

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
 Data File : BM016481.D
 Acq On : 21 Aug 2018 12:08
 Operator : SJ/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

Manual Integrations
 APPROVED

Sohil
 8/22/2018 6:05:48 PM

Quant Time: Aug 21 16:26:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 14:43:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	124080	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	459653	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	291993	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	929085	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1311587	20.00	ng	0.00
86) Perylene-d12	23.84	264	1601414	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	23797m	3.22	ng	0.05
7) Phenol-d6	7.22	99	32875m	3.31	ng	0.02
23) Nitrobenzene-d5	9.23	82	41456m	3.76	ng	0.02
41) 2,4,6-Tribromophenol	0.00	330	0d	0.00	ng	
44) 2-Fluorobiphenyl	13.29	172	124906	4.45	ng	0.00
78) Terphenyl-d14	20.00	244	266632	3.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.38	88	8510m	2.302	ng	
6) Aniline	7.37	93	19625m	1.911	ng	
8) 2-Chlorophenol	7.62	128	14798m	1.626	ng	
9) Benzaldehyde	7.23	77	13502m	2.069	ng	
10) Phenol	7.25	94	20183m	2.100	ng	
11) bis(2-Chloroethyl)ether	7.46	93	14209m	1.947	ng	
12) 1,3-Dichlorobenzene	7.92	146	22811	2.187	ng	# 66
13) 1,4-Dichlorobenzene	8.07	146	24199m	2.295	ng	
14) 1,2-Dichlorobenzene	8.38	146	23372	2.256	ng	# 83
15) Benzyl Alcohol	8.35	79	16297m	1.809	ng	
18) Hexachloroethane	9.09	117	9871	1.818	ng	# 62
22) Acetophenone	8.90	105	25926m	2.103	ng	
24) Nitrobenzene	9.27	77	21513m	2.022	ng	
25) Isophorone	9.78	82	26521m	1.802	ng	
27) 2,4-Dimethylphenol	10.04	122	11129m	1.860	ng	
28) bis(2-Chloroethoxy)methane	10.26	93	16868m	1.981	ng	
29) 2,4-Dichlorophenol	10.56	162	15119m	1.869	ng	
30) 1,2,4-Trichlorobenzene	10.70	180	27468	2.872	ng	# 88
31) Naphthalene	10.88	128	52830	2.266	ng	98
33) 4-Chloroaniline	11.05	127	18796m	1.881	ng	
37) 2-Methylnaphthalene	12.50	142	36586	2.115	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	36622	3.064	ng	# 100
42) 2,4,6-Trichlorophenol	13.13	196	18276m	2.446	ng	
43) 2,4,5-Trichlorophenol	13.24	196	19384m	2.659	ng	
45) 1,1'-Biphenyl	13.50	154	57192	2.116	ng	94
46) 2-Chloronaphthalene	13.56	162	46173	2.190	ng	# 92
48) Acenaphthylene	14.40	152	62379	1.968	ng	95
49) Dimethylphthalate	14.13	163	61944	2.163	ng	# 92
50) 2,6-Dinitrotoluene	14.27	165	10306	1.896	ng	# 70
51) Acenaphthene	14.73	154	39909	2.086	ng	93
54) Dibenzofuran	15.07	168	71583	2.123	ng	# 80
57) Fluorene	15.72	166	56252	2.184	ng	# 89
58) 2,3,4,6-Tetrachlorophenol	15.32	232	21651	3.170	ng	# 100
59) Diethylphthalate	15.48	149	66653	2.051	ng	# 94

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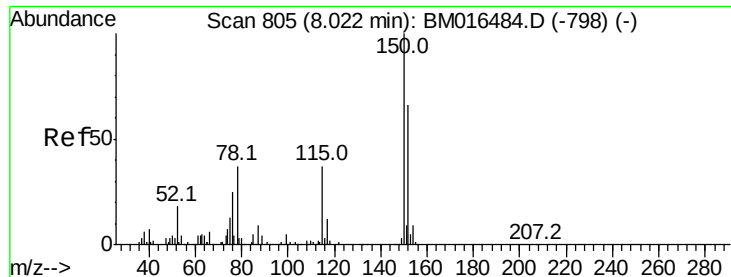
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Chlorophenyl-phenylether	15.70	204	47192	2.896	nq	91
62) Azobenzene	16.00	77	65536	1.749	nq	90
65) n-Nitrosodiphenylamine	15.92	169	54899	1.746	nq	96
66) 4-Bromophenyl-phenylether	16.59	248	29607	2.369	nq	95
67) Hexachlorobenzene	16.71	284	34598	2.821	nq	# 84
68) Atrazine	16.86	200	28567	2.479	nq	88
70) Phenanthrene	17.45	178	101960	1.937	nq	99
71) Anthracene	17.55	178	97949	1.874	nq	96
72) Carbazole	17.83	167	89597m	1.771	nq	
73) Di-n-butylphthalate	18.34	149	94253	1.299	nq	# 94
74) Fluoranthene	19.46	202	143702	2.260	nq	92
76) Benzidine	19.65	184	66256m	2.295	nq	
77) Pyrene	19.82	202	149825	1.731	nq	# 91
79) Butylbenzylphthalate	20.67	149	46455	1.145	nq	# 82
80) Benzo(a)anthracene	21.53	228	169480	1.997	nq	95
81) 3,3'-Dichlorobenzidine	21.47	252	79666	2.637	nq	# 95
82) Chrysene	21.59	228	171238	2.147	nq	99
83) Bis(2-ethylhexyl)phthalate	21.42	149	67825	1.172	nq	# 96
84) Di-n-octyl phthalate	22.31	149	115798	1.334	nq	# 93
85) Indeno(1,2,3-cd)pyrene	26.17	276	250353	3.838	nq	# 93
87) Benzo(b)fluoranthene	23.16	252	193153	1.821	nq	# 92
88) Benzo(k)fluoranthene	23.20	252	200481	1.891	nq	# 94
89) Benzo(a)pyrene	23.74	252	197213	2.054	nq	# 95
90) Dibenzo(a,h)anthracene	26.17	278	215319m	2.501	nq	
91) Benzo(g,h,i)perylene	26.90	276	214408m	2.771	nq	

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



#1

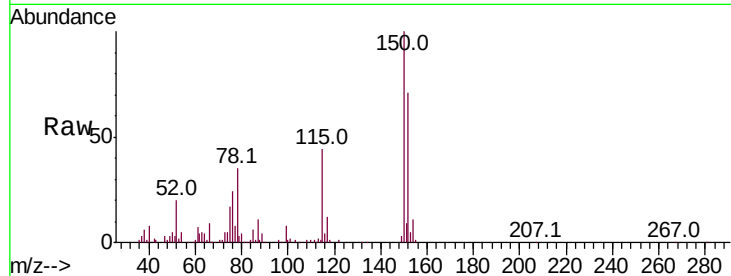
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. 0.00 min
Lab File: BM016481.D
Acq: 21 Aug 2018 12:08

Instrument :
BNA_M
ClientSampled :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.0	119.5	179.3
115	61.9	43.0	64.4

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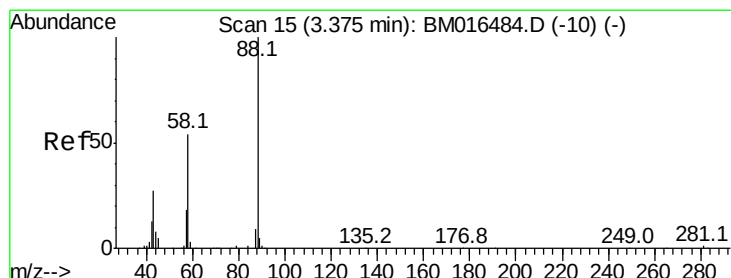
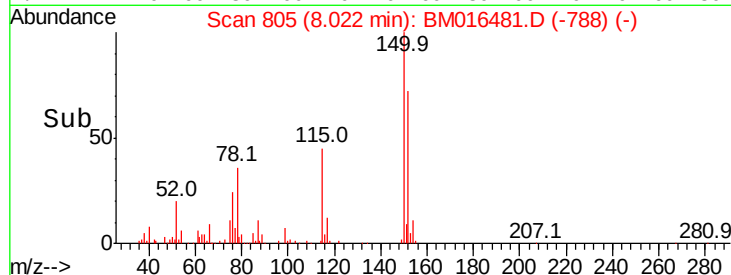
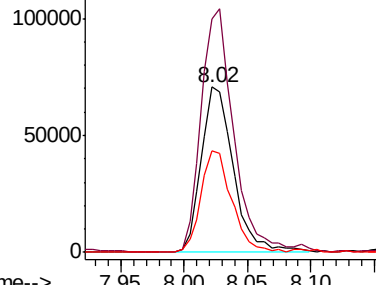


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

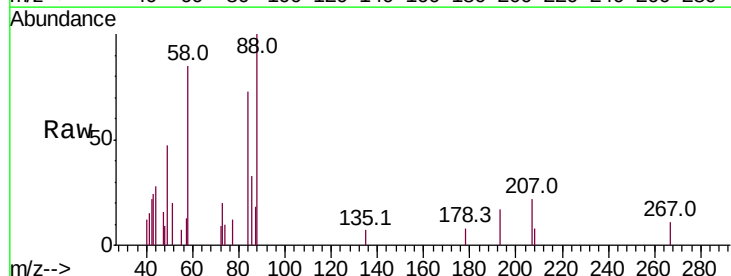
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 2.302 ng m
RT: 3.38 min Scan# 16
Delta R.T. 0.01 min
Lab File: BM016481.D
Acq: 21 Aug 2018 12:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	45.0	0.0	0.0#
43	23.8	0.0	0.0#

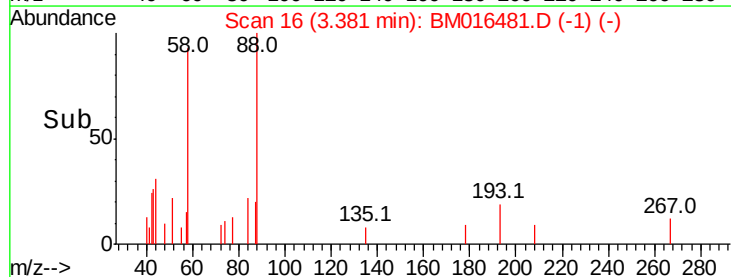
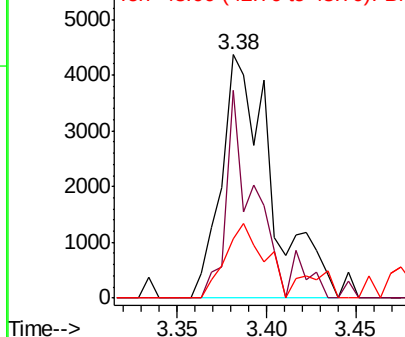


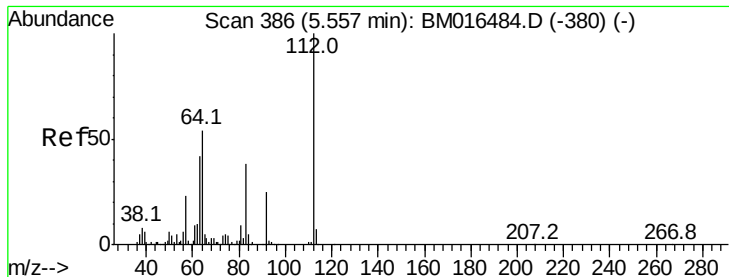
Abundance

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. ng m

RT: 5.61 min Scan# 395

Delta R.T. 0.05 min

Lab File: BM016481.D

Acq: 21 Aug 2018 12:08

Instrument :

BNA_M

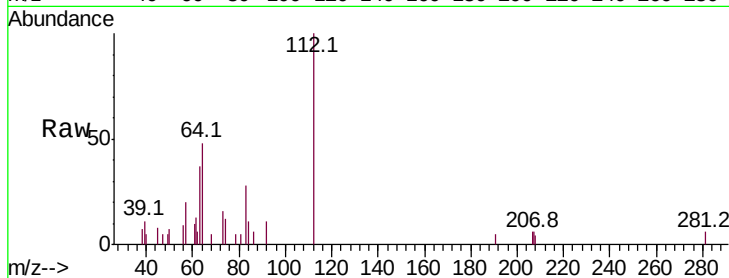
ClientSampleId :

SSTDICC2.5

Tot Ion:	112	Resp:	23797
Ion Ratio	Lower	Upper	
112	100		
64	48.4	38.6	57.8
63	36.7	19.3	28.9#

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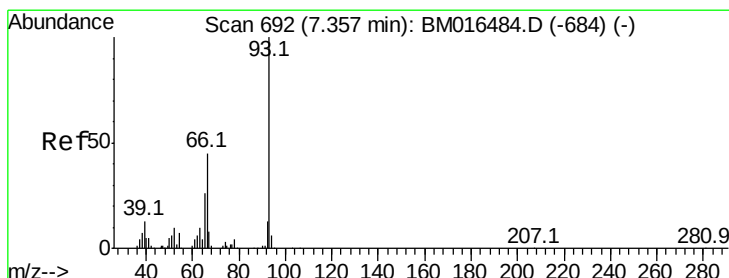
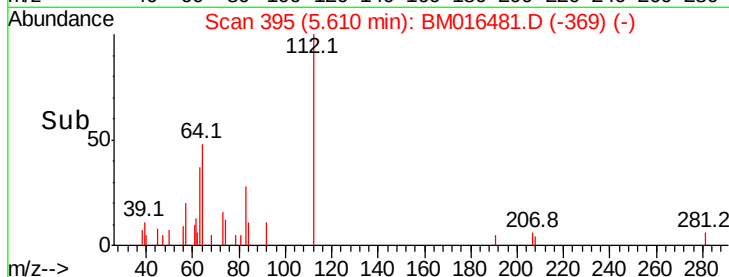
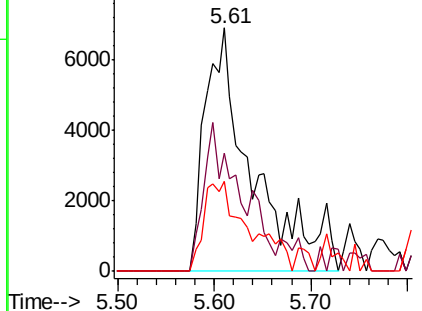
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 1.911 ng m

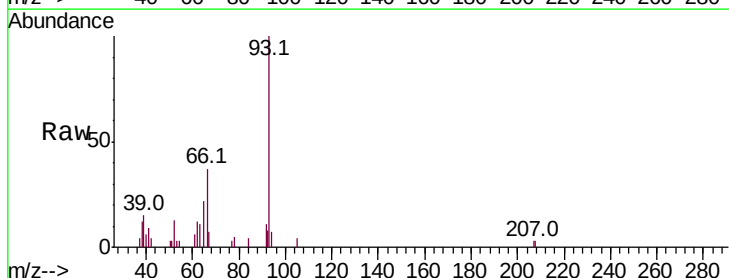
RT: 7.37 min Scan# 695

Delta R.T. 0.02 min

Lab File: BM016481.D

Acq: 21 Aug 2018 12:08

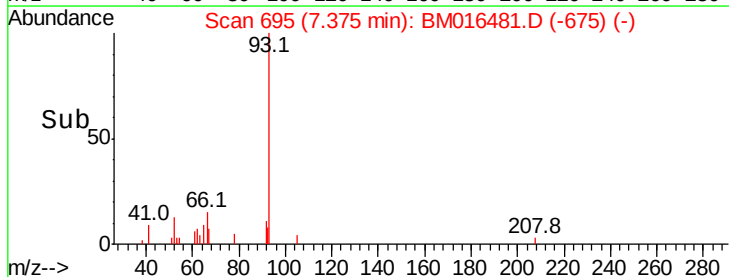
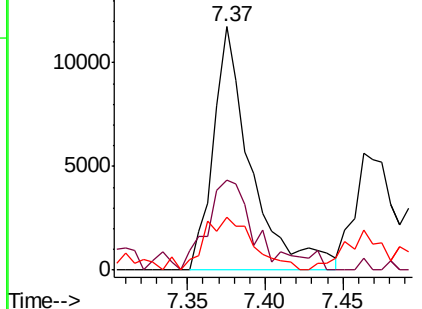
Tgt Ion:	93	Resp:	19625
Ion Ratio	Lower	Upper	
93	100		
66	37.2	30.8	46.2
65	21.8	16.0	24.0

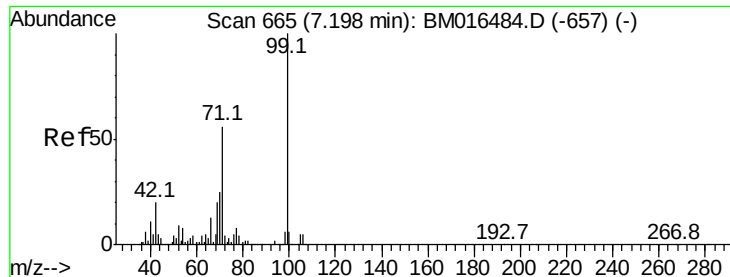


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

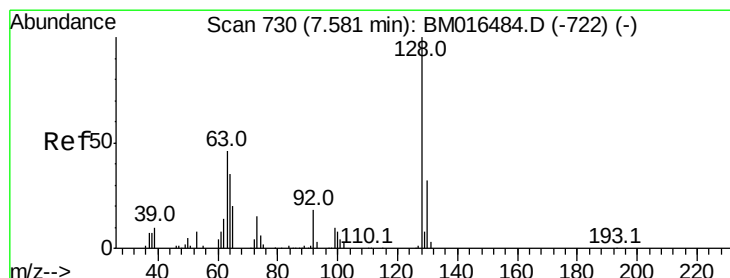
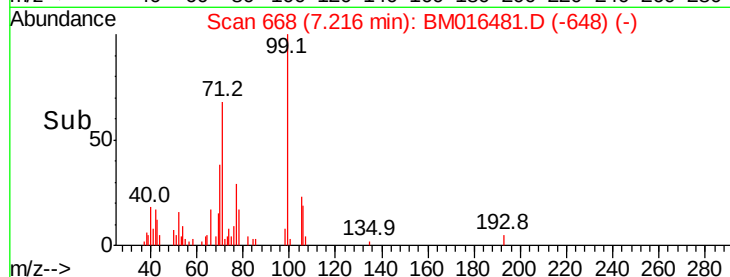
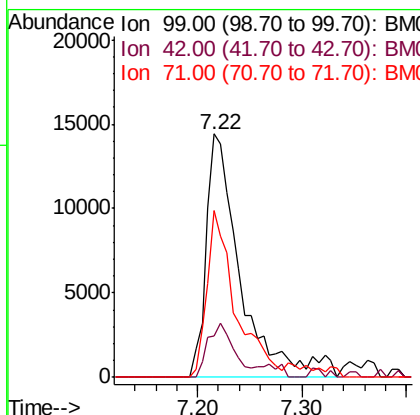
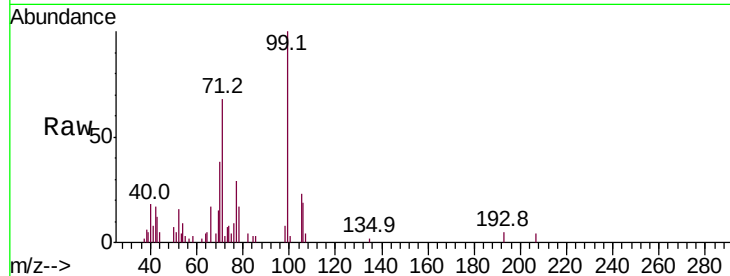
Concen: 1.911 ng m
RT: 7.22 min Scan# 668
Delta R.T. 0.02 min
Lab File: BM016481.D
Acq: 21 Aug 2018 12:08

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
99	100		
42	16.8	11.0	16.4#
71	68.4	23.4	35.2#

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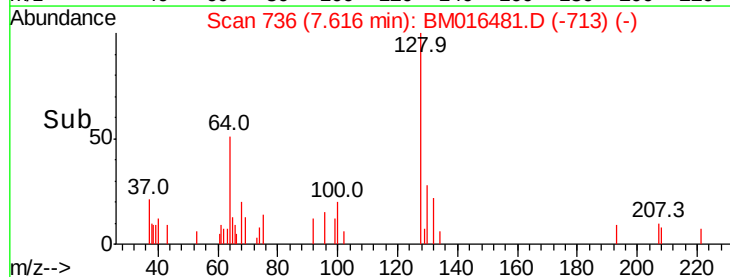
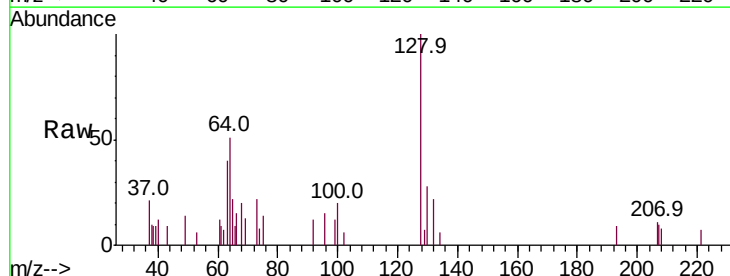
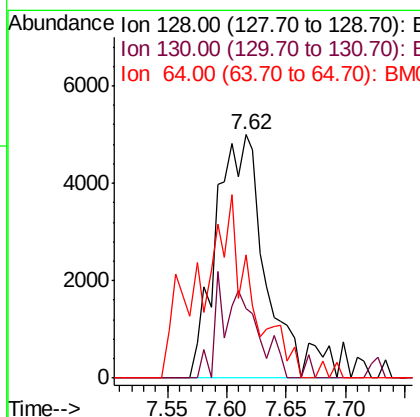


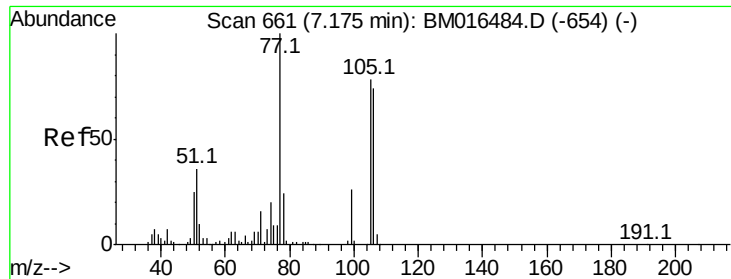
#8

2-Chlorophenol

Concen: 1.626 ng m
RT: 7.62 min Scan# 736
Delta R.T. 0.04 min
Lab File: BM016481.D
Acq: 21 Aug 2018 12:08

Tgt Ion	Ratio	Lower	Upper
128	100		
130	28.3	12.0	52.0
64	50.6	24.9	64.9





#9

Benzaldehyde

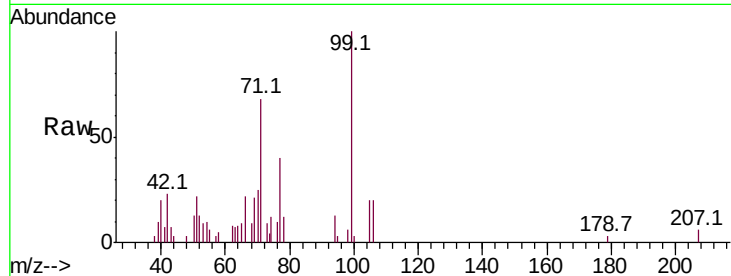
Concen: 2.069 ng m
RT: 7.23 min Scan# 670
Delta R.T. 0.05 min
Lab File: BM016481.D
Acq: 21 Aug 2018 12:08

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

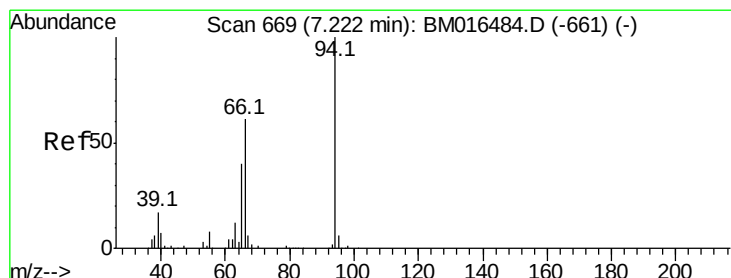
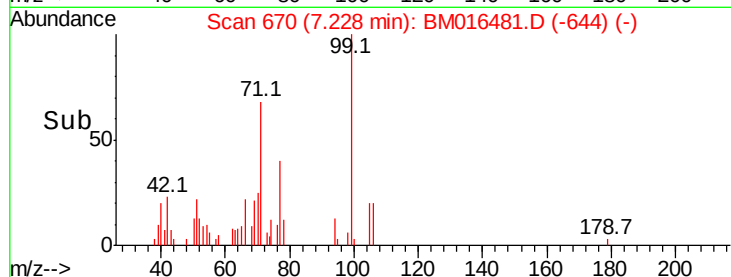
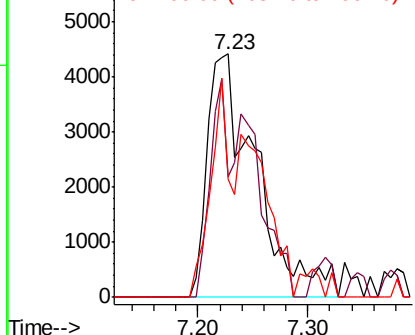
Tot Ion: 77 Resp: 13502
Ion Ratio Lower Upper
77 100
105 49.6 78.8 118.8#
106 48.3 73.7 113.7#

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Abundance Ion 77.00 (76.70 to 77.70): BM016481.D (-654) (-)
Ion 105.00 (104.70 to 105.70): BM016481.D (-654) (-)
Ion 106.00 (105.70 to 106.70): BM016481.D (-654) (-)

