
 8/20/2018 4:17:02 PM

Quant Time: Aug 17 16:20:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM081718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 17 14:37:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	14817	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	59728	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	37839	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	93476	20.00	ng	0.00
75) Chrysene-d12	21.59	240	101713	20.00	ng	0.00
86) Perylene-d12	23.90	264	96051	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	0.00	112	0d	0.00	ng	
7) Phenol-d6	0.00	99	0d	0.00	ng	
23) Nitrobenzene-d5	9.26	82	5525	4.30	ng	0.01
41) 2,4,6-Tribromophenol	0.00	330	0d	0.00	ng	
44) 2-Fluorobiphenyl	13.32	172	15392	4.95	ng	0.00
78) Terphenyl-d14	0.00	244	0d	0.00	ng	

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	1131	2.706	ng	# 100
6) Aniline	7.41	93	2499	1.863	ng	# 89
9) Benzaldehyde	7.25	77	1646	2.011	ng	# 67
12) 1,3-Dichlorobenzene	7.95	146	2834	2.284	ng	# 79
13) 1,4-Dichlorobenzene	8.10	146	2687	2.135	ng	# 93
14) 1,2-Dichlorobenzene	8.42	146	2325	1.888	ng	# 55
18) Hexachloroethane	9.13	117	1249	2.296	ng	# 82
19) n-Nitroso-di-n-propylamine	8.88	70	1630	1.914	ng	# 67
22) Acetophenone	8.93	105	3062	2.036	ng	# 62
24) Nitrobenzene	9.30	77	2829	2.189	ng	# 79
25) Isophorone	9.81	82	4059	2.311	ng	# 92
27) 2,4-Dimethylphenol	10.07	122	1461	1.943	ng	# 78
28) bis(2-Chloroethoxy)methane	10.29	93	2156	1.888	ng	# 90
30) 1,2,4-Trichlorobenzene	10.73	180	2755	2.538	ng	# 76
31) Naphthalene	10.93	128	6913	2.287	ng	# 98
34) Hexachlorobutadiene	11.17	225	2159	2.868	ng	# 91
37) 2-Methylnaphthalene	12.53	142	4573	2.258	ng	# 68
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	3346	2.597	ng	# 100
45) 1,1'-Biophenyl	13.53	154	7801	2.284	ng	# 93
46) 2-Chloronaphthalene	13.59	162	6050	2.278	ng	# 86
48) Acenaphthylene	14.43	152	8634	2.221	ng	# 95
49) Dimethylphthalate	14.16	163	8232	2.486	ng	# 97
50) 2,6-Dinitrotoluene	14.30	165	1287	1.932	ng	# 16
51) Acenaphthene	14.77	154	5655	2.365	ng	# 89
54) Dibenzofuran	15.11	168	8859	2.248	ng	# 73
57) Fluorene	15.75	166	6866	2.345	ng	# 98
58) 2,3,4,6-Tetrachlorophenol	15.34	232	1737	2.431	ng	# 100
59) Diethylphthalate	15.51	149	9388	2.630	ng	# 92
60) 4-Chlorophenyl-phenylether	15.74	204	4221	2.589	ng	# 87
62) Azobenzene	16.03	77	10695	2.845	ng	# 68
65) n-Nitrosodiphenylamine	15.96	169	6364	2.068	ng	# 98
66) 4-Bromophenyl-phenylether	16.63	248	2524	2.385	ng	# 74
67) Hexachlorobenzene	16.75	284	2329	1.998	ng	# 1
68) Atrazine	16.90	200	2563	2.323	ng	# 86

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Manual Integrations
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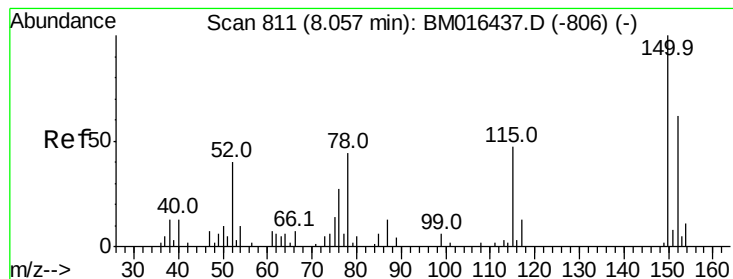
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

70) Phenanthrene	17.49	178	11196	2.139	nq	# 88
71) Anthracene	17.58	178	10343	2.034	nq	97
72) Carbazole	17.86	167	10024	1.902	nq	# 86
73) Di-n-butylphthalate	18.38	149	14101	2.148	nq	# 95
74) Fluoranthene	19.49	202	12328	2.112	nq	93
77) Pyrene	19.85	202	13876	2.276	nq	97
79) Butylbenzylphthalate	20.71	149	5944	1.920	nq	# 53
80) Benzo(a)anthracene	21.57	228	14643	2.337	nq	98
81) 3,3'-Dichlorobenzidine	21.50	252	4782	1.895	nq	96
82) Chrysene	21.62	228	14314	2.382	nq	97
83) Bis(2-ethylhexyl)phthalate	21.46	149	8963	1.997	nq	# 83
84) Di-n-octyl phthalate	22.36	149	13090	1.736	nq	# 84
85) Indeno(1,2,3-cd)pyrene	26.26	276	12798	1.795	nq	95
87) Benzo(b)fluoranthene	23.20	252	13004	2.299	nq	97
88) Benzo(k)fluoranthene	23.25	252	13529	2.361	nq	96
89) Benzo(a)pyrene	23.80	252	12537	2.306	nq	# 92
90) Dibenzo(a,h)anthracene	26.25	278	11047	1.961	nq	# 85
91) Benzo(g,h,i)perylene	26.99	276	10351m	1.943	nq	

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



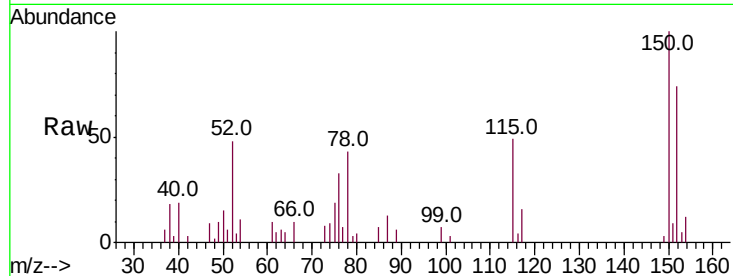
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BM016434.D
 Acq: 17 Aug 2018 11:58

Instrument :
 BNA_M
 ClientSampleID :
 SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	135.8	119.5	179.3
115	66.0	43.0	64.4

Manual Integrations
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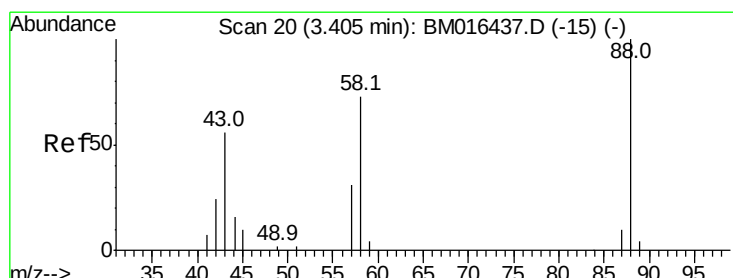
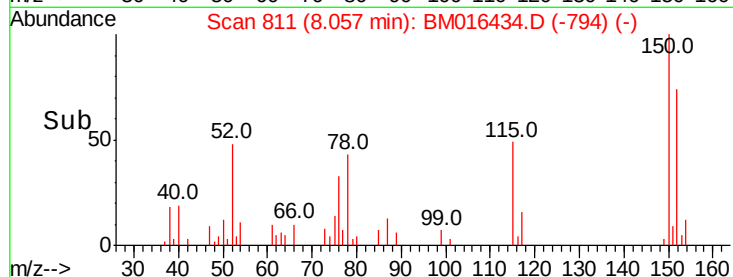
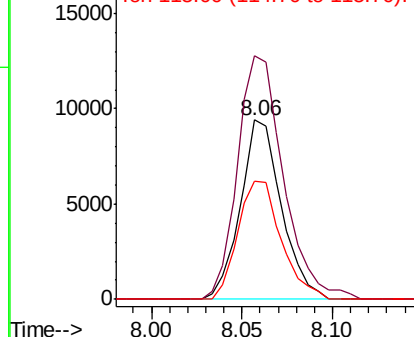


Abundance

Ion 152.00 (151.70 to 152.70): E

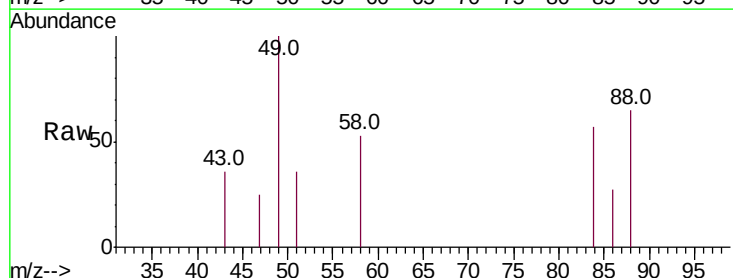
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 2.706 ng
 RT: 3.40 min Scan# 20
 Delta R.T. -0.00 min
 Lab File: BM016434.D
 Acq: 17 Aug 2018 11:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	54.7	0.0	0.0
43	41.6	0.0	0.0

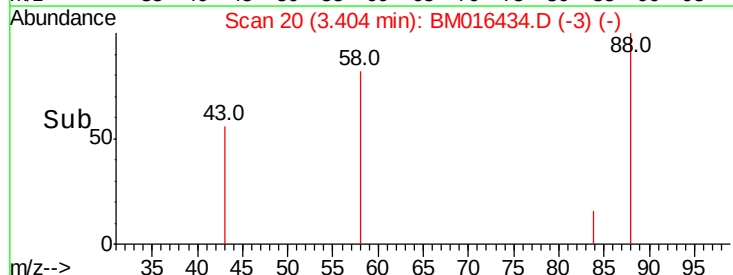
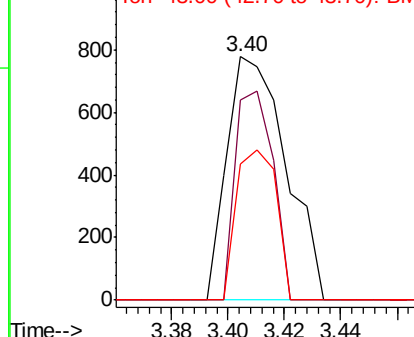


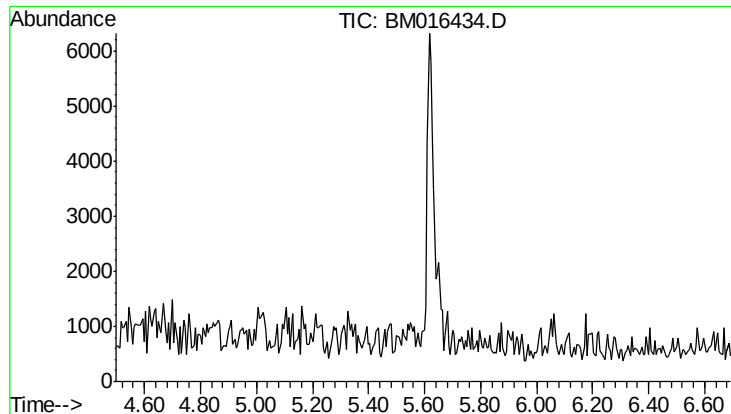
Abundance

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





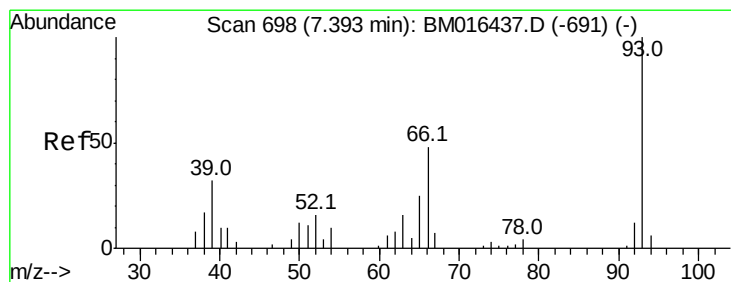
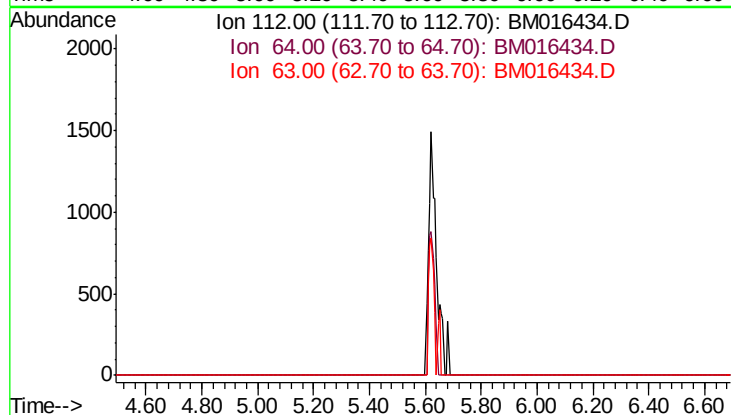
#5
 2-Fluorophenol
 Concen: N.D. na
 Expected RT: 5.59 min
 Lab File: BM016434.D
 Acq: 17 Aug 2018 11:58

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

Tot Ion	112
Exp Ratio	100
64	48.2
63	24.1

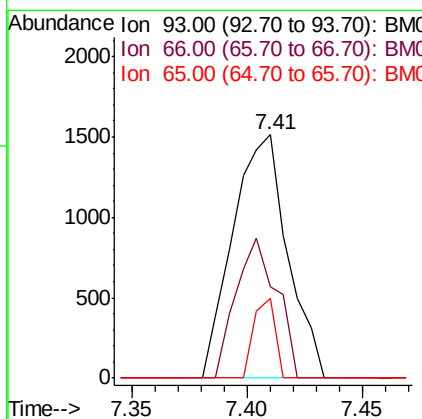
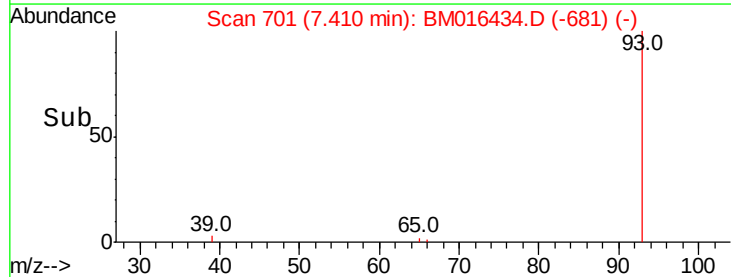
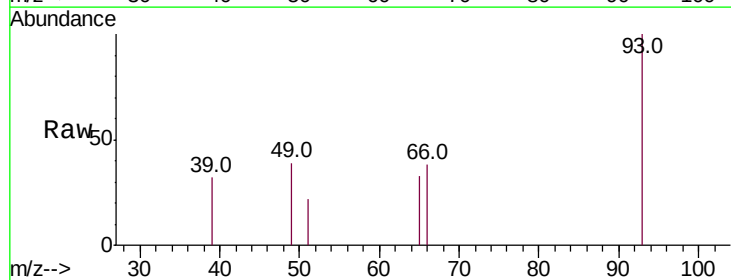
Manual Integrations
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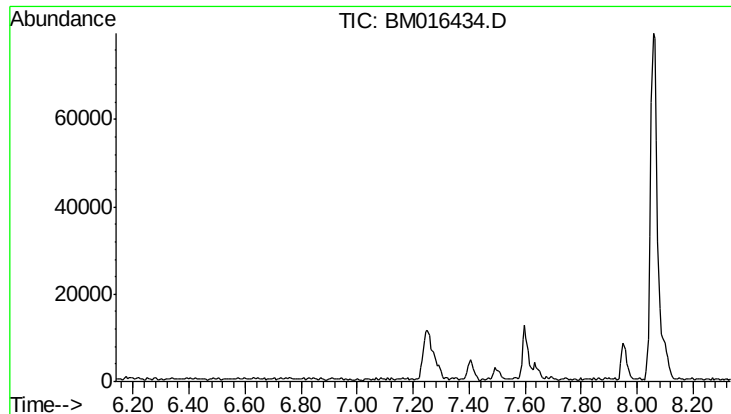
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#6
 Aniline
 Concen: 1.863 ng
 RT: 7.41 min Scan# 701
 Delta R.T. 0.02 min
 Lab File: BM016434.D
 Acq: 17 Aug 2018 11:58

Tgt Ion	93	Resp	Lower	Upper
Ion Ratio	100			
66	37.7	30.8	46.2	
65	33.0	16.0	24.0	





#7

Phenol-d6

Concen: 1.863 ng

Expected RT: 7.23 min

Lab File: BM016434.D

Acq: 17 Aug 2018 11:58

Tot Ion: 99

Sig Exp Ratio

99 100

42 13.7

71 29.3

Instrument :

BNA_M

ClientSampleId :

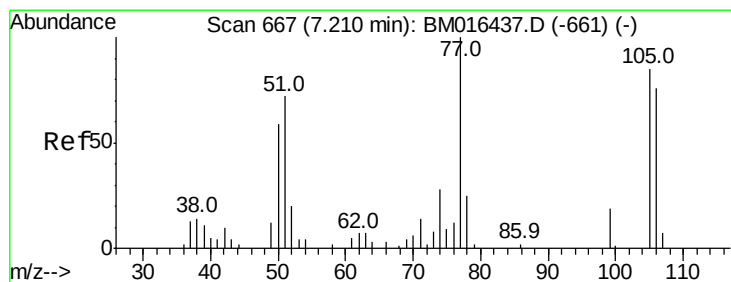
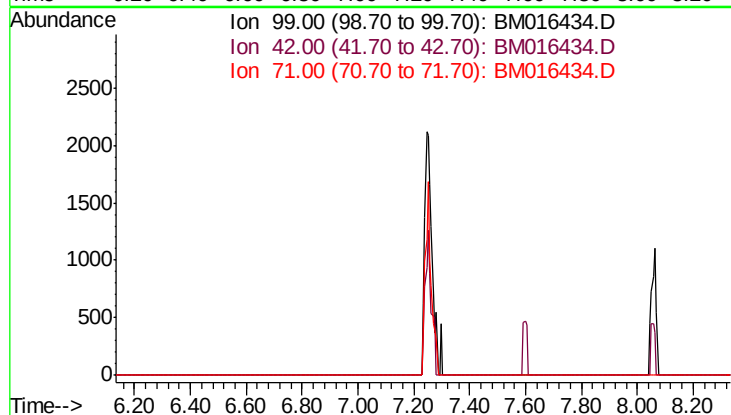
SSTDICC2.5

Manual Integrations

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#9

Benzaldehyde

Concen: 2.011 ng

RT: 7.25 min Scan# 673

Delta R.T. 0.04 min

Lab File: BM016434.D

Acq: 17 Aug 2018 11:58

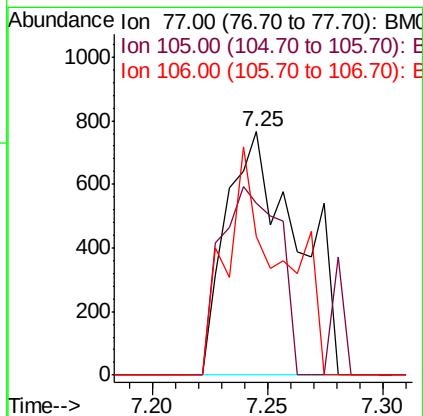
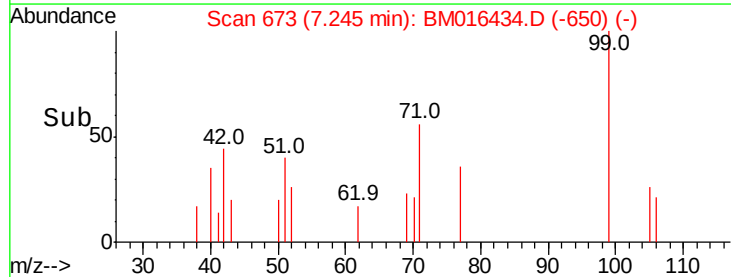
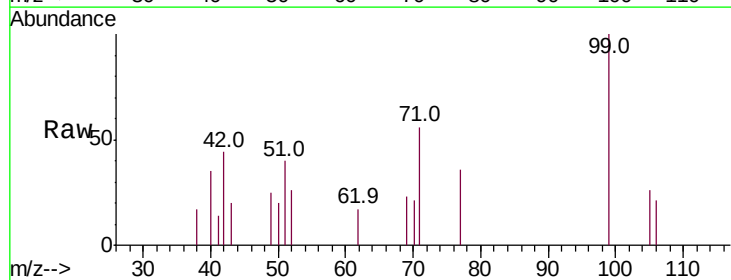
Tgt Ion: 77 Resp: 1646

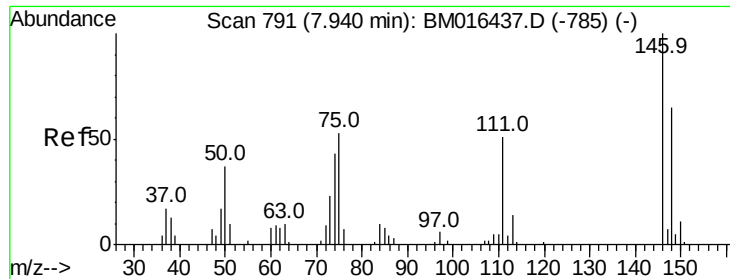
Ion Ratio Lower Upper

77 100

105 70.6 78.8 118.8#

106 57.2 73.7 113.7#





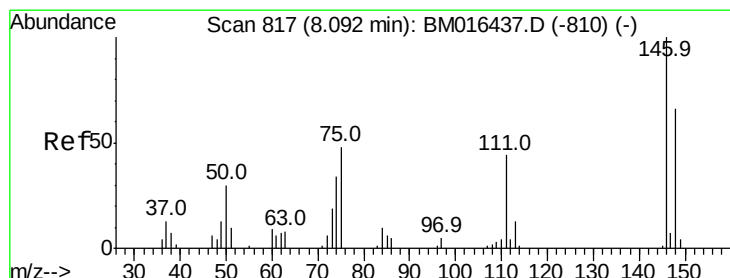
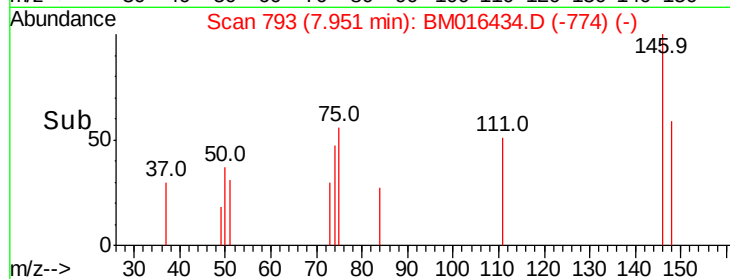
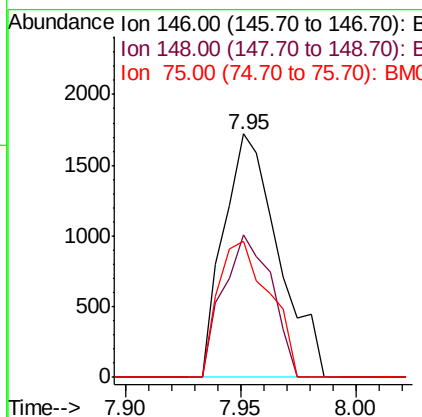
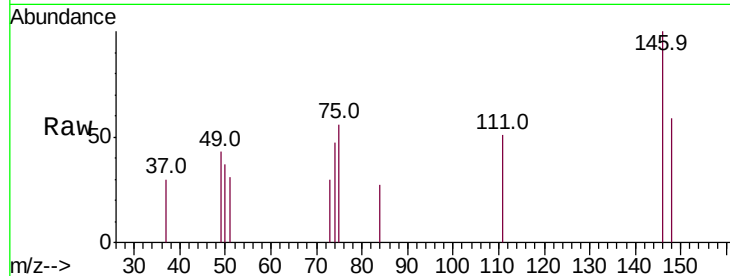
#12
 1,3-Dichlorobenzene
 Concen: 2.284 ng
 RT: 7.95 min Scan# 793
 Delta R.T. 0.01 min
 Lab File: BM016434.D
 Acq: 17 Aug 2018 11:58

