

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021819\
 Data File : BM018841.D
 Acq On : 18 Feb 2019 16:48
 Operator : JU/SJ
 Sample : K1518-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CABLE-BRIDGE-FOUNDATION-D-4

Manual Integrations
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 2/19/2019 10:03:08 AM

Quant Time: Feb 19 01:31:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	356288	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	1457900	20.00	ng	-0.01
39) Acenaphthene-d10	14.35	164	799790	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1792604	20.00	ng	-0.01
76) Chrysene-d12	21.30	240	1678102	20.00	ng	0.00
87) Perylene-d12	23.56	264	1417442	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2070953	95.24	ng	0.00
7) Phenol-d6	6.88	99	2889346	94.32	ng	0.00
23) Nitrobenzene-d5	8.87	82	1887036	59.85	ng	-0.01
42) 2,4,6-Tribromophenol	15.85	330	1017300	88.24	ng	-0.01
45) 2-Fluorobiphenyl	12.97	172	3428117	56.90	ng	-0.01
79) Terphenyl-d14	19.74	244	5037490	61.93	ng	0.00
Target Compounds						
10) Phenol	6.90	94	93792	2.910	ng	85
50) Dimethylphthalate	13.82	163	250563	3.759	ng	100
71) Phenanthrene	17.14	178	293339	3.045	ng	99
75) Fluoranthene	19.17	202	522435	4.695	ng	98
78) Pyrene	19.53	202	499887	5.129	ng	100
81) Benzo(a)anthracene	21.29	228	248341	2.539	ng	99
83) Chrysene	21.34	228	216020	2.304	ng	98
88) Benzo(b)fluoranthene	22.87	252	236654m	2.918	ng	

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

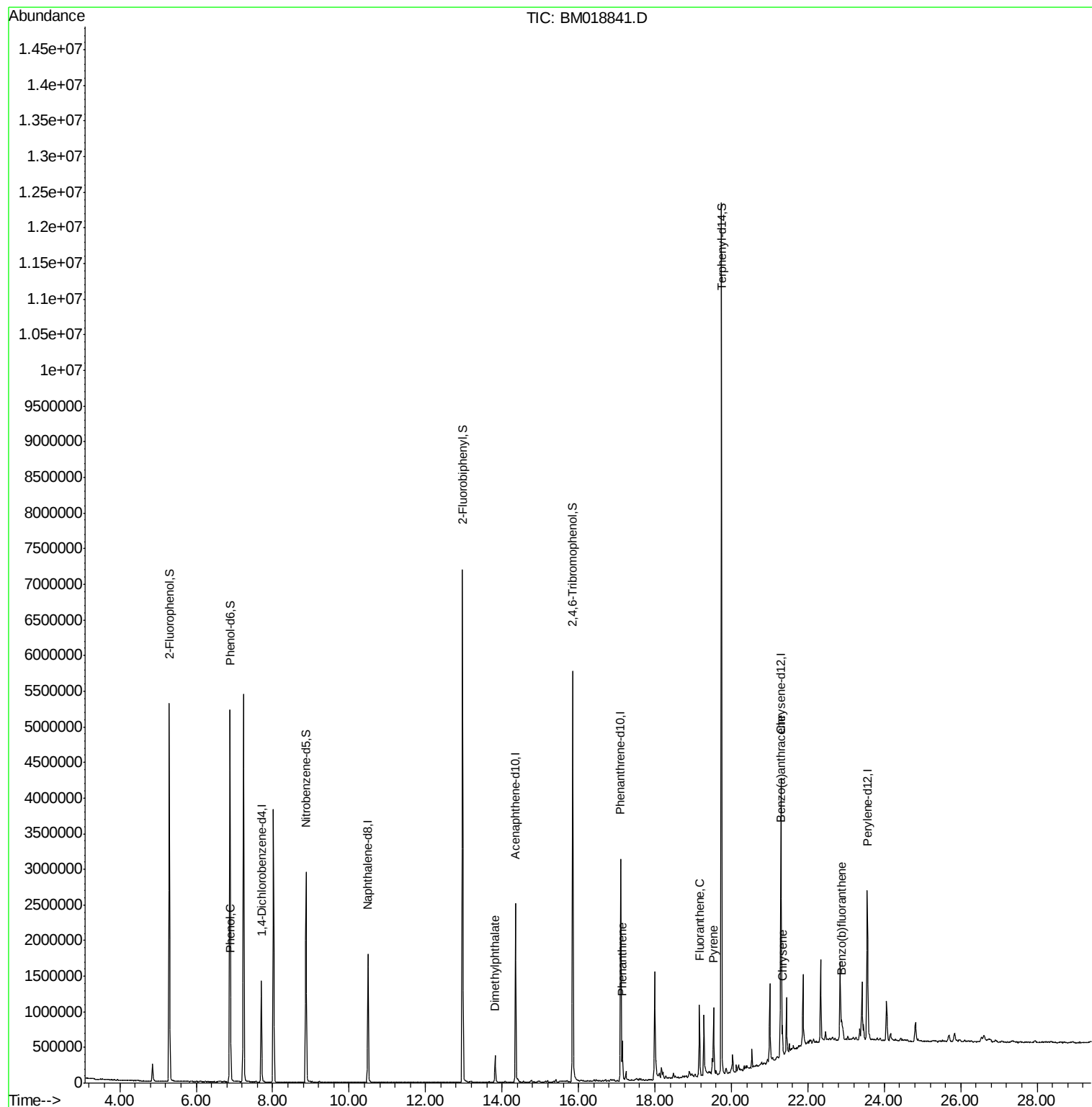
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021819\
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Misc :
ALS Vial : 9 Sample Multiplier: 1

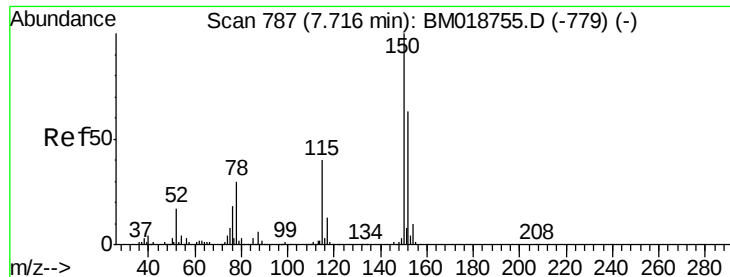
Instrument :
BNA_M
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-4

Quant Time: Feb 19 01:31:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
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#1

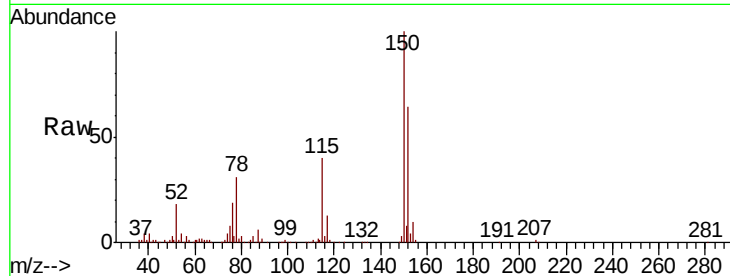
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BM018841.D
Acq: 18 Feb 2019 16:48