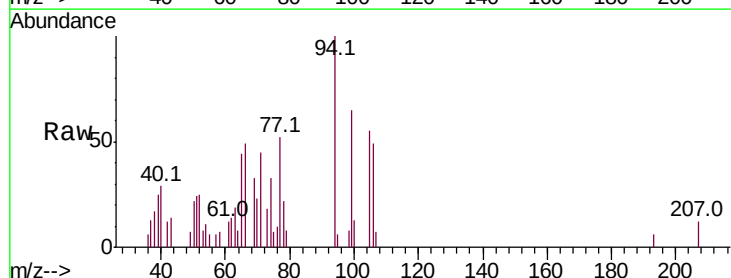


#10

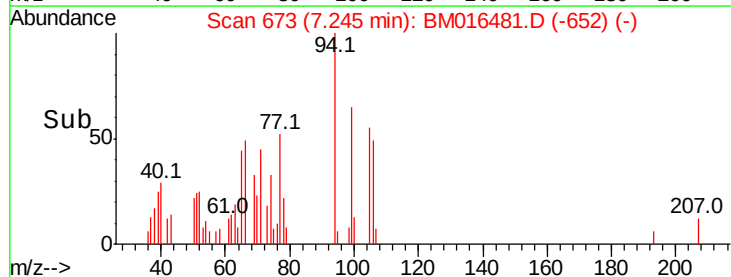
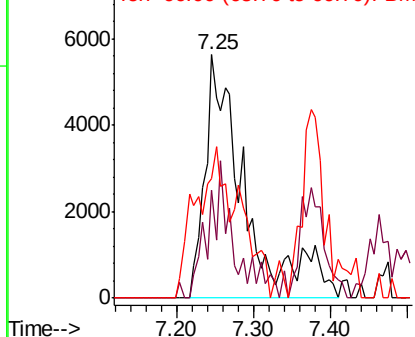
Phenol

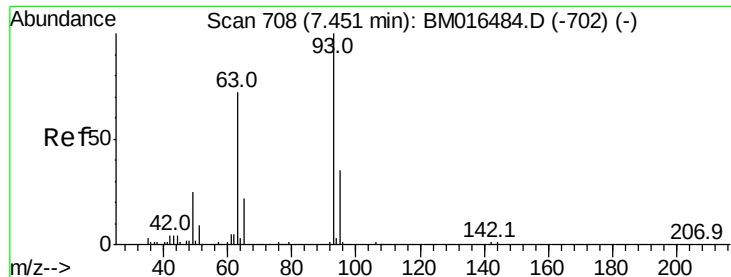
Concen: 2.100 ng m
RT: 7.25 min Scan# 673
Delta R.T. 0.02 min
Lab File: BM016481.D
Acq: 21 Aug 2018 12:08

Tgt Ion: 94 Resp: 20183
Ion Ratio Lower Upper
94 100
65 44.4 18.8 58.8
66 49.2 39.9 79.9



Abundance Ion 94.00 (93.70 to 94.70): BM016481.D (-652) (-)
Ion 65.00 (64.70 to 65.70): BM016481.D (-652) (-)
Ion 66.00 (65.70 to 66.70): BM016481.D (-652) (-)





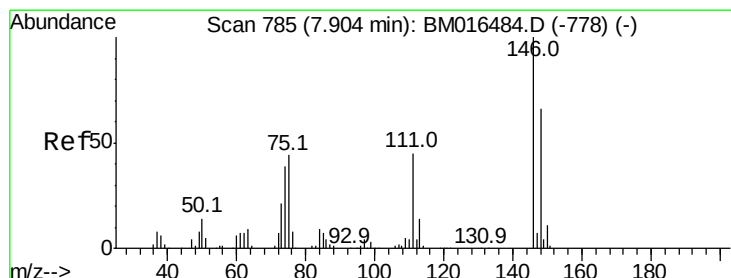
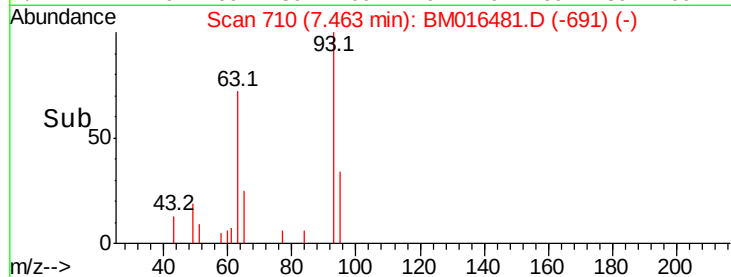
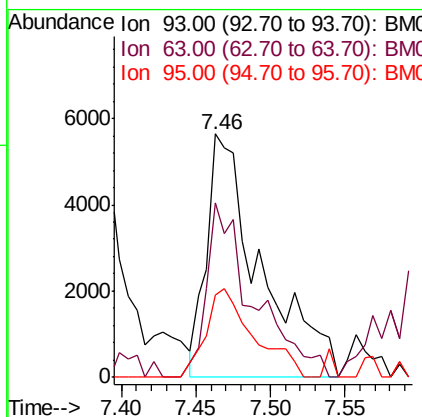
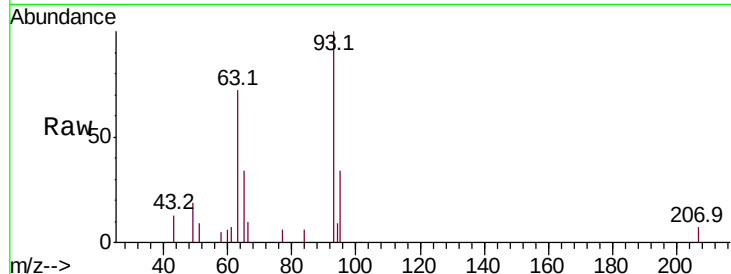
#11
bis(2-Chloroethyl)ether
Concen: 1.947 ng/mL
RT: 7.46 min Scan# 710
Delta R.T. 0.01 min
Lab File: BM016481.D
Acq: 21 Aug 2018 12:08

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tot Ion:	93	Resp:	14209
Ion	Ratio	Lower	Upper
93	100		
63	71.5	49.5	89.5
95	33.7	13.5	53.5

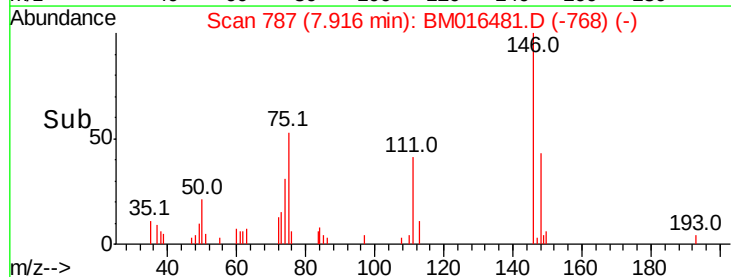
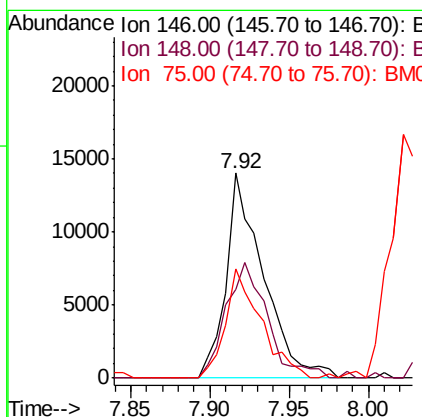
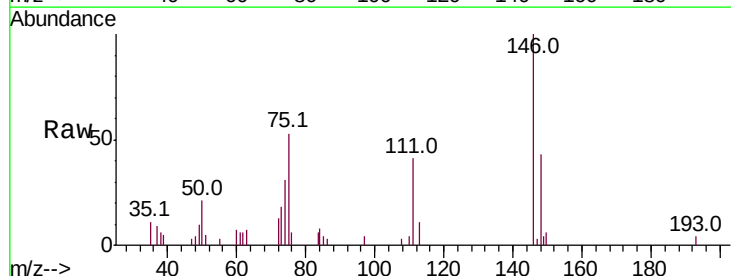
Manual Integrations
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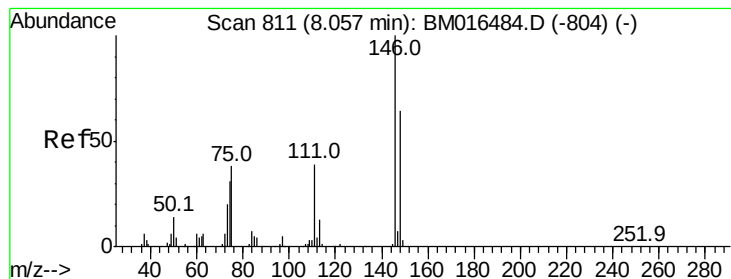
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#12
1,3-Dichlorobenzene
Concen: 2.187 ng/mL
RT: 7.92 min Scan# 787
Delta R.T. 0.01 min
Lab File: BM016481.D
Acq: 21 Aug 2018 12:08

Tgt Ion:	146	Resp:	22811
Ion	Ratio	Lower	Upper
146	100		
148	43.3	50.9	76.3#
75	53.3	21.4	32.2#





#13

1,4-Dichlorobenzene

Concen: 2.295 ng m

RT: 8.07 min Scan# 813

Delta R.T. 0.01 min

Lab File: BM016481.D

Acq: 21 Aug 2018 12:08

Instrument :

BNA_M

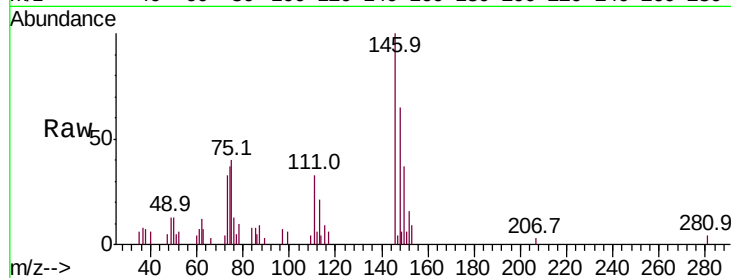
ClientSampled :

SSTDICC2.5

Tot Ion:	146	Resp:	24199
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.9	77.9
111	33.1	29.2	43.8

Manual Integrations
APPROVED

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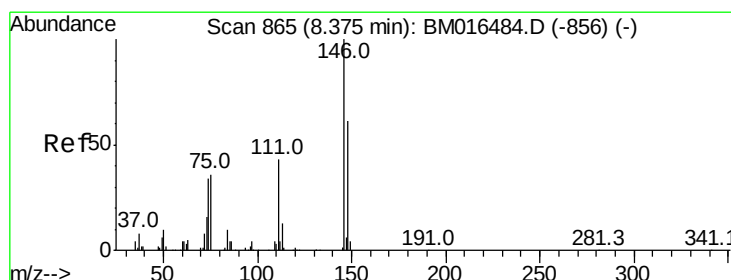
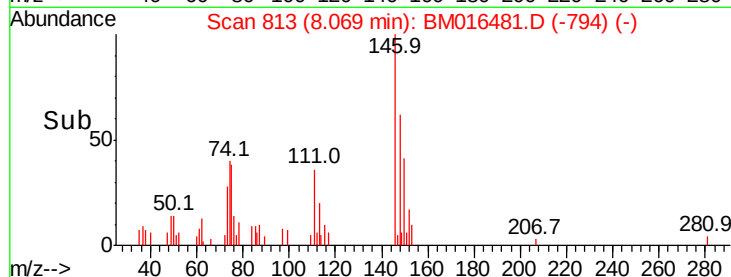
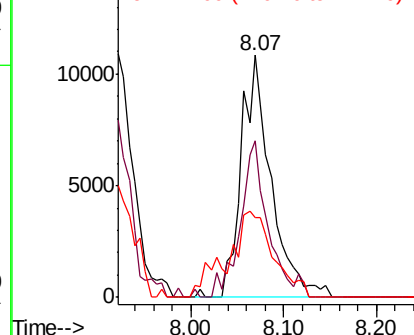


Abundance

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



#14

1,2-Dichlorobenzene

Concen: 2.256 ng

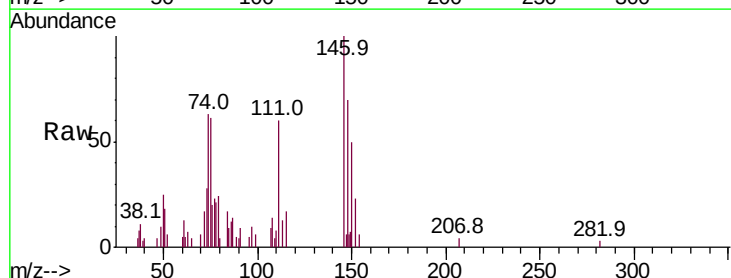
RT: 8.38 min Scan# 866

Delta R.T. 0.01 min

Lab File: BM016481.D

Acq: 21 Aug 2018 12:08

Tgt Ion:	146	Resp:	23372
Ion Ratio	Lower	Upper	
146	100		
148	70.3	52.3	78.5
111	60.1	30.6	45.8#

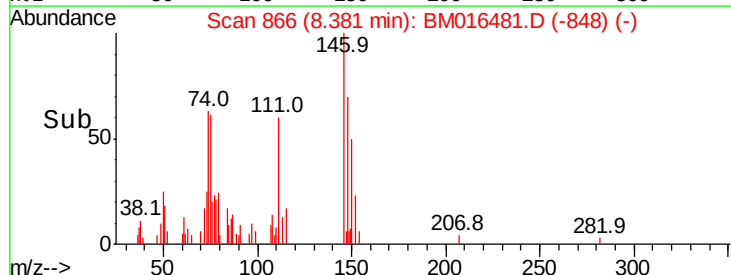
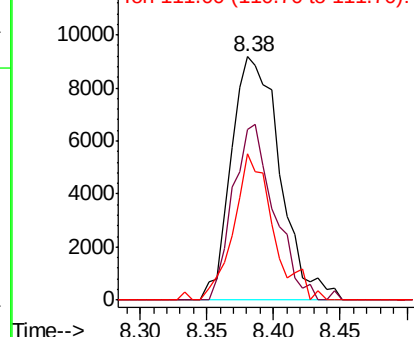


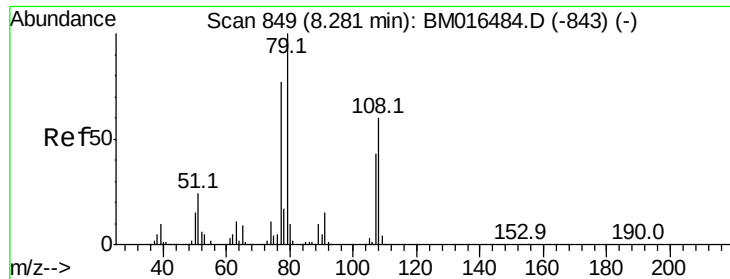
Abundance

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





#15

Benzyl Alcohol

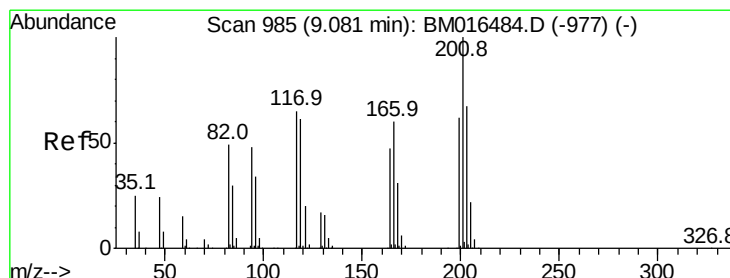
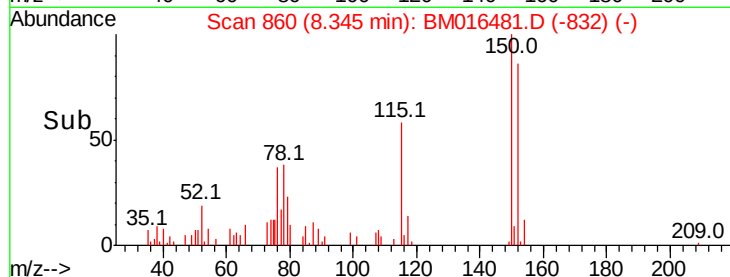
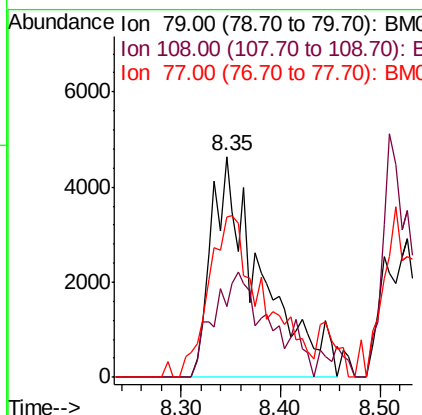
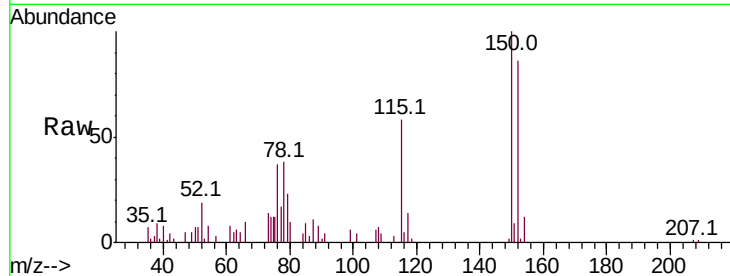
Concen: 1.809 ng/ml
 RT: 8.35 min Scan# 860
 Delta R.T. 0.06 min
 Lab File: BM016481.D
 Acq: 21 Aug 2018 12:08

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
79	100		
108	32.0	65.0	97.4#
77	72.5	53.0	79.6

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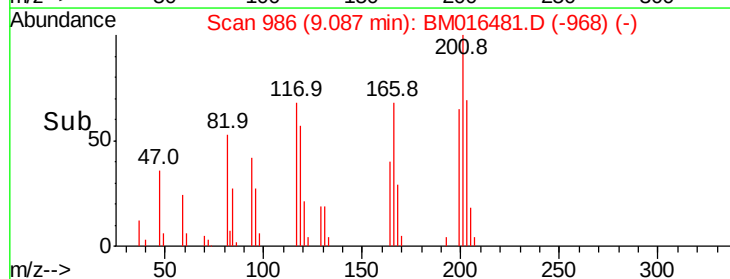
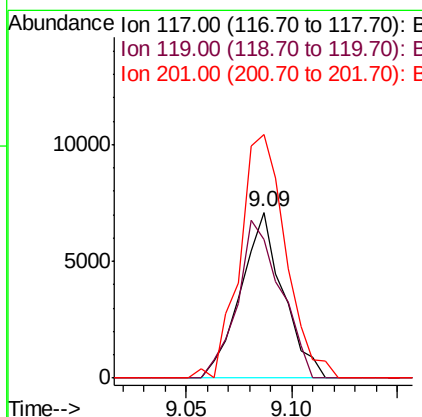
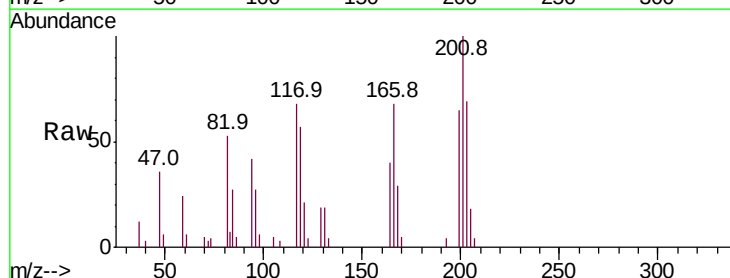


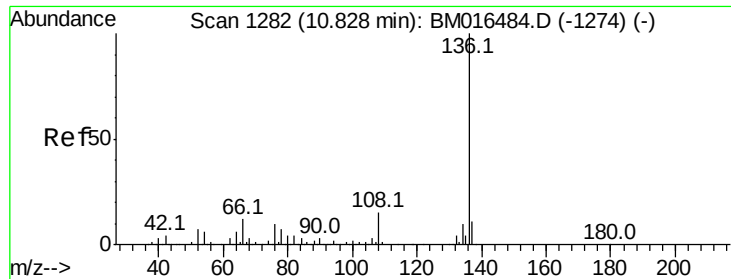
#18

Hexachloroethane

Concen: 1.818 ng/ml
 RT: 9.09 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: BM016481.D
 Acq: 21 Aug 2018 12:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	84.0	79.2	118.8
201	146.8	69.8	104.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BM016481.D

Acq: 21 Aug 2018 12:08

Instrument :

BNA_M

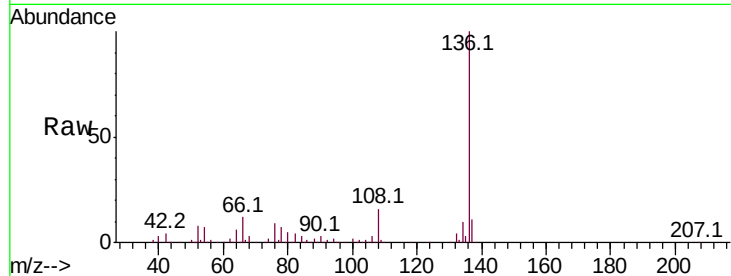
ClientSampleId :

SSTDICC2.5

Tot Ion	Ratio	Resp	Lower	Upper
136	100	459653		
137	10.8	8.7	13.1	
54	7.3	4.6	6.8#	
68	2.7	3.7	5.5#	

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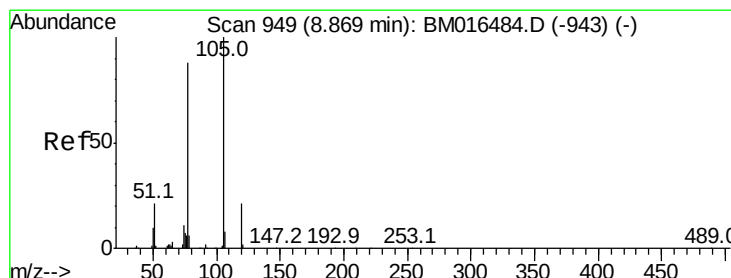
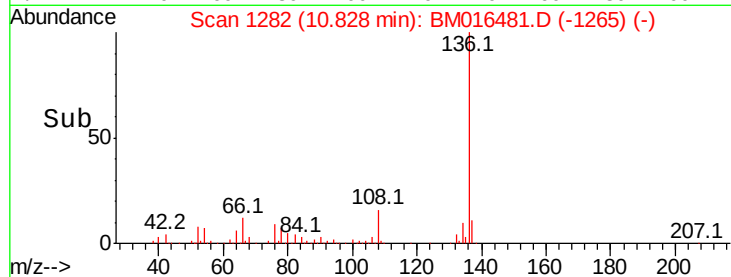
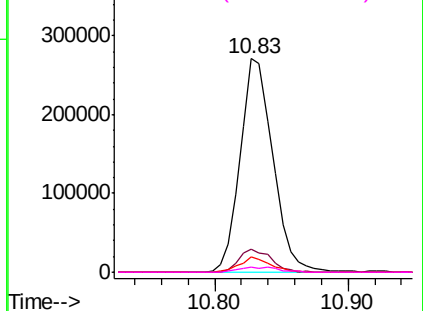
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 2.103 ng m

RT: 8.90 min Scan# 954

Delta R.T. 0.03 min

Lab File: BM016481.D

Acq: 21 Aug 2018 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	25926		
71	0.0	0.6	1.0#	
51	25.9	21.6	32.4	
120	20.6	16.1	24.1	

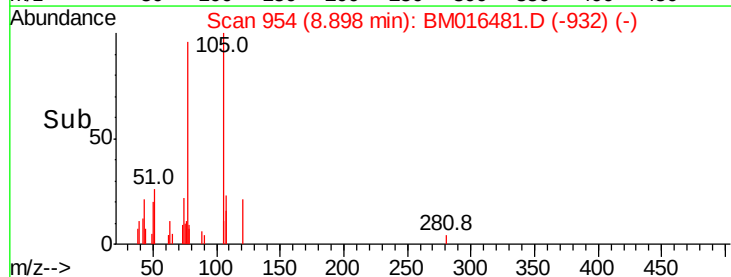
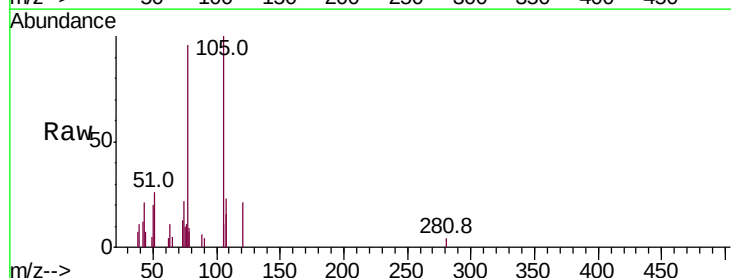
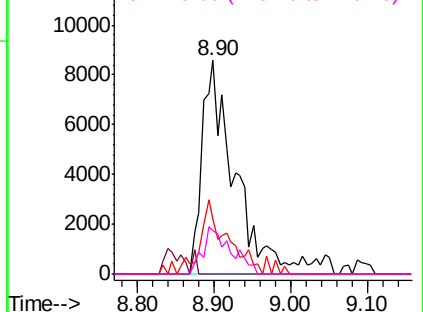
Abundance

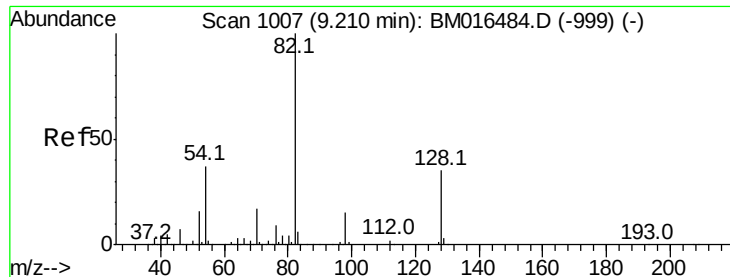
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