Instrument :
 BNA_M
 ClientSampled :
 SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
146	100		
148	58.6	50.9	76.3
75	55.6	21.4	32.2

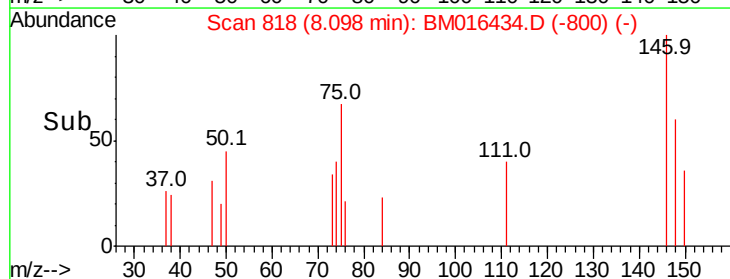
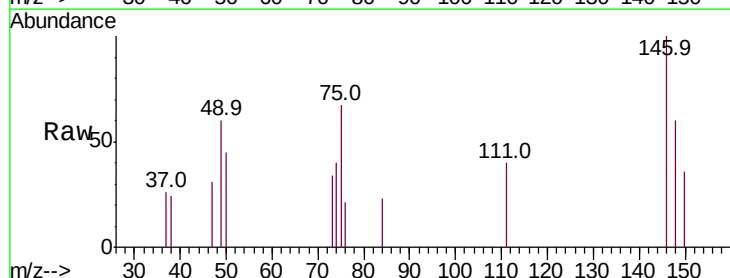
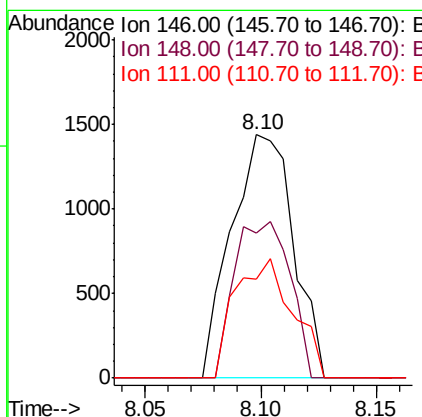
Manual Integrations
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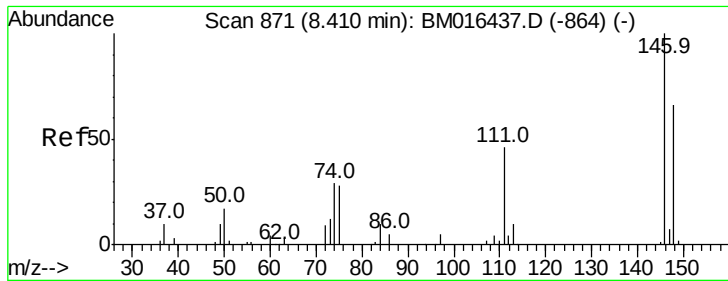
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#13
 1,4-Dichlorobenzene
 Concen: 2.135 ng
 RT: 8.10 min Scan# 818
 Delta R.T. 0.01 min
 Lab File: BM016434.D
 Acq: 17 Aug 2018 11:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.7	51.9	77.9
111	40.5	29.2	43.8





#14

1,2-Dichlorobenzene

Concen: 1.888 ng

RT: 8.42 min Scan# 872

Delta R.T. 0.01 min

Lab File: BM016434.D

Acq: 17 Aug 2018 11:58

Instrument :

BNA_M

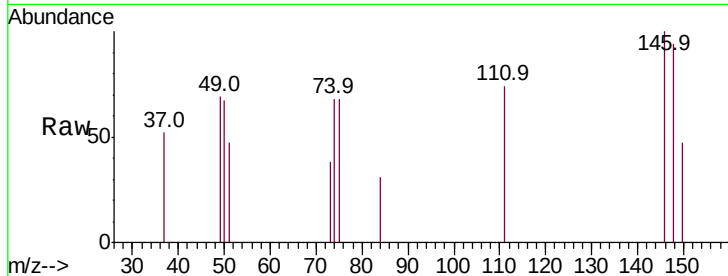
ClientSampled :

SSTDICC2.5

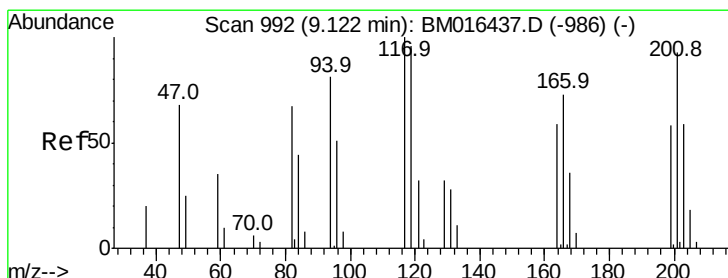
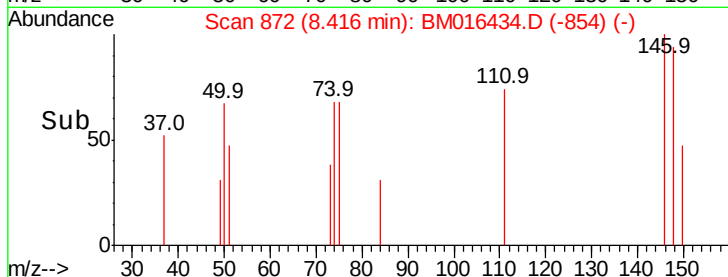
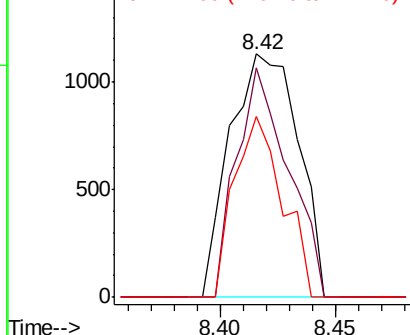
Tot Ion:	146	Resp:	2325
Ion Ratio	Lower	Upper	
146	100		
148	94.3	52.3	78.5#
111	74.4	30.6	45.8#

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#18

Hexachloroethane

Concen: 2.296 ng

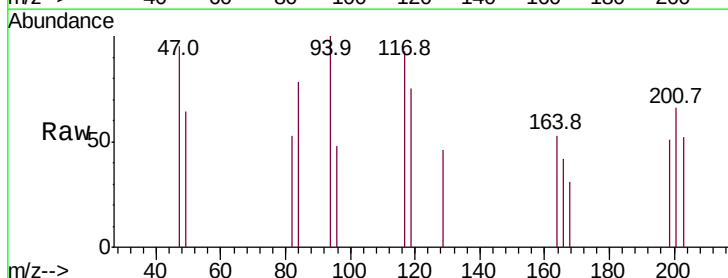
RT: 9.13 min Scan# 993

Delta R.T. 0.01 min

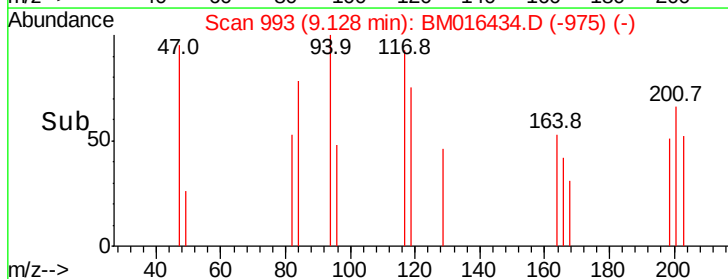
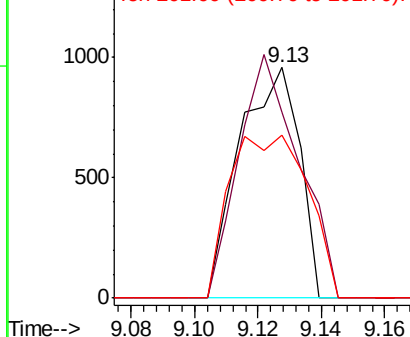
Lab File: BM016434.D

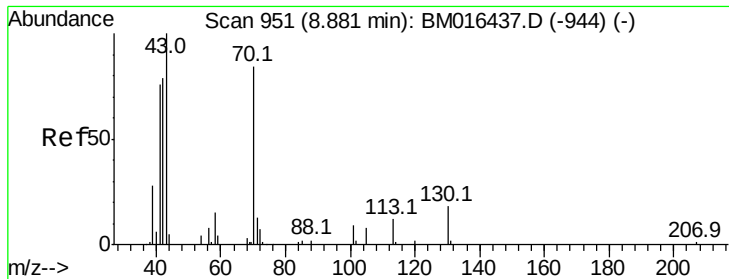
Acq: 17 Aug 2018 11:58

Tgt Ion:	117	Resp:	1249
Ion Ratio	Lower	Upper	
117	100		
119	80.8	79.2	118.8
201	70.8	69.8	104.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 1.914 ng

RT: 8.88 min Scan# 951

Delta R.T. -0.00 min

Lab File: BM016434.D

Acq: 17 Aug 2018 11:58

Instrument :

BNA_M

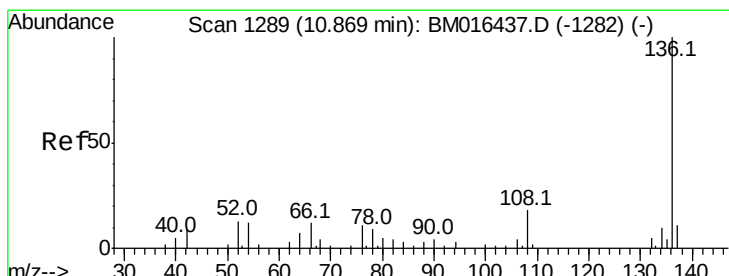
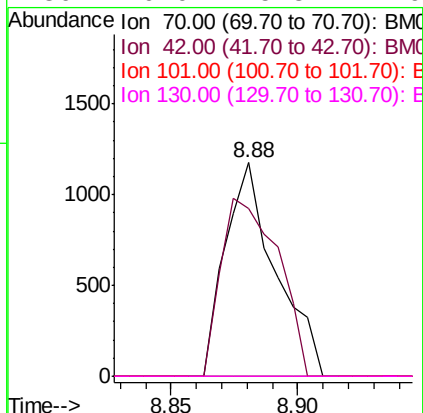
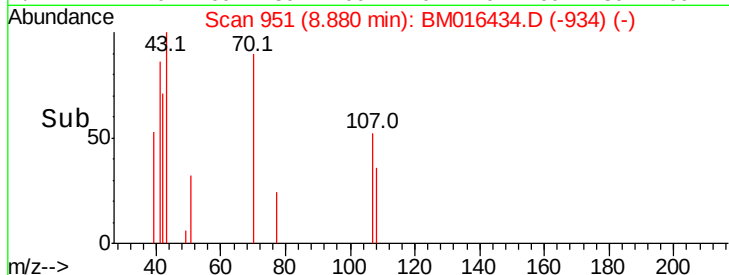
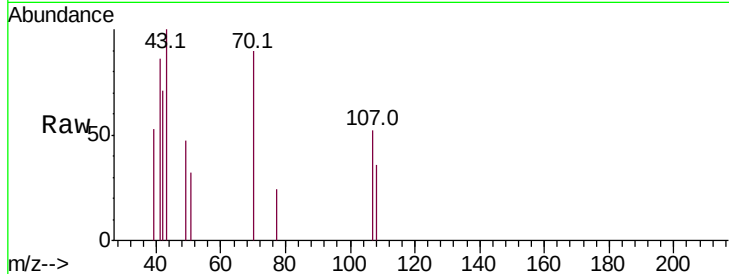
ClientSampleId :

SSTDICC2.5

Tot Ion:	70	Resp:	1630
Ion Ratio	Lower	Upper	
70	100		
42	78.6	44.5	66.7#
101	0.0	7.4	11.2#
130	0.0	15.3	22.9#

Manual Integrations
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#21

Naphthalene-d8

Concen: 20.000 ng

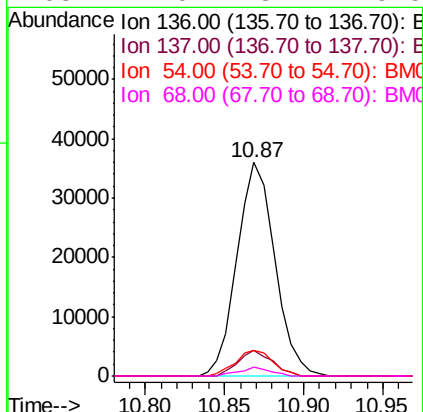
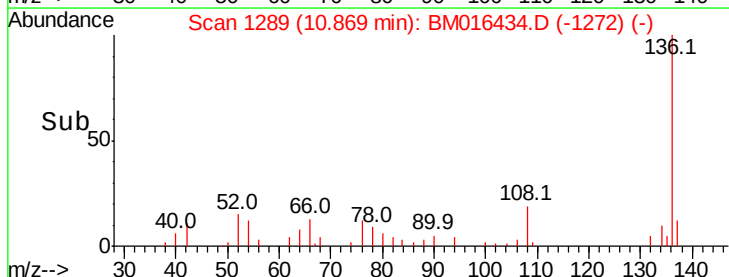
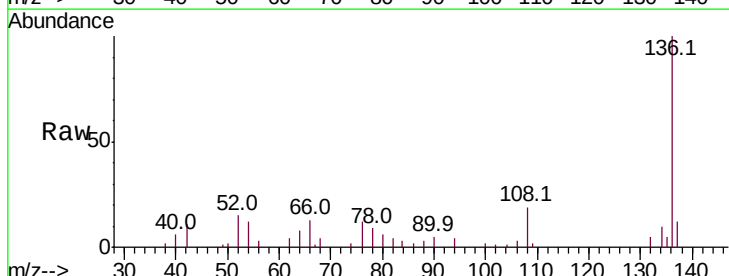
RT: 10.87 min Scan# 1289

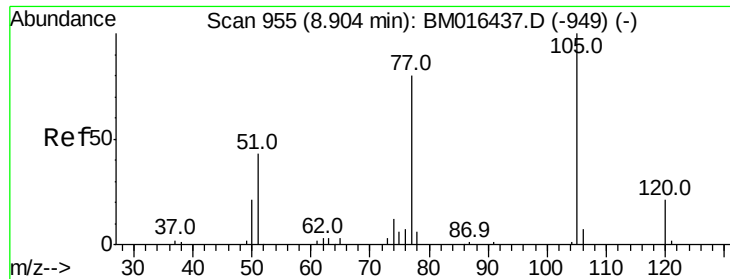
Delta R.T. -0.00 min

Lab File: BM016434.D

Acq: 17 Aug 2018 11:58

Tgt Ion:	136	Resp:	59728
Ion Ratio	Lower	Upper	
136	100		
137	11.8	8.7	13.1
54	12.0	4.6	6.8#
68	4.0	3.7	5.5





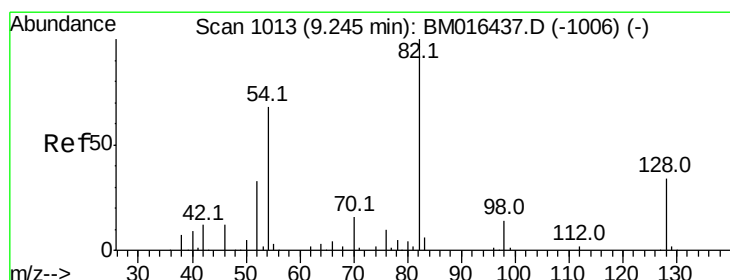
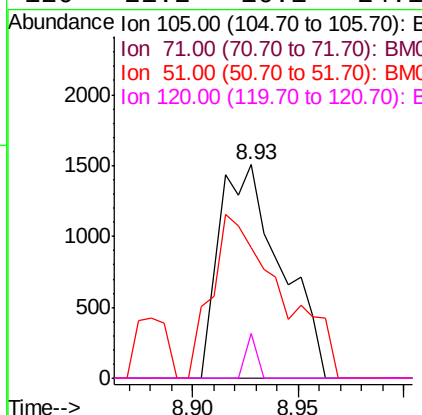
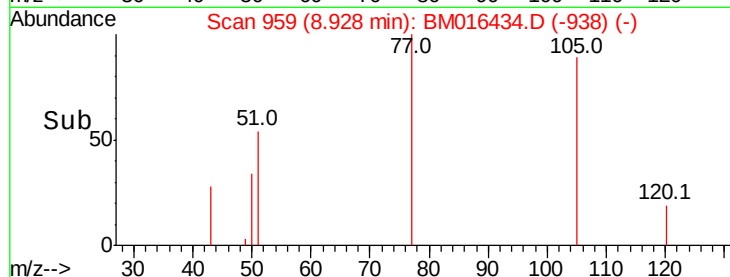
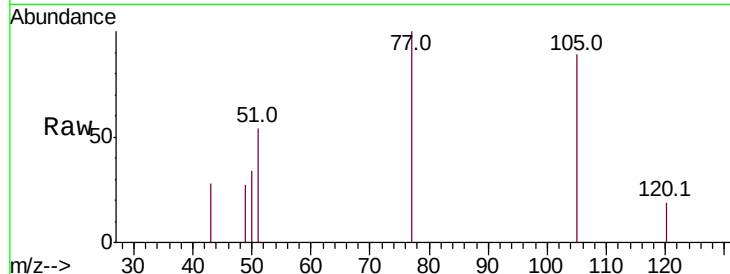
#22
Acetophenone
Concen: 2.036 ng
RT: 8.93 min Scan# 959
Delta R.T. 0.02 min
Lab File: BM016434.D
Acq: 17 Aug 2018 11:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	61.0	21.6	32.4#
120	21.2	16.1	24.1

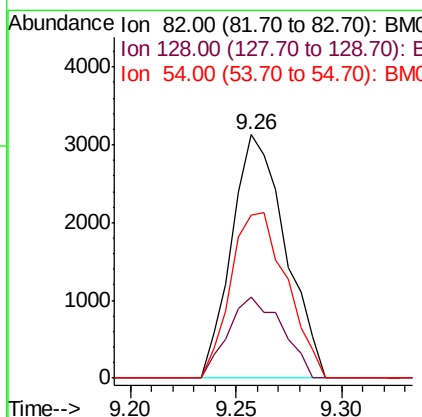
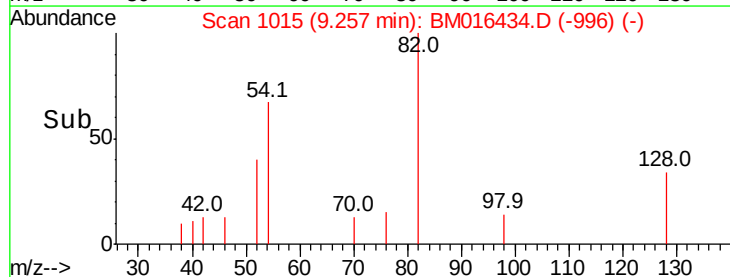
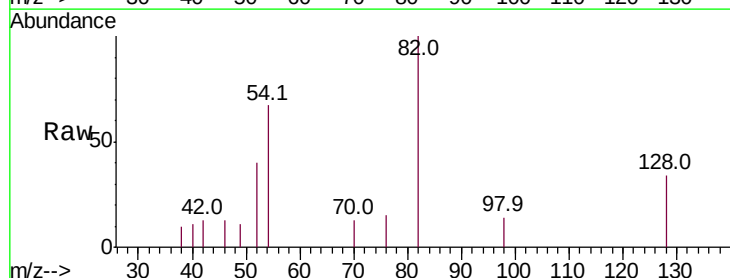
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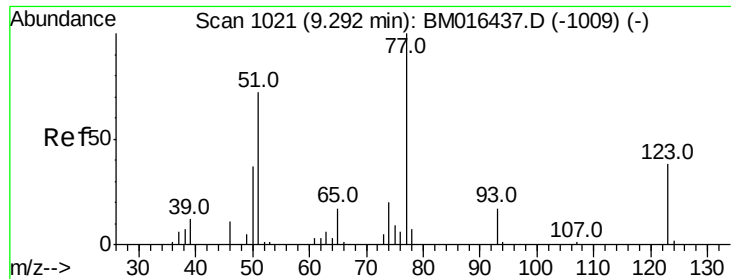
Sohil
8/20/2018 4:17:02 PM



#23
Nitrobenzene-d5
Concen: 2.036 ng
RT: 9.26 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BM016434.D
Acq: 17 Aug 2018 11:58

Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.5	32.8	49.2
54	66.9	40.6	60.8#