Instrument :
BNA_M
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	127.3	190.9
115	62.0	50.8	76.2

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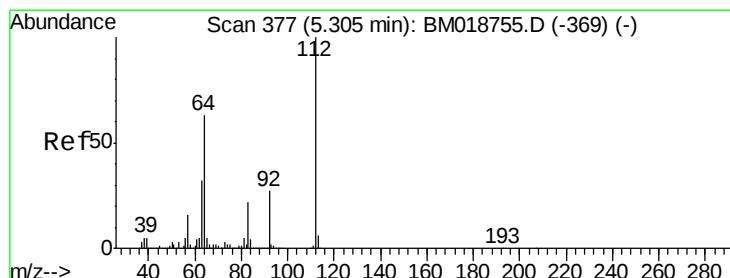
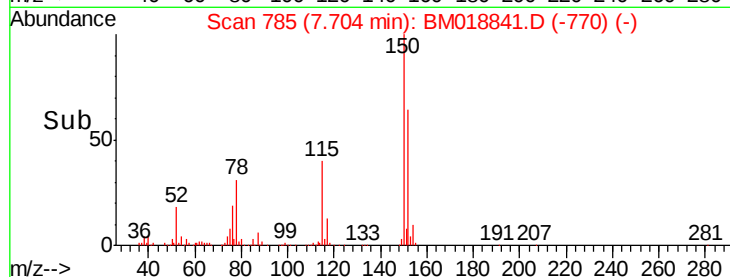
Abundance

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

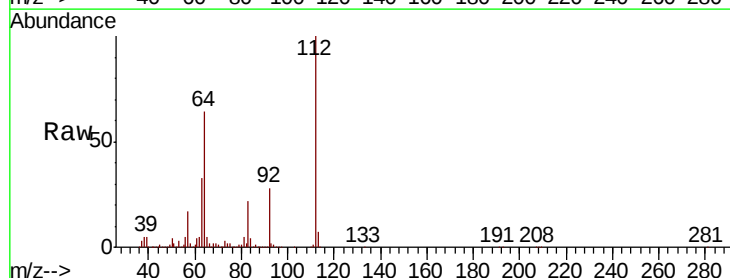
Time-->



#5

2-Fluorophenol
Concen: 95.238 ng
RT: 5.30 min Scan# 376
Delta R.T. -0.01 min
Lab File: BM018841.D
Acq: 18 Feb 2019 16:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.7	50.6	75.8
63	33.2	25.7	38.5



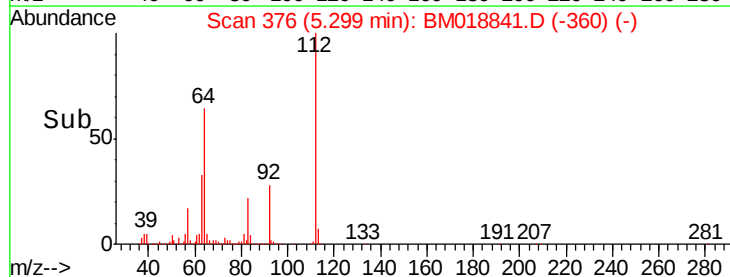
Abundance

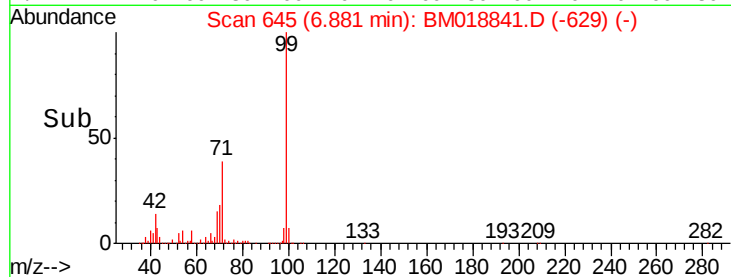
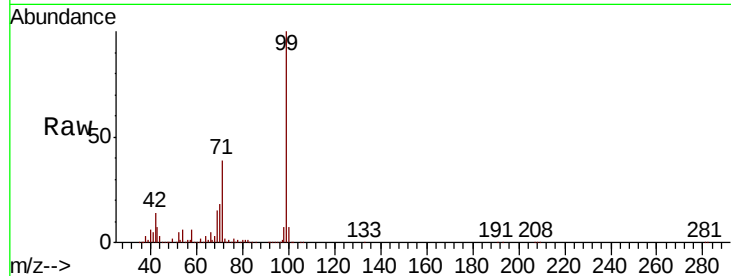
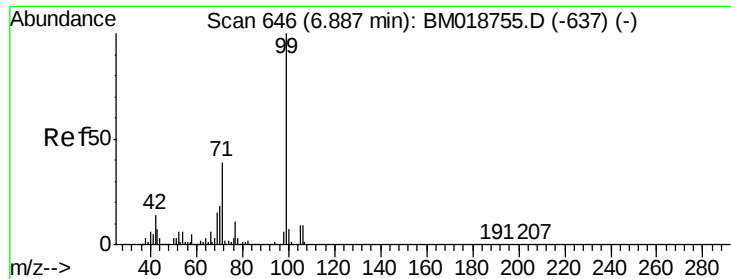
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0

Time-->





#7

Phenol-d6

Concen: 94.320 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM018841.D

Acq: 18 Feb 2019 16:48

Tot Ion:	99	Resp:	2889346
Ion	Ratio	Lower	Upper
99	100		
42	14.3	11.0	16.6
71	39.1	31.3	46.9

Instrument :