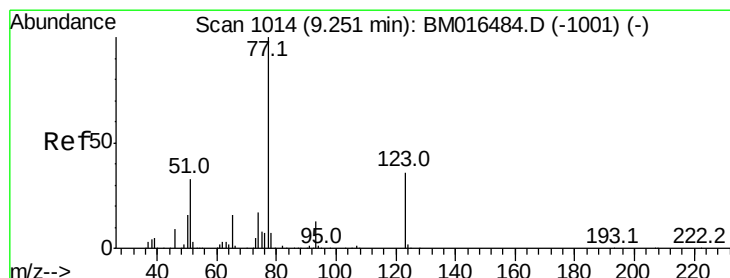
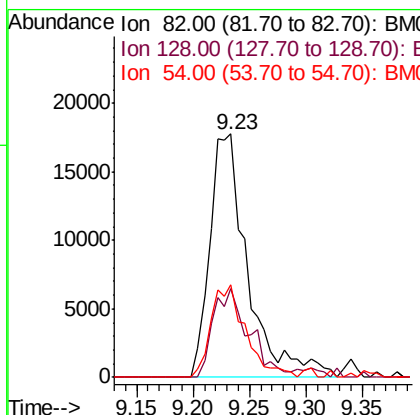
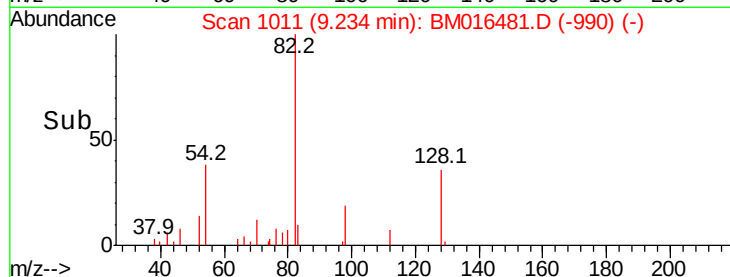
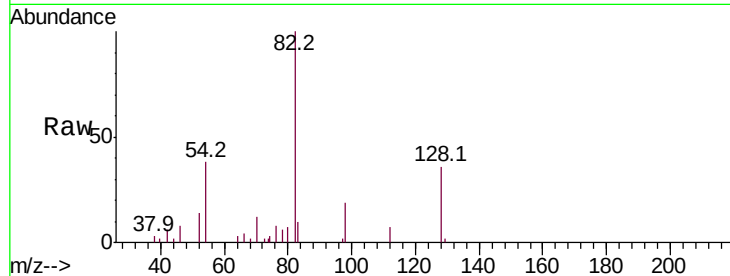
#23
 Nitrobenzene-d5
 Concen: 2.103 ng m
 RT: 9.23 min Scan# 1011
 Delta R.T. 0.02 min
 Lab File: BM016481.D
 Acq: 21 Aug 2018 12:08

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.3	32.8	49.2
54	38.0	40.6	60.8#

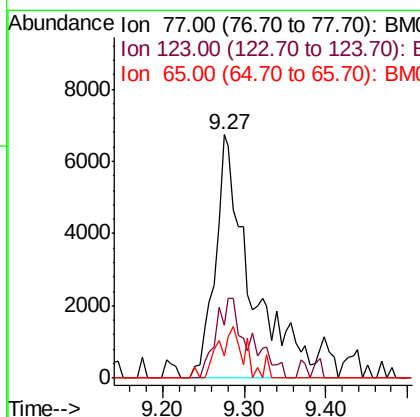
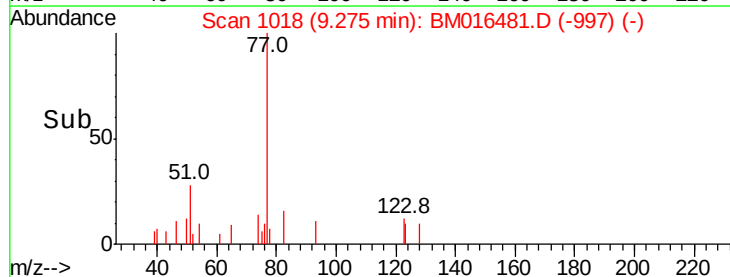
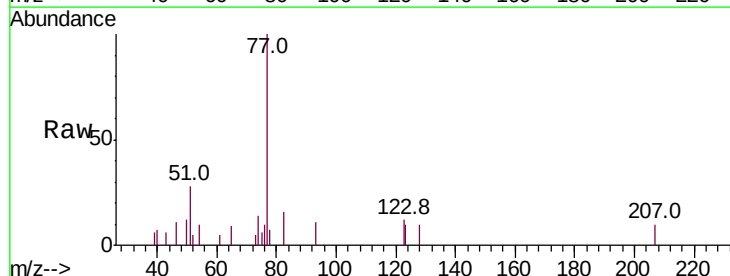
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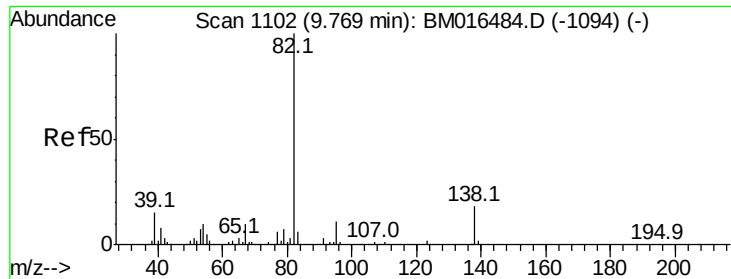
Sohil
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#24
 Nitrobenzene
 Concen: 2.022 ng m
 RT: 9.27 min Scan# 1018
 Delta R.T. 0.02 min
 Lab File: BM016481.D
 Acq: 21 Aug 2018 12:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	11.6	32.6	49.0#
65	9.0	10.9	16.3#





#25

Isophorone

Concen: 1.802 ng m

RT: 9.78 min Scan# 1104

Delta R.T. 0.01 min

Lab File: BM016481.D

Acq: 21 Aug 2018 12:08

Instrument :

BNA_M

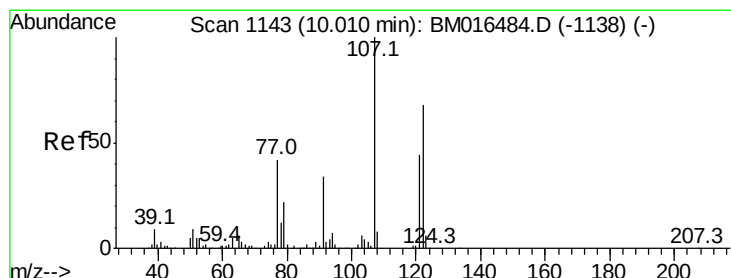
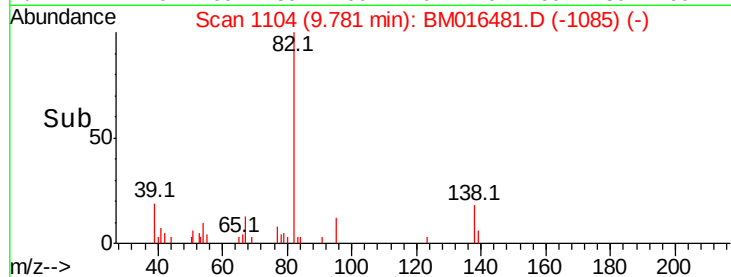
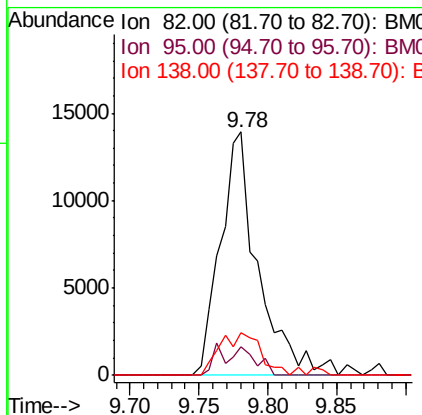
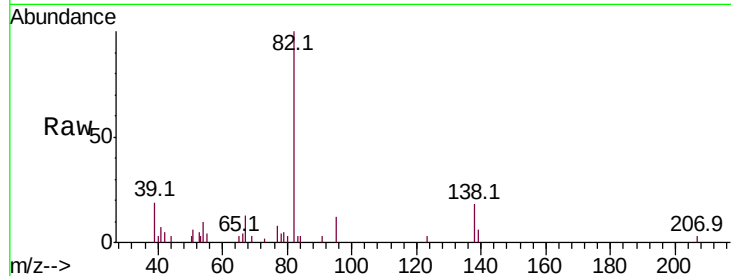
ClientSampleId :

SSTDICC2.5

Tot Ion:	82	Resp:	26521
Ion Ratio	Lower	Upper	
82	100		
95	11.5	5.8	8.6#
138	17.7	16.3	24.5

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#27

2,4-Dimethylphenol

Concen: 1.860 ng m

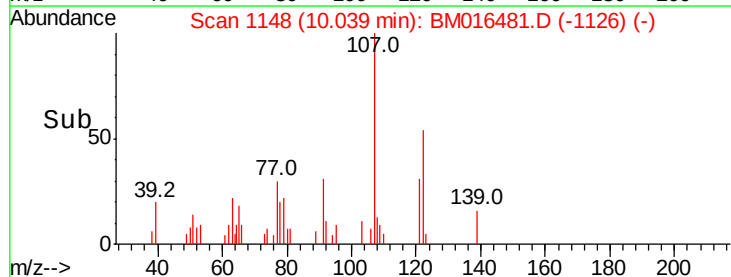
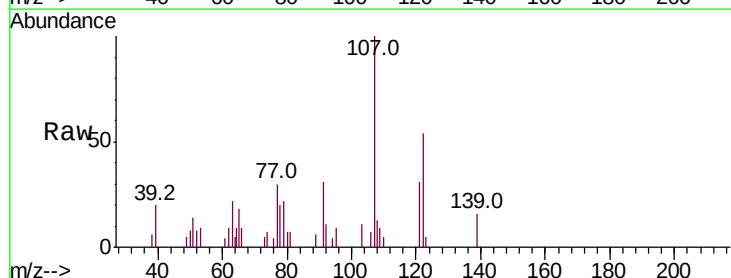
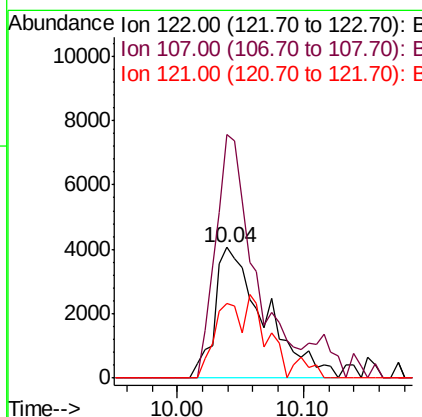
RT: 10.04 min Scan# 1148

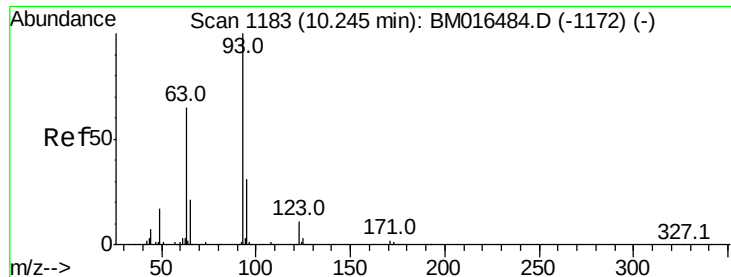
Delta R.T. 0.03 min

Lab File: BM016481.D

Acq: 21 Aug 2018 12:08

Tgt Ion:	122	Resp:	11129
Ion Ratio	Lower	Upper	
122	100		
107	186.8	84.7	127.1#
121	57.5	46.6	69.8





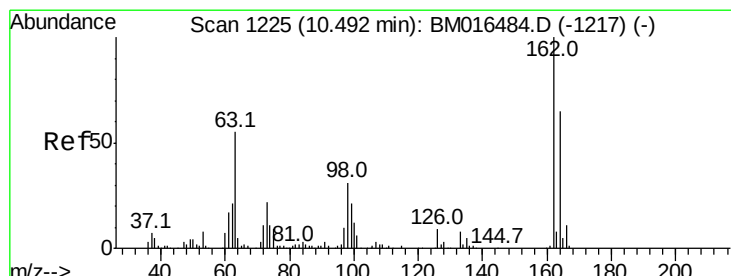
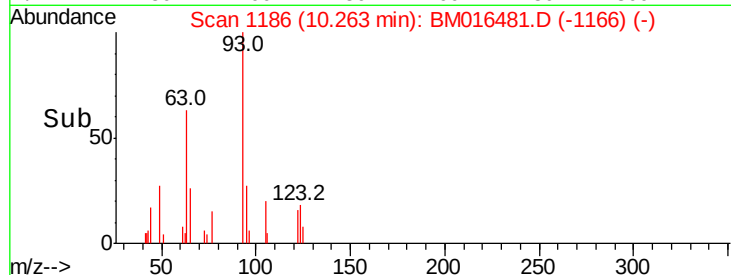
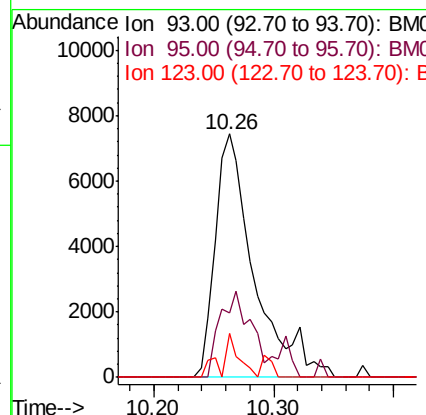
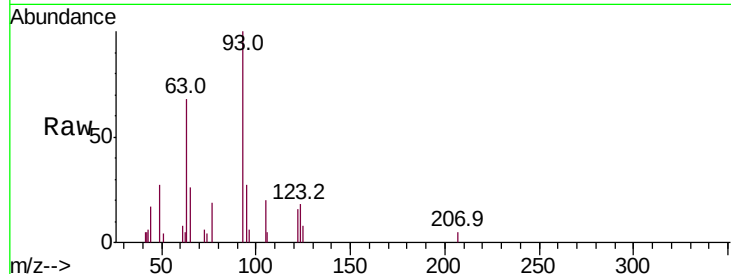
#28
 bis(2-Chloroethoxy)methane
 Concen: 1.981 ng m
 RT: 10.26 min Scan# 1186
 Delta R.T. 0.02 min
 Lab File: BM016481.D
 Acq: 21 Aug 2018 12:08

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
93	100		
95	26.6	25.5	38.3
123	18.2	8.6	13.0

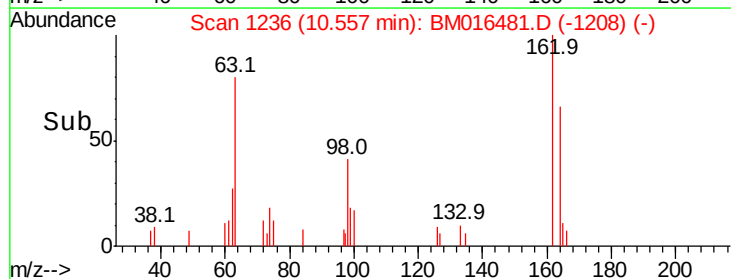
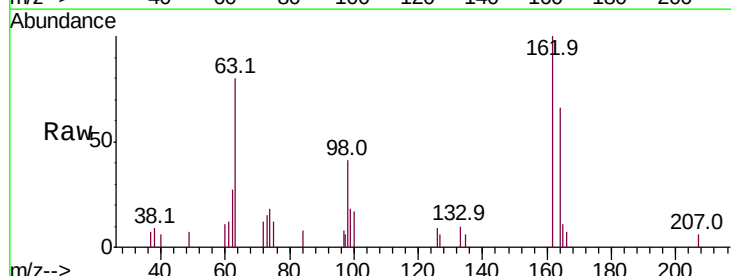
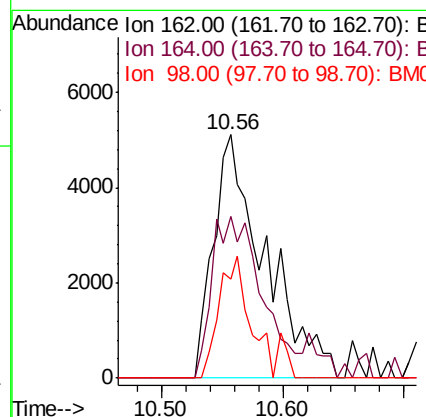
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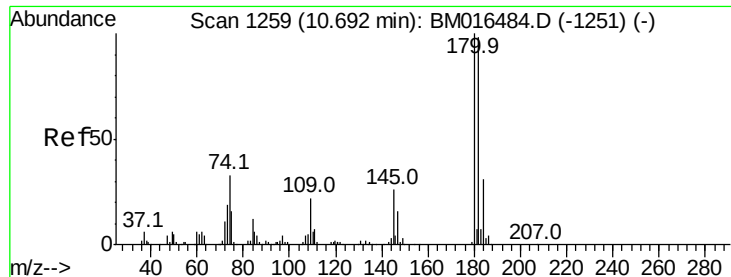
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#29
 2,4-Dichlorophenol
 Concen: 1.869 ng m
 RT: 10.56 min Scan# 1236
 Delta R.T. 0.06 min
 Lab File: BM016481.D
 Acq: 21 Aug 2018 12:08

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.2	42.8	82.8
98	40.7	14.5	54.5





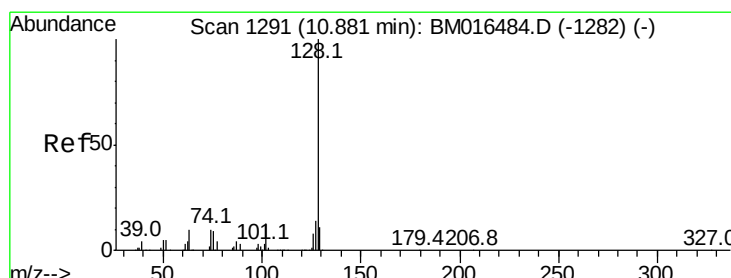
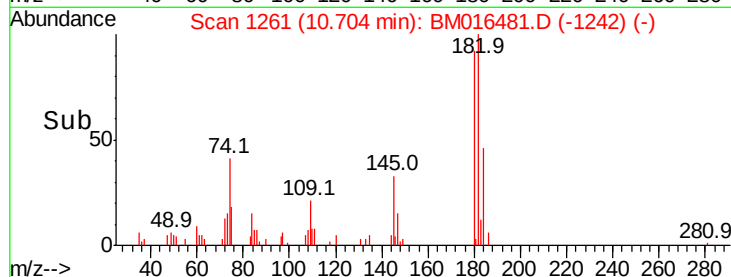
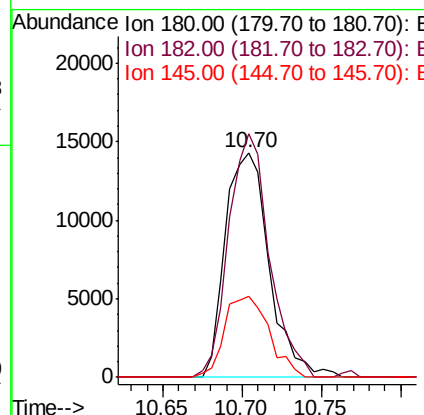
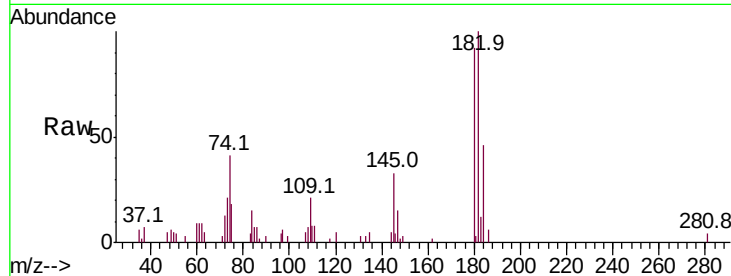
#30
 1,2,4-Trichlorobenzene
 Concen: 2.872 ng
 RT: 10.70 min Scan# 1261
 Delta R.T. 0.01 min
 Lab File: BM016481.D
 Acq: 21 Aug 2018 12:08

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
180	100		
182	108.5	77.6	116.4
145	36.2	23.4	35.2

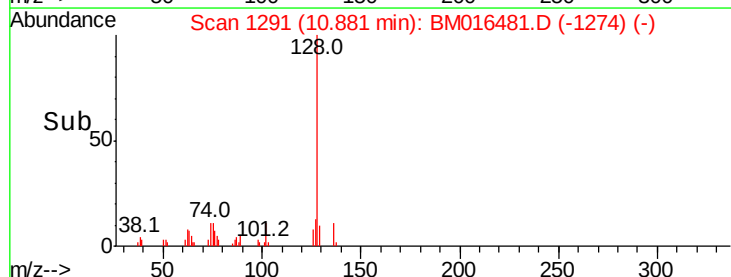
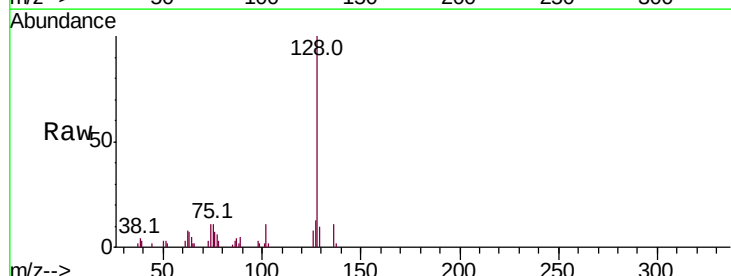
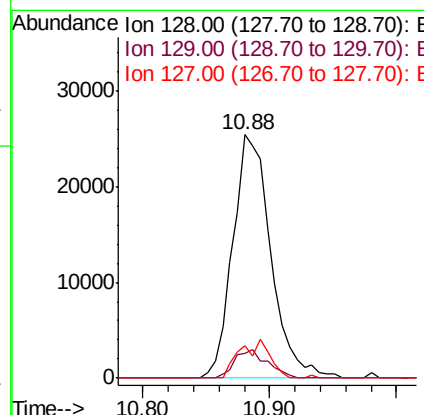
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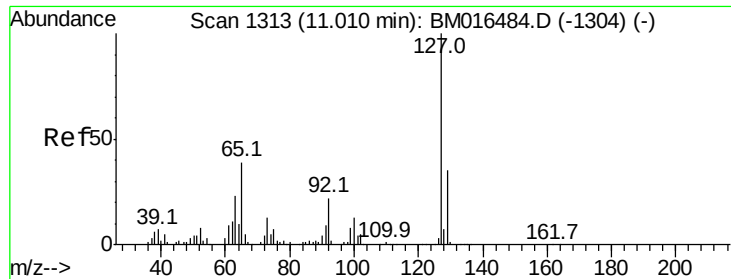
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#31
 Naphthalene
 Concen: 2.266 ng
 RT: 10.88 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: BM016481.D
 Acq: 21 Aug 2018 12:08

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.0	8.9	13.3
127	13.4	10.4	15.6





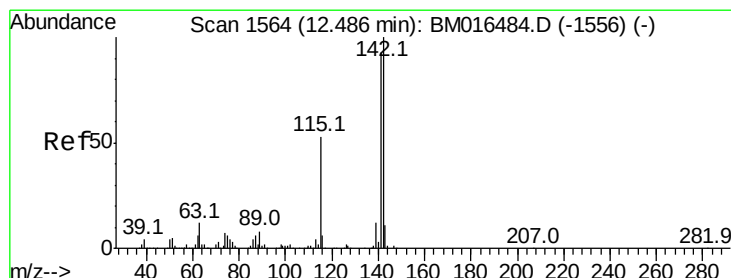
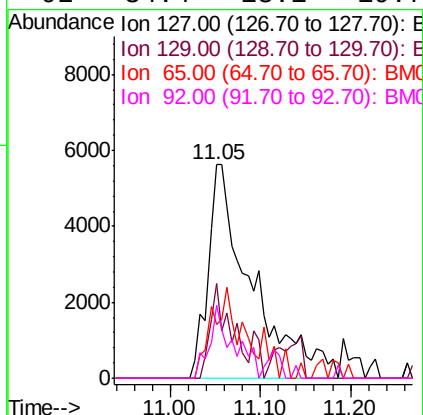
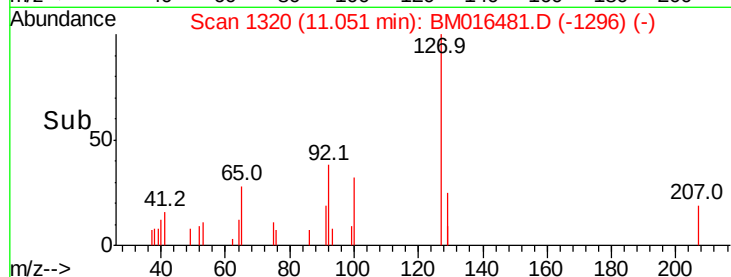
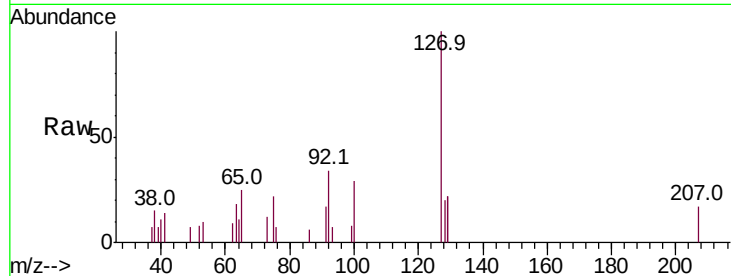
#33
4-Chloroaniline
Concen: 1.881 ng/ml
RT: 11.05 min Scan# 1320
Delta R.T. 0.04 min
Lab File: BM016481.D
Acq: 21 Aug 2018 12:08