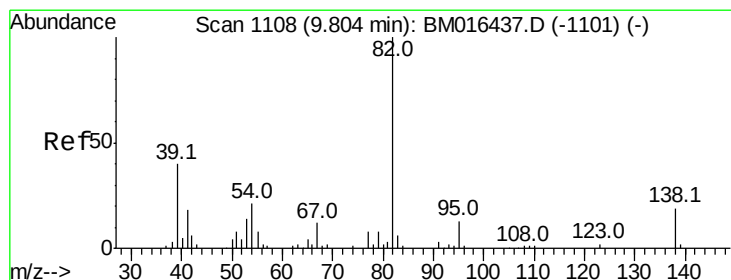
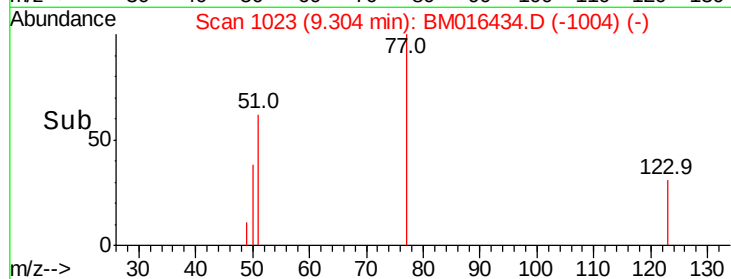
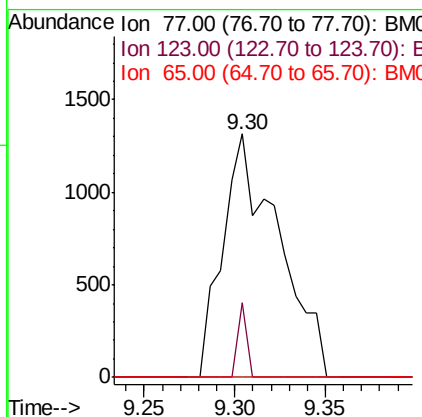
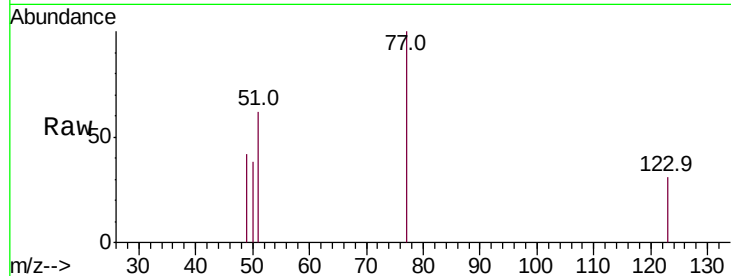
#24
Nitrobenzene
Concen: 2.189 ng
RT: 9.30 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BM016434.D
Acq: 17 Aug 2018 11:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
77	100		
123	30.5	32.6	49.0#
65	0.0	10.9	16.3#

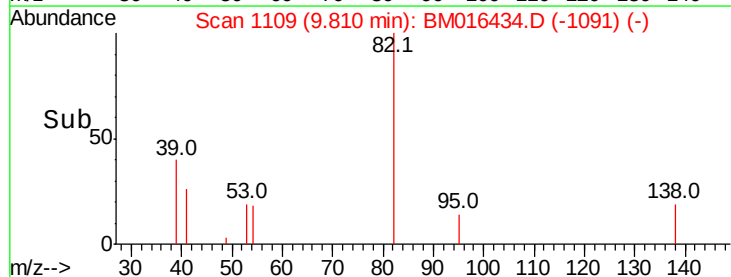
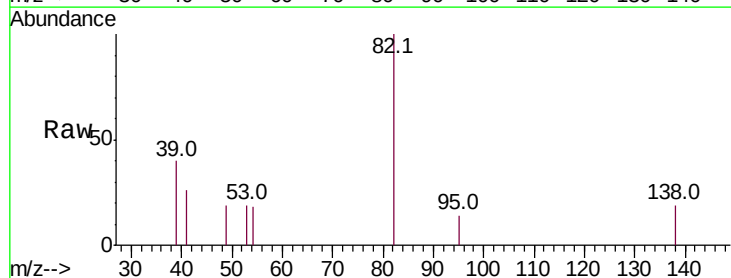
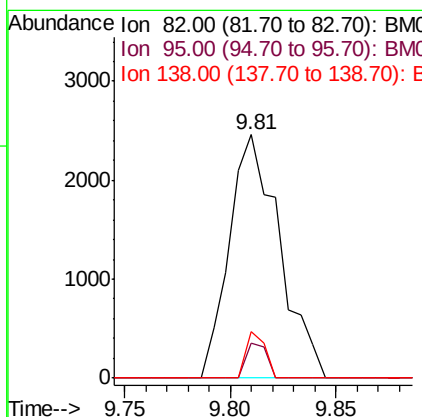
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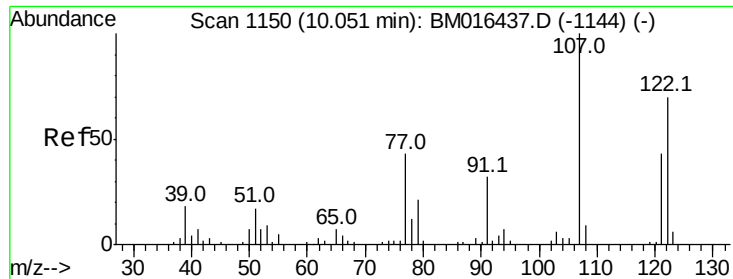
Sohil
8/20/2018 4:17:02 PM



#25
Isophorone
Concen: 2.311 ng
RT: 9.81 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BM016434.D
Acq: 17 Aug 2018 11:58

Tgt Ion	Ratio	Lower	Upper
82	100		
95	14.3	5.8	8.6#
138	18.9	16.3	24.5





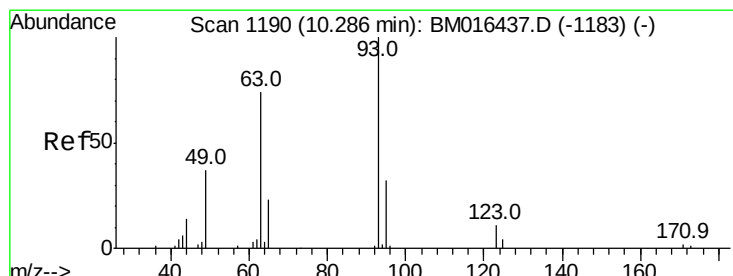
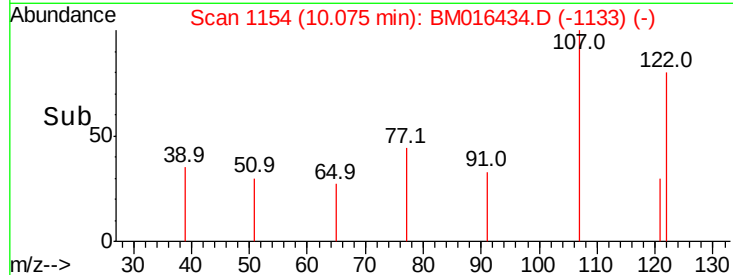
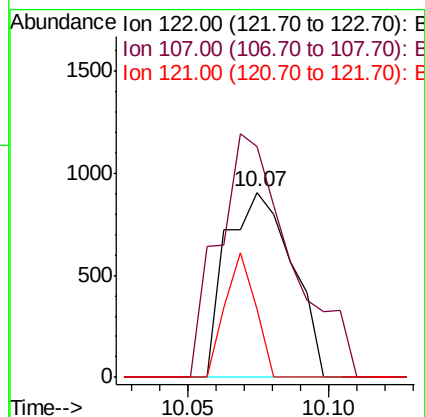
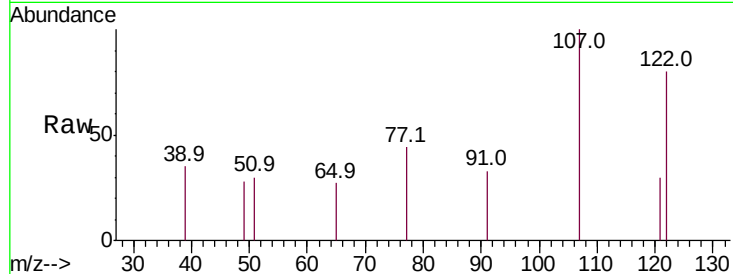
#27
 2,4-Dimethylphenol
 Concen: 1.943 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. 0.02 min
 Lab File: BM016434.D
 Acq: 17 Aug 2018 11:58

Instrument :
 BNA_M
 ClientSampled :
 SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.7	84.7	127.1
121	37.2	46.6	69.8#

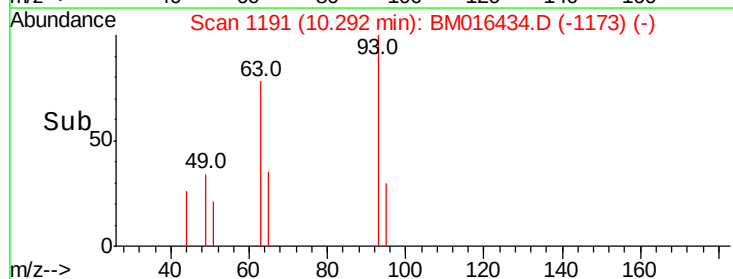
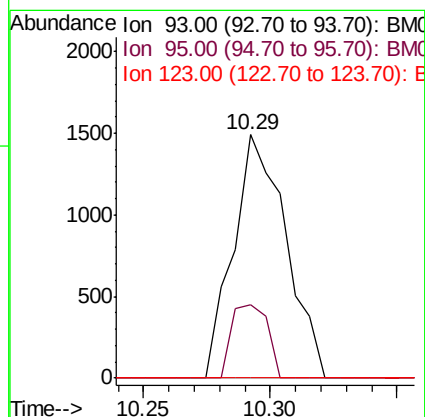
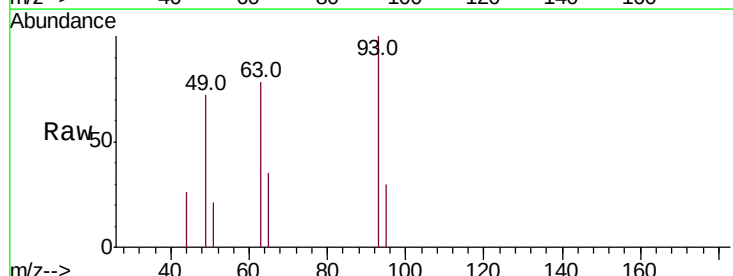
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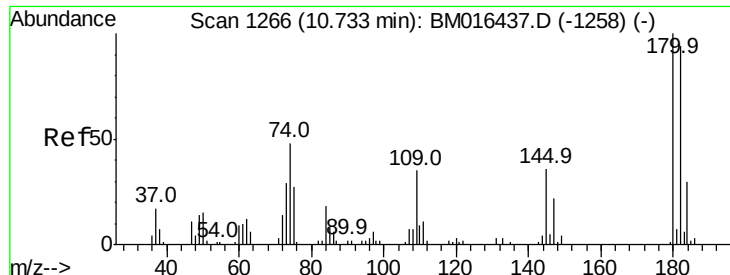
Sohil
 8/20/2018 4:17:02 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 1.888 ng
 RT: 10.29 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BM016434.D
 Acq: 17 Aug 2018 11:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.0	25.5	38.3
123	0.0	8.6	13.0#





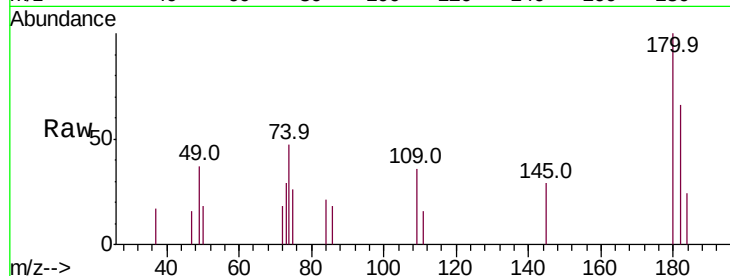
#30
 1,2,4-Trichlorobenzene
 Concen: 2.538 ng
 RT: 10.73 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BM016434.D
 Acq: 17 Aug 2018 11:58

Instrument :
 BNA_M
 ClientSampled :
 SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
180	100		
182	66.2	77.6	116.4#
145	29.2	23.4	35.2

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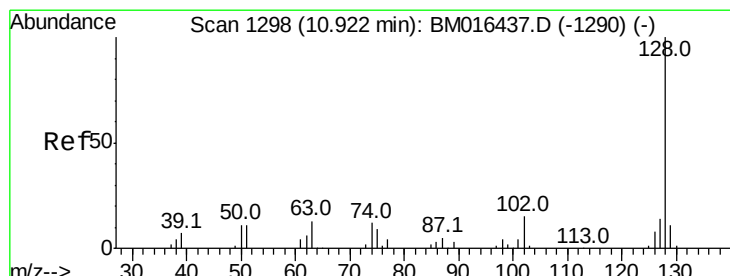
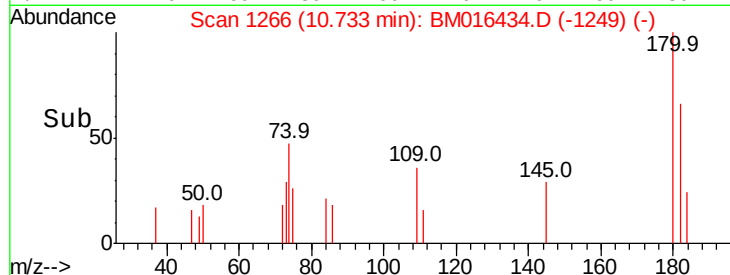
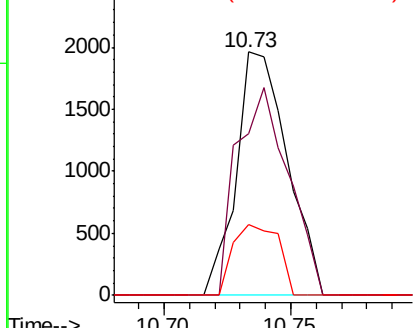


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



#31
 Naphthalene
 Concen: 2.287 ng
 RT: 10.93 min Scan# 1299
 Delta R.T. 0.01 min
 Lab File: BM016434.D
 Acq: 17 Aug 2018 11:58

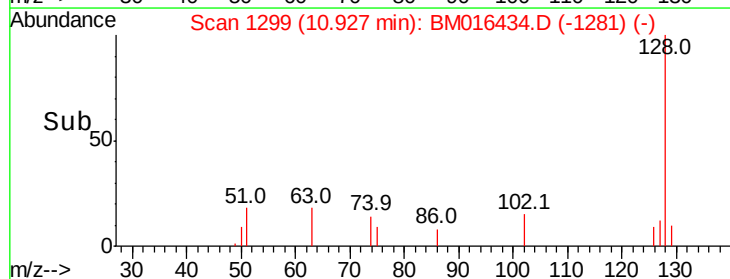
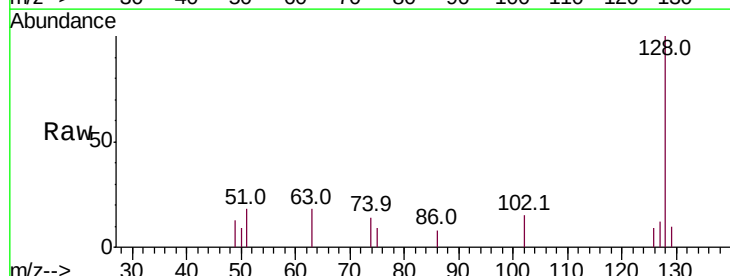
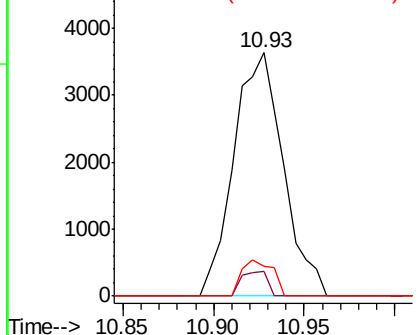
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.9	13.3
127	12.1	10.4	15.6

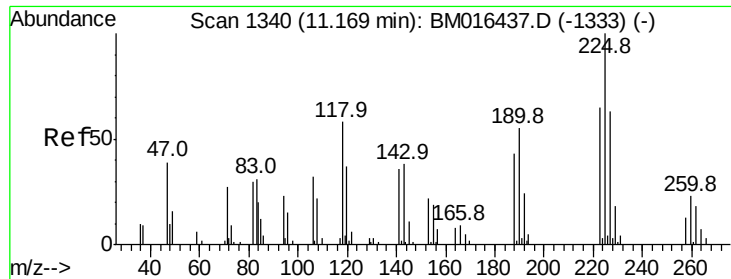
Abundance

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





#34

Hexachlorobutadiene

Concen: 2.868 ng

RT: 11.17 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BM016434.D

Acq: 17 Aug 2018 11:58

Instrument :

BNA_M

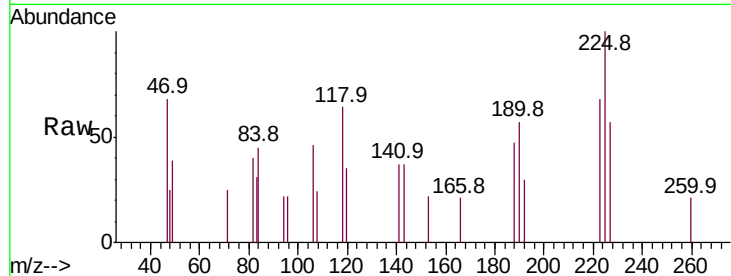
ClientSampled :

SSTDICC2.5

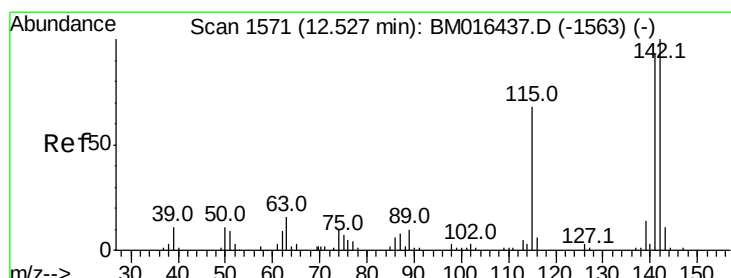
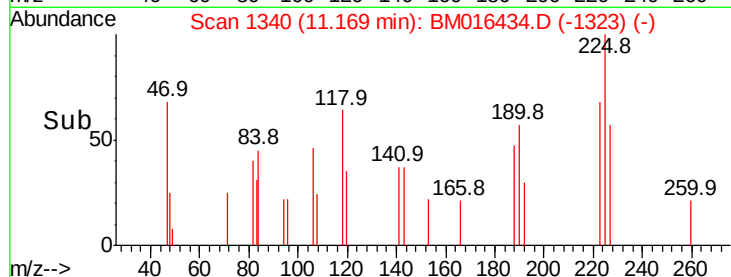
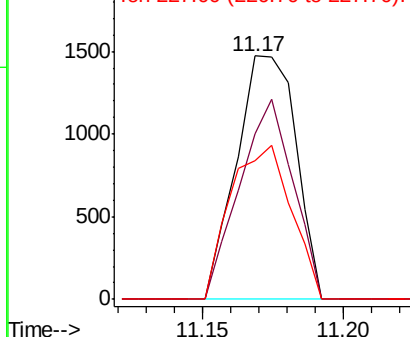
Tot Ion:	225	Resp:	2159
Ion Ratio	Lower	Upper	
225	100		
223	68.0	47.9	71.9
227	56.8	50.1	75.1

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Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



#37

2-Methylnaphthalene

Concen: 2.258 ng

RT: 12.53 min Scan# 1571

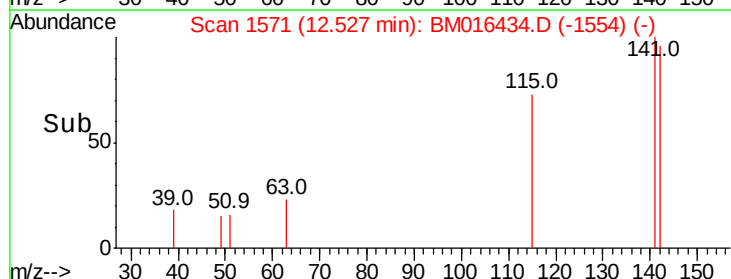
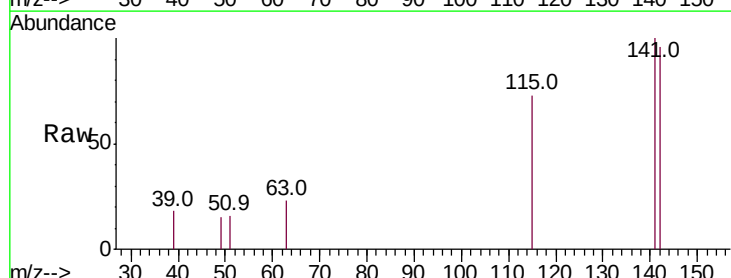
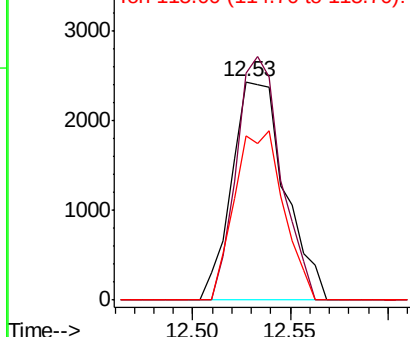
Delta R.T. -0.00 min

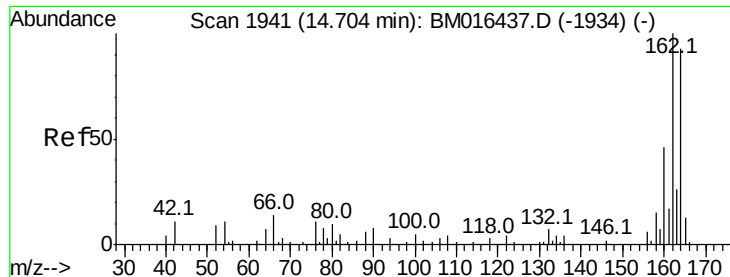
Lab File: BM016434.D

Acq: 17 Aug 2018 11:58

Tgt Ion:	142	Resp:	4573
Ion Ratio	Lower	Upper	
142	100		
141	103.9	71.9	107.9
115	75.4	25.4	38.0#

Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





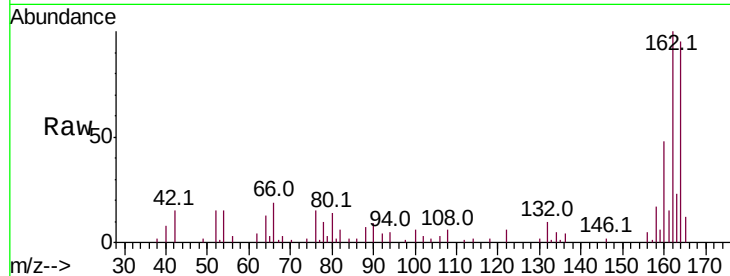
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BM016434.D
Acq: 17 Aug 2018 11:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.4	123.6
160	49.9	35.8	53.6