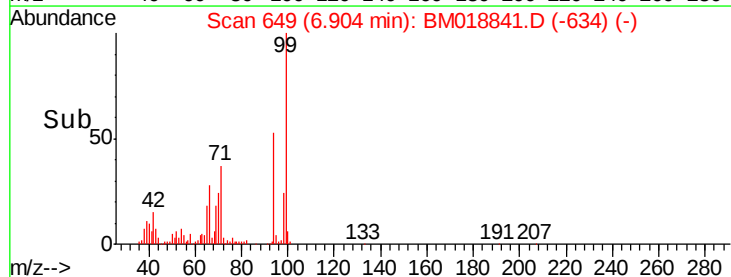
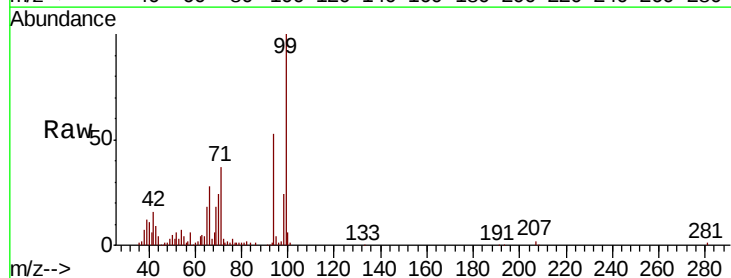
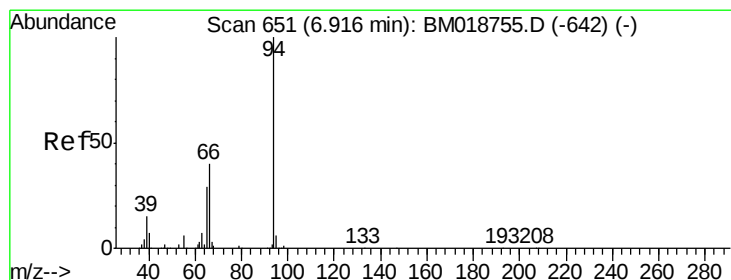
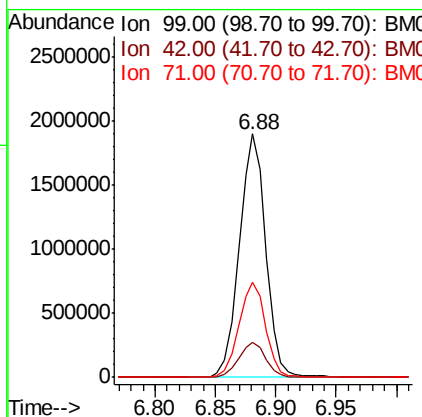
BNA_M

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-4

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#10

Phenol

Concen: 2.910 ng

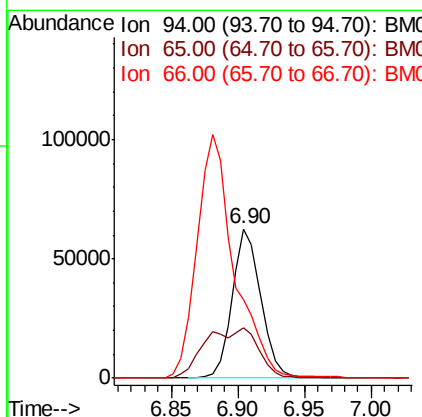
RT: 6.90 min Scan# 649

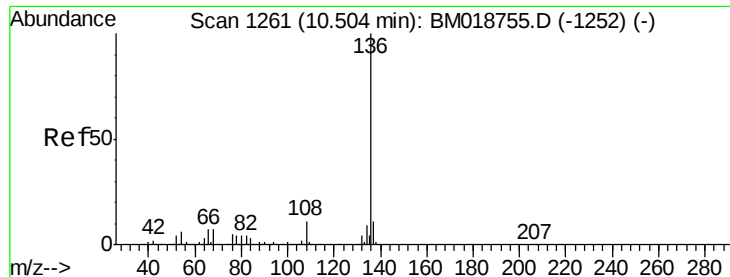
Delta R.T. -0.01 min

Lab File: BM018841.D

Acq: 18 Feb 2019 16:48

Tgt Ion:	94	Resp:	93792
Ion	Ratio	Lower	Upper
94	100		
65	33.7	9.6	49.6
66	52.6	20.4	60.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BM018841.D

Acq: 18 Feb 2019 16:48

Instrument :

BNA_M

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-4

Tot Ion:136 Resp: 1457900

Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

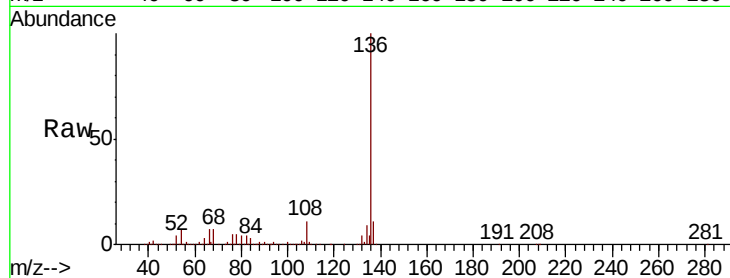
54 6.7 5.0 7.6

68 7.5 5.5 8.3

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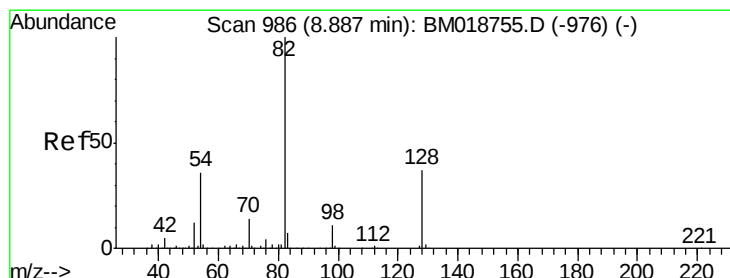
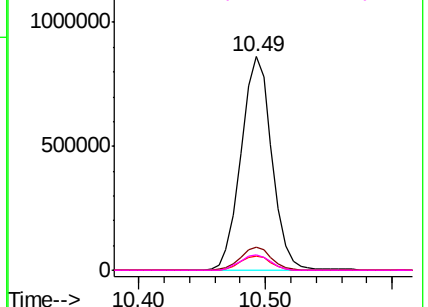
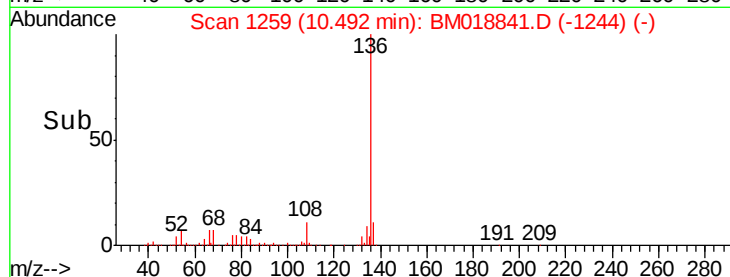


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 59.849 ng

RT: 8.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BM018841.D

Acq: 18 Feb 2019 16:48

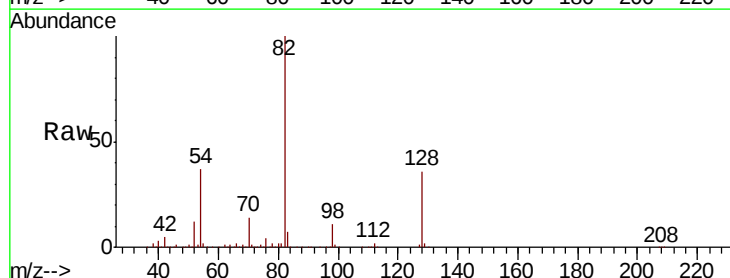
Tgt Ion: 82 Resp: 1887036

Ion Ratio Lower Upper

82 100

128 36.0 29.9 44.9

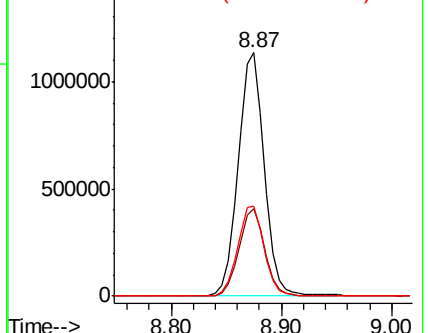
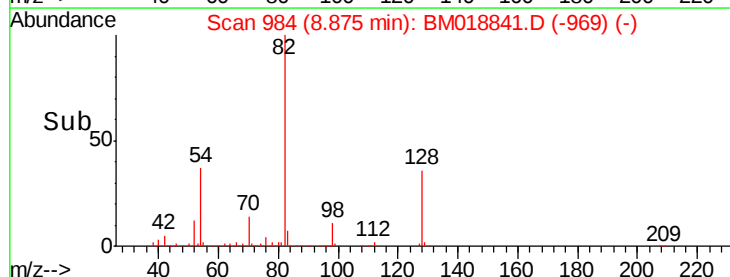
54 37.0 29.1 43.7