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
127	100		
129	22.3	25.3	37.9#
65	25.0	17.6	26.4
92	34.4	13.1	19.7#

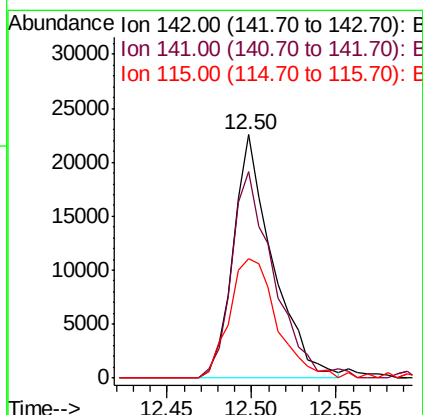
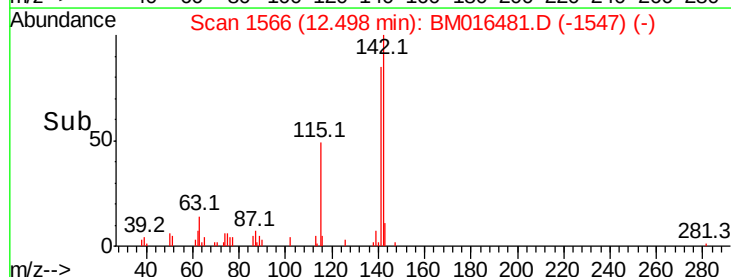
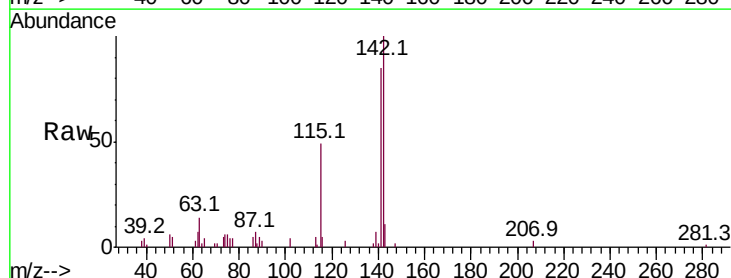
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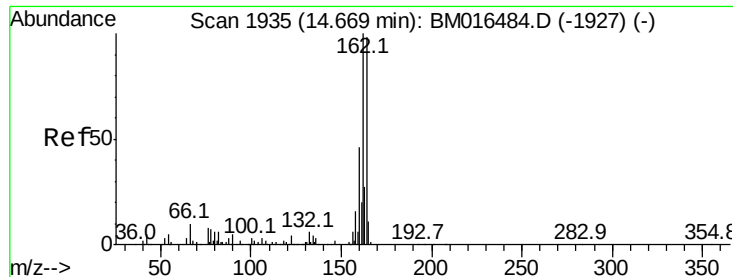
Sohil
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#37
2-Methylnaphthalene
Concen: 2.115 ng
RT: 12.50 min Scan# 1566
Delta R.T. 0.01 min
Lab File: BM016481.D
Acq: 21 Aug 2018 12:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.7	71.9	107.9
115	49.2	25.4	38.0#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BM016481.D

Acq: 21 Aug 2018 12:08

Instrument :

BNA_M

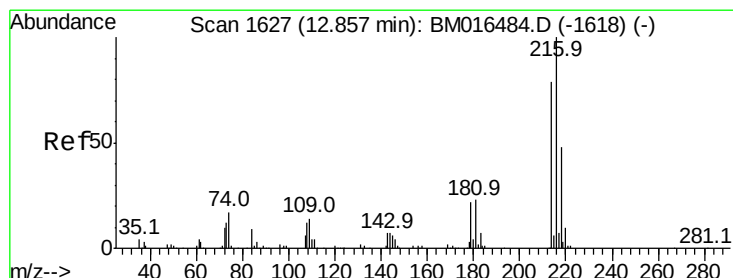
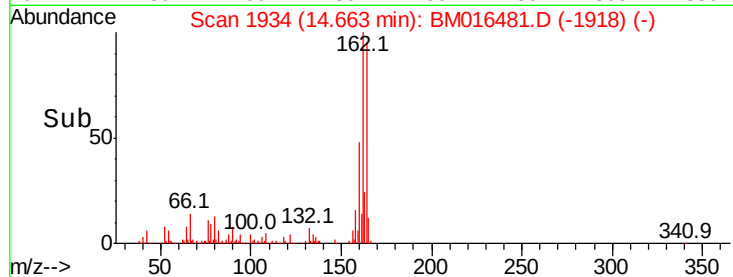
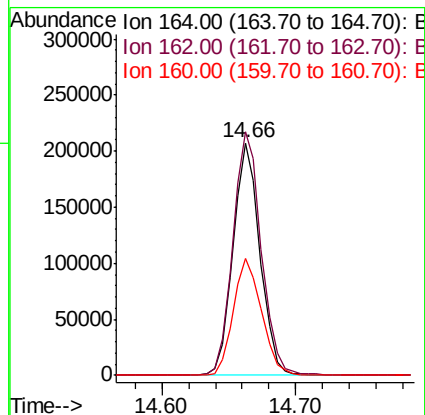
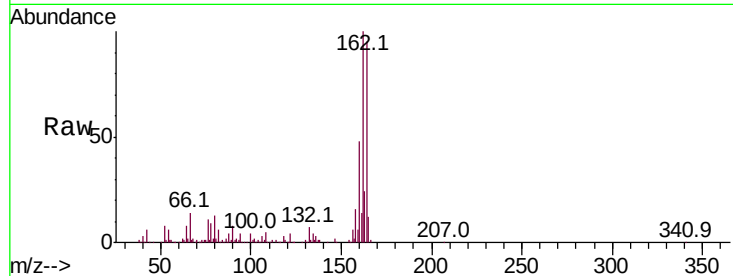
ClientSampleId :

SSTDICC2.5

Tot Ion:	164	Resp:	291993
Ion Ratio	Lower	Upper	
164	100		
162	104.9	82.4	123.6
160	50.3	35.8	53.6

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 3.064 ng

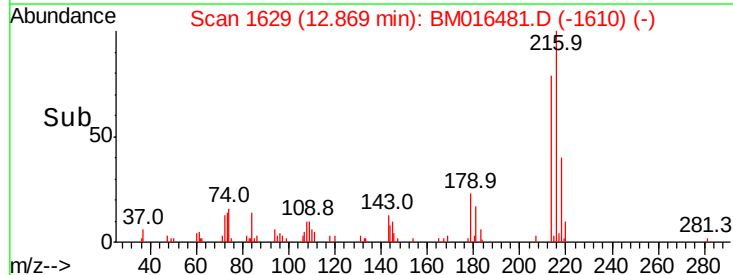
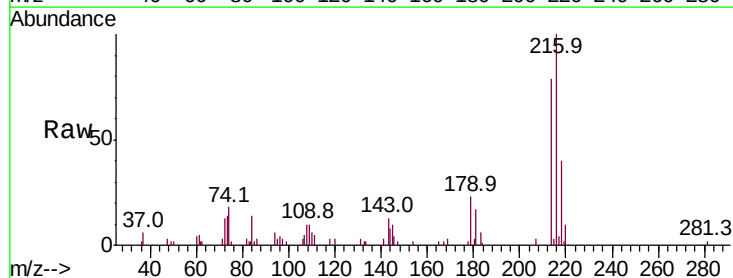
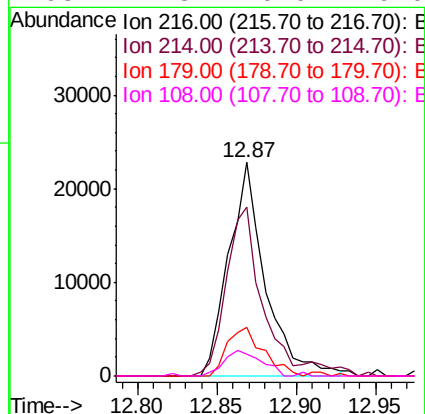
RT: 12.87 min Scan# 1629

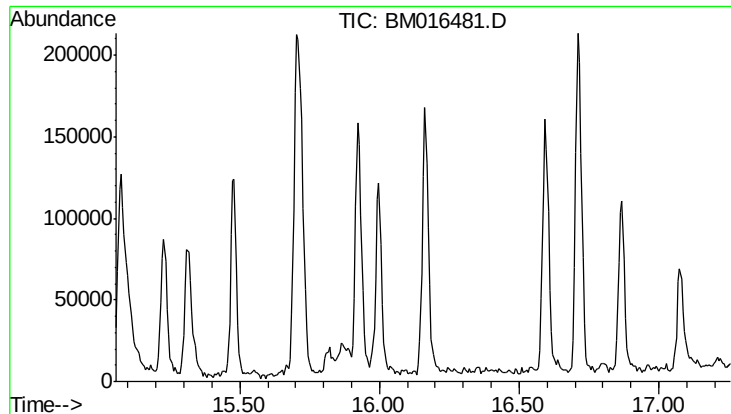
Delta R.T. 0.01 min

Lab File: BM016481.D

Acq: 21 Aug 2018 12:08

Tgt Ion:	216	Resp:	36622
Ion Ratio	Lower	Upper	
216	100		
214	75.4	0.0	0.0#
179	22.3	0.0	0.0#
108	12.3	0.0	0.0#





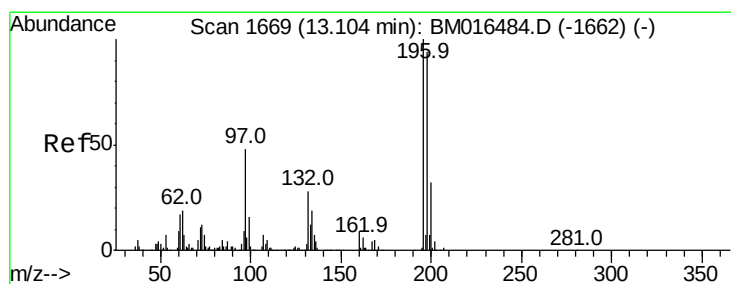
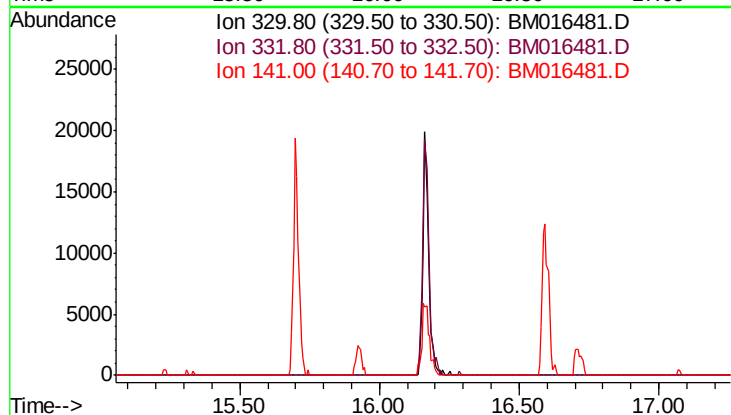
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 Expected RT: 16.16 min
 Lab File: BM016481.D
 Acq: 21 Aug 2018 12:08

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

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

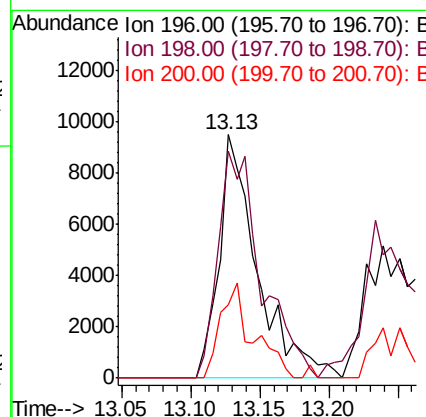
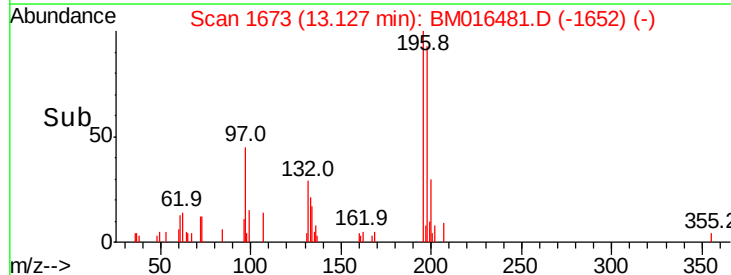
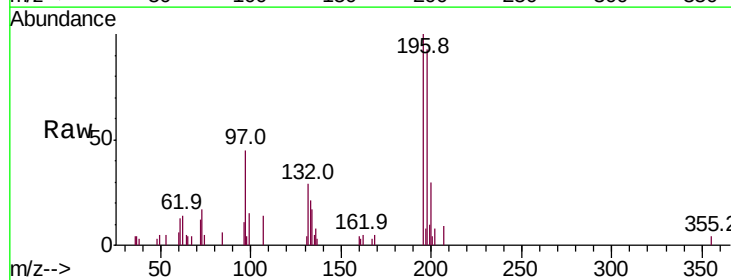
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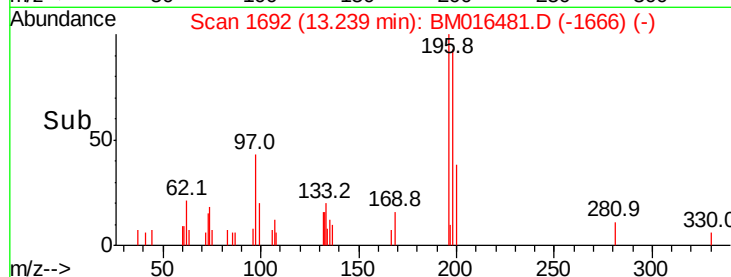
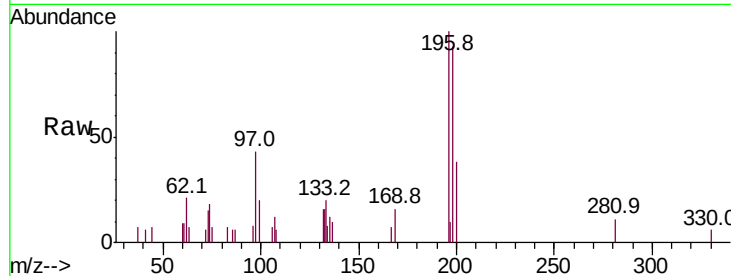
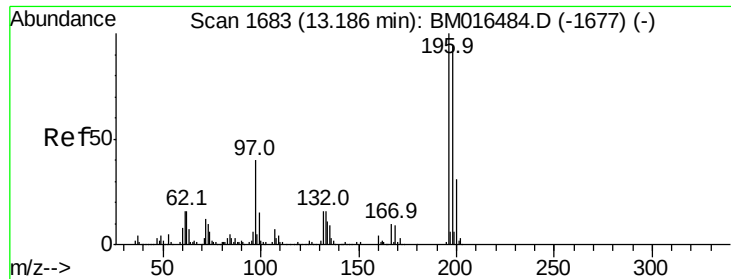
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#42
 2,4,6-Trichlorophenol
 Concen: 2.446 ng m
 RT: 13.13 min Scan# 1673
 Delta R.T. 0.02 min
 Lab File: BM016481.D
 Acq: 21 Aug 2018 12:08

Tgt Ion:196 Resp: 18276
 Ion Ratio Lower Upper
 196 100
 198 93.2 76.3 114.5
 200 30.0 25.6 38.4





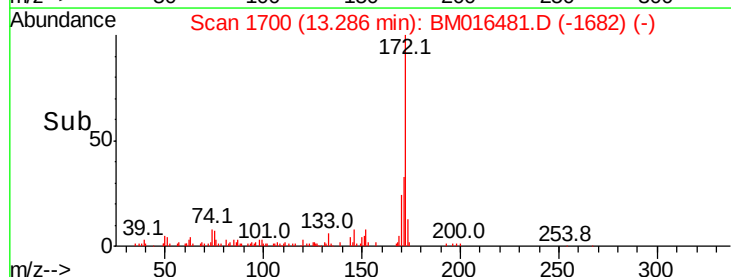
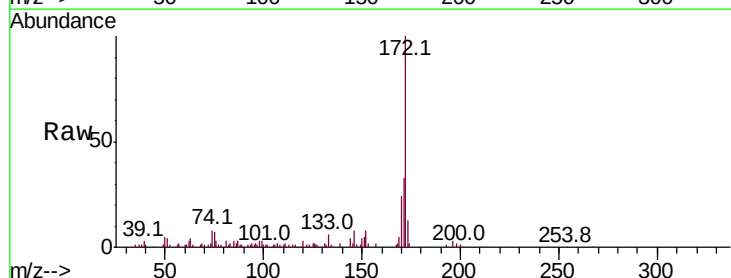
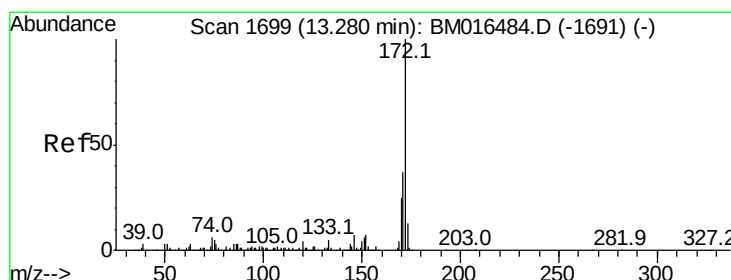
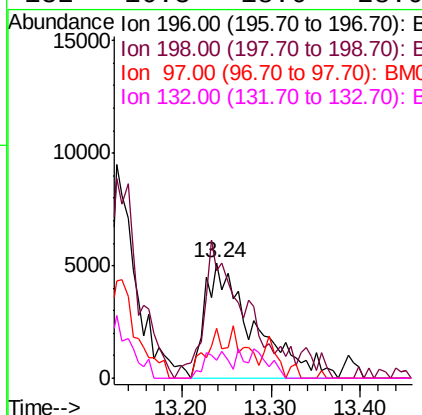
#43
2,4,5-Trichlorophenol
Concen: 2.659 ng m
RT: 13.24 min Scan# 1692
Delta R.T. 0.05 min
Lab File: BM016481.D
Acq: 21 Aug 2018 12:08

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.3	79.4	119.0	
97	42.8	26.8	40.2	
132	16.3	18.6	28.0	

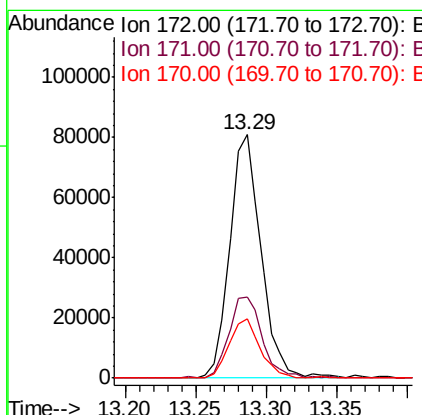
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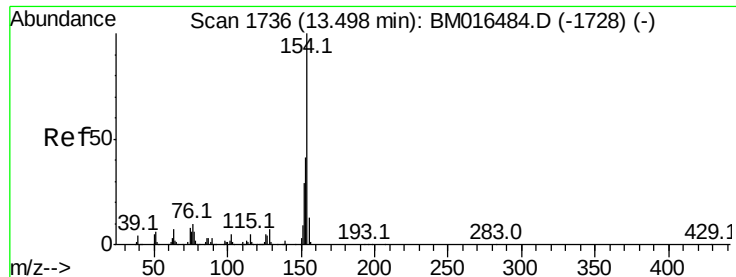
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#44
2-Fluorobiphenyl
Concen: 2.659 ng
RT: 13.29 min Scan# 1700
Delta R.T. 0.01 min
Lab File: BM016481.D
Acq: 21 Aug 2018 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	33.5	28.5	42.7	
170	24.1	18.8	28.2	





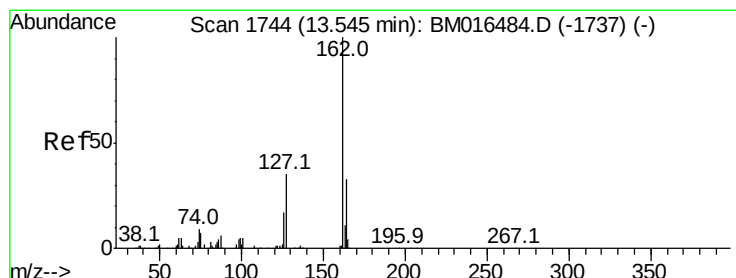
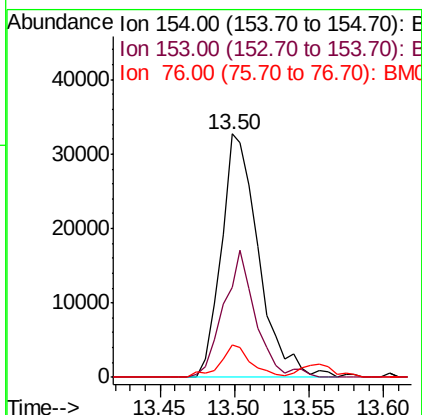
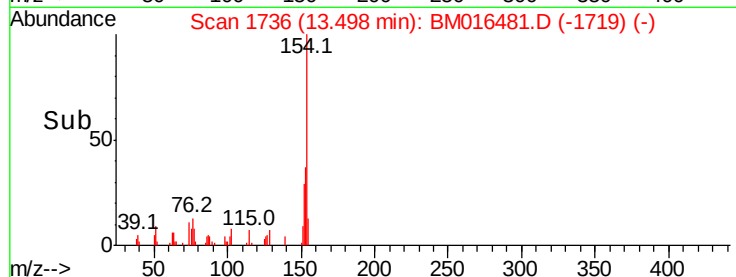
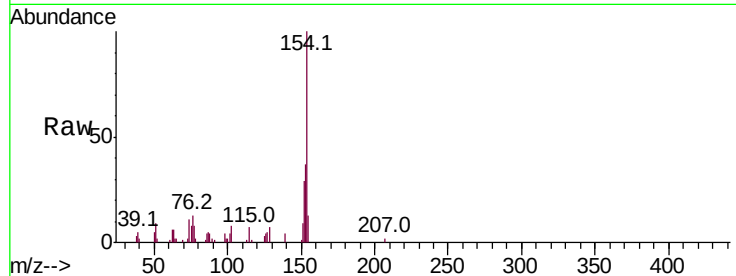
#45
 1,1'-Biphenyl
 Concen: 2.116 ng
 RT: 13.50 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BM016481.D
 Acq: 21 Aug 2018 12:08

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
154	100		
153	36.9	20.7	60.7
76	13.2	0.0	30.9

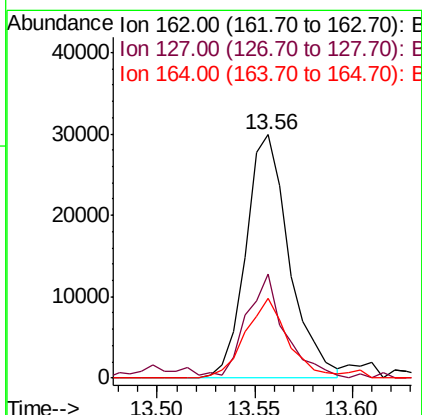
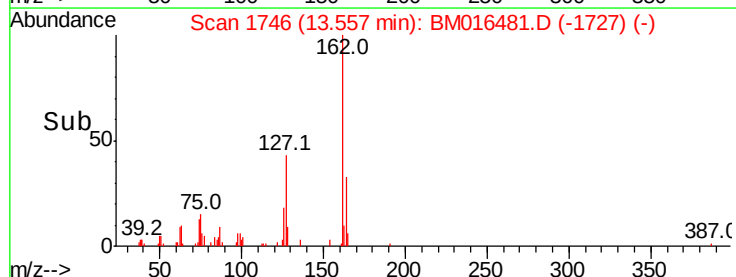
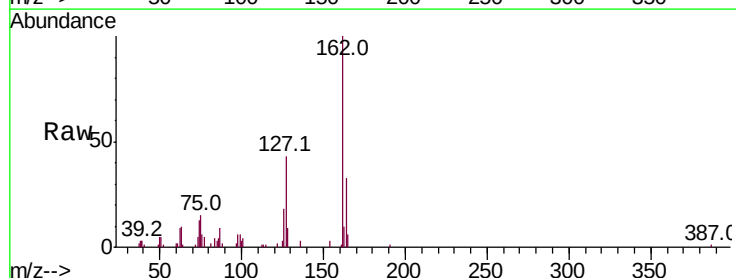
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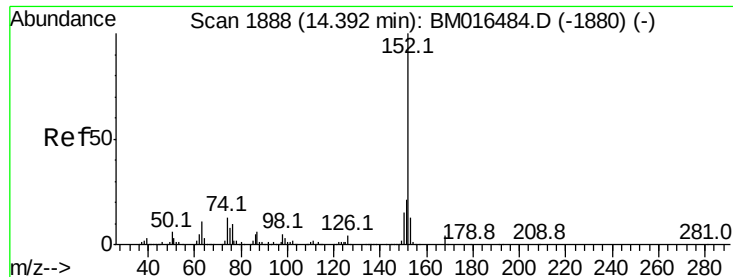
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#46
 2-Chloronaphthalene
 Concen: 2.190 ng
 RT: 13.56 min Scan# 1746
 Delta R.T. 0.01 min
 Lab File: BM016481.D
 Acq: 21 Aug 2018 12:08

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.5	26.9	40.3#
164	32.9	26.8	40.2