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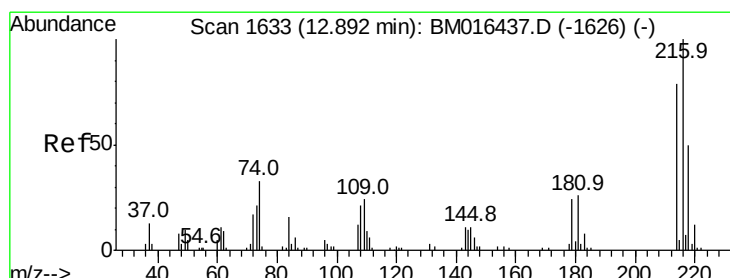
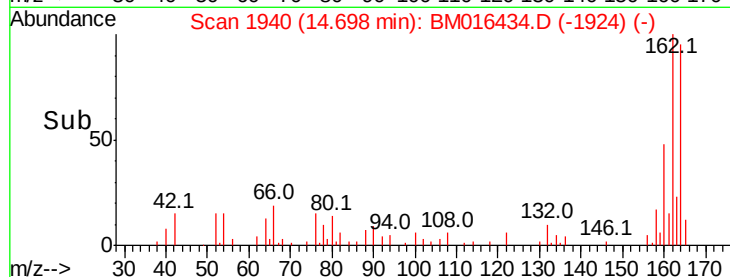
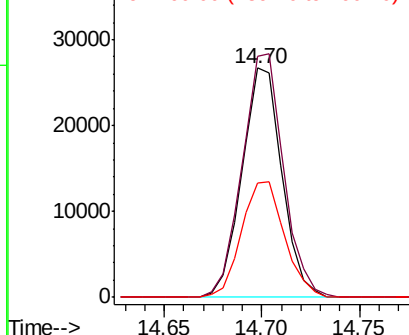


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39
1,2,4,5-Tetrachlorobenzene
Concen: 2.597 ng
RT: 12.90 min Scan# 1634
Delta R.T. 0.01 min
Lab File: BM016434.D
Acq: 17 Aug 2018 11:58

Tgt Ion	Ratio	Lower	Upper
216	100		
214	75.6	0.0	0.0#
179	18.7	0.0	0.0#
108	19.6	0.0	0.0#

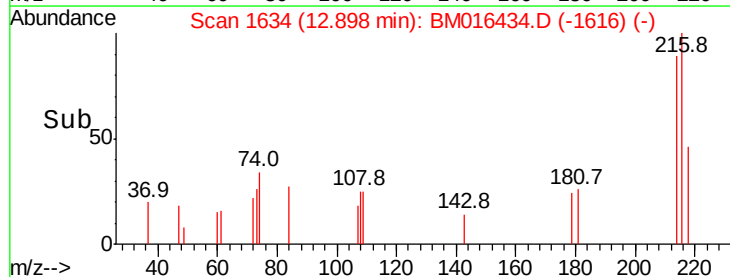
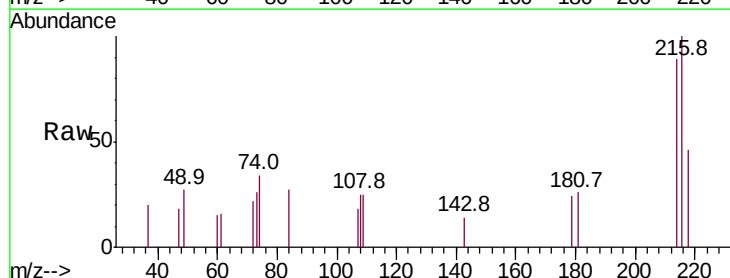
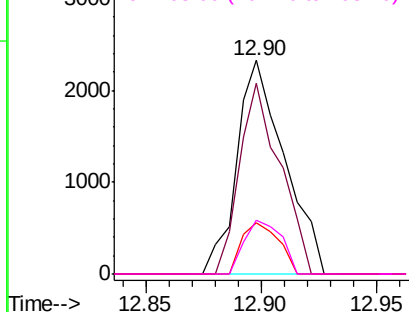
Abundance

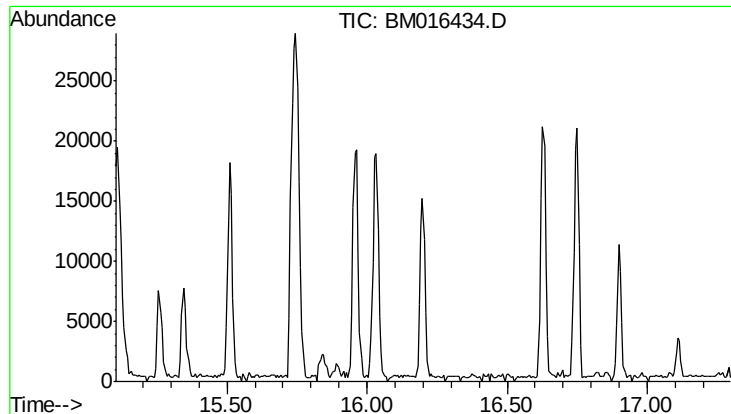
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





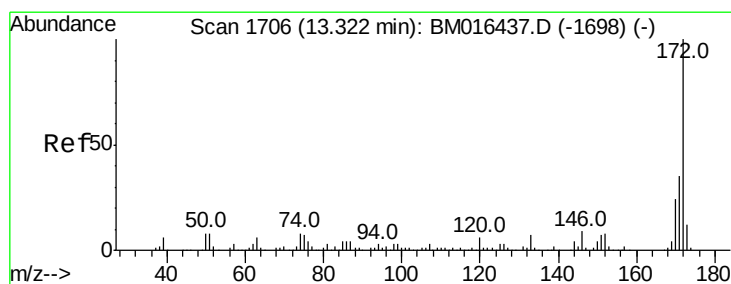
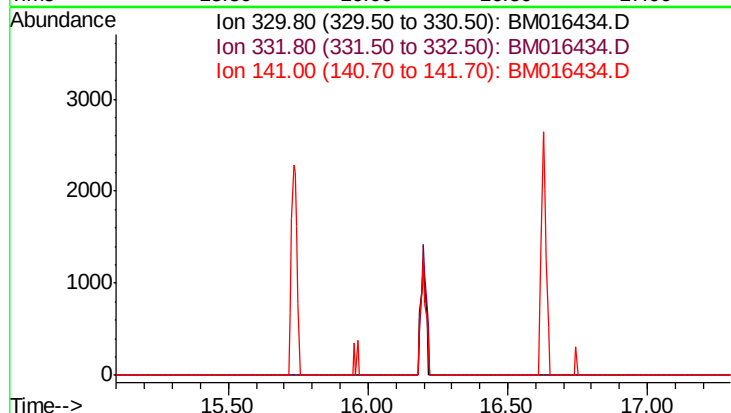
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 Expected RT: 16.20 min
 Lab File: BM016434.D
 Acq: 17 Aug 2018 11:58

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 0.0
 141 0.0

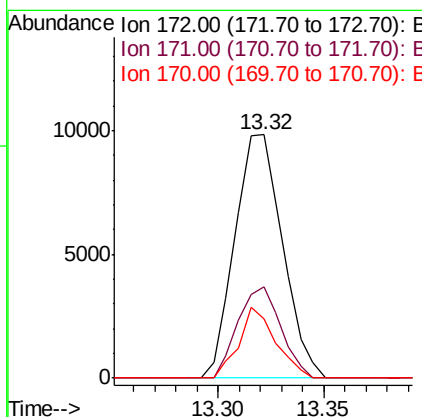
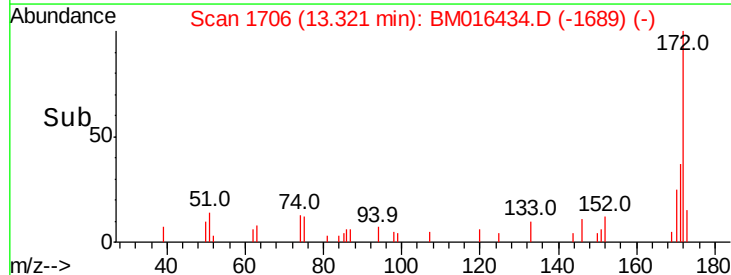
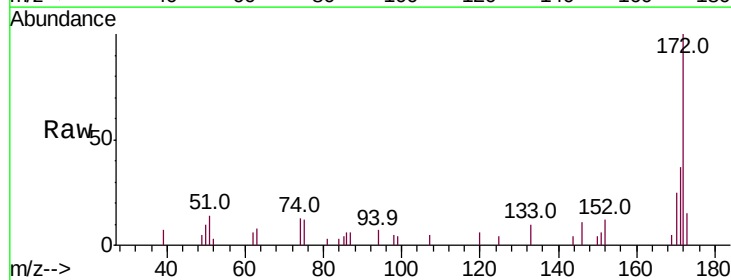
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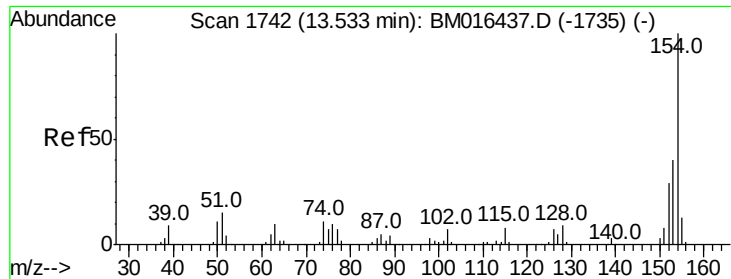
Sohil
 8/20/2018 4:17:02 PM



#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.32 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: BM016434.D
 Acq: 17 Aug 2018 11:58

Tgt Ion: 172 Resp: 15392
 Ion Ratio Lower Upper
 172 100
 171 37.3 28.5 42.7
 170 24.5 18.8 28.2





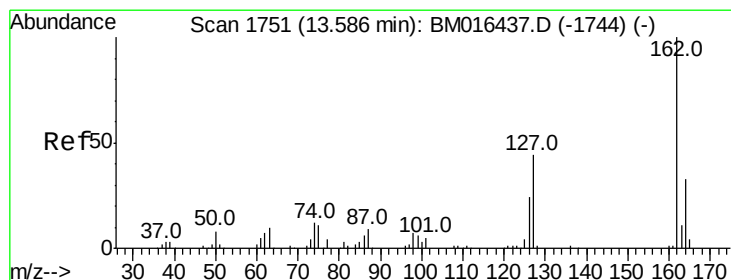
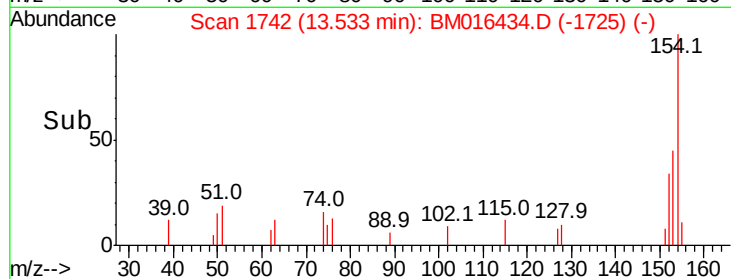
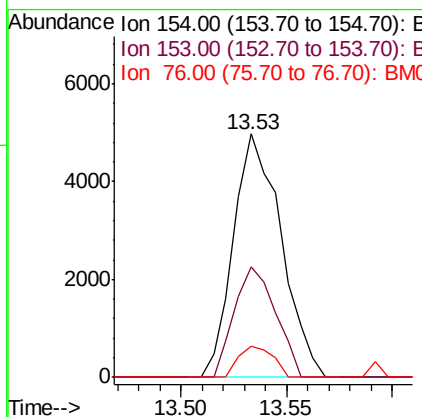
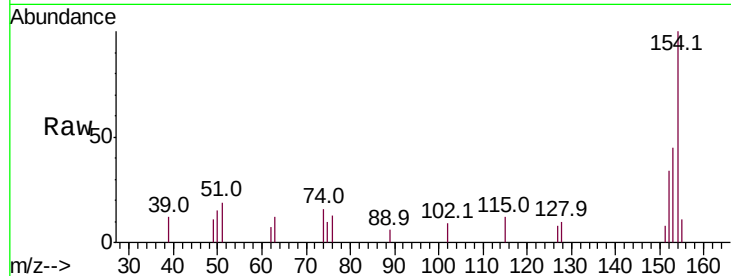
#45
 1,1'-Biphenyl
 Concen: 2.284 ng
 RT: 13.53 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: BM016434.D
 Acq: 17 Aug 2018 11:58

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

Tot Ion:	154	Resp:	7801
Ion Ratio	Lower	Upper	
154	100		
153	45.1	20.7	60.7
76	12.9	0.0	30.9

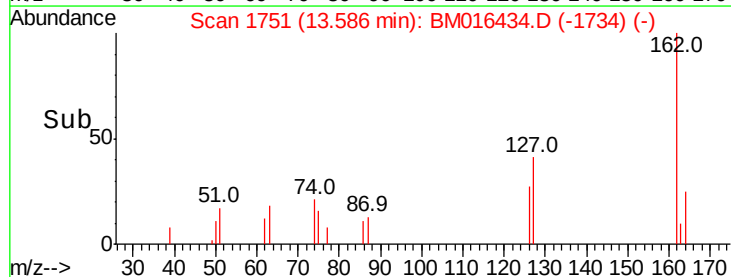
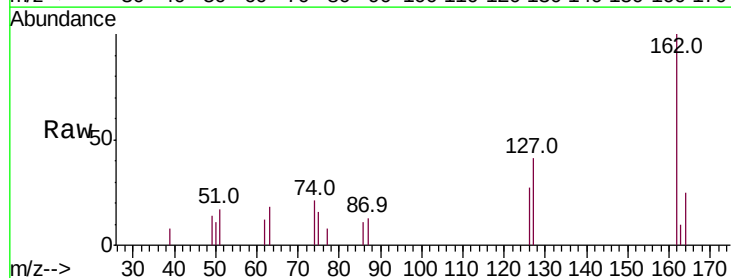
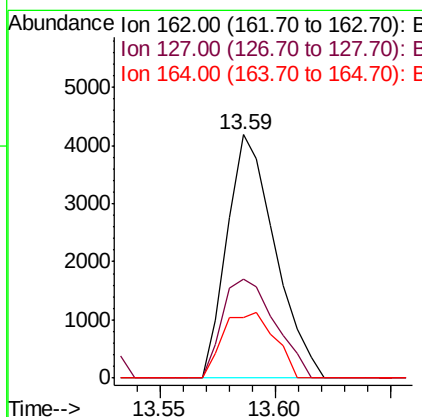
Manual Integrations
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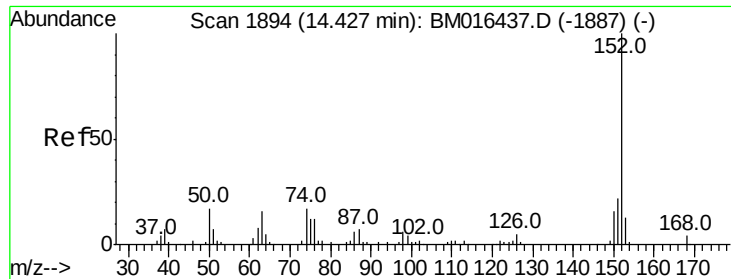
Sohil
 8/20/2018 4:17:02 PM



#46
 2-Chloronaphthalene
 Concen: 2.278 ng
 RT: 13.59 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: BM016434.D
 Acq: 17 Aug 2018 11:58

Tgt Ion:	162	Resp:	6050
Ion Ratio	Lower	Upper	
162	100		
127	40.9	26.9	40.3#
164	24.7	26.8	40.2#





#48

Acenaphthylene

Concen: 2.221 ng

RT: 14.43 min Scan# 1894

Delta R.T. -0.00 min

Lab File: BM016434.D

Acq: 17 Aug 2018 11:58

Instrument :

BNA_M

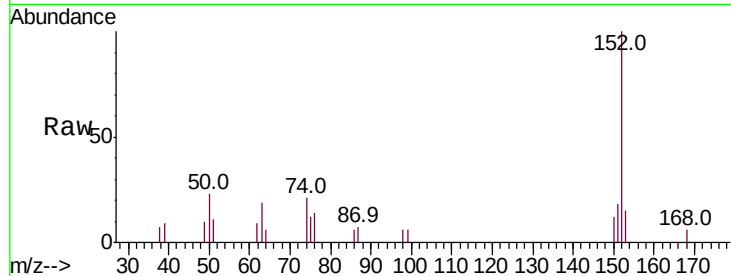
ClientSampleId :

SSTDICC2.5

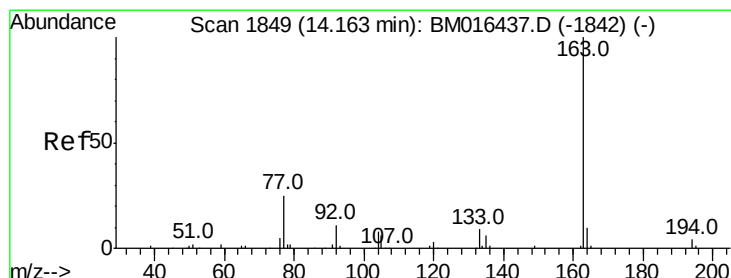
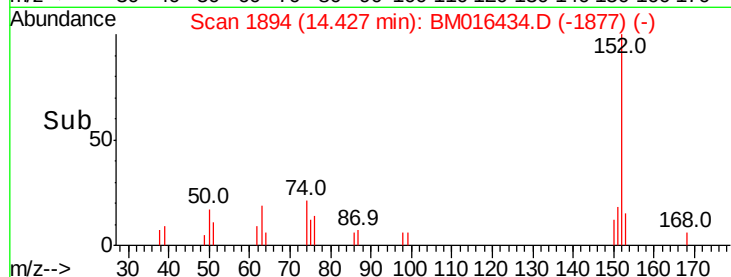
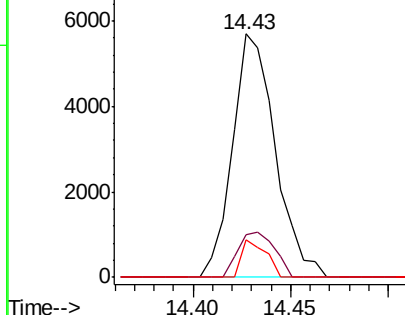
Tot Ion:	152	Resp:	8634
Ion Ratio	Lower	Upper	
152	100		
151	17.6	15.9	23.9
153	15.4	10.6	16.0

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 2.486 ng

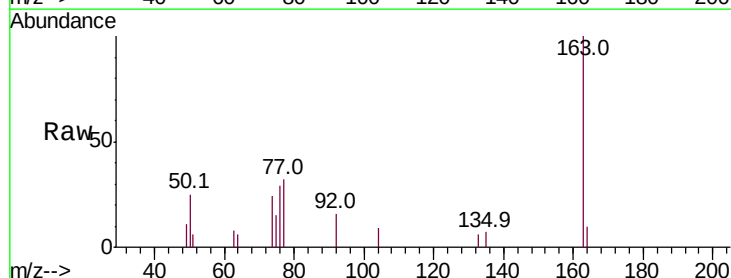
RT: 14.16 min Scan# 1849

Delta R.T. -0.00 min

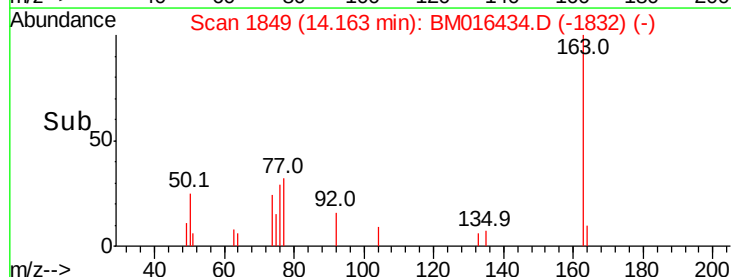
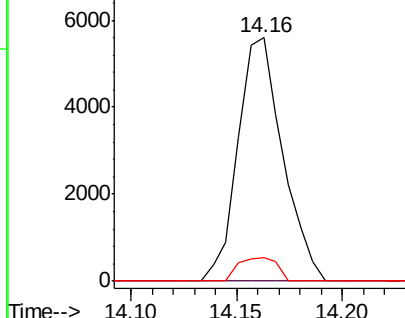
Lab File: BM016434.D

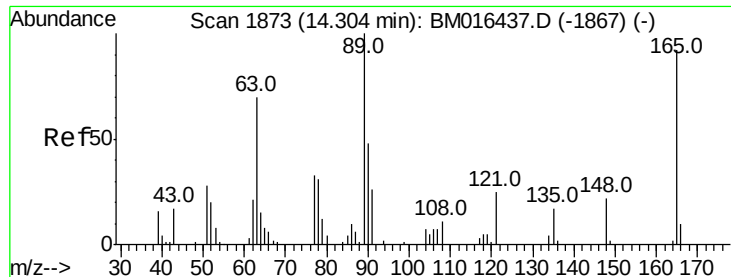
Acq: 17 Aug 2018 11:58

Tgt Ion:	163	Resp:	8232
Ion Ratio	Lower	Upper	
163	100		
194	0.0	2.7	4.1#
164	9.8	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





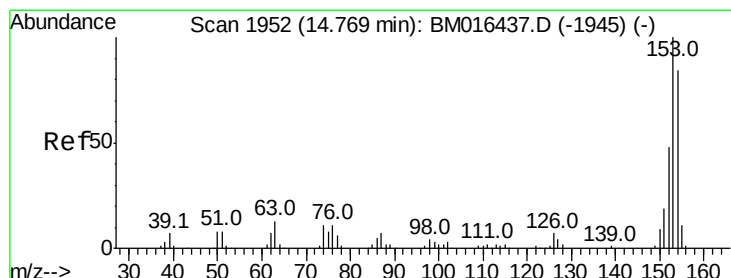
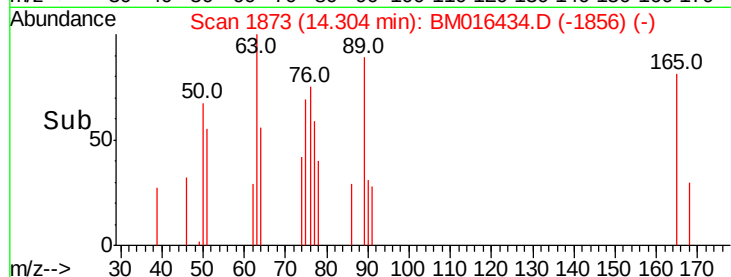
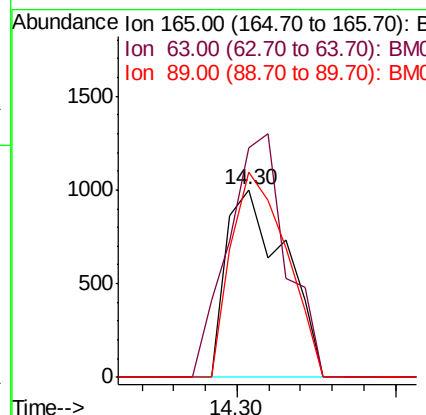
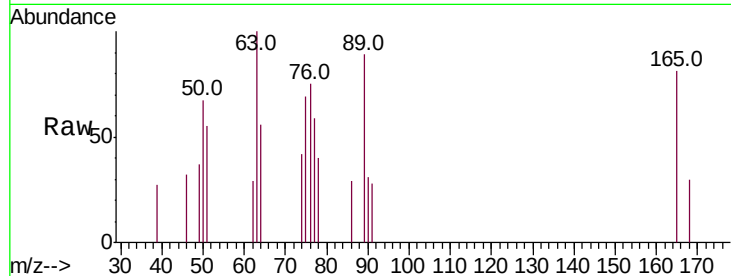
#50
2,6-Dinitrotoluene
Concen: 1.932 ng
RT: 14.30 min Scan# 1873
Delta R.T. -0.00 min
Lab File: BM016434.D
Acq: 17 Aug 2018 11:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
165	100		
63	122.8	44.1	66.1#
89	109.3	44.3	66.5#