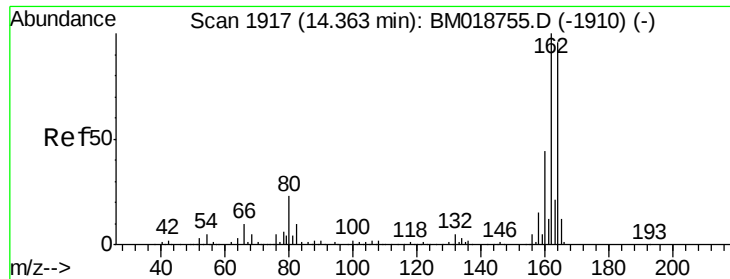


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





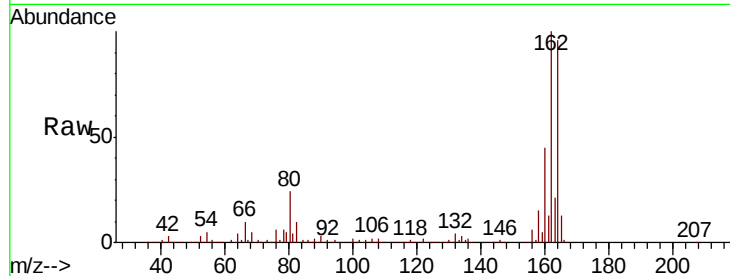
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BM018841.D
Acq: 18 Feb 2019 16:48

Instrument :
BNA_M
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-4

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.4	83.4	125.0	
160	46.7	36.6	55.0	

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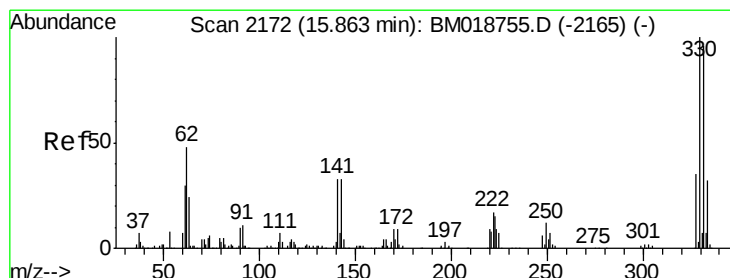
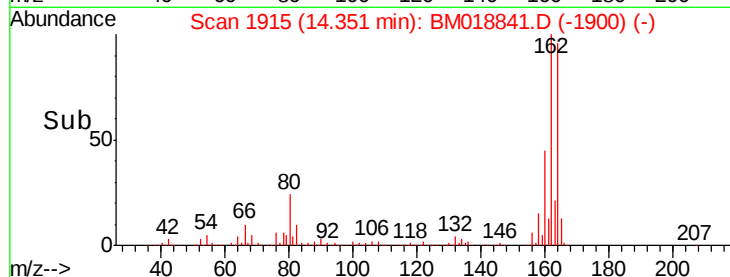
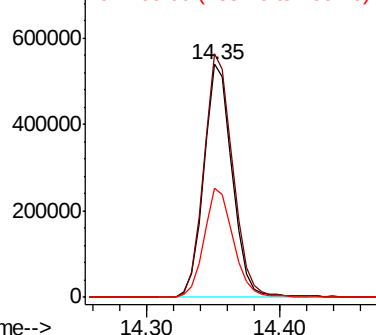


Abundance

Ion 164.00 (163.70 to 164.70): E

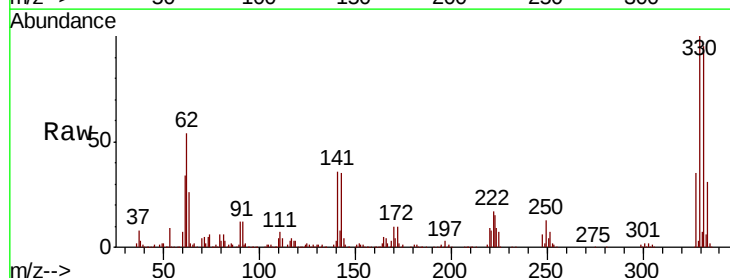
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 88.240 ng
RT: 15.85 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BM018841.D
Acq: 18 Feb 2019 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.5	76.9	115.3	
141	37.1	28.7	43.1	

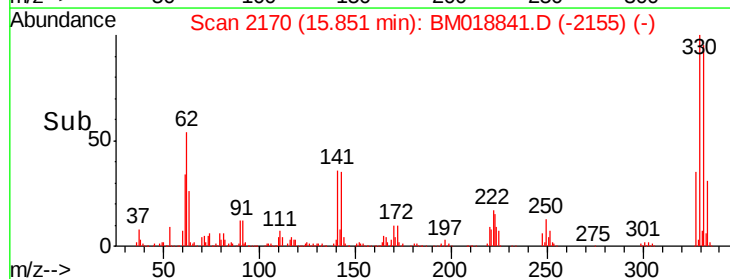
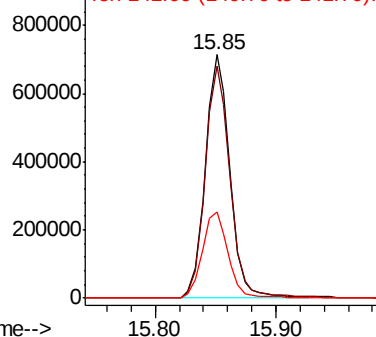


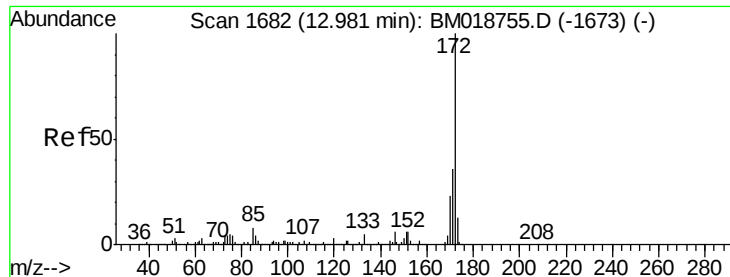
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