#48

Acenaphthylene

Concen: 1.968 ng

RT: 14.40 min Scan# 1889

Delta R.T. 0.01 min

Lab File: BM016481.D

Acq: 21 Aug 2018 12:08

Instrument :

BNA_M

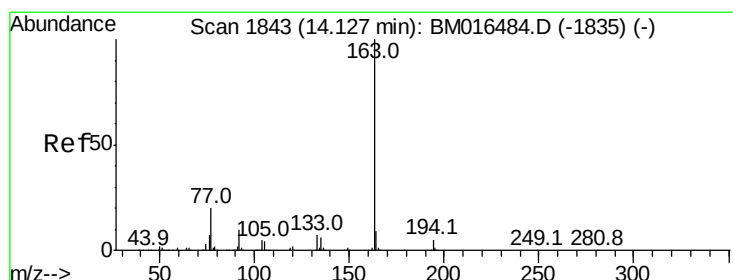
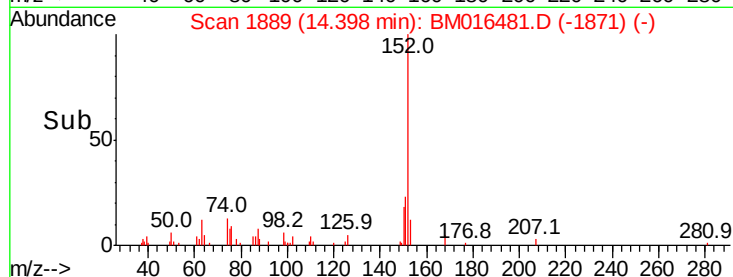
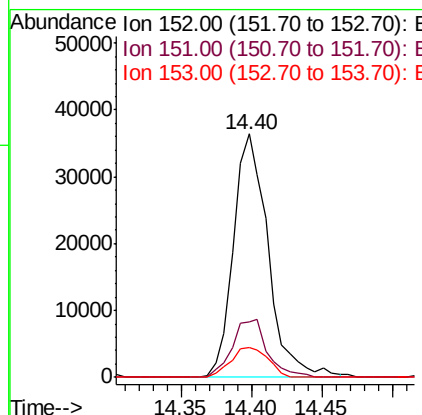
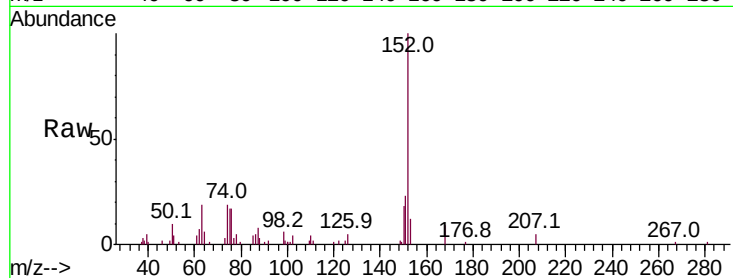
ClientSampleId :

SSTDICC2.5

Tot Ion:	152	Resp:	62379
Ion Ratio	Lower	Upper	
152	100		
151	22.6	15.9	23.9
153	12.2	10.6	16.0

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#49

Dimethylphthalate

Concen: 2.163 ng

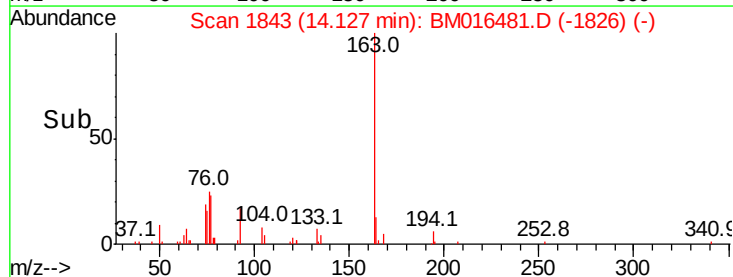
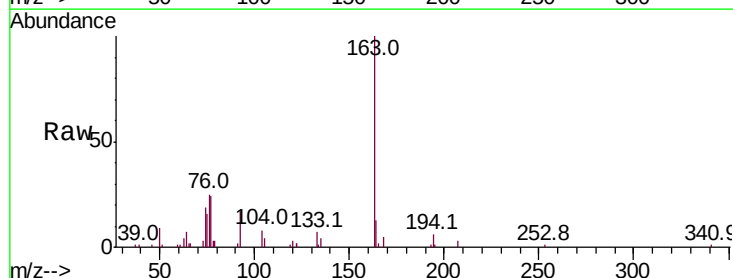
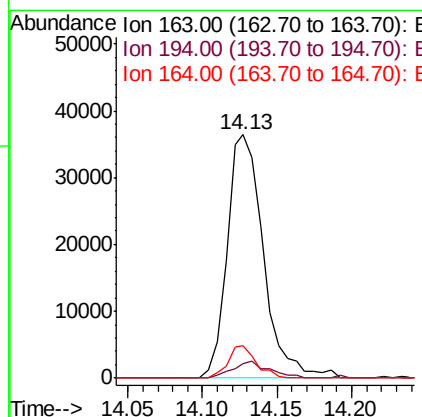
RT: 14.13 min Scan# 1843

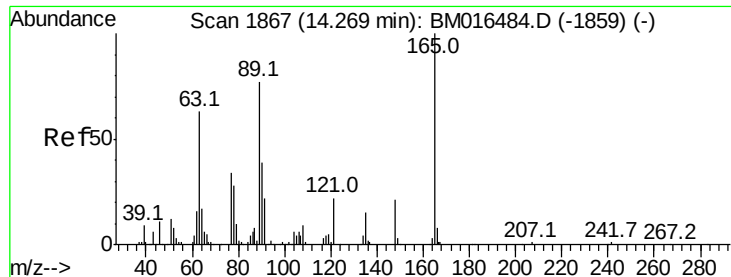
Delta R.T. 0.00 min

Lab File: BM016481.D

Acq: 21 Aug 2018 12:08

Tgt Ion:	163	Resp:	61944
Ion Ratio	Lower	Upper	
163	100		
194	6.2	2.7	4.1#
164	13.2	8.2	12.2#





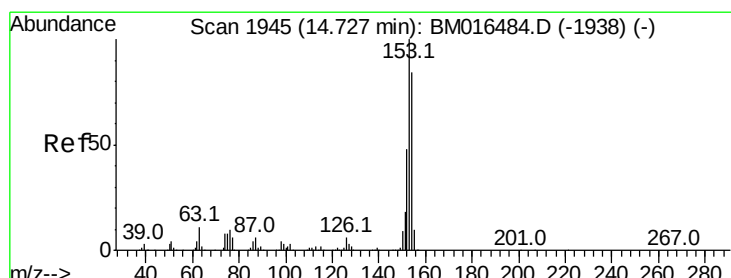
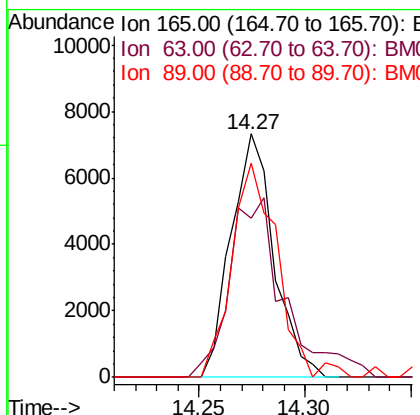
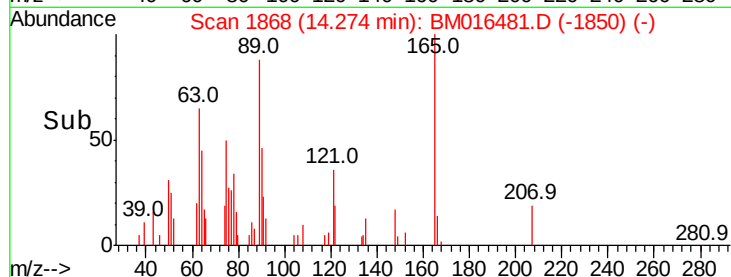
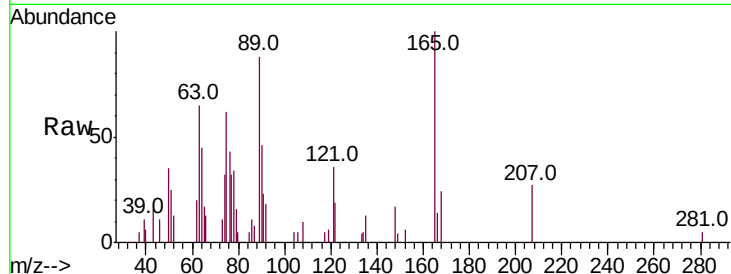
#50
2,6-Dinitrotoluene
Concen: 1.896 ng
RT: 14.27 min Scan# 1868
Delta R.T. 0.01 min
Lab File: BM016481.D
Acq: 21 Aug 2018 12:08

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	65.4	44.1	66.1
89	88.0	44.3	66.5#

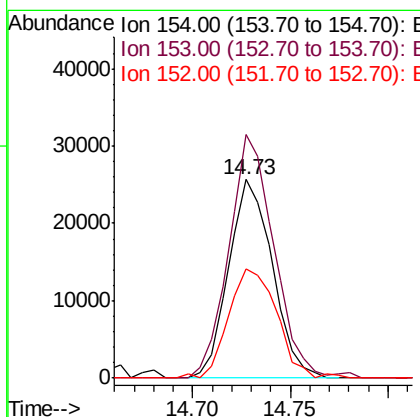
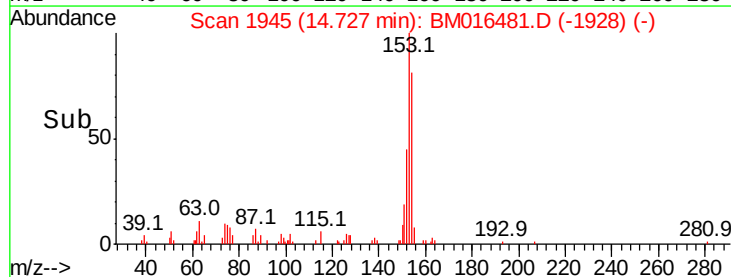
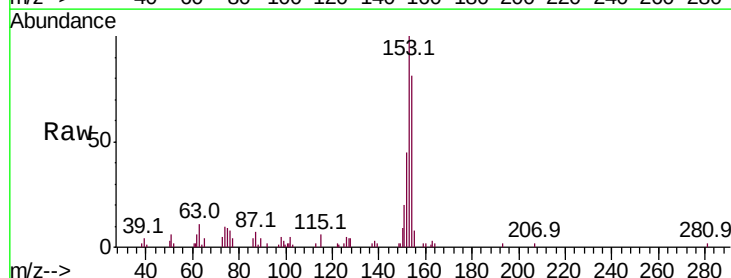
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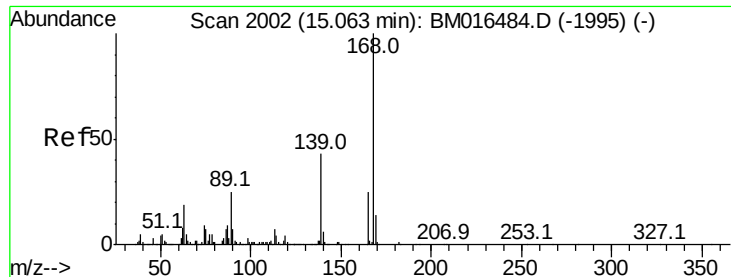
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#51
Acenaphthene
Concen: 2.086 ng
RT: 14.73 min Scan# 1945
Delta R.T. 0.00 min
Lab File: BM016481.D
Acq: 21 Aug 2018 12:08

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	122.8	90.0	135.0
152	55.3	42.6	63.8





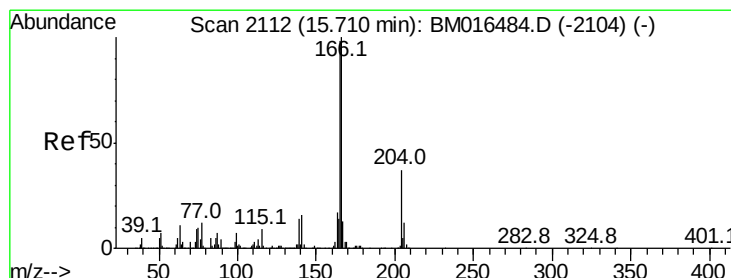
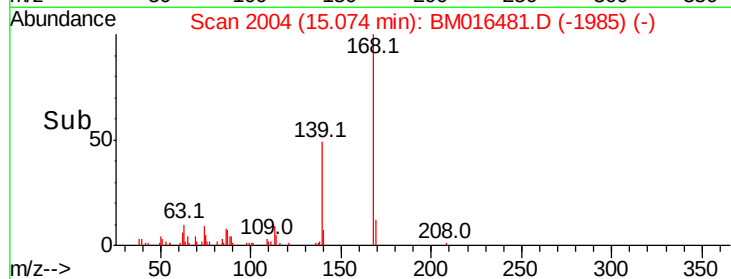
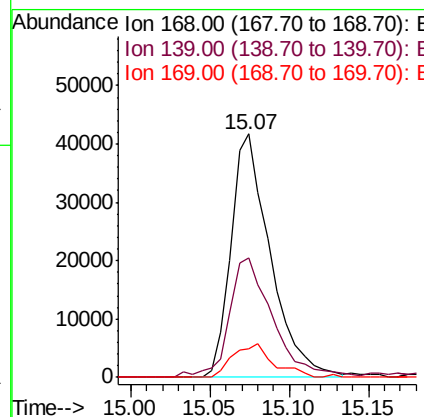
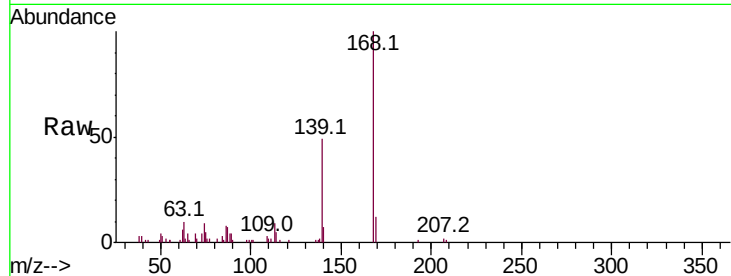
#54
Dibenzenofuran
Concen: 2.123 ng
RT: 15.07 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BM016481.D
Acq: 21 Aug 2018 12:08

Instrument :
BNA_M
ClientSampled :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
168	100		
139	49.2	27.3	40.9#
169	11.9	10.6	16.0

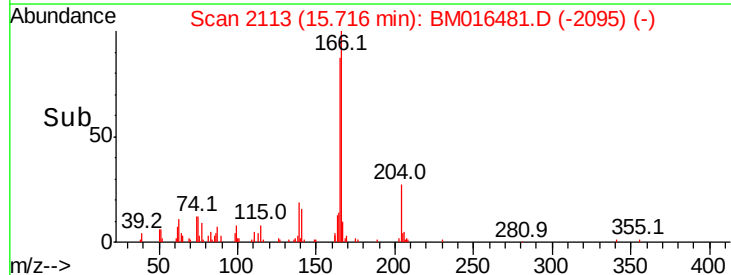
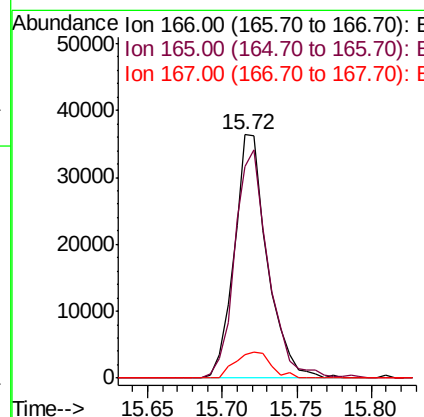
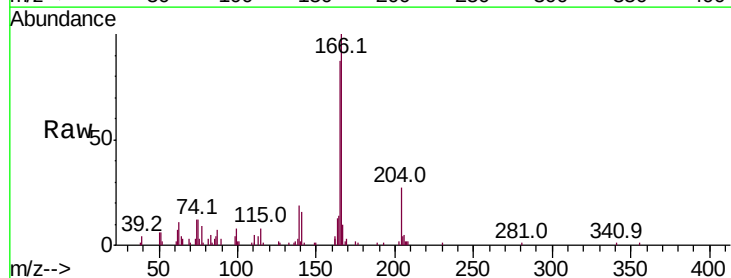
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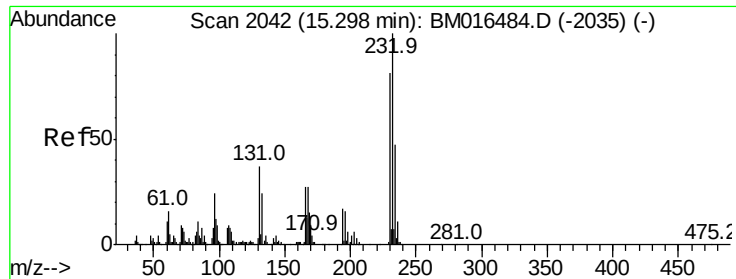
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#57
Fluorene
Concen: 2.184 ng
RT: 15.72 min Scan# 2113
Delta R.T. 0.01 min
Lab File: BM016481.D
Acq: 21 Aug 2018 12:08

Tgt Ion	Ratio	Lower	Upper
166	100		
165	86.9	79.0	118.4
167	9.8	10.3	15.5#





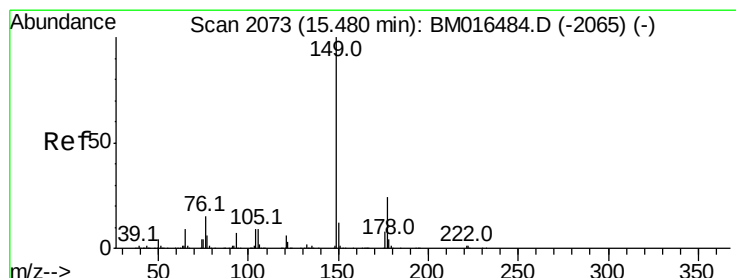
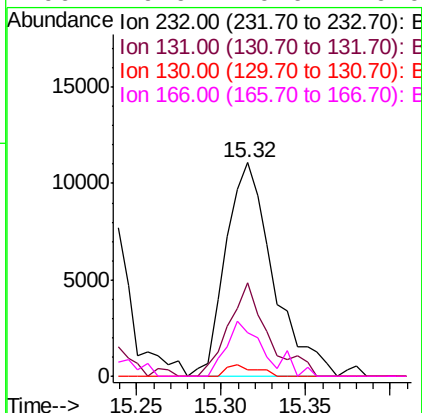
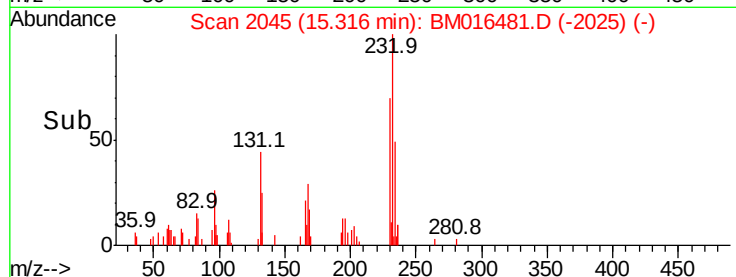
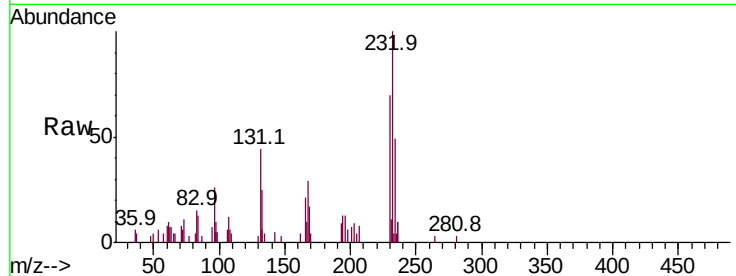
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 3.170 ng
 RT: 15.32 min Scan# 2045
 Delta R.T. 0.02 min
 Lab File: BM016481.D
 Acq: 21 Aug 2018 12:08

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.2	0.0	0.0#
130	3.3	0.0	0.0#
166	20.9	0.0	0.0#

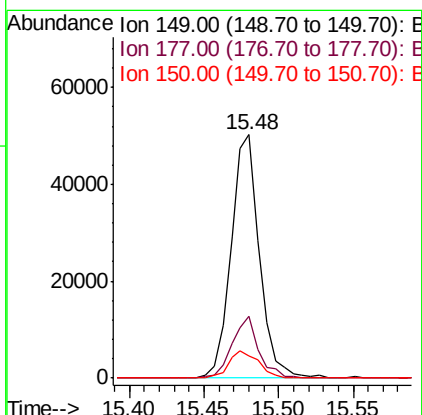
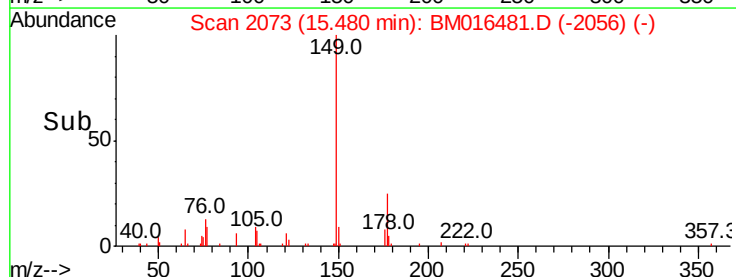
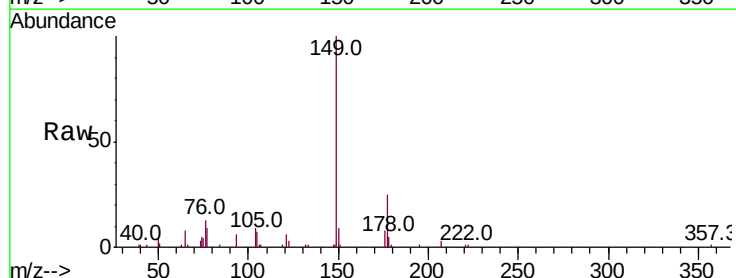
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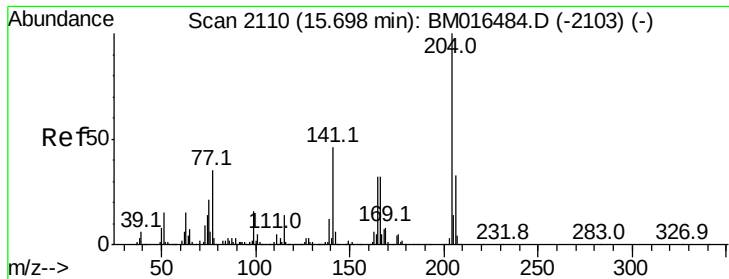
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#59
 Diethylphthalate
 Concen: 2.051 ng
 RT: 15.48 min Scan# 2073
 Delta R.T. 0.00 min
 Lab File: BM016481.D
 Acq: 21 Aug 2018 12:08

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.4	18.3	27.5
150	9.2	9.8	14.8#





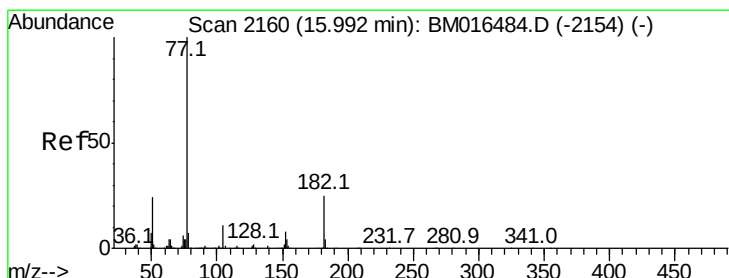
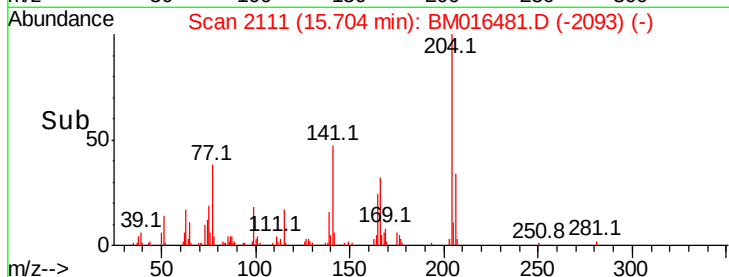
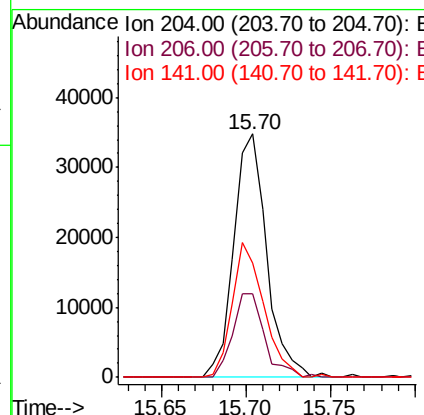
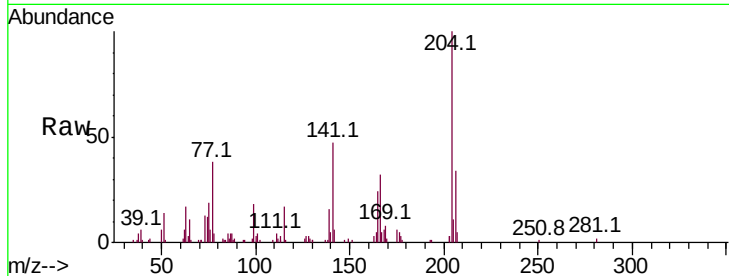
#60
4-Chlorophenyl-phenylether
Concen: 2.896 ng
RT: 15.70 min Scan# 2111
Delta R.T. 0.01 min
Lab File: BM016481.D
Acq: 21 Aug 2018 12:08