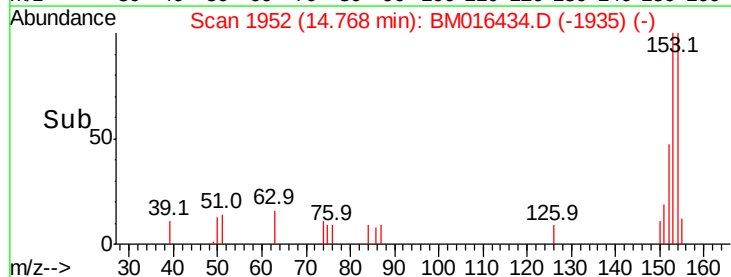
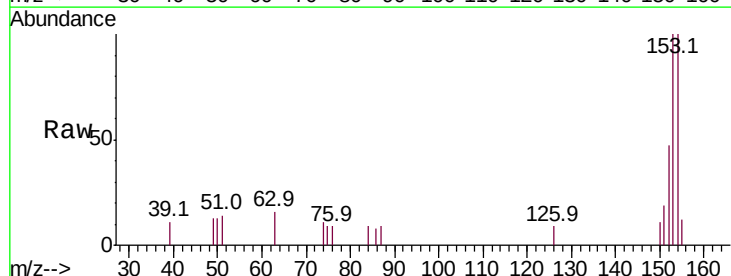
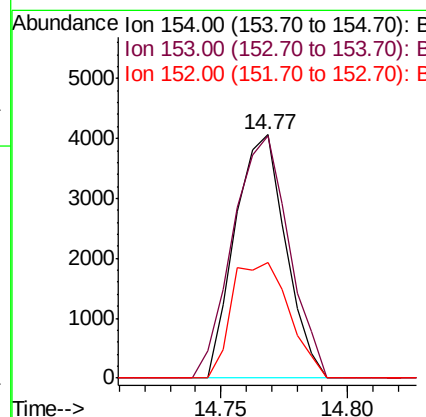
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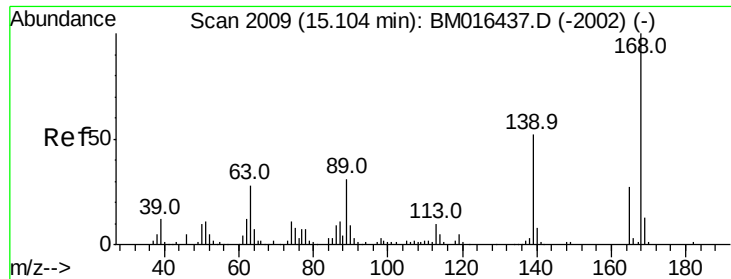
Sohil
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#51
Acenaphthene
Concen: 2.365 ng
RT: 14.77 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BM016434.D
Acq: 17 Aug 2018 11:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	99.6	90.0	135.0
152	47.3	42.6	63.8





#54

Dibenzofuran

Concen: 2.248 ng

RT: 15.11 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BM016434.D

Acq: 17 Aug 2018 11:58

Instrument :

BNA_M

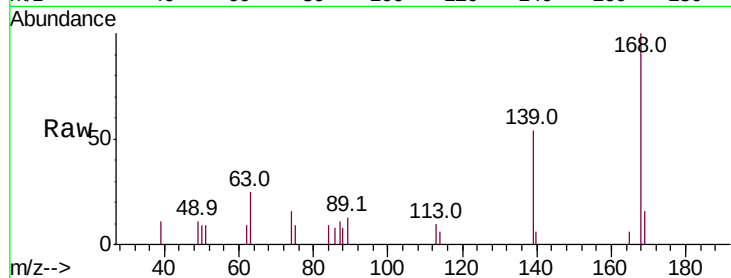
ClientSampled :

SSTDICC2.5

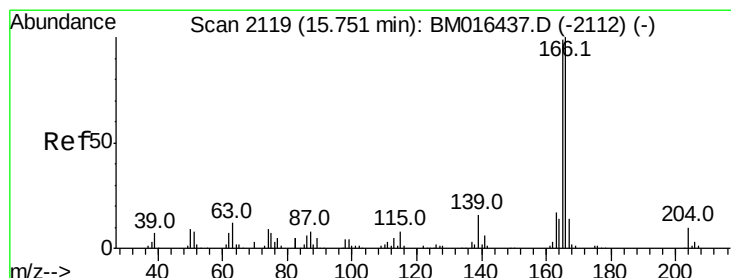
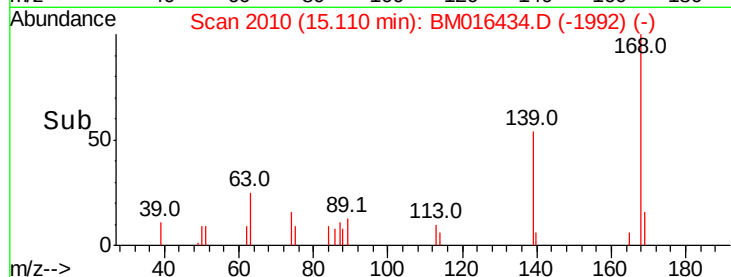
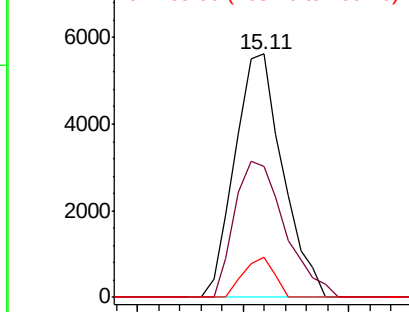
Tot Ion:168	Resp:	8859
Ion Ratio	Lower	Upper
168	100	
139	54.1	27.3 40.9#
169	16.4	10.6 16.0#

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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#57

Fluorene

Concen: 2.345 ng

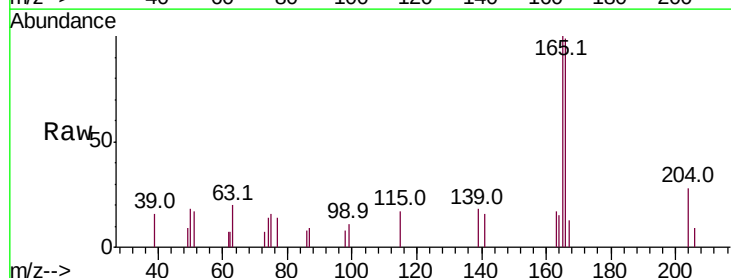
RT: 15.75 min Scan# 2119

Delta R.T. -0.00 min

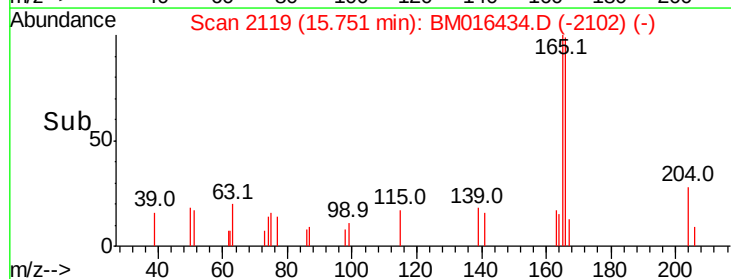
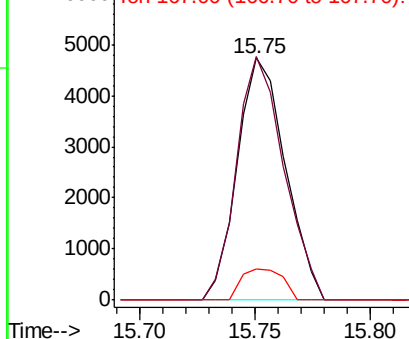
Lab File: BM016434.D

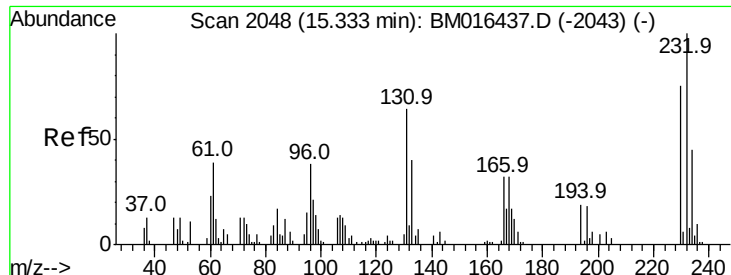
Acq: 17 Aug 2018 11:58

Tgt Ion:166	Resp:	6866
Ion Ratio	Lower	Upper
166	100	
165	100.7	79.0 118.4
167	12.9	10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





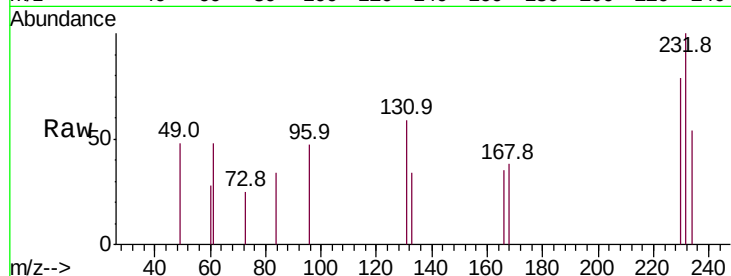
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 2.431 ng
 RT: 15.34 min Scan# 2050
 Delta R.T. 0.01 min
 Lab File: BM016434.D
 Acq: 17 Aug 2018 11:58

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

Tot Ion	Ratio	Resp	Lower	Upper
232	100	1737		
131	50.3	0.0	0.0	0.0#
130	0.0	0.0	0.0	0.0
166	15.7	0.0	0.0	0.0#

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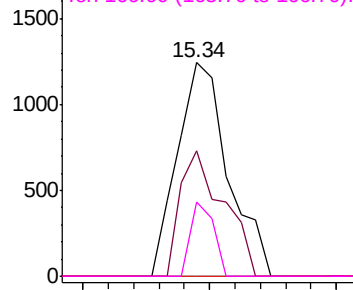
Abundance

Ion 232.00 (231.70 to 232.70): E

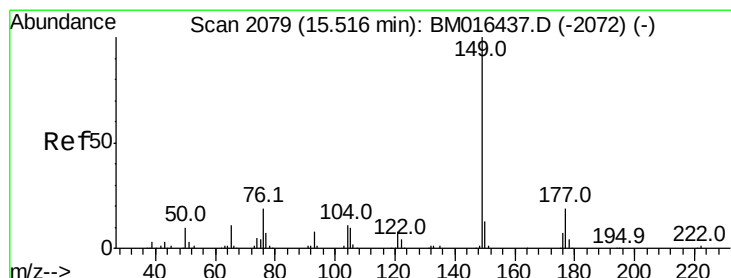
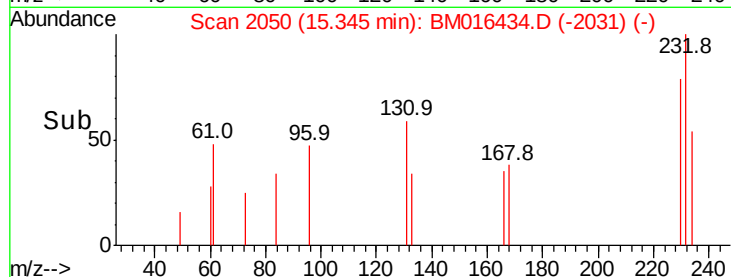
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

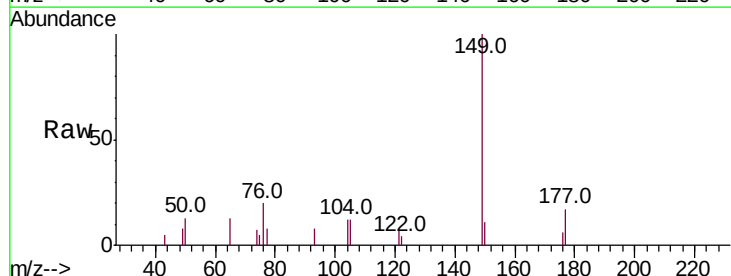


Time-->



#59
 Diethylphthalate
 Concen: 2.630 ng
 RT: 15.51 min Scan# 2078
 Delta R.T. -0.01 min
 Lab File: BM016434.D
 Acq: 17 Aug 2018 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	9388		
177	17.3	18.3	27.5#	
150	11.4	9.8	14.8	

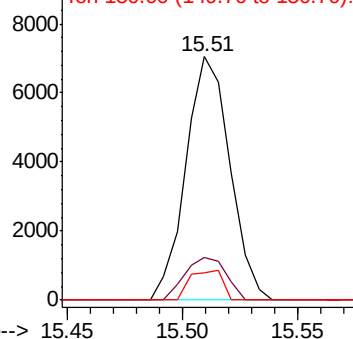


Abundance

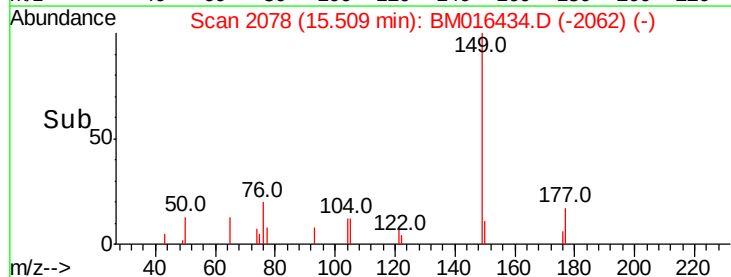
Ion 149.00 (148.70 to 149.70): E

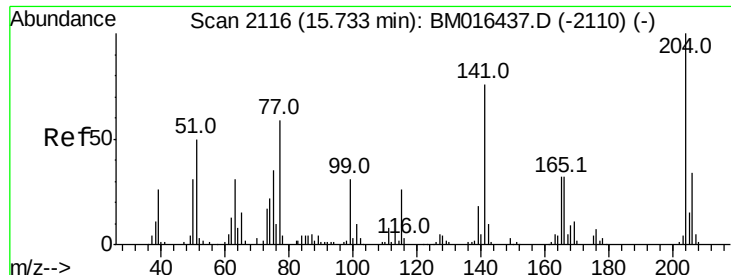
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->





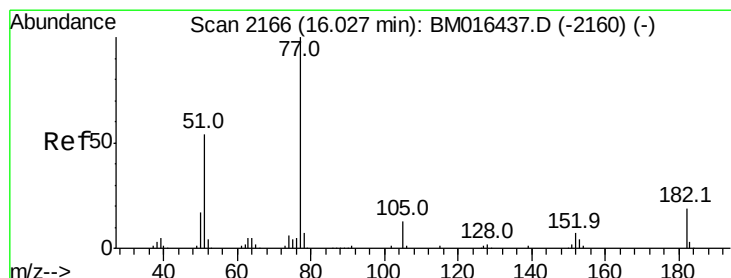
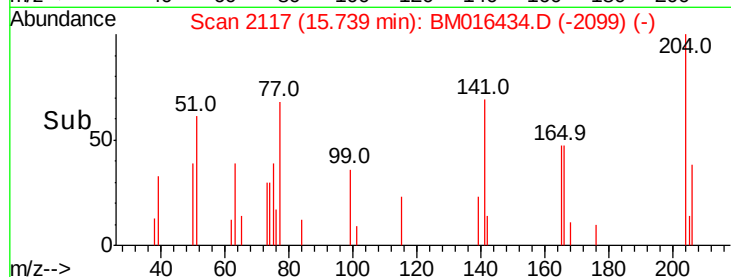
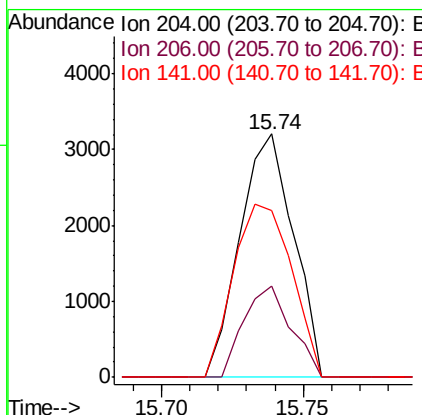
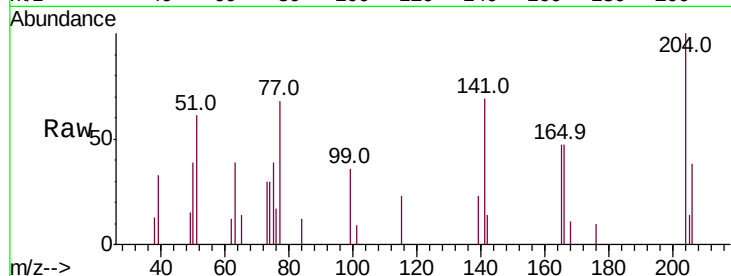
#60
 4-Chlorophenyl-phenylether
 Concen: 2.589 ng
 RT: 15.74 min Scan# 2117
 Delta R.T. 0.01 min
 Lab File: BM016434.D
 Acq: 17 Aug 2018 11:58

Instrument :
 BNA_M
 ClientSampled :
 SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
204	100		
206	37.7	26.6	39.8
141	68.5	45.2	67.8

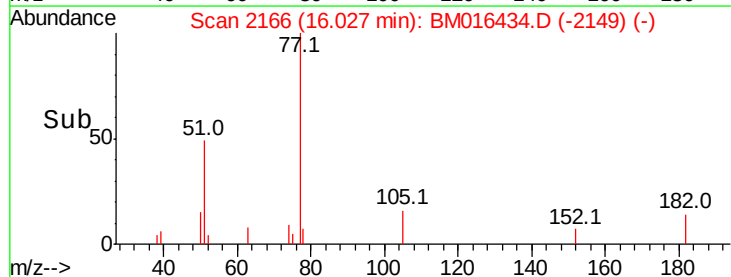
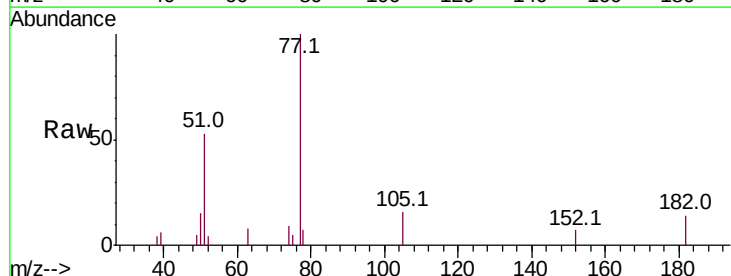
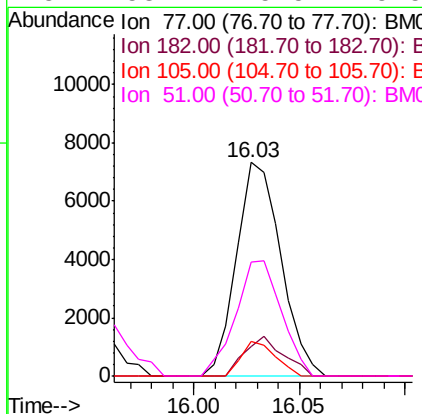
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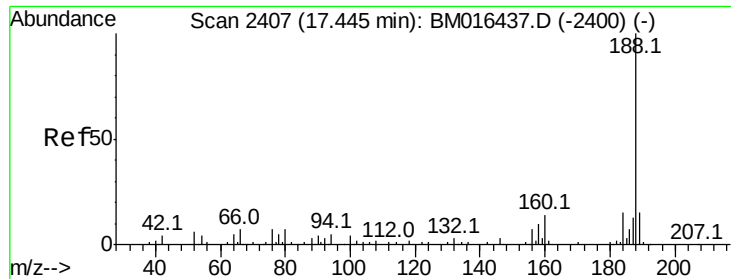
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#62
 Azobenzene
 Concen: 2.845 ng
 RT: 16.03 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: BM016434.D
 Acq: 17 Aug 2018 11:58

Tgt Ion	Ratio	Lower	Upper
77	100		
182	13.7	6.5	46.5
105	16.2	3.8	43.8
51	53.2	5.5	45.5





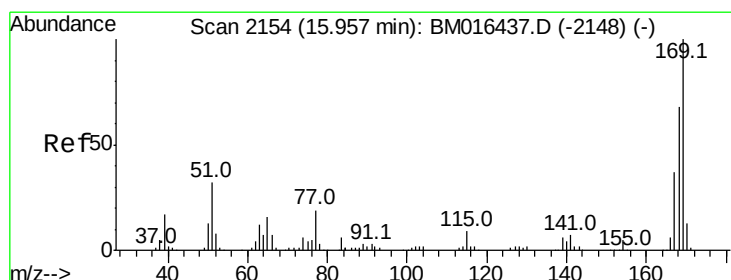
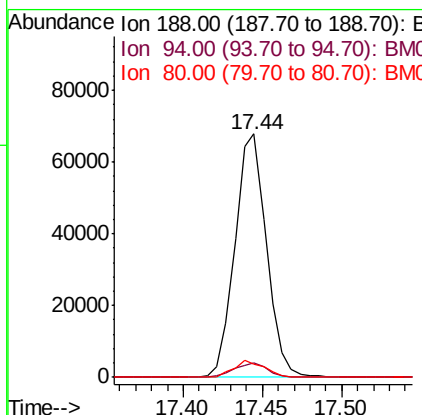
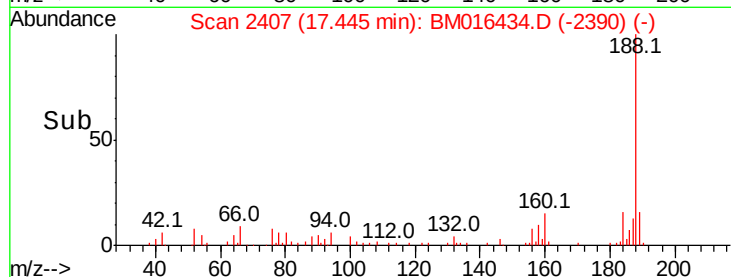
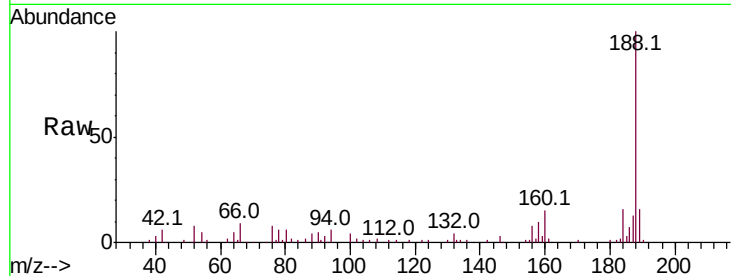
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2407
 Delta R.T. -0.00 min
 Lab File: BM016434.D
 Acq: 17 Aug 2018 11:58