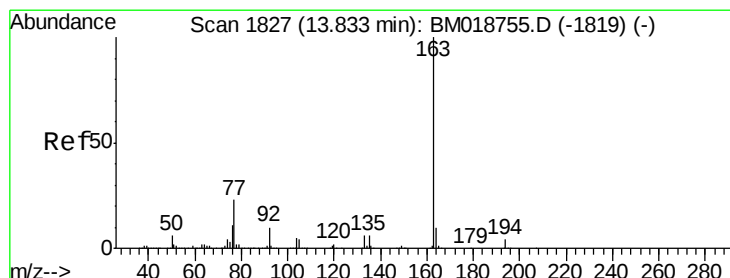
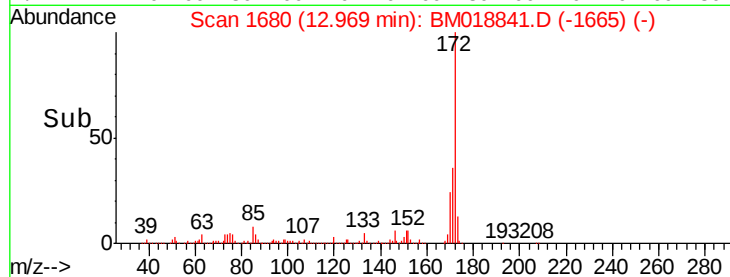
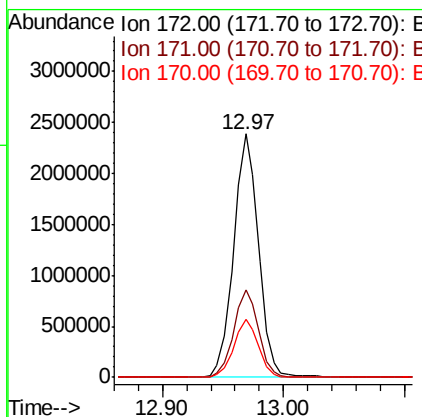
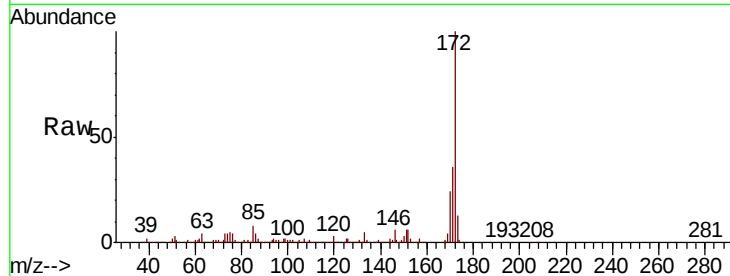
#45
2-Fluorobiphenyl
Concen: 56.899 ng
RT: 12.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BM018841.D
Acq: 18 Feb 2019 16:48

Instrument :
BNA_M
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-4

Tot Ion:172 Resp: 3428117
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.6
170 23.6 18.6 28.0

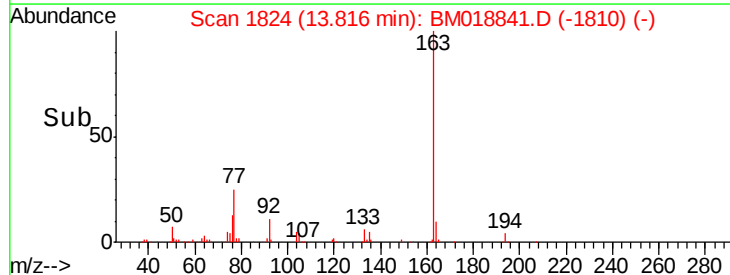
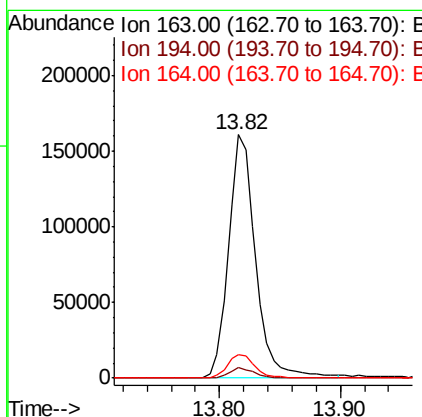
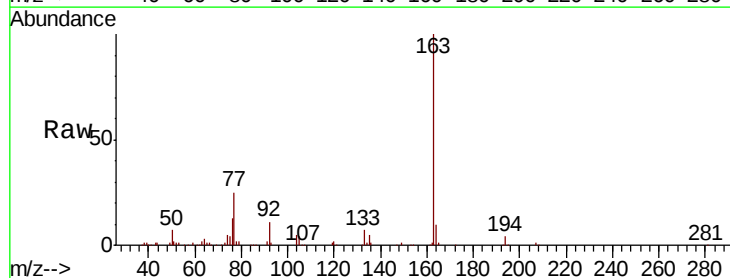
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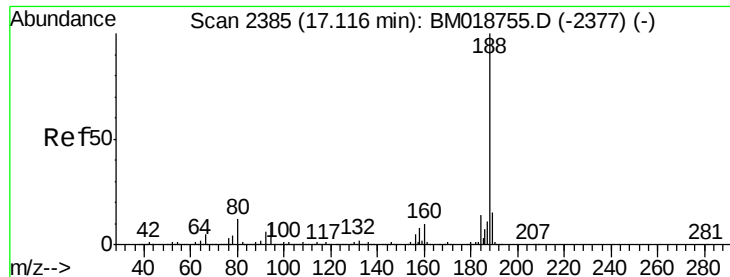
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#50
Dimethylphthalate
Concen: 3.759 ng
RT: 13.82 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BM018841.D
Acq: 18 Feb 2019 16:48

Tgt Ion:163 Resp: 250563
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 9.7 7.8 11.8