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	26.6	39.8
141	46.8	45.2	67.8

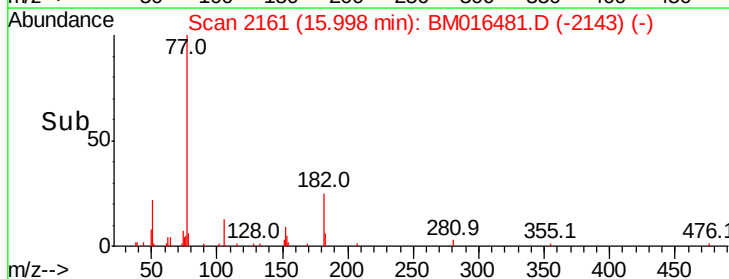
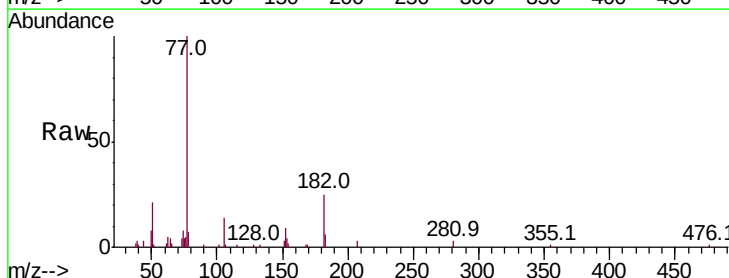
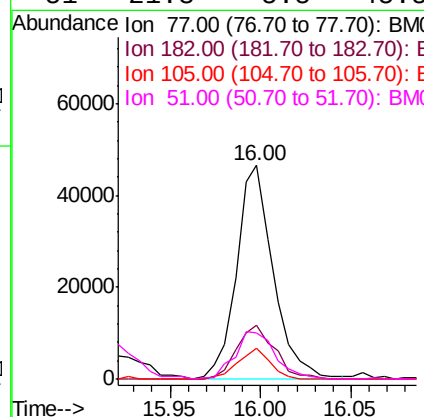
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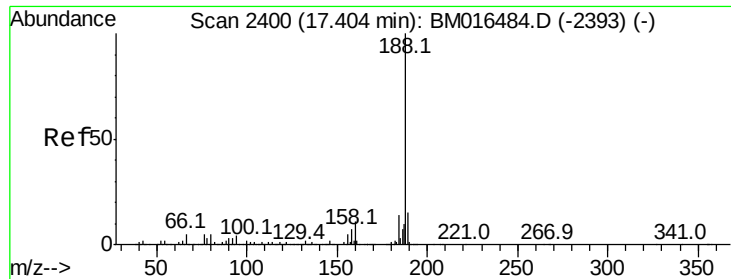
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#62
Azobenzene
Concen: 1.749 ng
RT: 16.00 min Scan# 2161
Delta R.T. 0.01 min
Lab File: BM016481.D
Acq: 21 Aug 2018 12:08

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.0	6.5	46.5
105	14.4	3.8	43.8
51	21.3	5.5	45.5





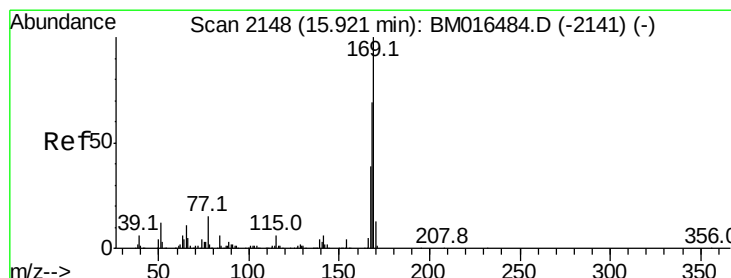
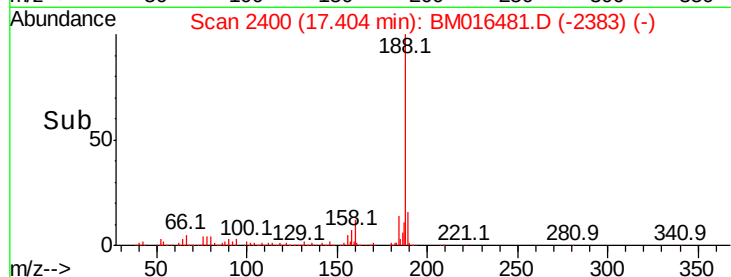
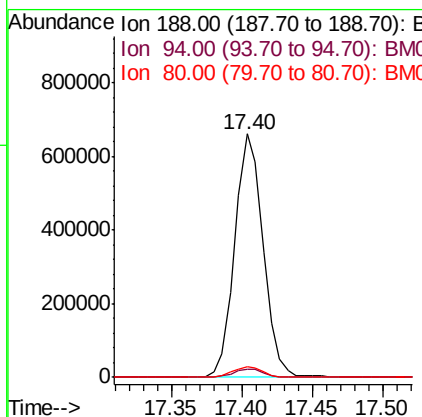
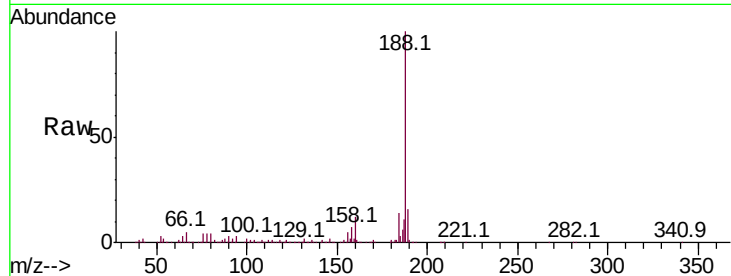
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BM016481.D
Acq: 21 Aug 2018 12:08

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	3.3	8.7	13.1#
80	4.2	9.3	13.9#

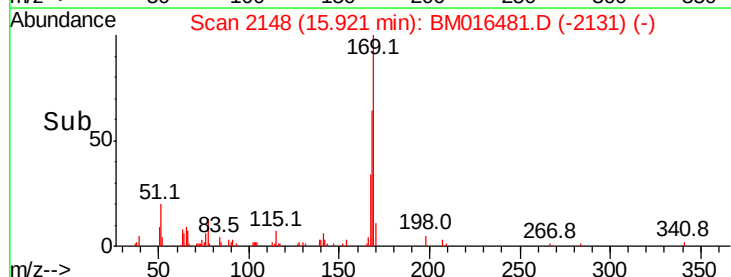
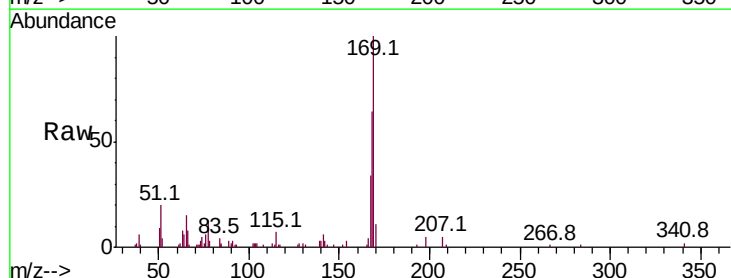
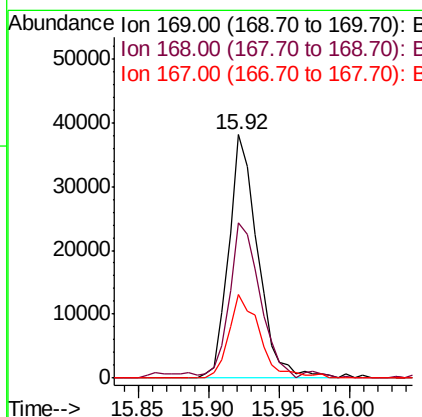
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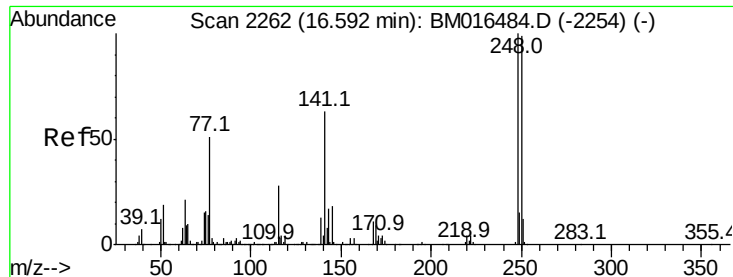
Sohil
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#65
n-Nitrosodiphenylamine
Concen: 1.746 ng
RT: 15.92 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BM016481.D
Acq: 21 Aug 2018 12:08

Tgt Ion	Ratio	Resp Lower	Upper
169	100		
168	63.6	53.9	80.9
167	34.3	28.9	43.3





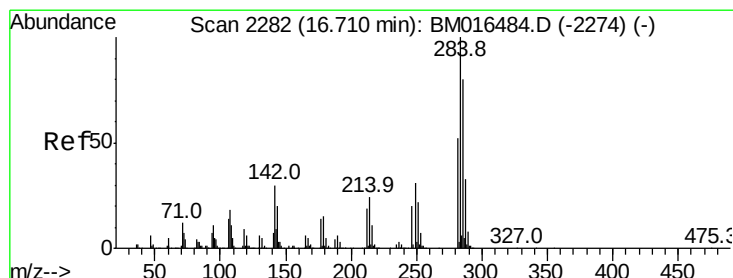
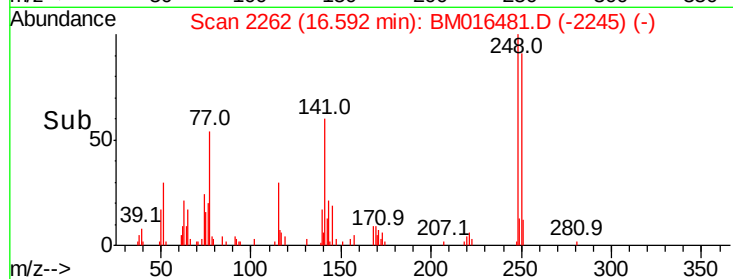
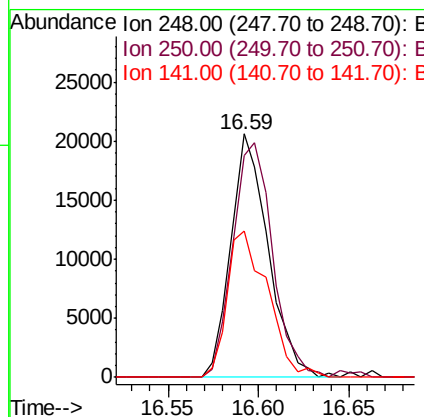
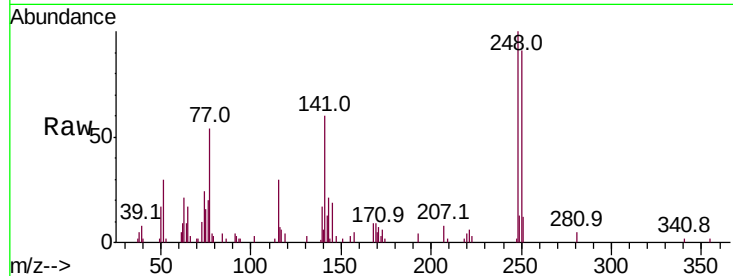
#66
4-Bromophenyl-phenylether
Concen: 2.369 ng
RT: 16.59 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BM016481.D
Acq: 21 Aug 2018 12:08

Instrument :
BNA_M
ClientSampled :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
248	100		
250	91.3	77.4	116.0
141	59.9	45.2	67.8

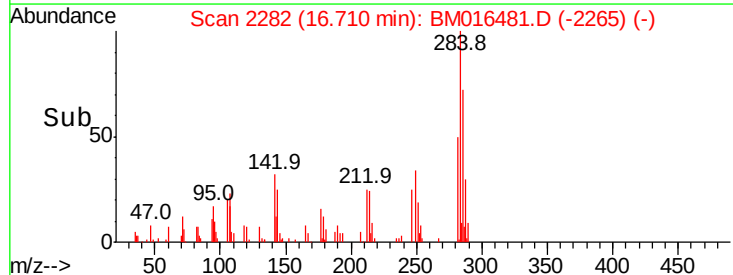
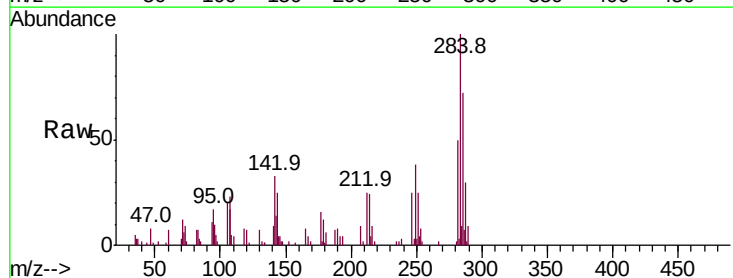
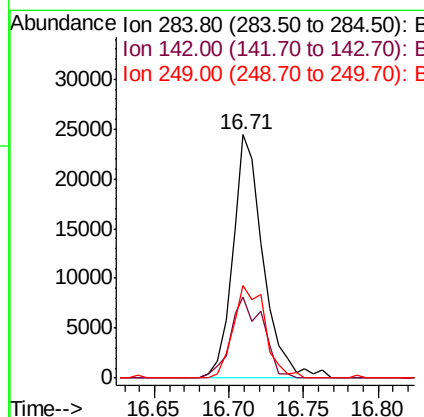
Manual Integrations
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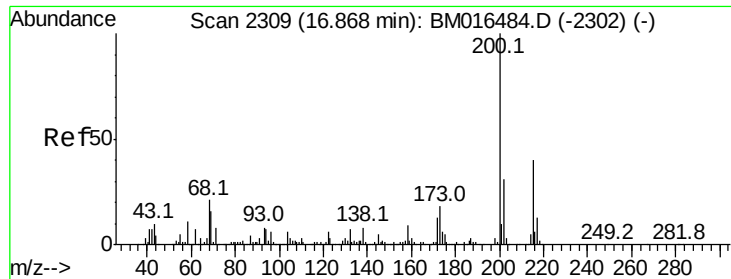
Sohil
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#67
Hexachlorobenzene
Concen: 2.821 ng
RT: 16.71 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BM016481.D
Acq: 21 Aug 2018 12:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.5	20.4	30.6#
249	38.2	23.8	35.6#





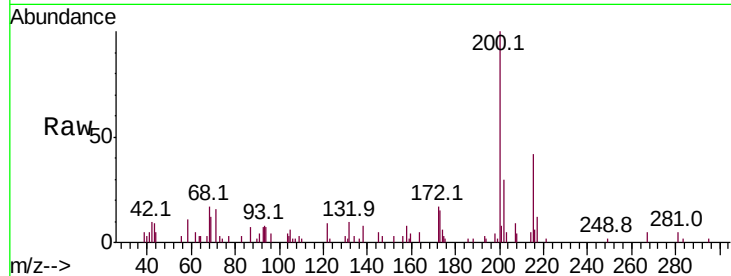
#68
Atrazine
Concen: 2.479 ng
RT: 16.86 min Scan# 2308
Delta R.T. -0.01 min
Lab File: BM016481.D
Acq: 21 Aug 2018 12:08

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	15.3	4.8	44.8	
215	41.6	26.9	66.9	

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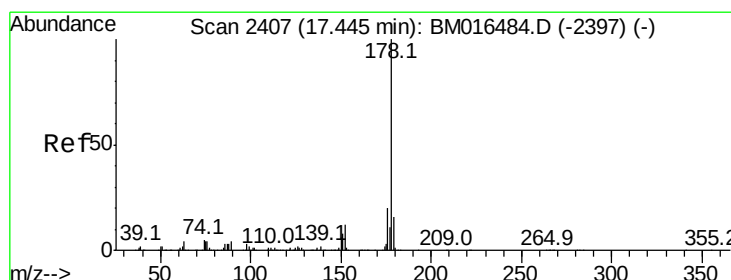
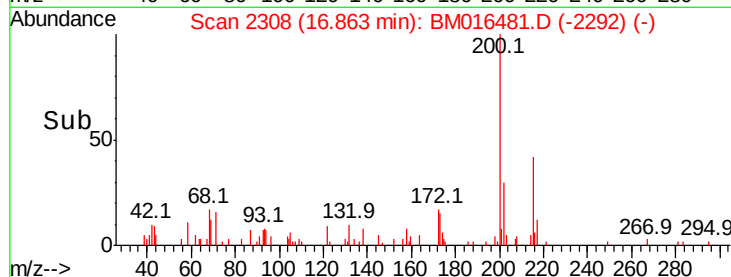
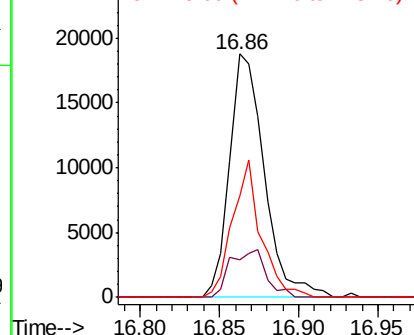


Abundance

Ion 200.00 (199.70 to 200.70): E

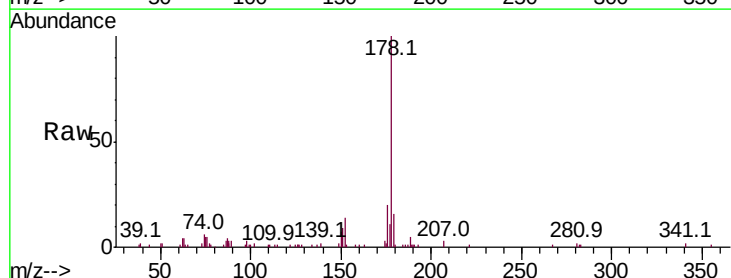
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Phenanthrene
Concen: 1.937 ng
RT: 17.45 min Scan# 2408
Delta R.T. 0.01 min
Lab File: BM016481.D
Acq: 21 Aug 2018 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.8	15.2	22.8	
179	15.5	12.1	18.1	

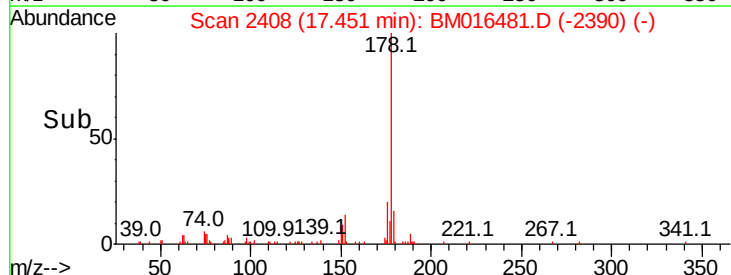
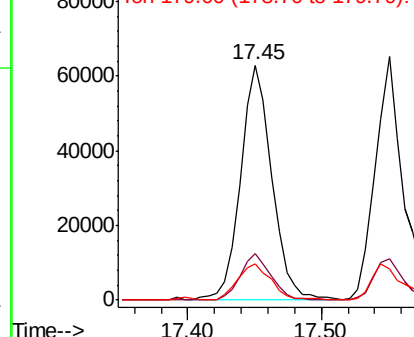


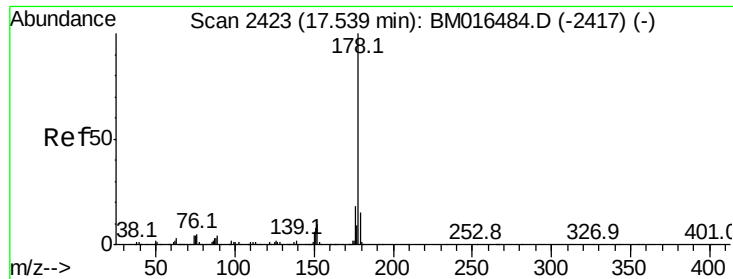
Abundance

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: 1.874 ng

RT: 17.55 min Scan# 2425

Delta R.T. 0.01 min

Lab File: BM016481.D

Acq: 21 Aug 2018 12:08

Instrument :

BNA_M

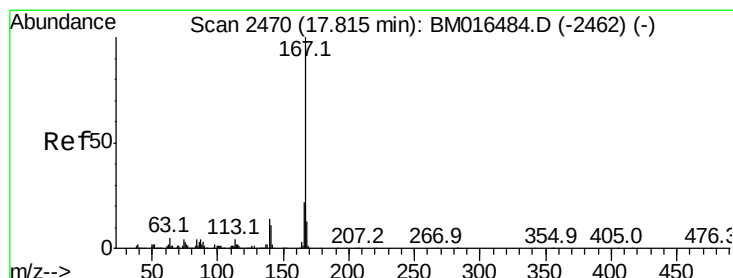
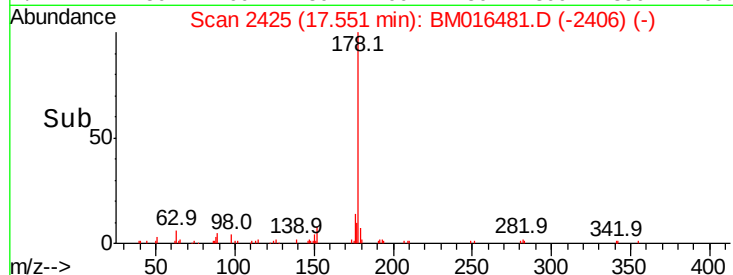
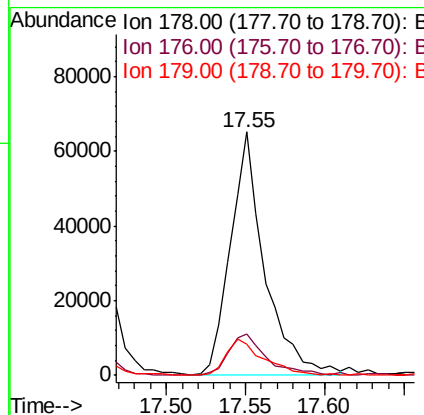
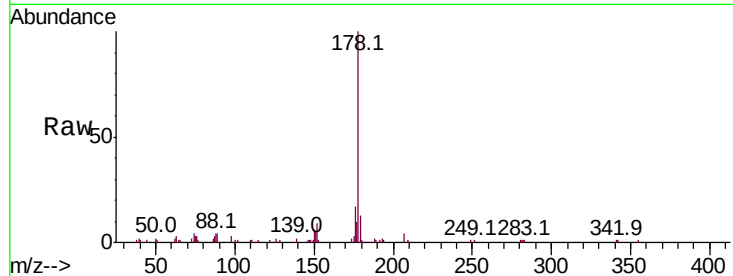
ClientSampleId :

SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.2	14.6	22.0
179	13.0	12.6	19.0

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#72

Carbazole

Concen: 1.771 ng m

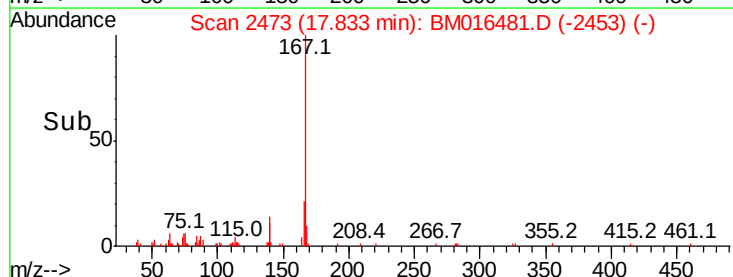
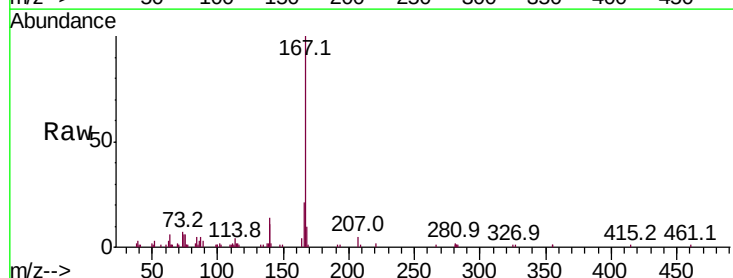
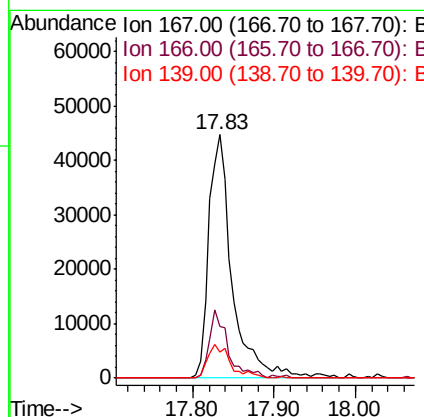
RT: 17.83 min Scan# 2473

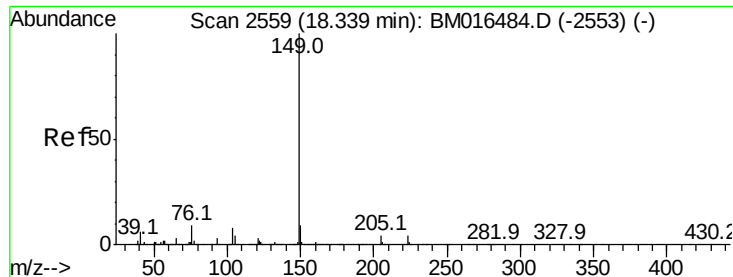
Delta R.T. 0.02 min

Lab File: BM016481.D

Acq: 21 Aug 2018 12:08

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.2	25.8
139	10.6	10.8	16.2#





#73

Di-n-butylphthalate

Concen: 1.299 ng

RT: 18.34 min Scan# 2559

Delta R.T. 0.00 min

Lab File: BM016481.D

Acq: 21 Aug 2018 12:08

Instrument :