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	5.8	8.7	13.1#	
80	5.6	9.3	13.9#	

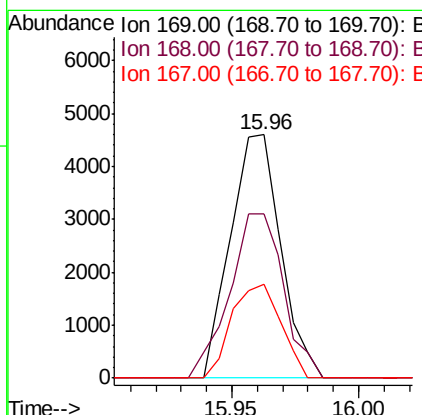
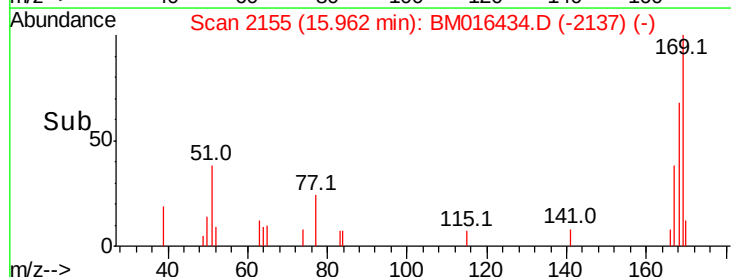
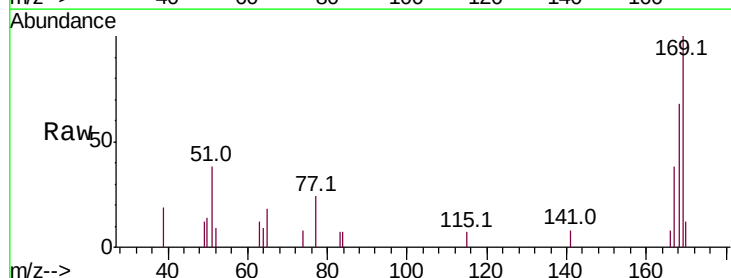
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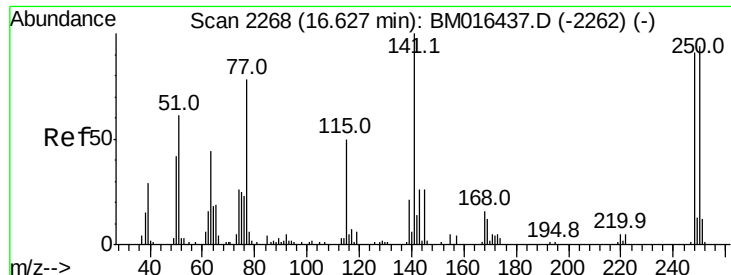
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#65
 n-Nitrosodiphenylamine
 Concen: 2.068 ng
 RT: 15.96 min Scan# 2155
 Delta R.T. 0.01 min
 Lab File: BM016434.D
 Acq: 17 Aug 2018 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.6	53.9	80.9	
167	38.5	28.9	43.3	





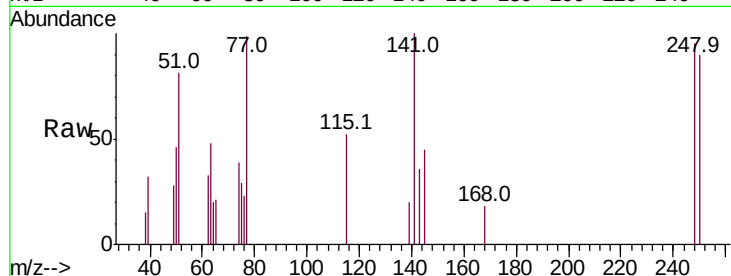
#66
 4-Bromophenyl-phenylether
 Concen: 2.385 ng
 RT: 16.63 min Scan# 2269
 Delta R.T. 0.01 min
 Lab File: BM016434.D
 Acq: 17 Aug 2018 11:58

Instrument :
 BNA_M
 ClientSampled :
 SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.1	77.4	116.0
141	105.1	45.2	67.8#

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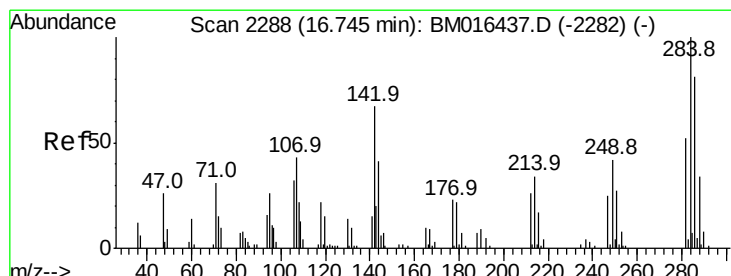
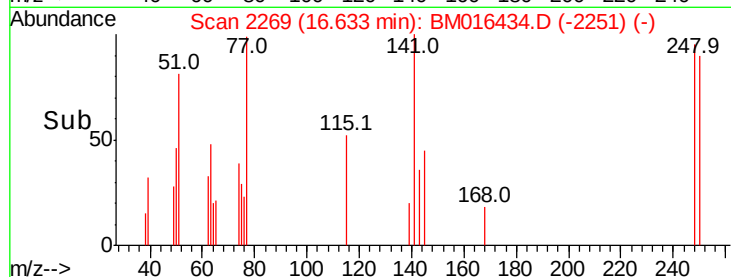
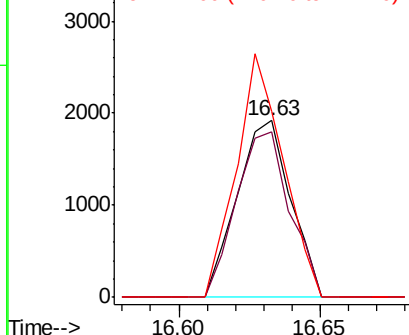


Abundance

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: 1.998 ng
 RT: 16.75 min Scan# 2289
 Delta R.T. 0.01 min
 Lab File: BM016434.D
 Acq: 17 Aug 2018 11:58

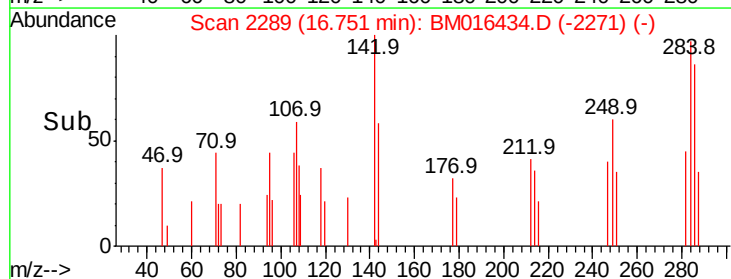
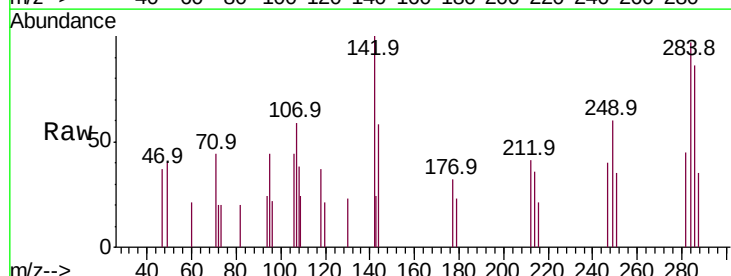
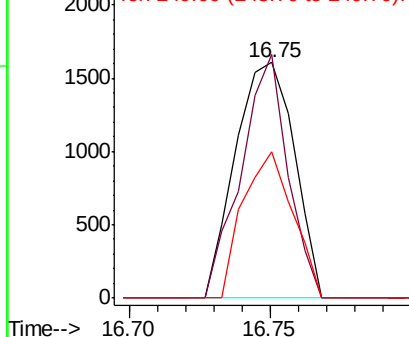
Tgt Ion	Ratio	Lower	Upper
284	100		
142	103.4	20.4	30.6#
249	62.0	23.8	35.6#

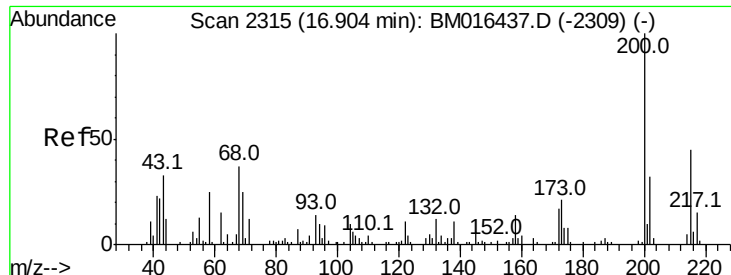
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





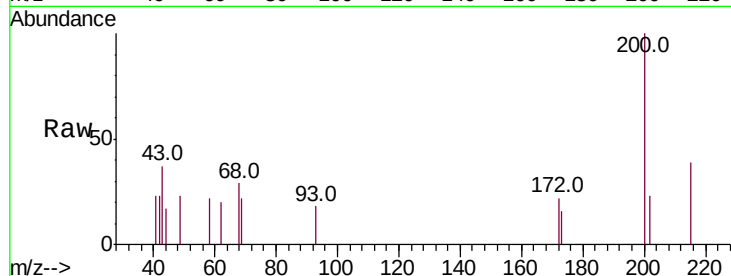
#68
Atrazine
Concen: 2.323 ng
RT: 16.90 min Scan# 2315
Delta R.T. -0.00 min
Lab File: BM016434.D
Acq: 17 Aug 2018 11:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
200	100		
173	15.6	4.8	44.8
215	38.9	26.9	66.9

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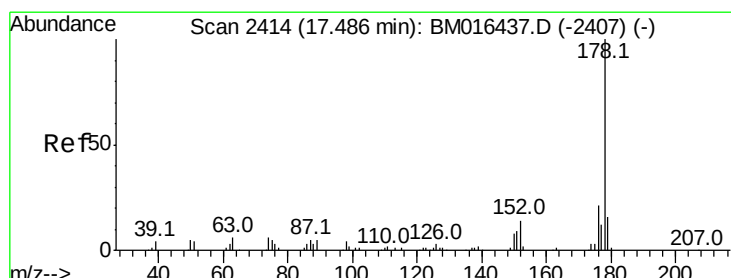
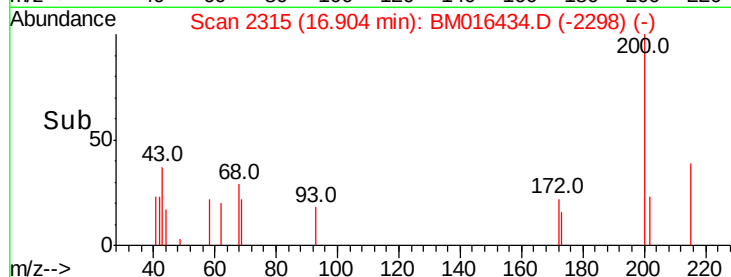
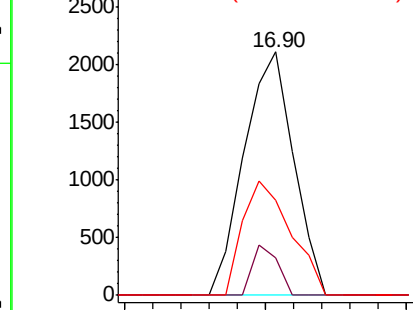


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Phenanthrene
Concen: 2.139 ng
RT: 17.49 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BM016434.D
Acq: 17 Aug 2018 11:58

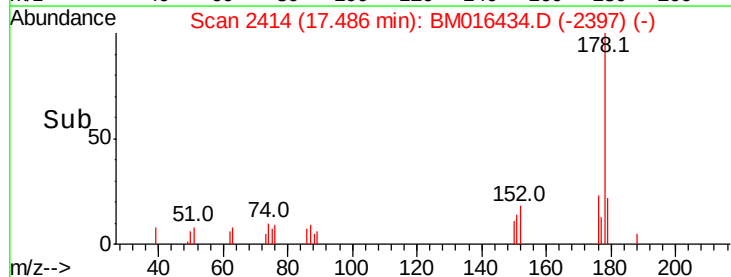
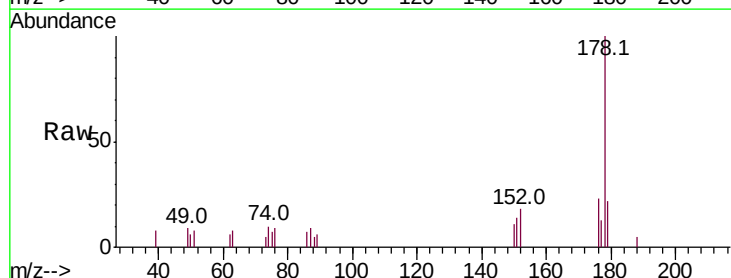
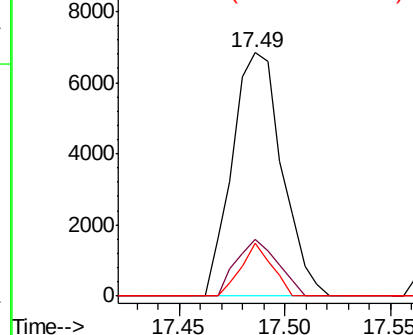
Tgt Ion	Ratio	Lower	Upper
178	100		
176	23.2	15.2	22.8#
179	21.7	12.1	18.1#

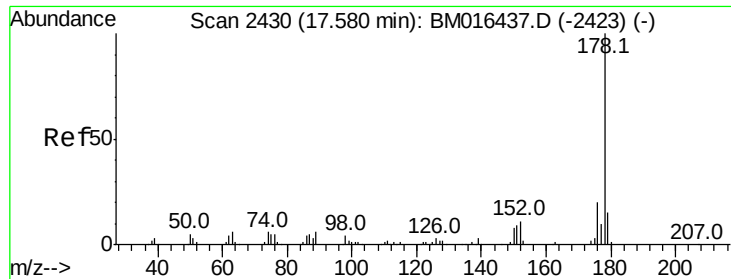
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





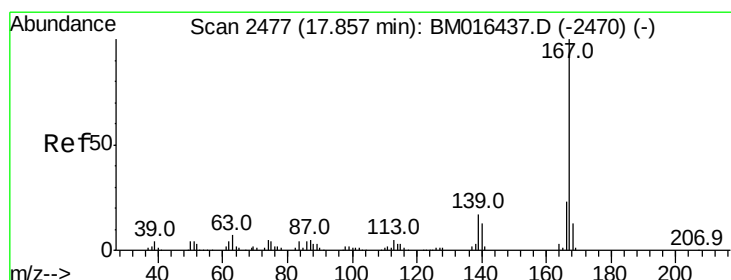
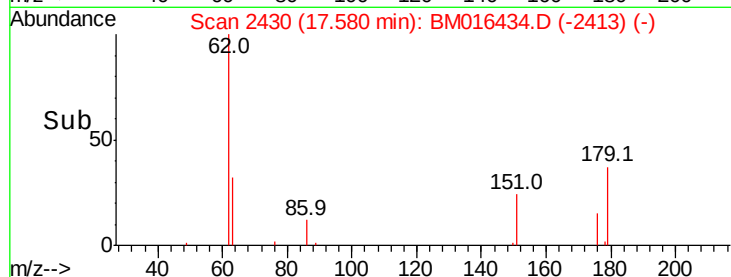
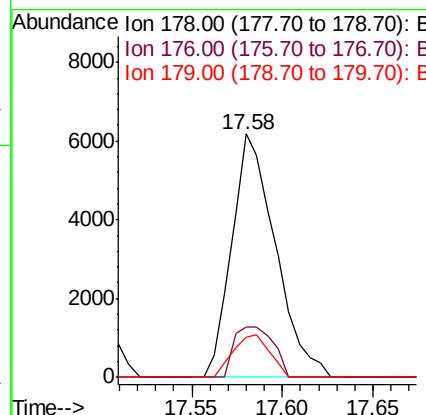
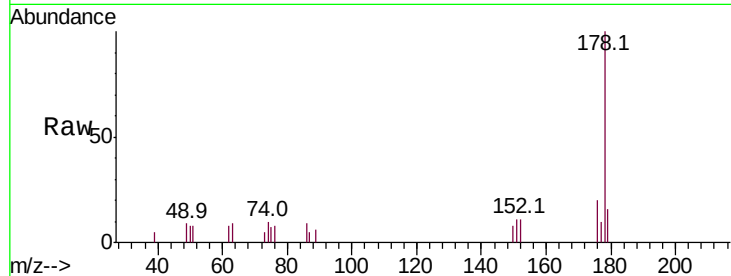
#71
 Anthracene
 Concen: 2.034 ng
 RT: 17.58 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: BM016434.D
 Acq: 17 Aug 2018 11:58

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	14.6	22.0
179	16.4	12.6	19.0

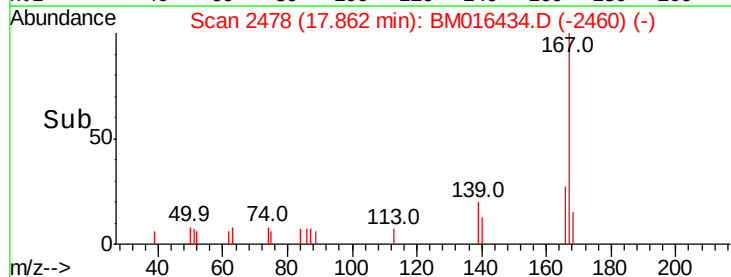
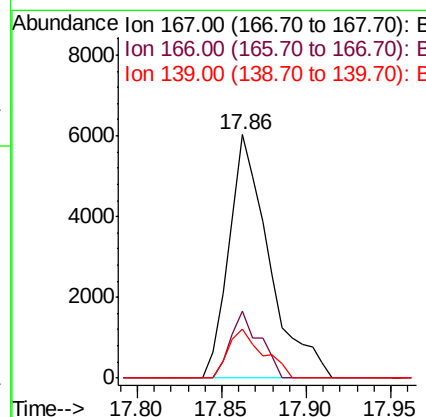
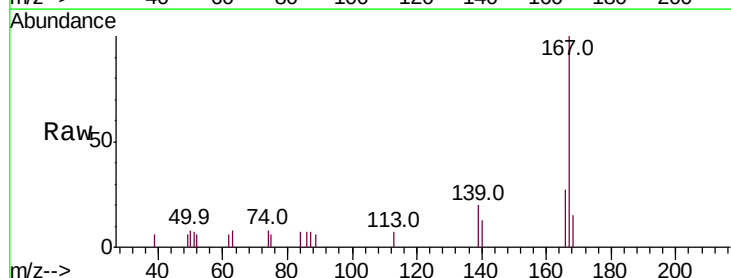
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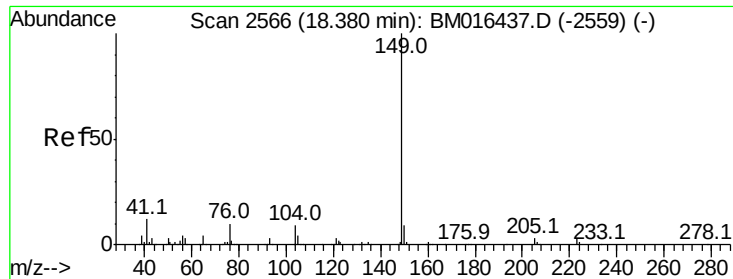
Sohil
 8/20/2018 4:17:02 PM



#72
 Carbazole
 Concen: 1.902 ng
 RT: 17.86 min Scan# 2478
 Delta R.T. 0.01 min
 Lab File: BM016434.D
 Acq: 17 Aug 2018 11:58

Tgt Ion	Ratio	Lower	Upper
167	100		
166	27.5	17.2	25.8#
139	20.2	10.8	16.2#





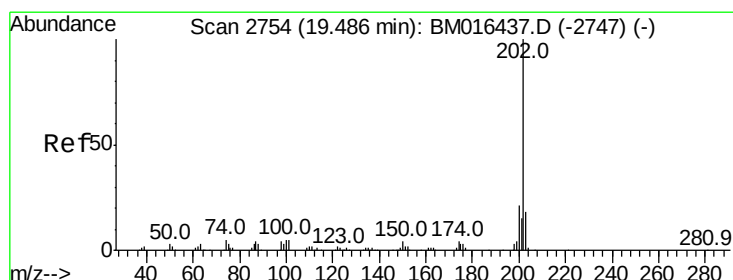
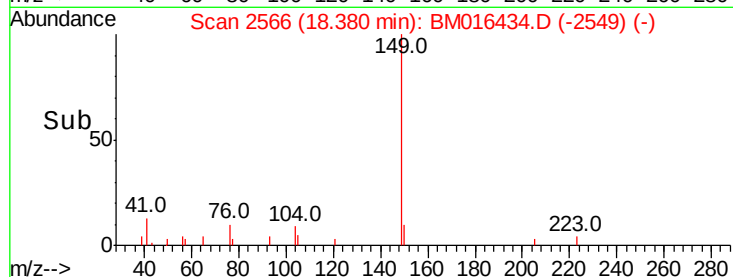
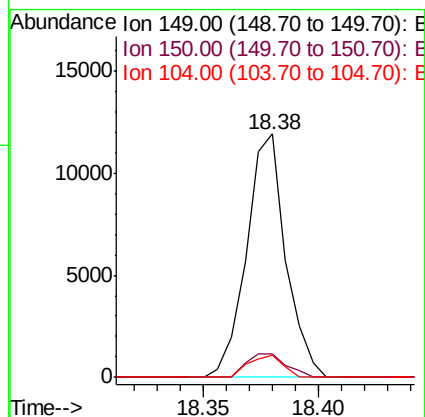
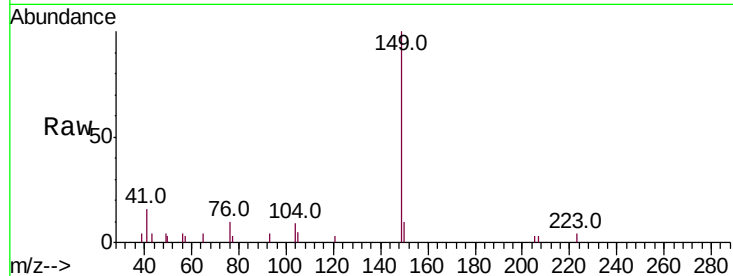
#73
Di-n-butylphthalate
Concen: 2.148 ng
RT: 18.38 min Scan# 2566
Delta R.T. -0.00 min
Lab File: BM016434.D
Acq: 17 Aug 2018 11:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.9	7.5	11.3
104	8.9	3.7	5.5