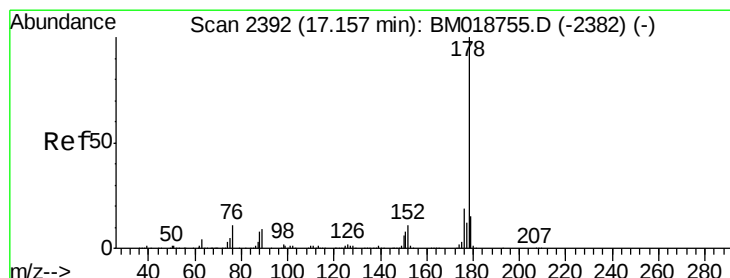
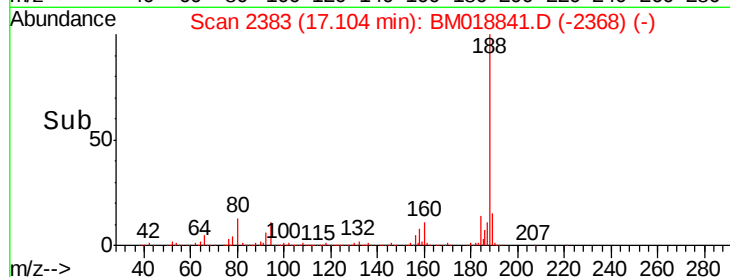
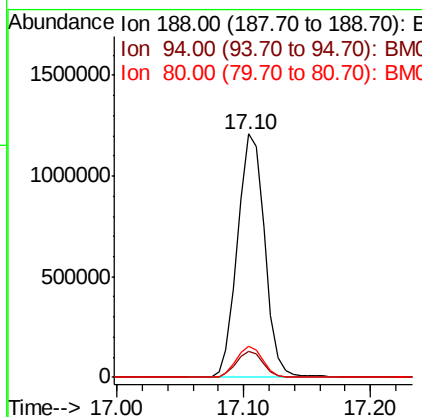
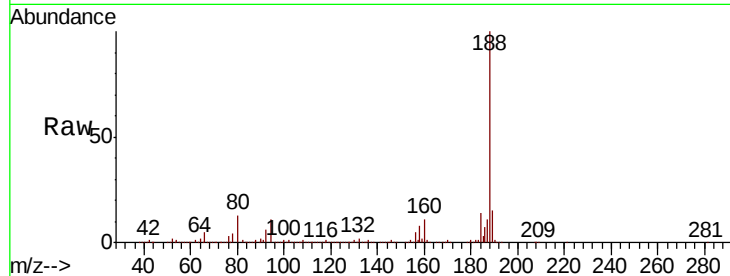
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM018841.D
Acq: 18 Feb 2019 16:48

Instrument :
BNA_M
ClientSampleId :
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Tot Ion:188 Resp: 1792604
Ion Ratio Lower Upper
188 100
94 10.5 8.2 12.2
80 12.8 9.7 14.5

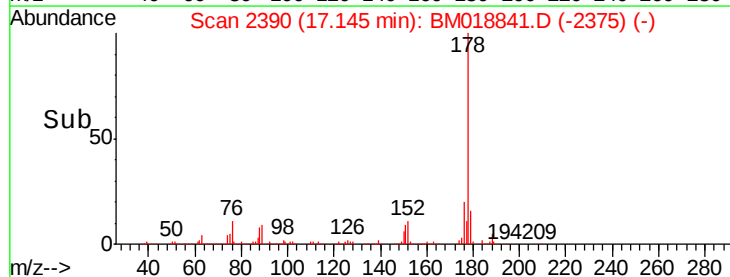
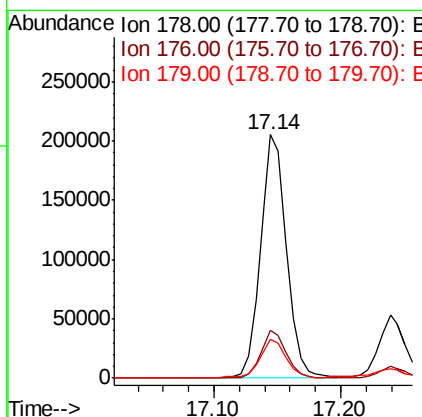
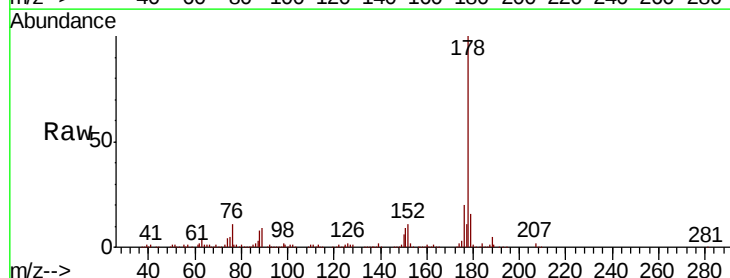
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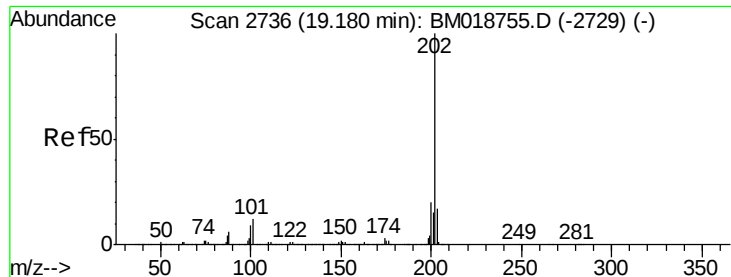
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#71
Phenanthrene
Concen: 3.045 ng
RT: 17.14 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BM018841.D
Acq: 18 Feb 2019 16:48

Tgt Ion:178 Resp: 293339
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 16.0 12.3 18.5





#75

Fluoranthene

Concen: 4.695 ng

RT: 19.17 min Scan# 2734

Delta R.T. -0.01 min

Lab File: BM018841.D

Acq: 18 Feb 2019 16:48

Instrument :

BNA_M

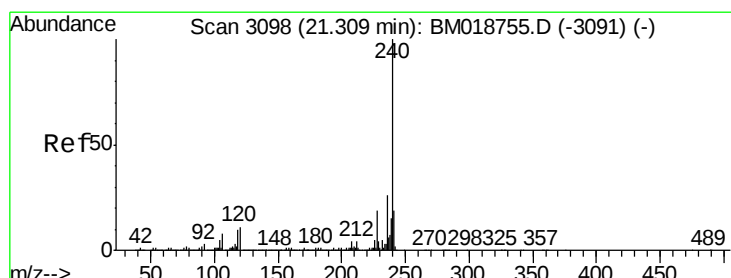
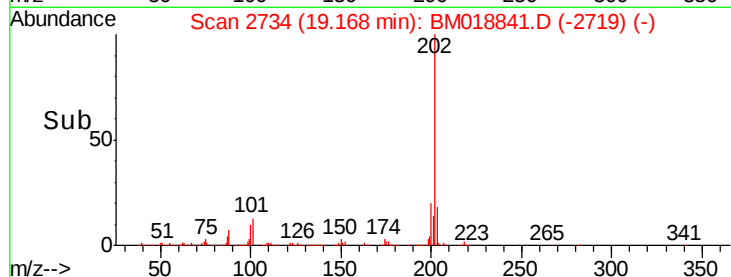
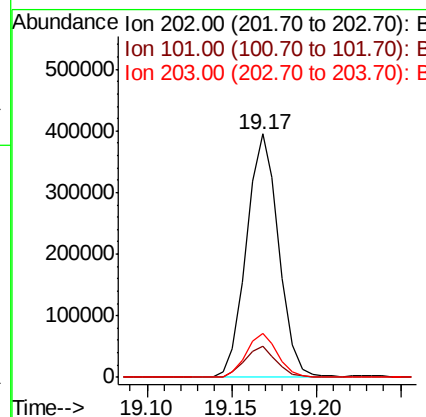
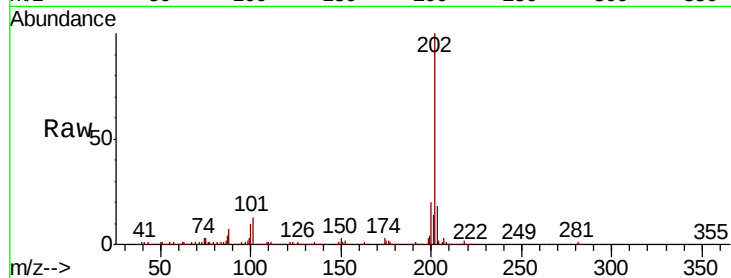
ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-4