BNA_M

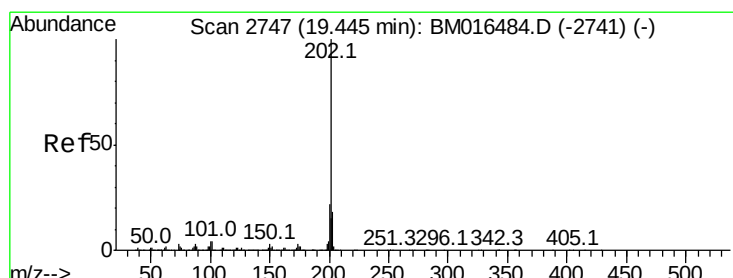
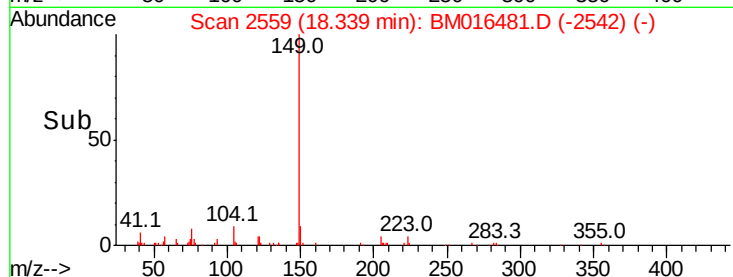
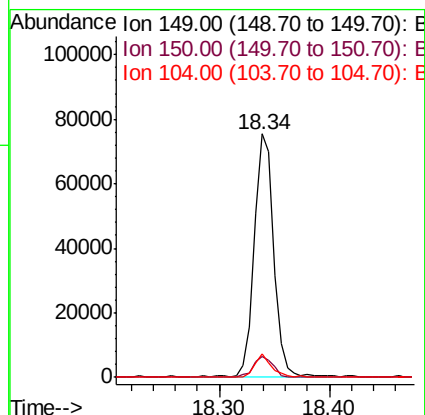
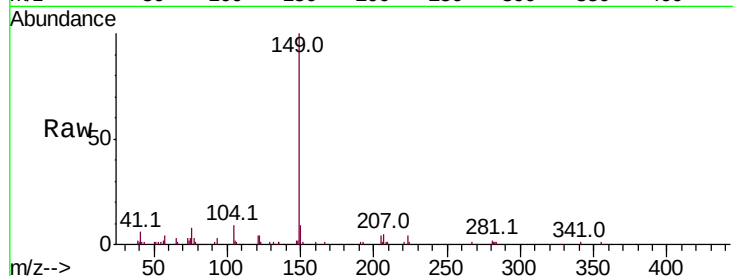
ClientSampled :

SSTDICC2.5

Tot Ion:	149	Resp:	94253
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.5	11.3
104	9.4	3.7	5.5#

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#74

Fluoranthene

Concen: 2.260 ng

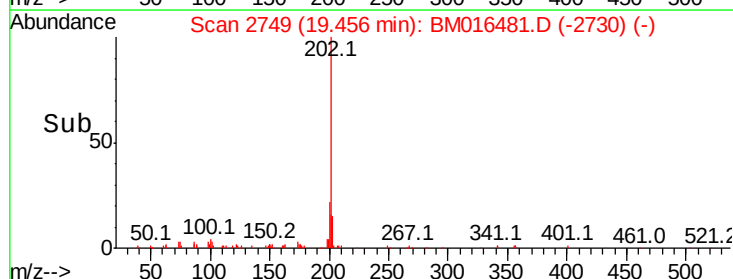
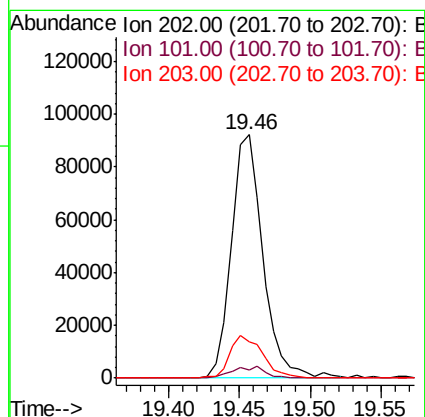
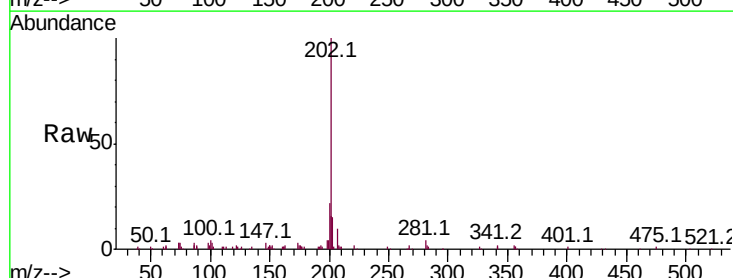
RT: 19.46 min Scan# 2749

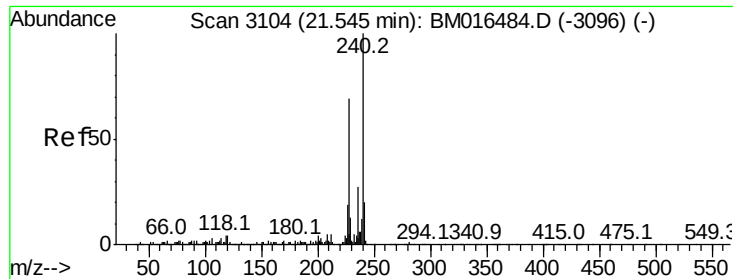
Delta R.T. 0.01 min

Lab File: BM016481.D

Acq: 21 Aug 2018 12:08

Tgt Ion:	202	Resp:	143702
Ion Ratio	Lower	Upper	
202	100		
101	3.4	0.0	28.7
203	15.1	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3104

Delta R.T. 0.00 min

Lab File: BM016481.D

Acq: 21 Aug 2018 12:08

Instrument :

BNA_M

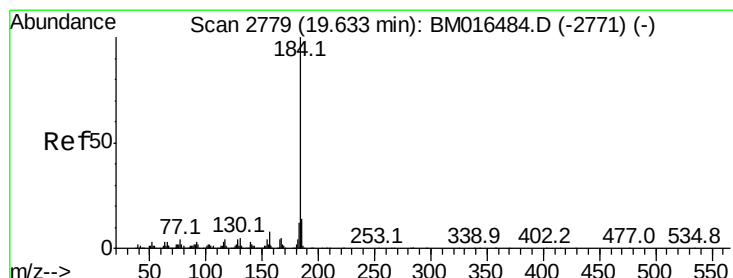
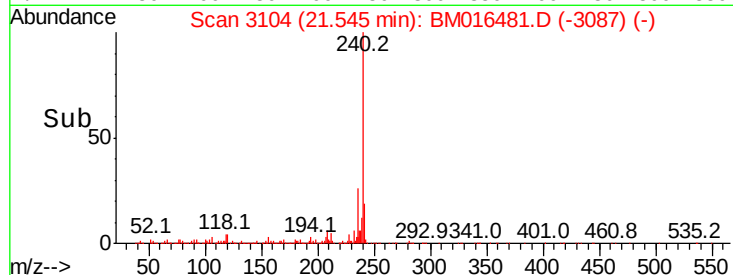
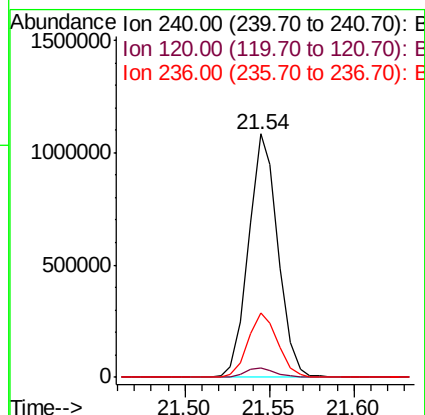
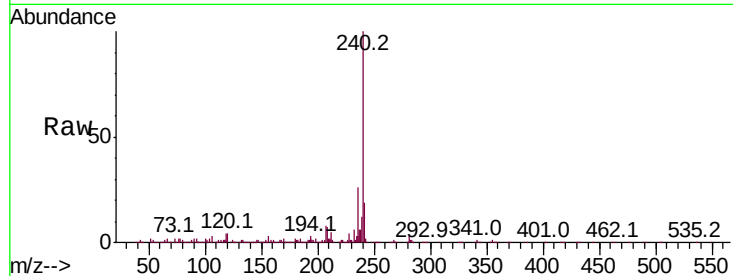
ClientSampled :

SSTDICC2.5

Tot Ion:	240	Resp:	1311587
Ion Ratio	Lower	Upper	
240	100		
120	3.8	8.2	12.2#
236	26.4	20.0	30.0

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#76

Benzidine

Concen: 2.295 ng m

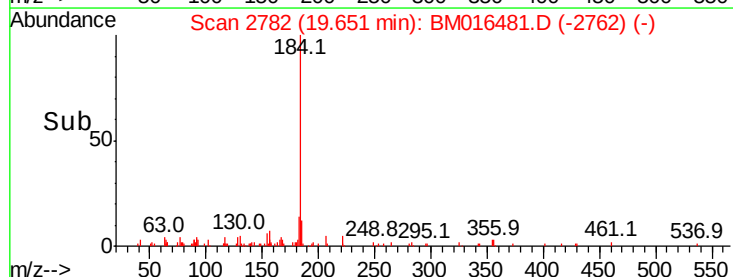
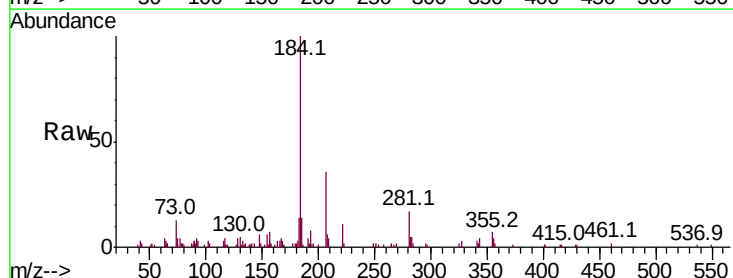
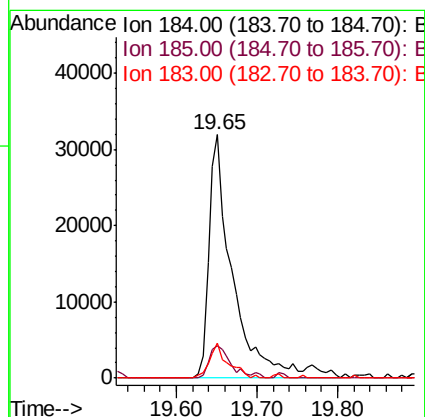
RT: 19.65 min Scan# 2782

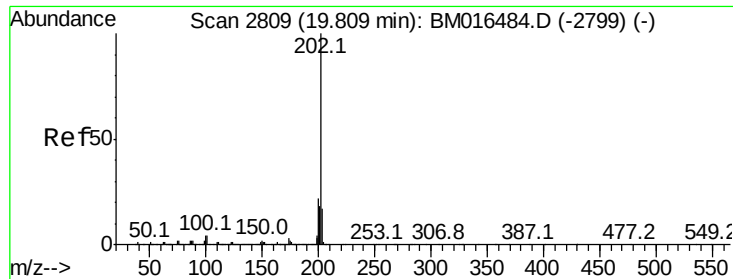
Delta R.T. 0.02 min

Lab File: BM016481.D

Acq: 21 Aug 2018 12:08

Tgt Ion:	184	Resp:	66256
Ion Ratio	Lower	Upper	
184	100		
185	13.6	11.3	16.9
183	14.2	8.9	13.3#





#77

Pvrene

Concen: 1.731 ng

RT: 19.82 min Scan# 2810

Delta R.T. 0.01 min

Lab File: BM016481.D

Acq: 21 Aug 2018 12:08

Instrument :

BNA_M

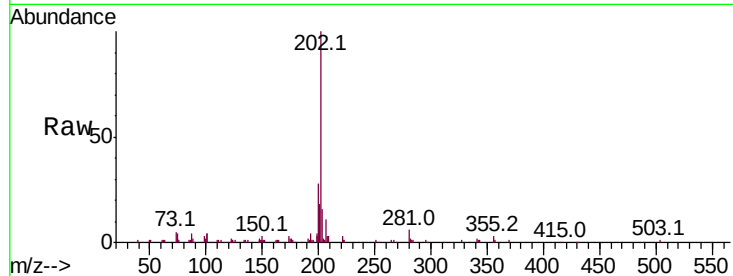
ClientSampleId :

SSTDICC2.5

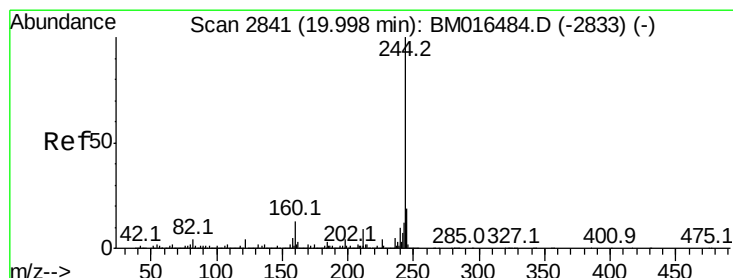
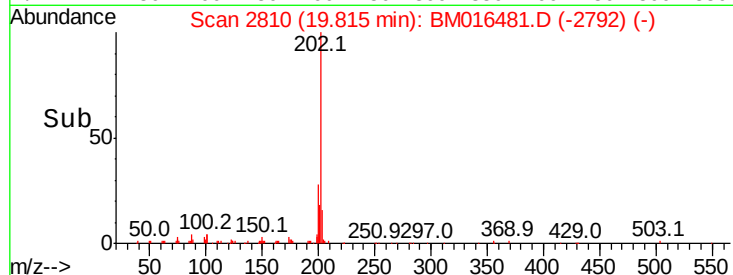
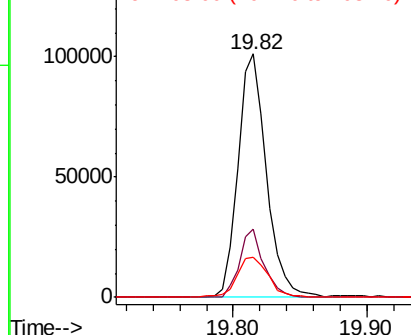
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
200	27.8	16.9	25.3#		
203	16.4	14.1	21.1		

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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: 1.731 ng

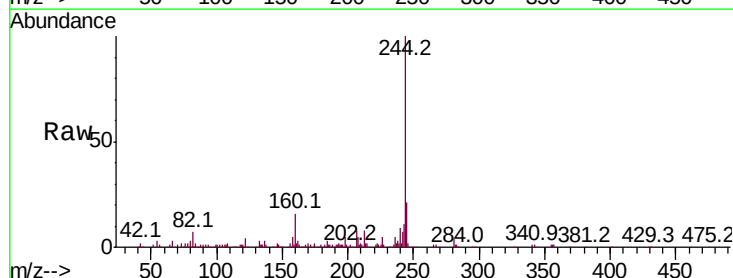
RT: 20.00 min Scan# 2841

Delta R.T. 0.00 min

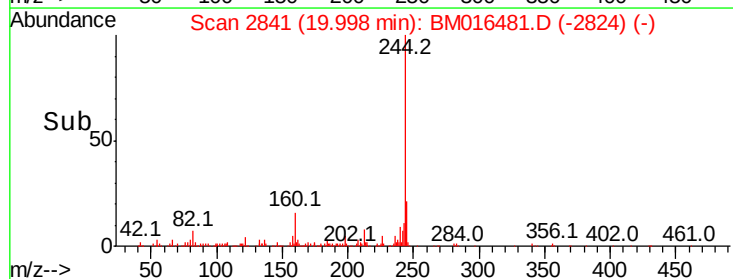
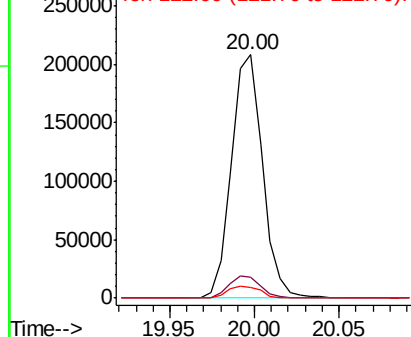
Lab File: BM016481.D

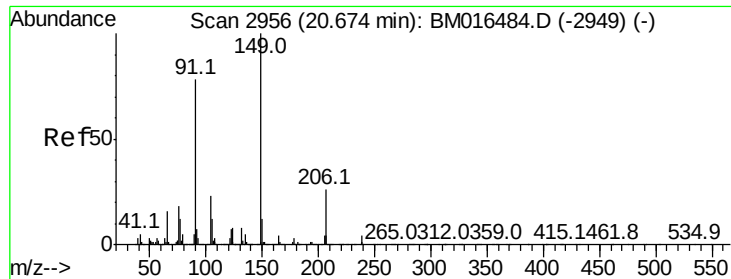
Acq: 21 Aug 2018 12:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100				
212	8.4	4.9	7.3#		
122	4.2	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





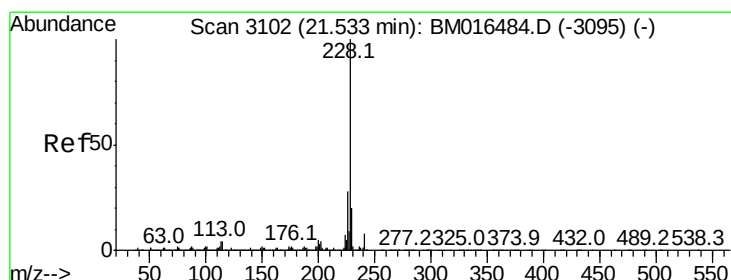
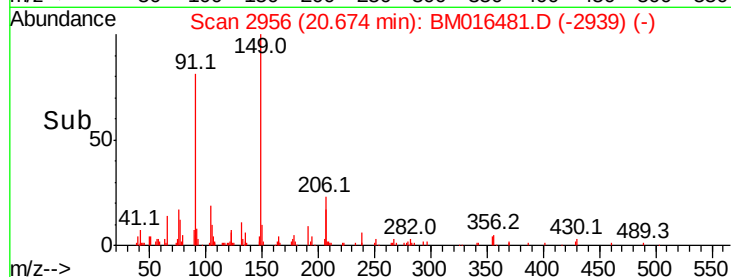
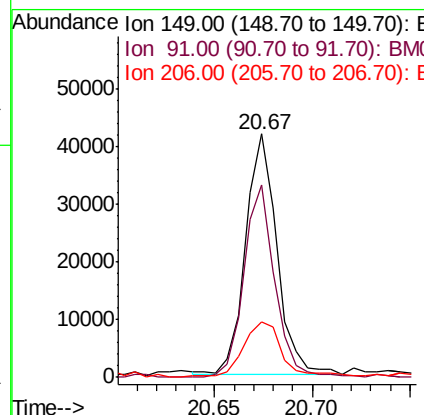
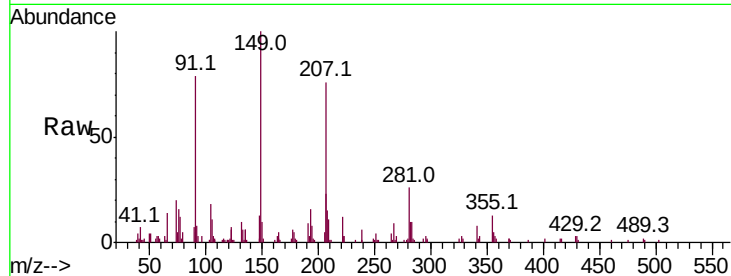
#79
Butylbenzylphthalate
Concen: 1.145 ng
RT: 20.67 min Scan# 2956
Delta R.T. 0.00 min
Lab File: BM016481.D
Acq: 21 Aug 2018 12:08

Instrument :
BNA_M
ClientSampled :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
149	100		
91	79.3	50.1	75.1#
206	23.0	16.2	24.2

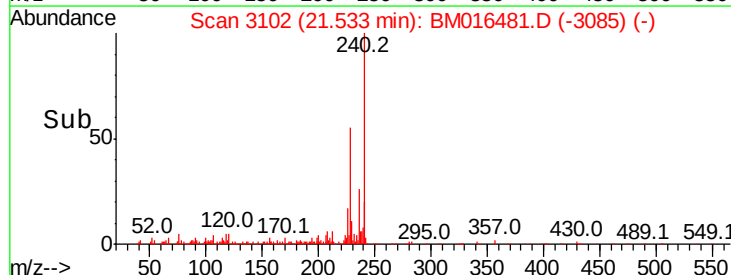
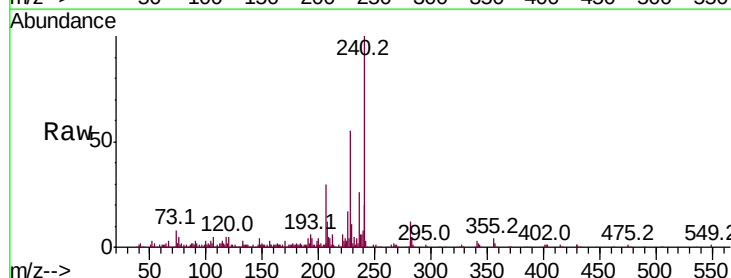
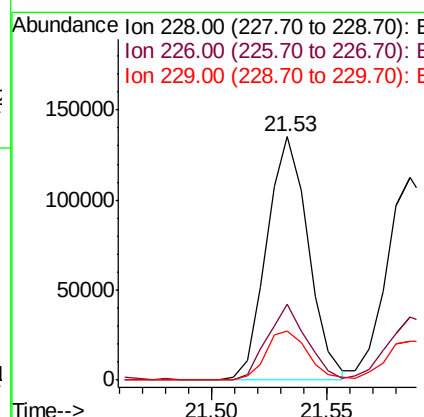
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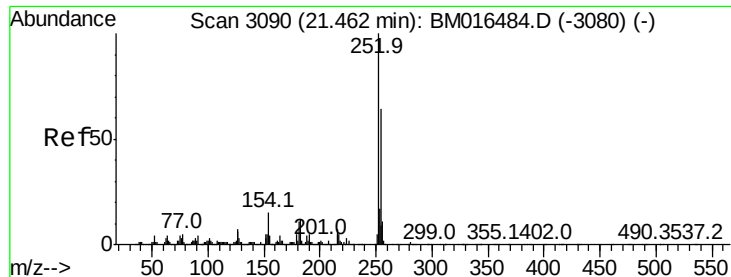
Sohil
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#80
Benzo(a)anthracene
Concen: 1.997 ng
RT: 21.53 min Scan# 3102
Delta R.T. 0.00 min
Lab File: BM016481.D
Acq: 21 Aug 2018 12:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	21.7	32.5
229	20.1	16.0	24.0





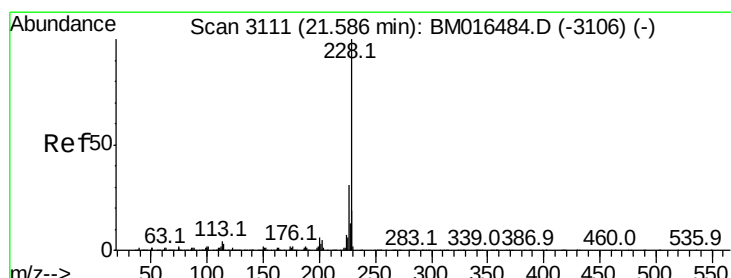
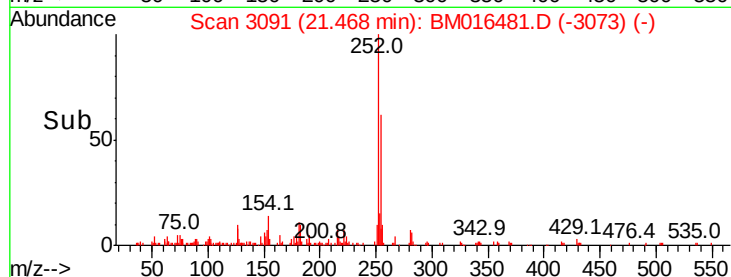
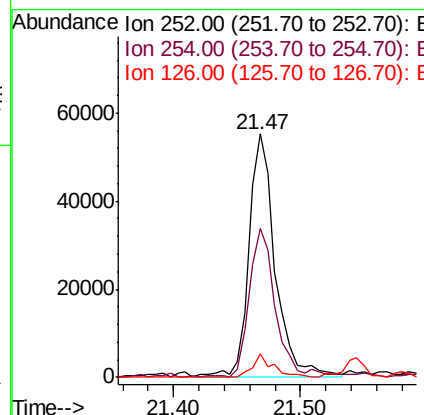
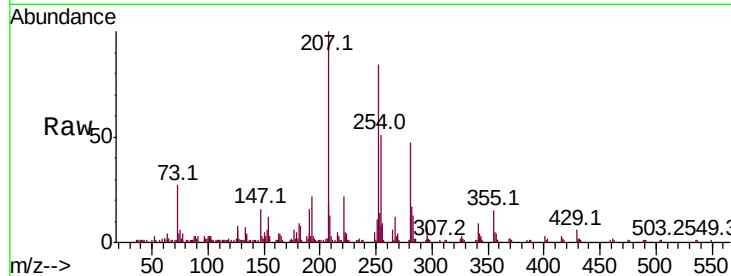
#81
 3,3'-Dichlorobenzidine
 Concen: 2.637 ng
 RT: 21.47 min Scan# 3091
 Delta R.T. 0.01 min
 Lab File: BM016481.D
 Acq: 21 Aug 2018 12:08

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
252	100		
254	61.1	51.9	77.9
126	9.4	9.8	14.8