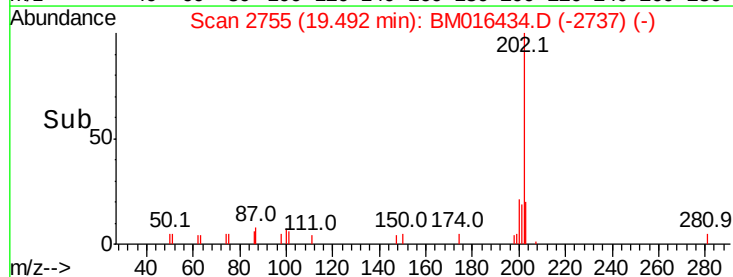
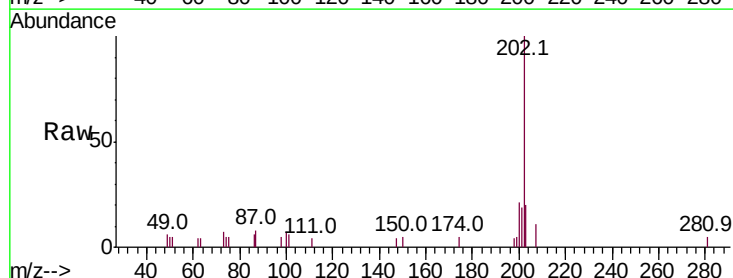
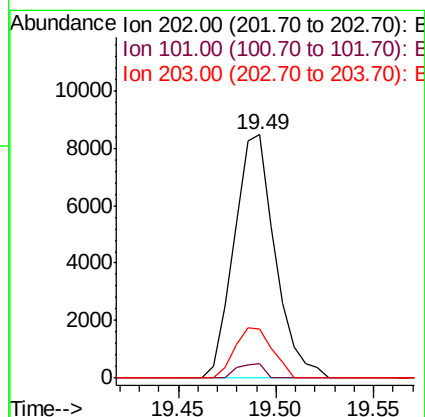
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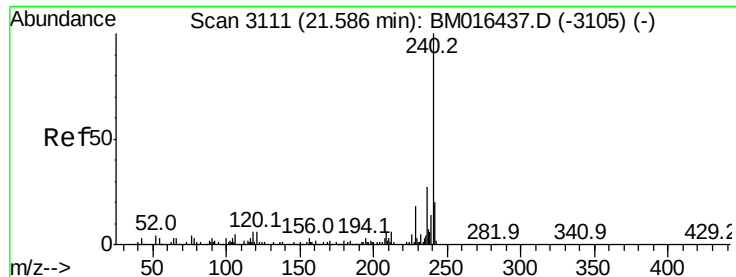
Sohil
8/20/2018 4:17:02 PM



#74
Fluoranthene
Concen: 2.112 ng
RT: 19.49 min Scan# 2755
Delta R.T. 0.01 min
Lab File: BM016434.D
Acq: 17 Aug 2018 11:58

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	6.1	0.0	28.7
203	19.9	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.59 min Scan# 3111

Delta R.T. -0.00 min

Lab File: BM016434.D

Acq: 17 Aug 2018 11:58

Instrument :

BNA_M

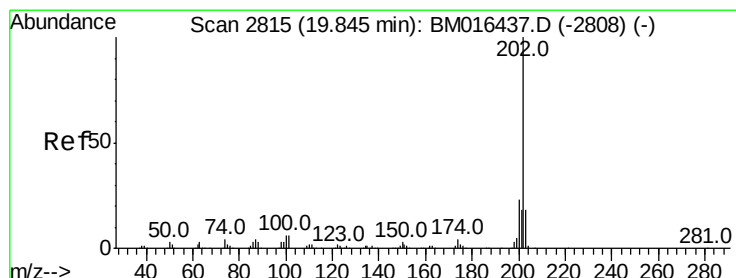
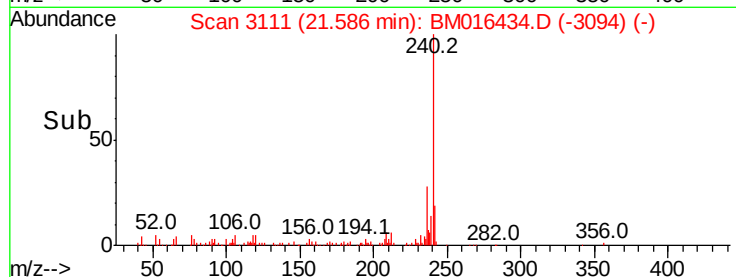
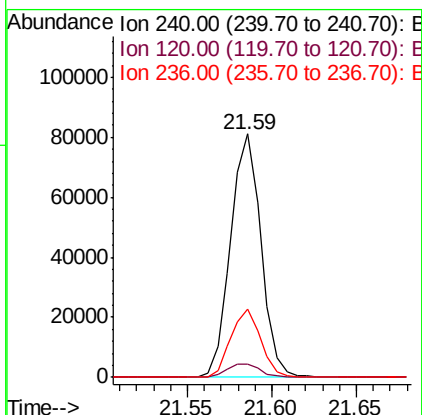
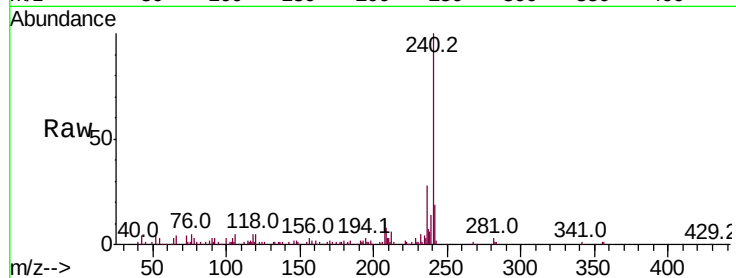
ClientSampled :

SSTDICC2.5

Tot Ion:	240	Resp:	101713
Ion Ratio	Lower	Upper	
240	100		
120	5.4	8.2	12.2#
236	27.9	20.0	30.0

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8/20/2018 4:17:02 PM



#77

Pyrene

Concen: 2.276 ng

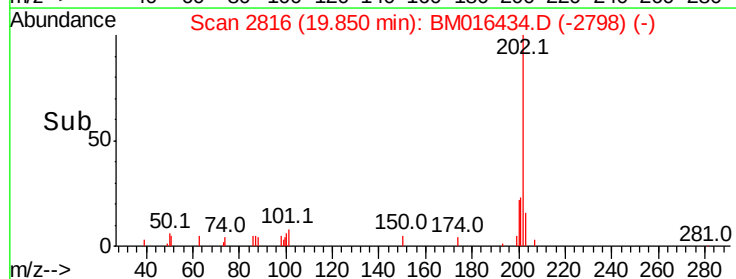
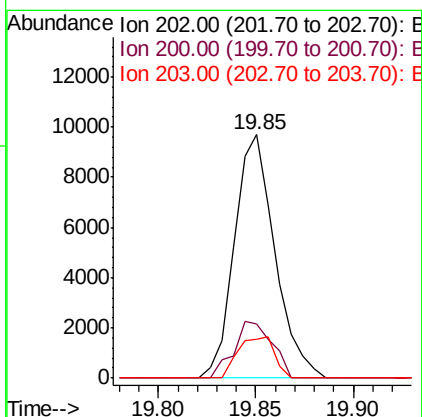
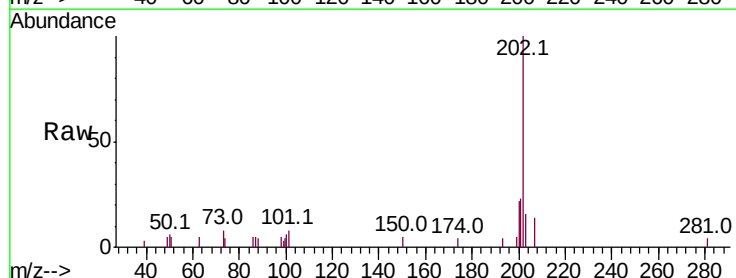
RT: 19.85 min Scan# 2816

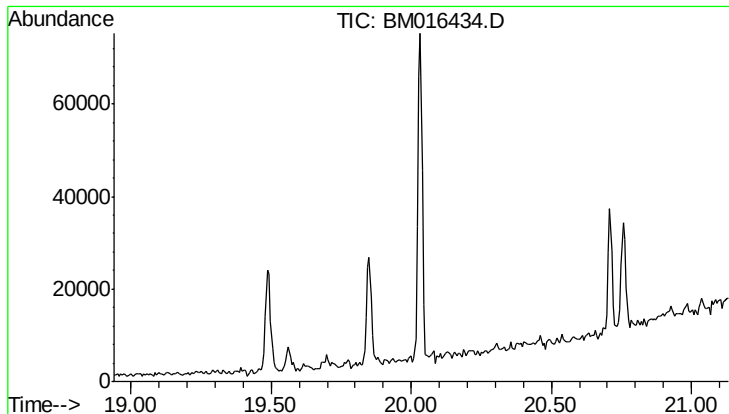
Delta R.T. 0.01 min

Lab File: BM016434.D

Acq: 17 Aug 2018 11:58

Tgt Ion:	202	Resp:	13876
Ion Ratio	Lower	Upper	
202	100		
200	22.3	16.9	25.3
203	16.0	14.1	21.1





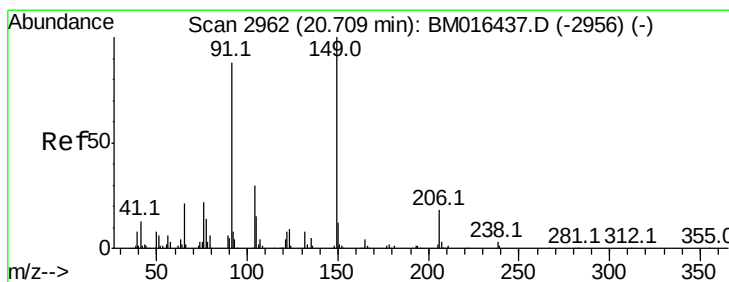
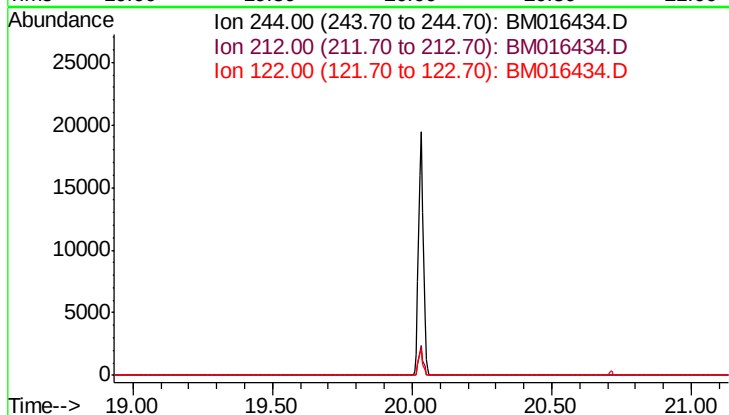
#78
 Terphenyl-d14
 Concen: 2.276 ng
 Expected RT: 20.03 min
 Lab File: BM016434.D
 Acq: 17 Aug 2018 11:58

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

Tot Ion	244
Exp Ratio	100
244	100
212	6.1
122	7.8

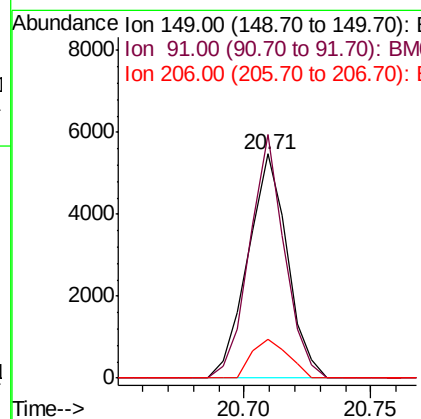
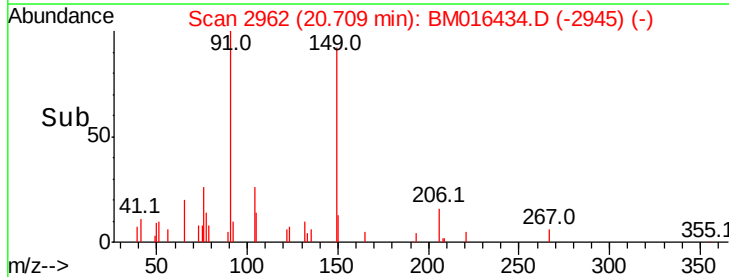
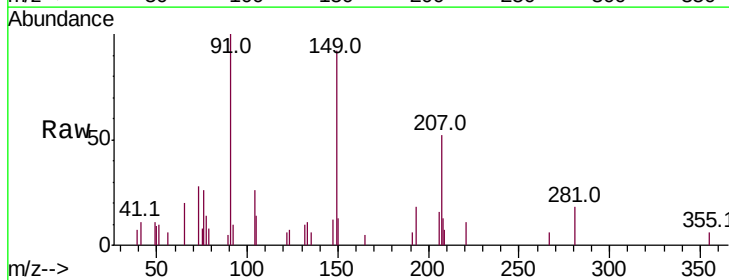
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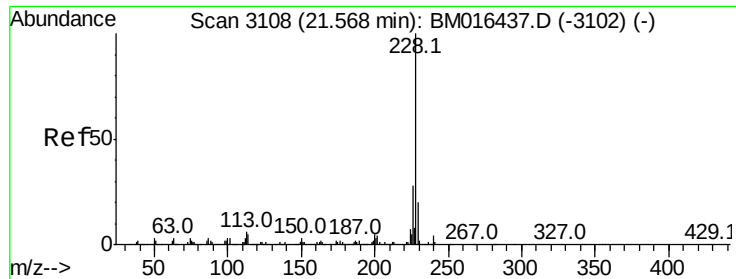
Sohil
 8/20/2018 4:17:02 PM



#79
 Butylbenzylphthalate
 Concen: 1.920 ng
 RT: 20.71 min Scan# 2962
 Delta R.T. -0.00 min
 Lab File: BM016434.D
 Acq: 17 Aug 2018 11:58

Tgt Ion	149	Resp	5944
Ion Ratio	100	Lower	Upper
149	100		
91	108.7	50.1	75.1#
206	17.3	16.2	24.2





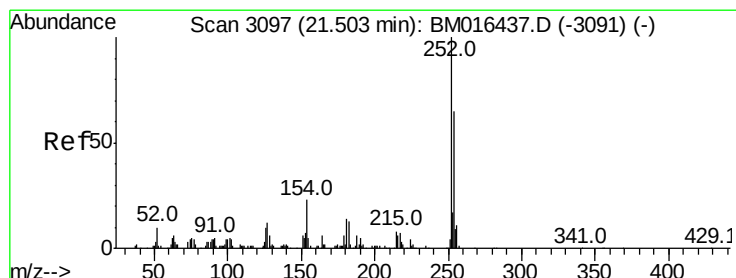
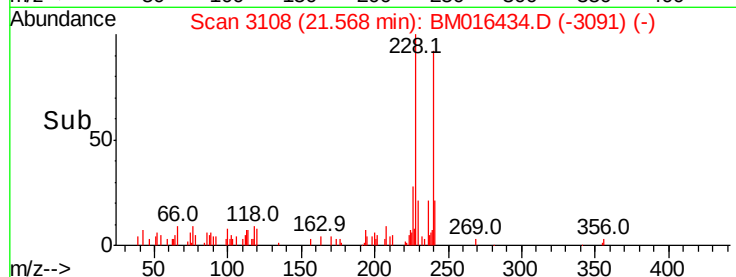
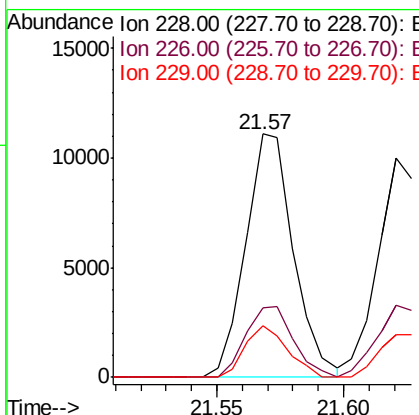
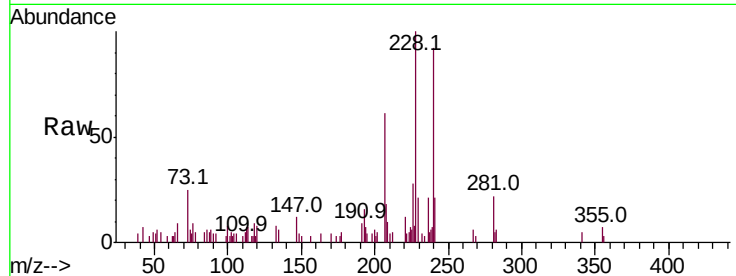
#80
Benzo(a)anthracene
Concen: 2.337 ng
RT: 21.57 min Scan# 3108
Delta R.T. -0.00 min
Lab File: BM016434.D
Acq: 17 Aug 2018 11:58

Instrument :
BNA_M
ClientSampled :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.7	32.5
229	21.2	16.0	24.0

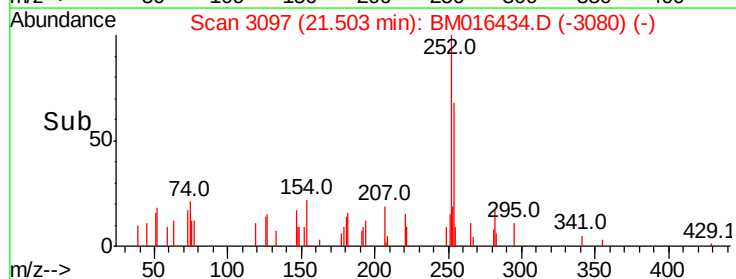
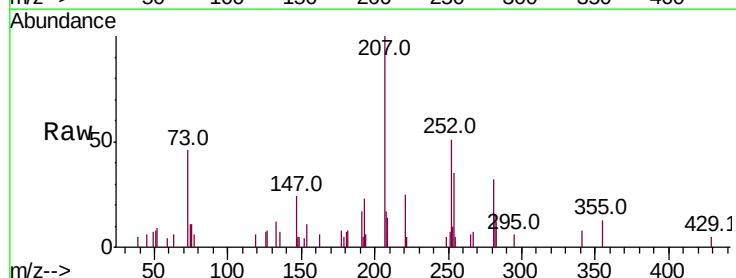
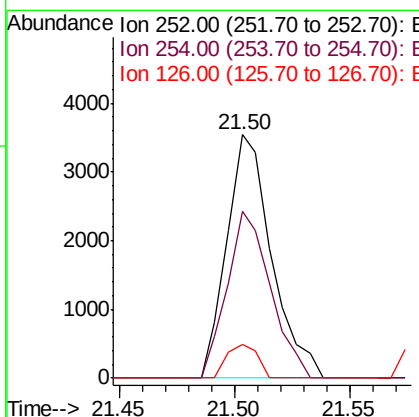
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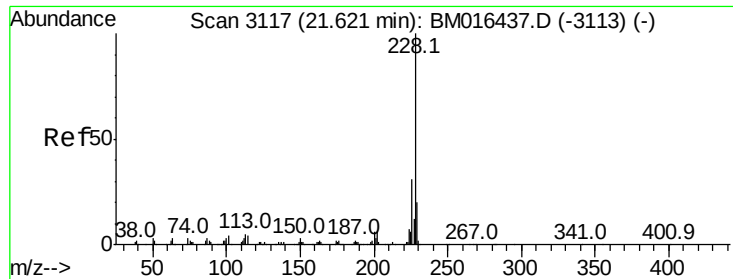
Sohil
8/20/2018 4:17:02 PM



#81
3,3'-Dichlorobenzidine
Concen: 1.895 ng
RT: 21.50 min Scan# 3097
Delta R.T. -0.00 min
Lab File: BM016434.D
Acq: 17 Aug 2018 11:58

Tgt Ion	Ratio	Lower	Upper
252	100		
254	68.3	51.9	77.9
126	14.0	9.8	14.8





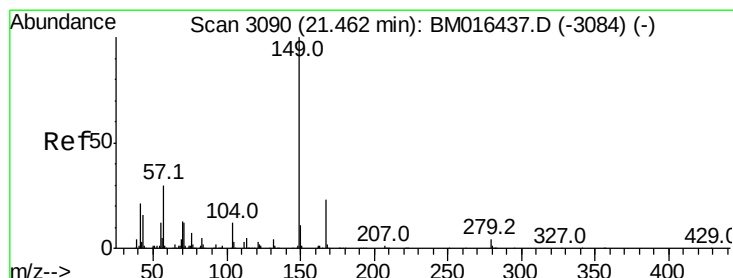
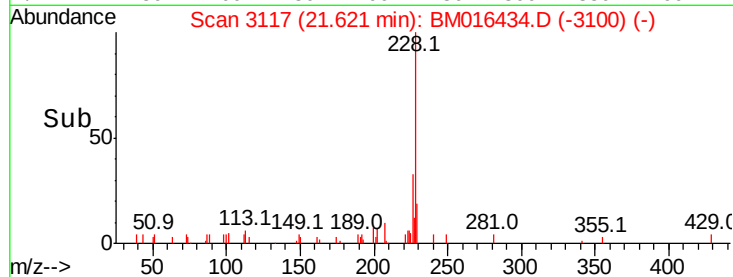
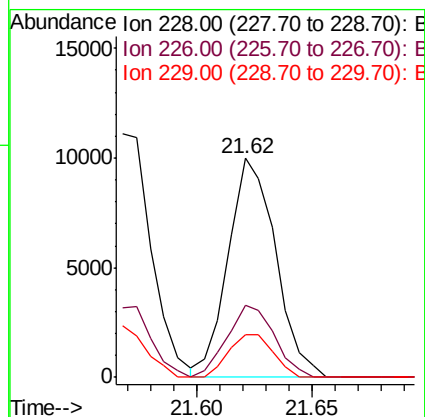
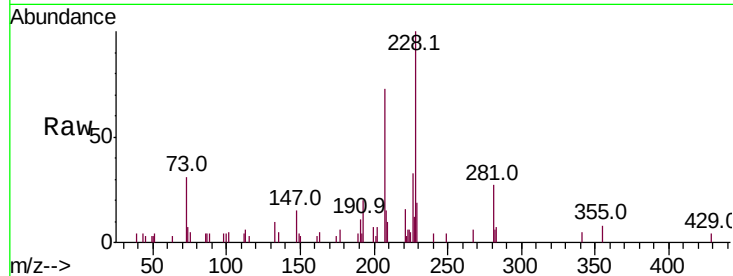
#82
 Chrysene
 Concen: 2.382 ng
 RT: 21.62 min Scan# 3117
 Delta R.T. -0.00 min
 Lab File: BM016434.D
 Acq: 17 Aug 2018 11:58

Instrument :
 BNA_M
 ClientSampled :
 SSTDICC2.5

Tot Ion:	228	Resp:	14314
Ion Ratio	Lower	Upper	
228	100		
226	32.9	24.1	36.1
229	19.5	15.5	23.3