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.6	0.0	31.5
203	18.1	0.0	37.3

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

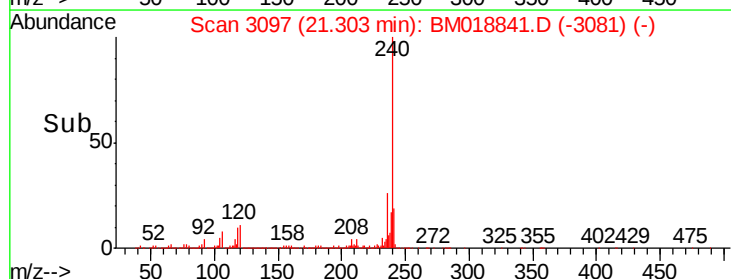
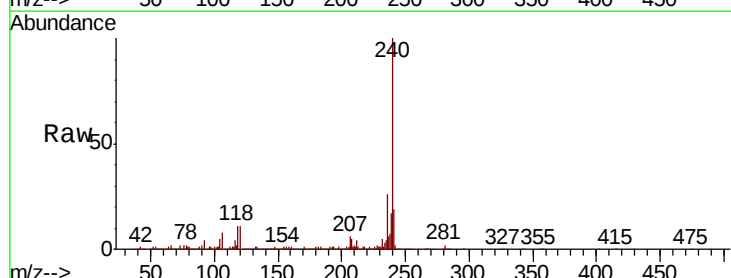
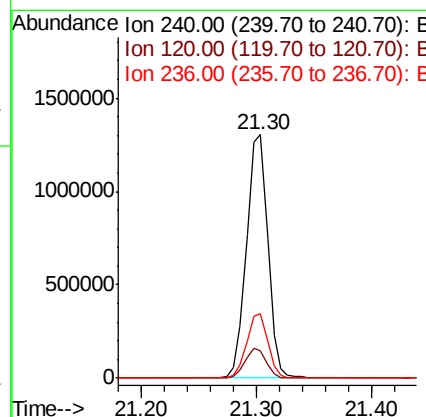
RT: 21.30 min Scan# 3097

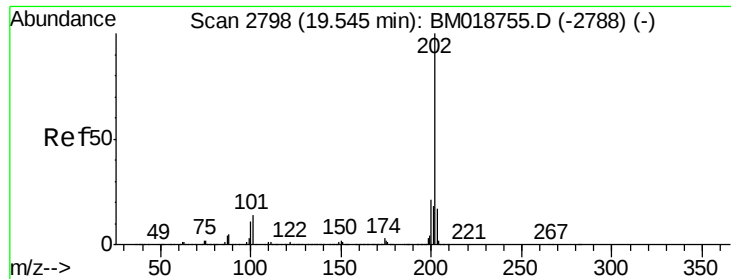
Delta R.T. -0.01 min

Lab File: BM018841.D

Acq: 18 Feb 2019 16:48

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.1	8.9	13.3
236	26.2	20.9	31.3





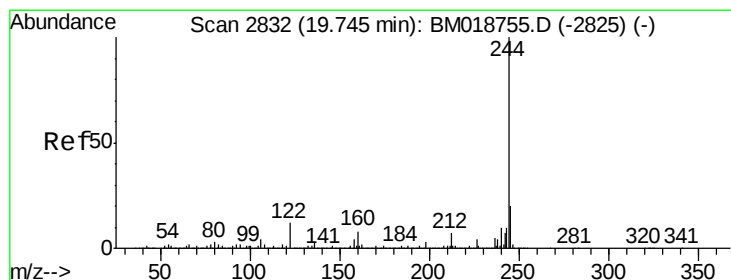
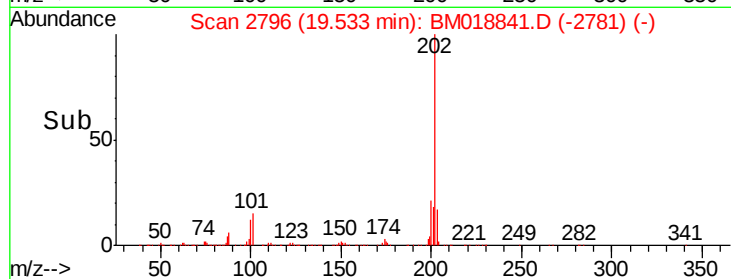
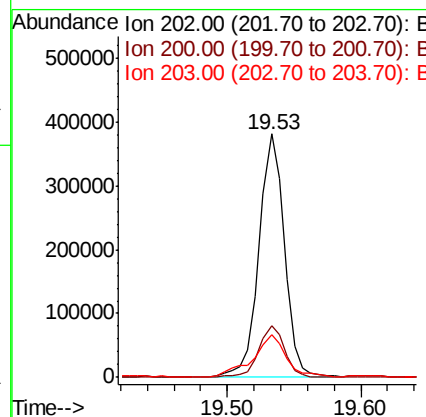
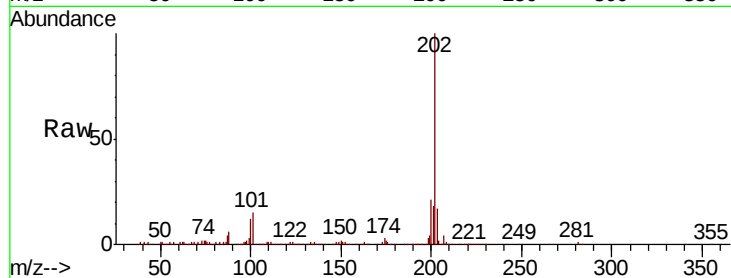
#78
Pvrene
Concen: 5.129 ng
RT: 19.53 min Scan# 2796
Delta R.T. -0.01 min
Lab File: BM018841.D
Acq: 18 Feb 2019 16:48