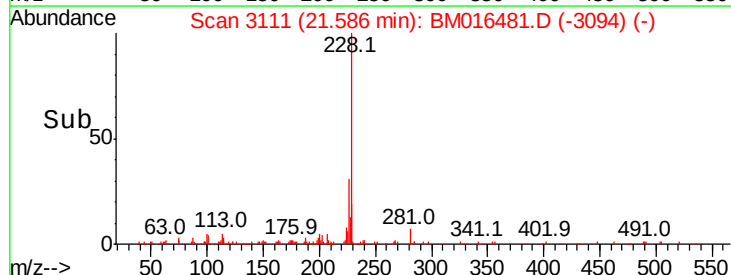
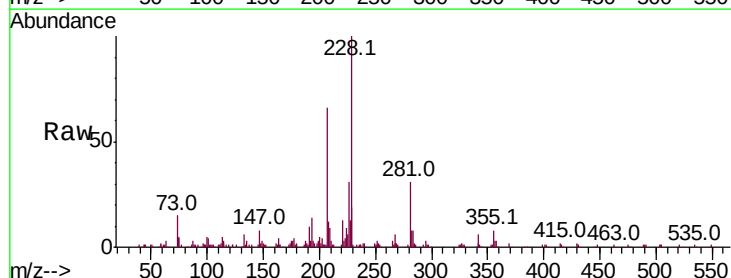
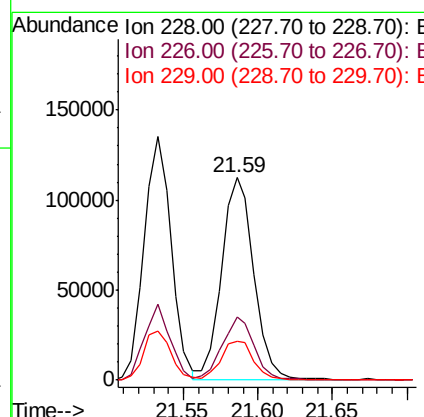
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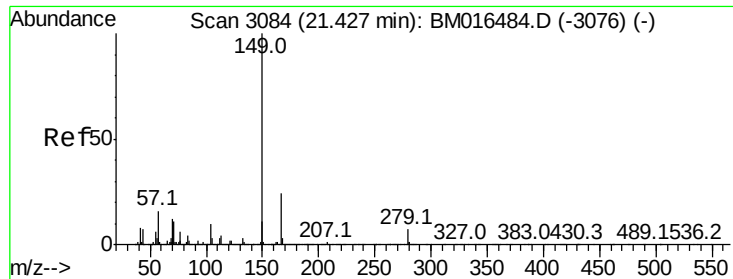
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#82
 Chrysene
 Concen: 2.147 ng
 RT: 21.59 min Scan# 3111
 Delta R.T. 0.00 min
 Lab File: BM016481.D
 Acq: 21 Aug 2018 12:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.1	36.1
229	19.5	15.5	23.3





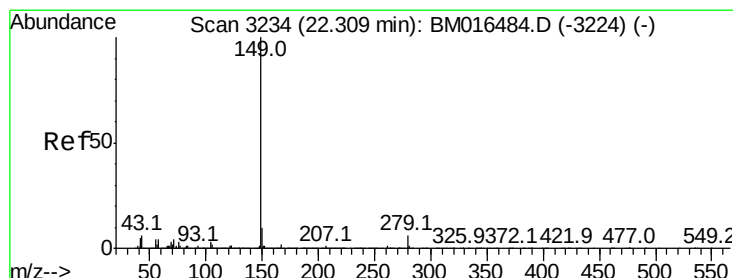
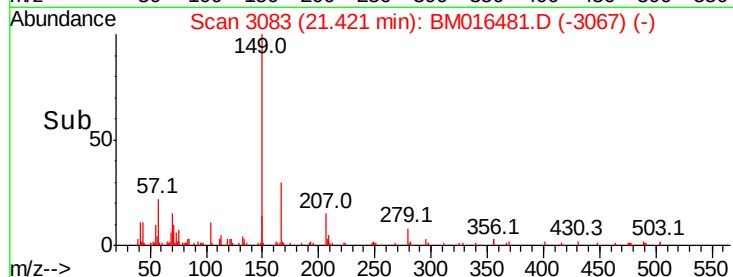
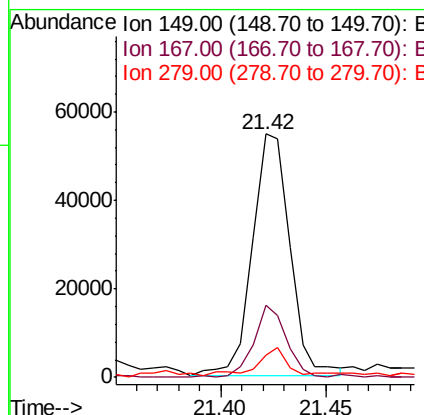
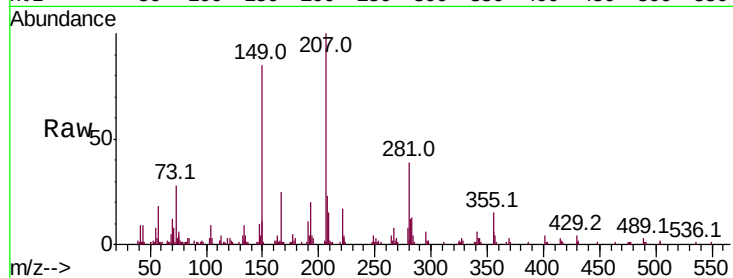
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.172 ng
 RT: 21.42 min Scan# 3083
 Delta R.T. -0.01 min
 Lab File: BM016481.D
 Acq: 21 Aug 2018 12:08

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.5	22.4	33.6
279	9.2	3.4	5.0

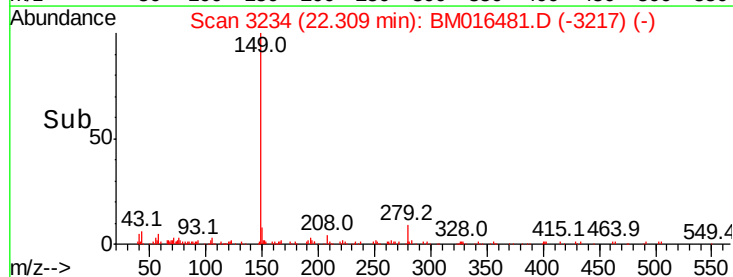
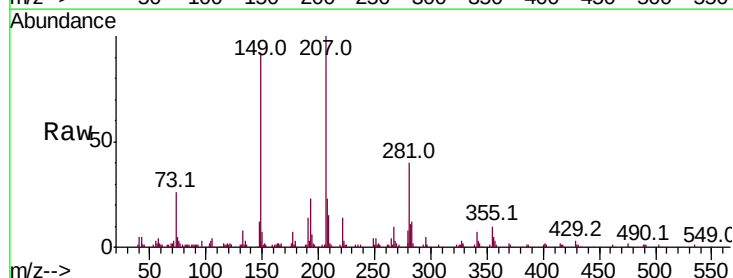
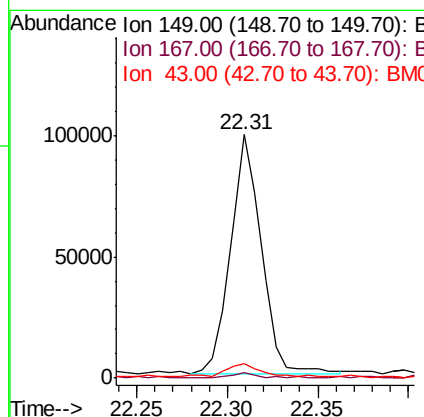
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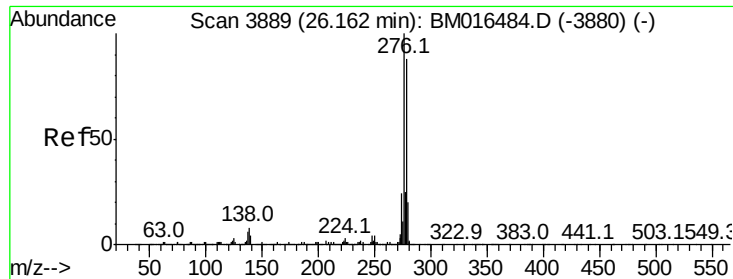
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 1.334 ng
 RT: 22.31 min Scan# 3234
 Delta R.T. 0.00 min
 Lab File: BM016481.D
 Acq: 21 Aug 2018 12:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	2.0	1.2	1.8
43	6.2	7.3	10.9





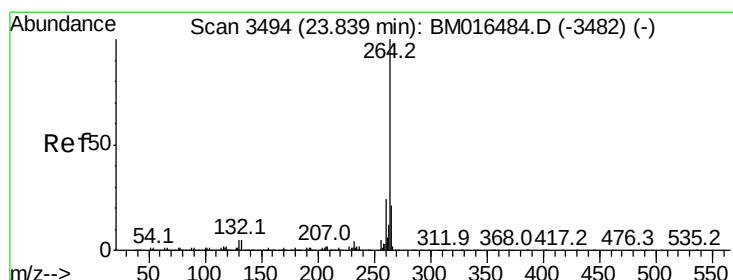
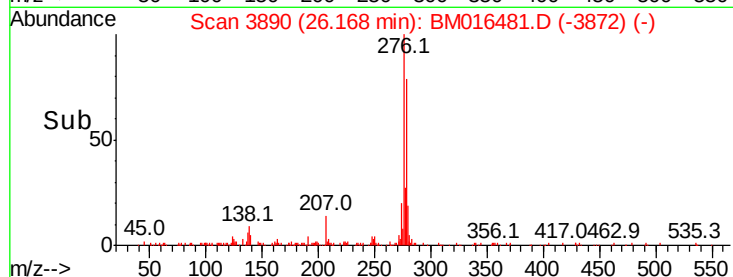
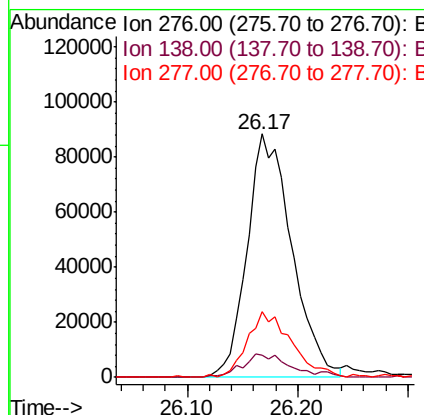
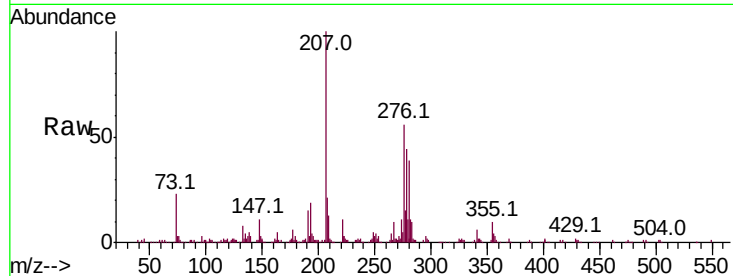
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.838 ng
 RT: 26.17 min Scan# 3890
 Delta R.T. 0.01 min
 Lab File: BM016481.D
 Acq: 21 Aug 2018 12:08

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

Tot Ion	Ratio	Resp	Lower	Upper
276	100	250353		
138	9.7	12.0	18.0	#
277	26.7	20.0	30.0	

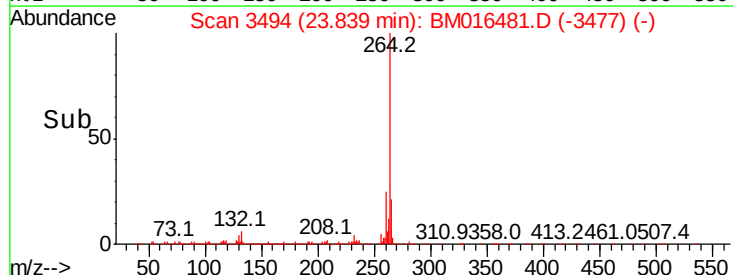
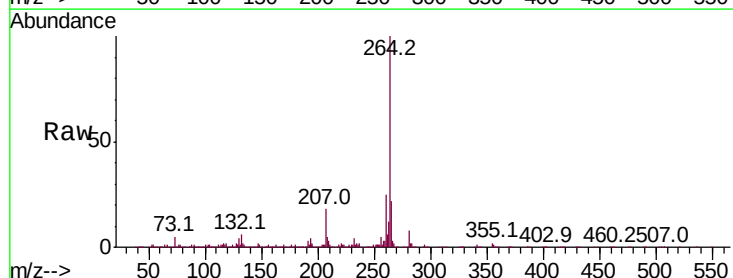
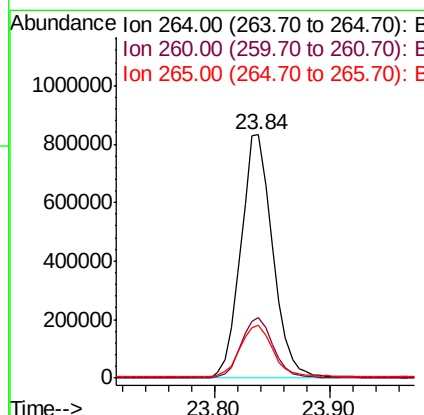
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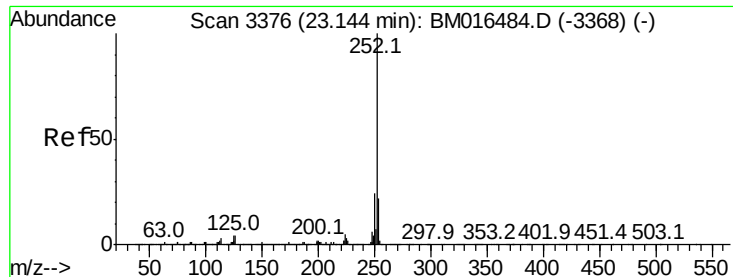
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.84 min Scan# 3494
 Delta R.T. 0.00 min
 Lab File: BM016481.D
 Acq: 21 Aug 2018 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	1601414		
260	24.6	18.6	27.8	
265	21.9	17.3	25.9	





#87

Benzo(b)fluoranthene

Concen: 1.821 ng

RT: 23.16 min Scan# 3378

Delta R.T. 0.01 min

Lab File: BM016481.D

Acq: 21 Aug 2018 12:08

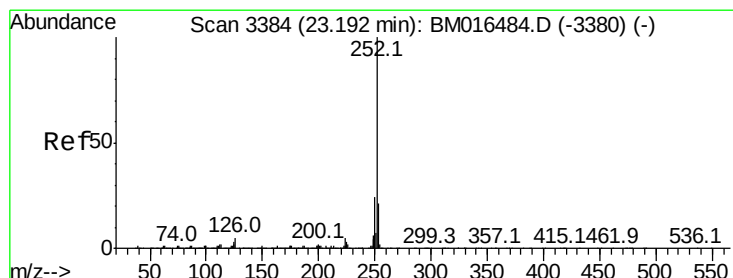
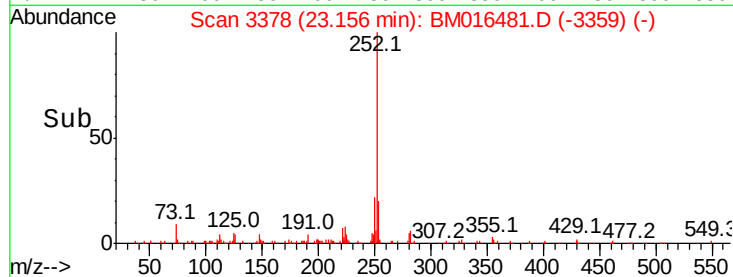
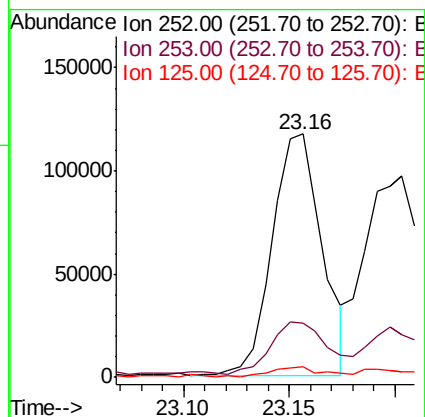
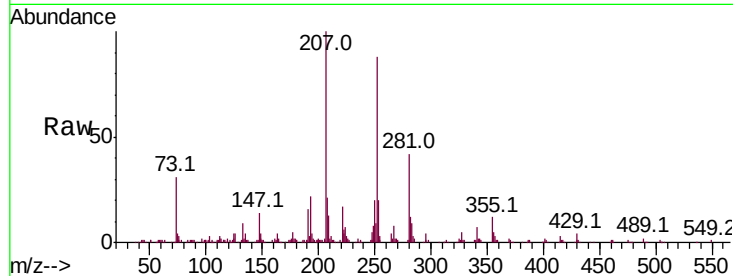
Instrument :
BNA_M

ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	4.5	9.9	14.9

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 1.891 ng

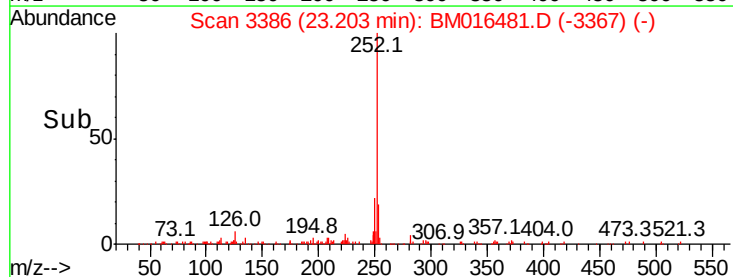
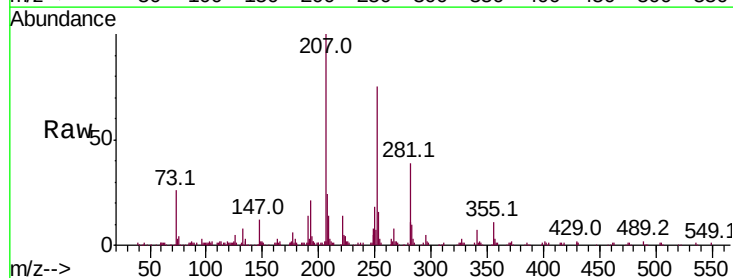
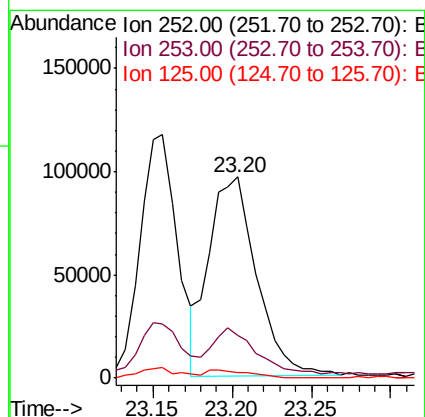
RT: 23.20 min Scan# 3386

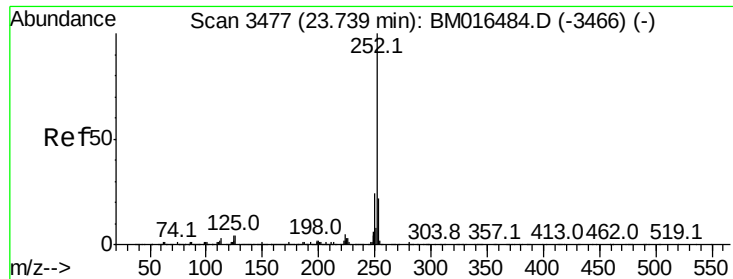
Delta R.T. 0.01 min

Lab File: BM016481.D

Acq: 21 Aug 2018 12:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.2	25.8
125	3.0	8.1	12.1





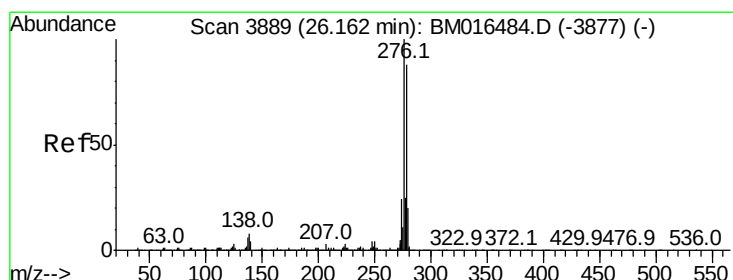
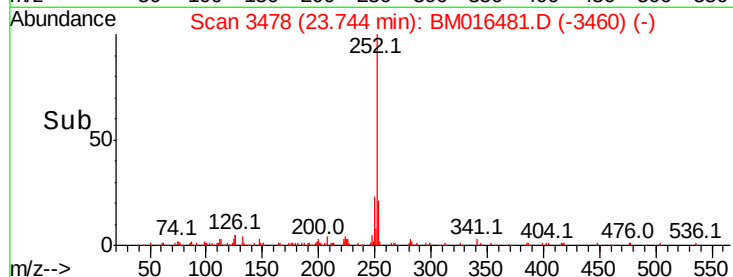
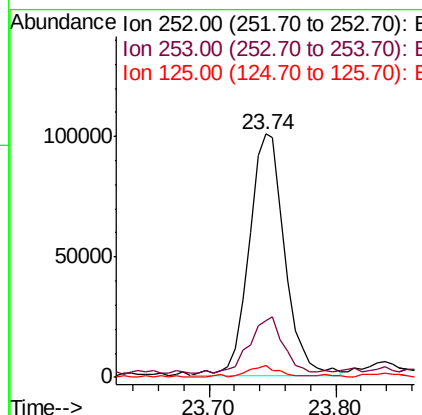
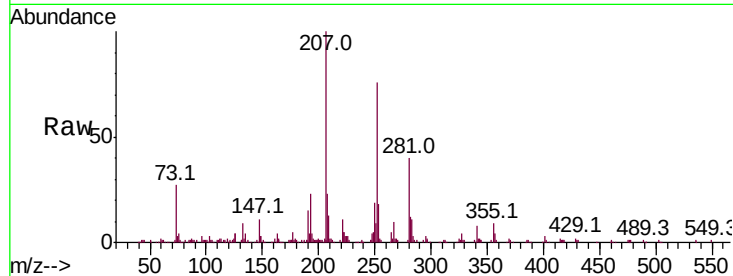
#89
Benzo(a)pyrene
Concen: 2.054 ng
RT: 23.74 min Scan# 3478
Delta R.T. 0.01 min
Lab File: BM016481.D
Acq: 21 Aug 2018 12:08

Instrument :
BNA_M
ClientSampled :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	4.9	7.4	11.2

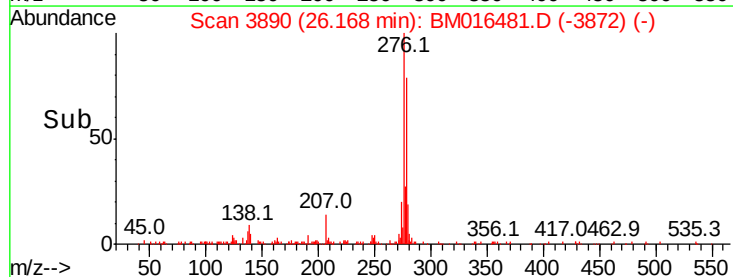
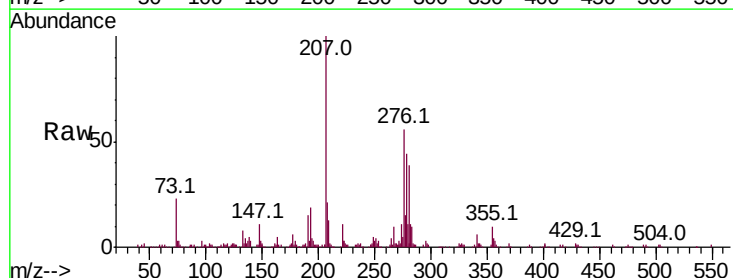
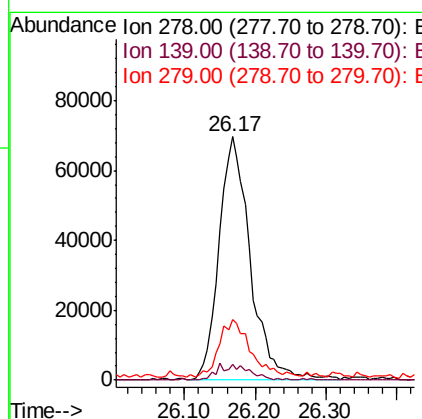
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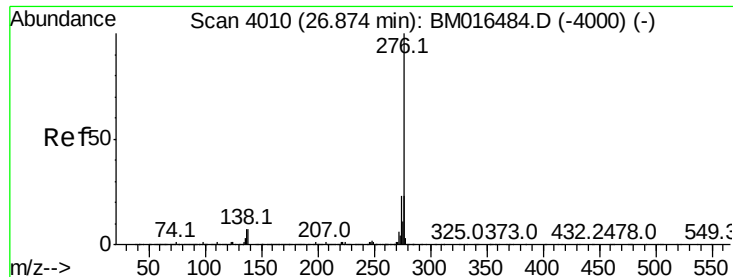
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#90
Dibenzo(a,h)anthracene
Concen: 2.501 ng m
RT: 26.17 min Scan# 3890
Delta R.T. 0.01 min
Lab File: BM016481.D
Acq: 21 Aug 2018 12:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	6.4	13.4	20.0
279	25.0	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 2.771 ng/ml
 RT: 26.90 min Scan# 4015
 Delta R.T. 0.03 min
 Lab File: BM016481.D
 Acq: 21 Aug 2018 12:08

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

Tot Ion:	276	Resp:	214408
Ion Ratio	Lower	Upper	
276	100		
277	21.6	18.5	27.7
138	10.5	19.0	28.6

Manual Integrations
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 8/22/2018 6:05:48 PM