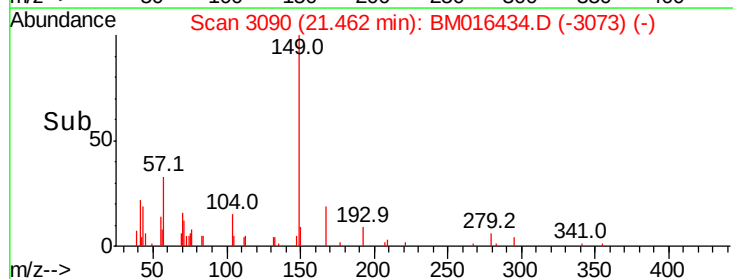
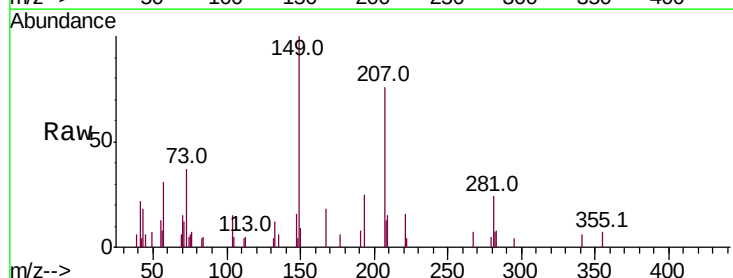
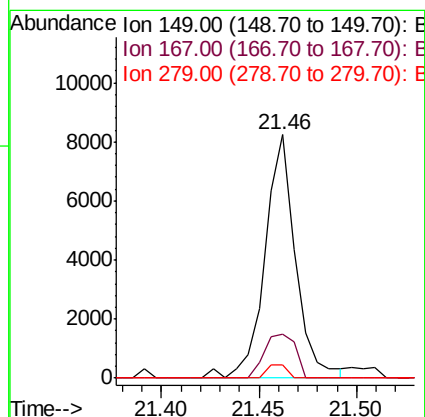
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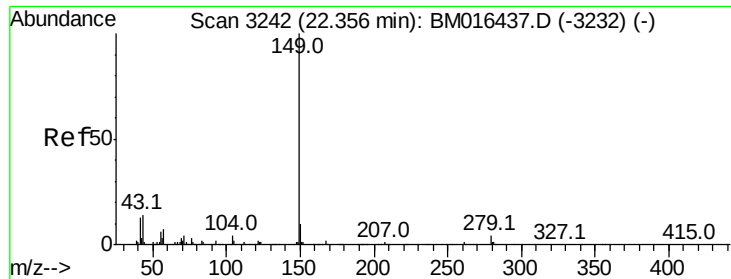
Sohil
 8/20/2018 4:17:02 PM



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.997 ng
 RT: 21.46 min Scan# 3090
 Delta R.T. -0.00 min
 Lab File: BM016434.D
 Acq: 17 Aug 2018 11:58

Tgt Ion:	149	Resp:	8963
Ion Ratio	Lower	Upper	
149	100		
167	18.1	22.4	33.6#
279	5.4	3.4	5.0#





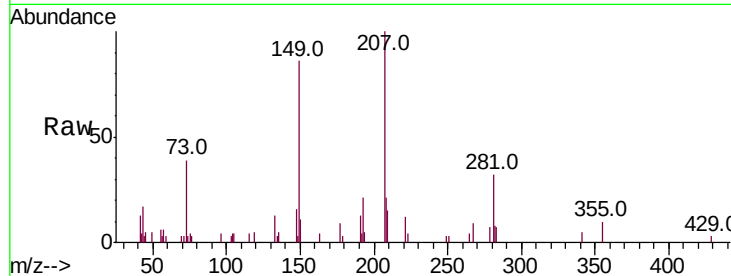
#84
Di-n-octyl phthalate
Concen: 1.736 ng
RT: 22.36 min Scan# 3242
Delta R.T. -0.00 min
Lab File: BM016434.D
Acq: 17 Aug 2018 11:58

Instrument :
BNA_M
ClientSampled :
SSTDICC2.5

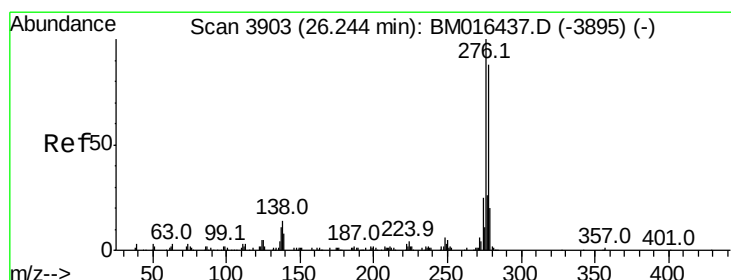
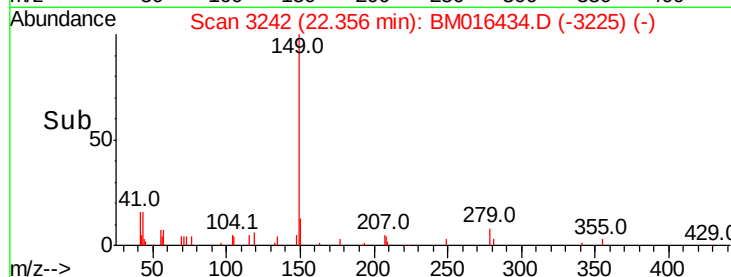
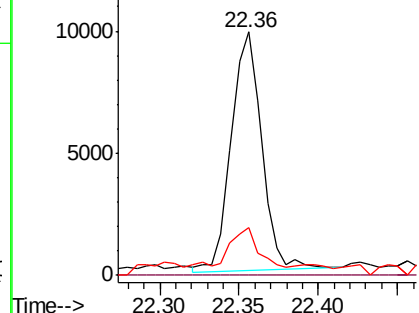
Tot Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	15.7	7.3	10.9#

Manual Integrations
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8/20/2018 4:17:02 PM



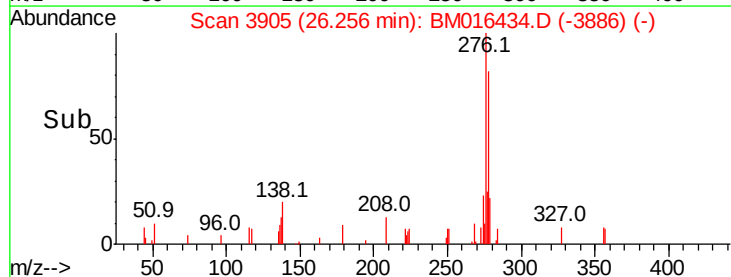
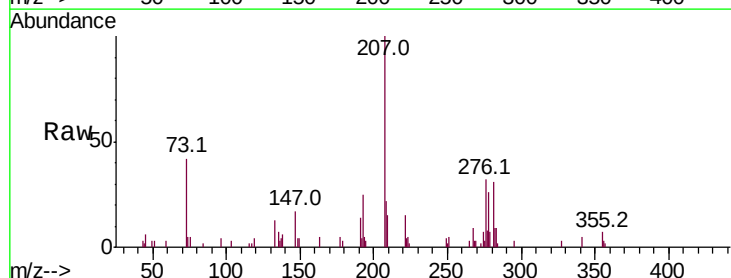
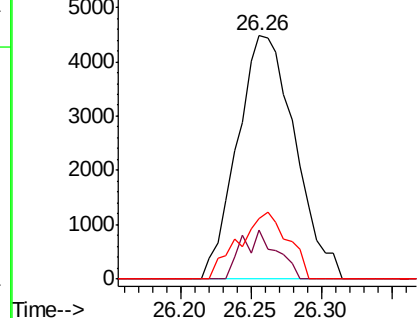
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM

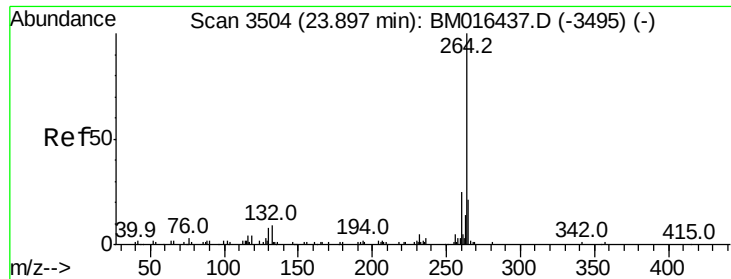


#85
Indeno(1,2,3-cd)pyrene
Concen: 1.795 ng
RT: 26.26 min Scan# 3905
Delta R.T. 0.01 min
Lab File: BM016434.D
Acq: 17 Aug 2018 11:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.2	12.0	18.0
277	23.3	20.0	30.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





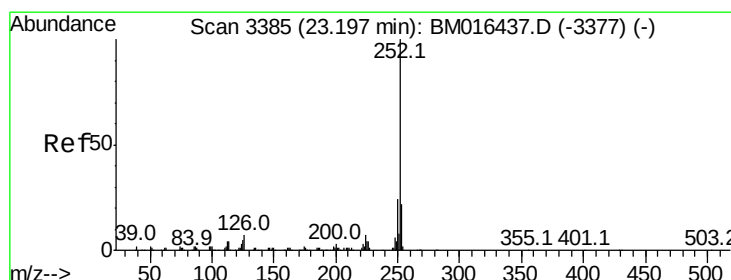
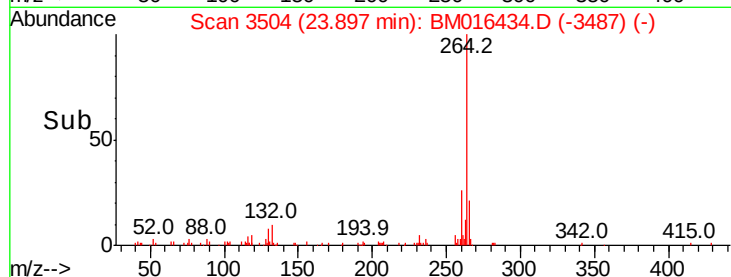
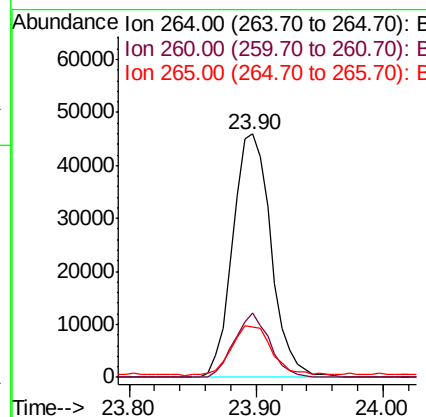
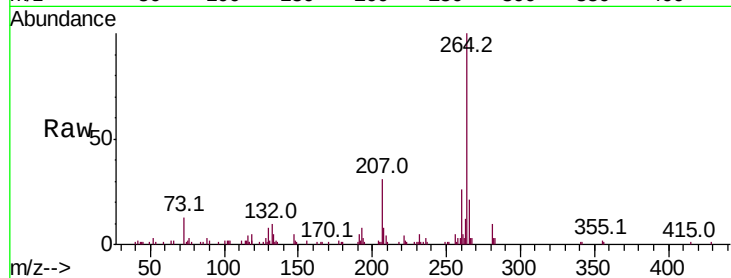
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.90 min Scan# 3504
Delta R.T. -0.00 min
Lab File: BM016434.D
Acq: 17 Aug 2018 11:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.5	18.6	27.8
265	20.6	17.3	25.9

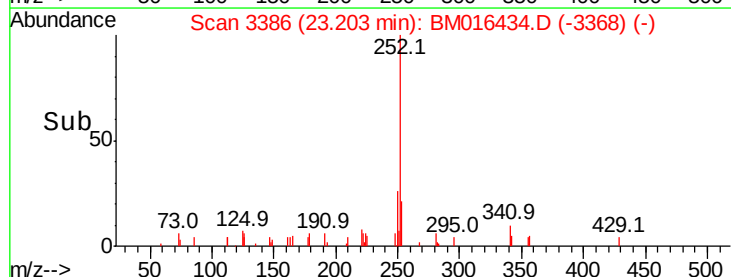
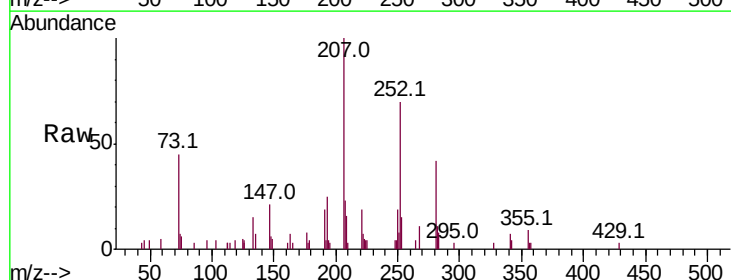
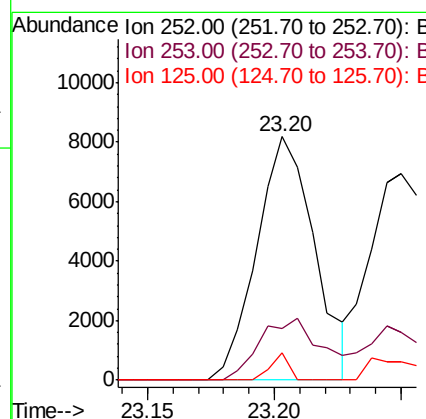
Manual Integrations
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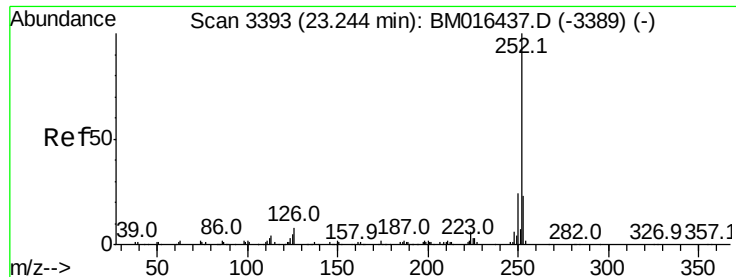
Sohil
8/20/2018 4:17:02 PM



#87
Benzo(b)fluoranthene
Concen: 2.299 ng
RT: 23.20 min Scan# 3386
Delta R.T. 0.01 min
Lab File: BM016434.D
Acq: 17 Aug 2018 11:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.0	27.0
125	11.1	9.9	14.9





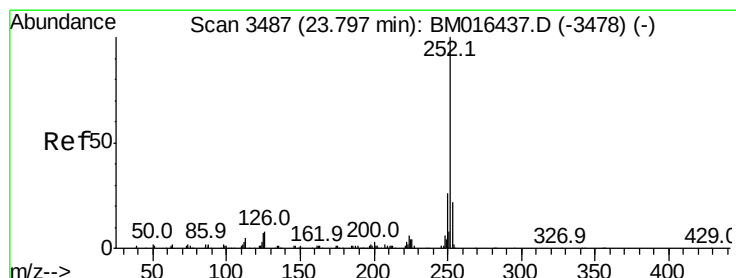
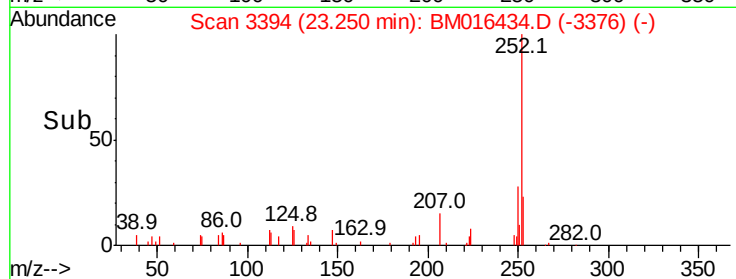
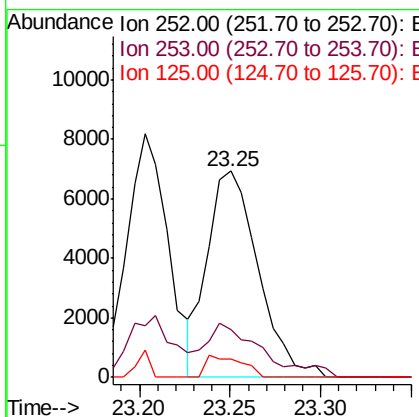
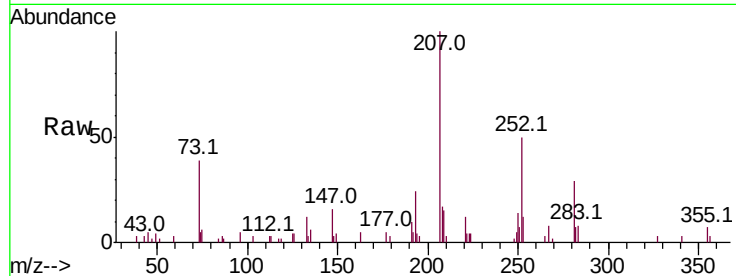
#88
Benzo(k)fluoranthene
Concen: 2.361 ng
RT: 23.25 min Scan# 3394
Delta R.T. 0.01 min
Lab File: BM016434.D
Acq: 17 Aug 2018 11:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	8.8	8.1	12.1

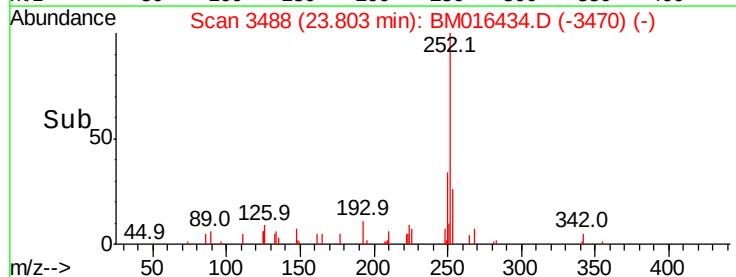
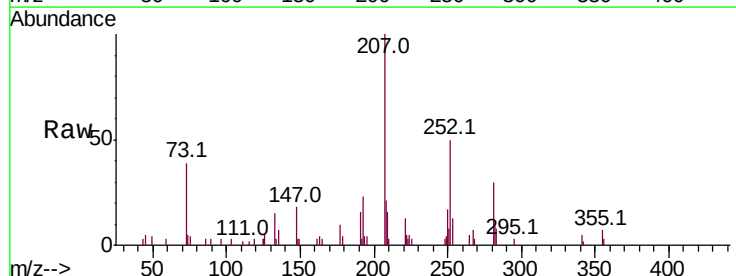
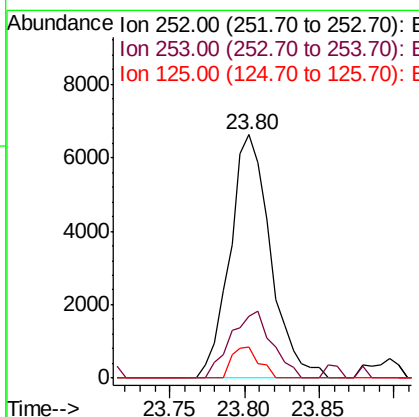
Manual Integrations
APPROVED

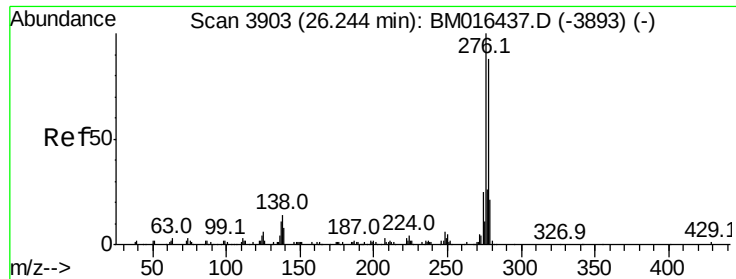
Sohil
8/20/2018 4:17:02 PM



#89
Benzo(a)pyrene
Concen: 2.306 ng
RT: 23.80 min Scan# 3488
Delta R.T. 0.01 min
Lab File: BM016434.D
Acq: 17 Aug 2018 11:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.6	26.4
125	12.9	7.4	11.2#





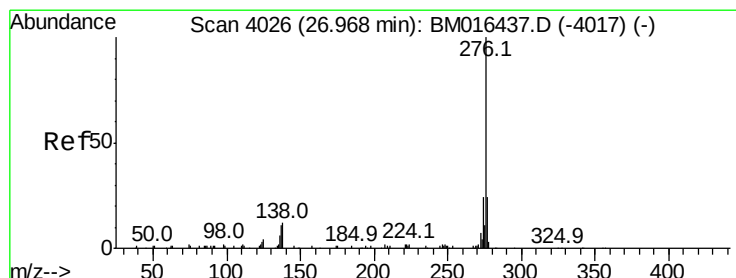
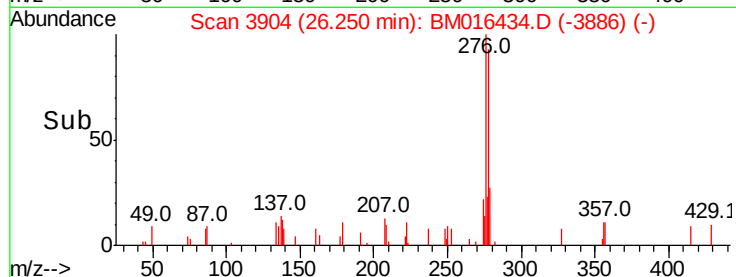
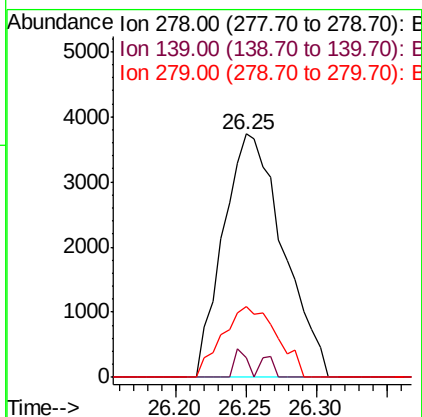
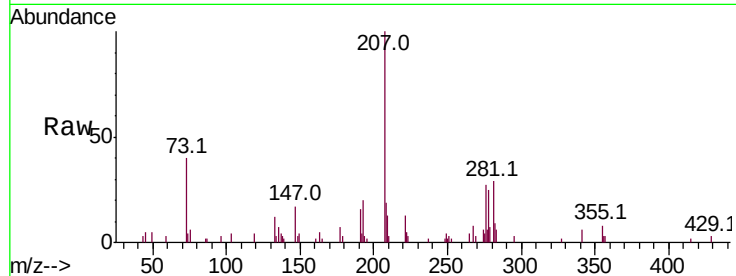
#90
Dibenzo(a,h)anthracene
Concen: 1.961 ng
RT: 26.25 min Scan# 3904
Delta R.T. 0.01 min
Lab File: BM016434.D
Acq: 17 Aug 2018 11:58

Instrument :
BNA_M
ClientSampled :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.3	13.4	20.0#
279	29.3	19.0	28.4#

Manual Integrations
APPROVED

Sohil
8/20/2018 4:17:02 PM



#91
Benzo(g,h,i)perylene
Concen: 1.943 ng m
RT: 26.99 min Scan# 4029
Delta R.T. 0.02 min
Lab File: BM016434.D
Acq: 17 Aug 2018 11:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.7	18.5	27.7
138	15.8	19.0	28.6#