Instrument :
BNA_M
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-4

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.5	13.8	20.8

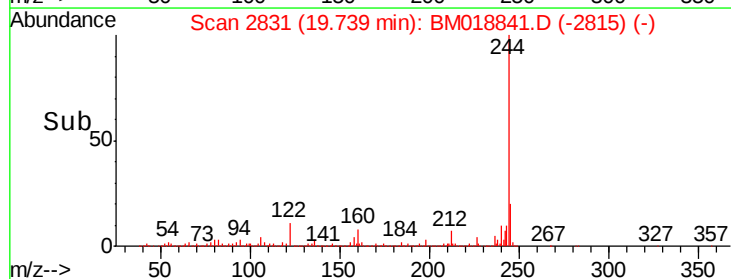
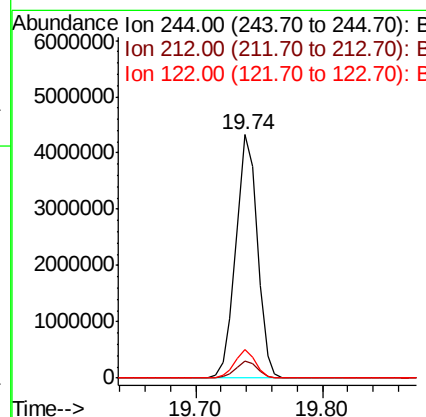
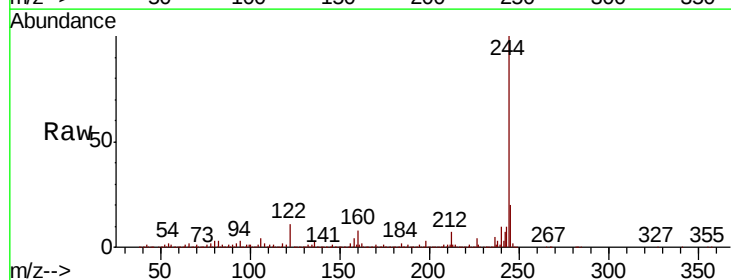
Manual Integrations
APPROVED

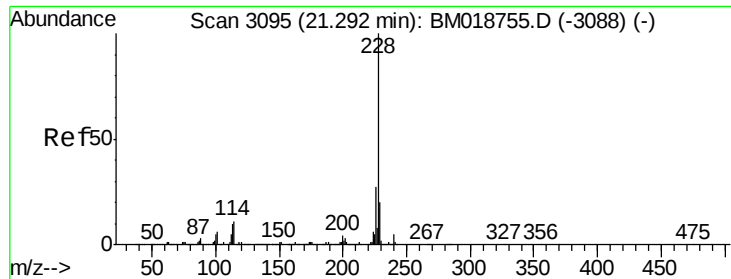
Sohil
2/19/2019 10:03:08 AM



#79
Terphenyl-d14
Concen: 61.926 ng
RT: 19.74 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BM018841.D
Acq: 18 Feb 2019 16:48

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	5.6	8.4
122	11.5	9.3	13.9





#81

Benzo(a)anthracene

Concen: 2.539 ng

RT: 21.29 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM018841.D

Acq: 18 Feb 2019 16:48

Instrument :

BNA_M

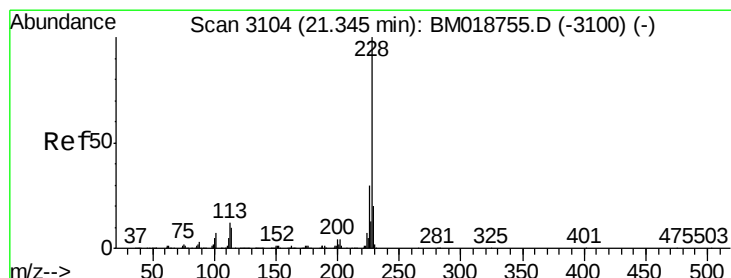
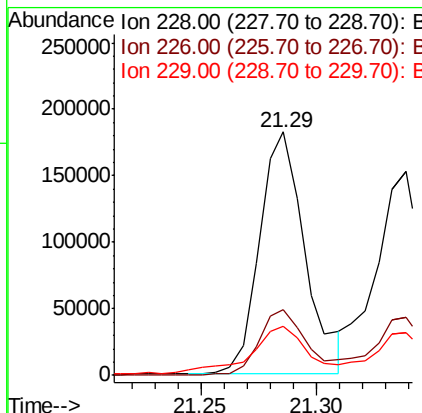
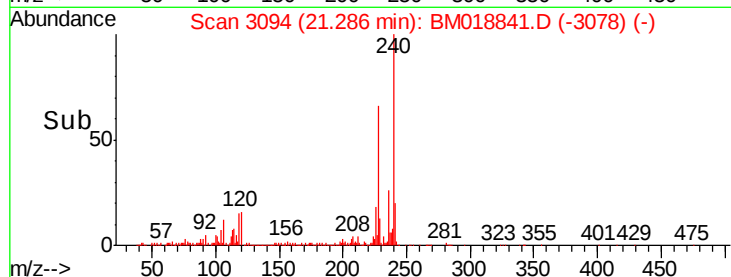
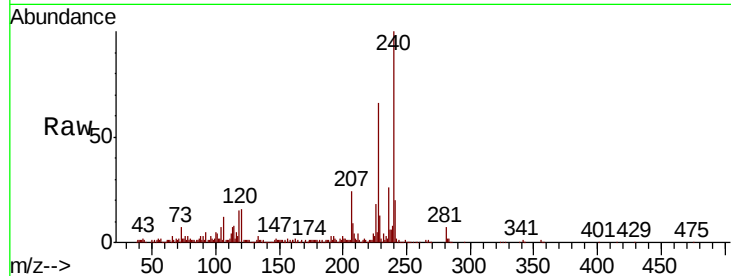
ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-4

Tot Ion:	228	Resp:	248341
Ion Ratio	Lower	Upper	
228	100		
226	27.1	21.9	32.9
229	20.2	15.9	23.9

Manual Integrations
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Sohil
2/19/2019 10:03:08 AM



#83

Chrysene

Concen: 2.304 ng

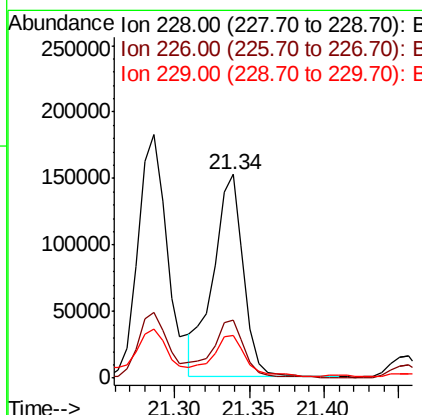
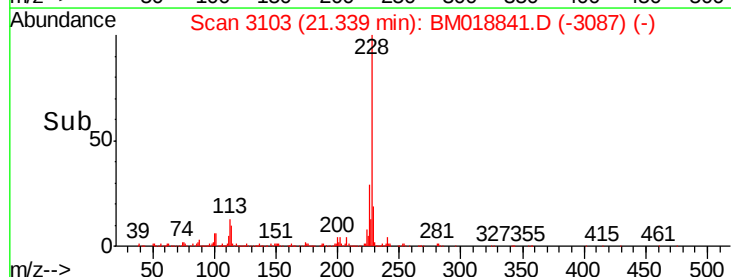
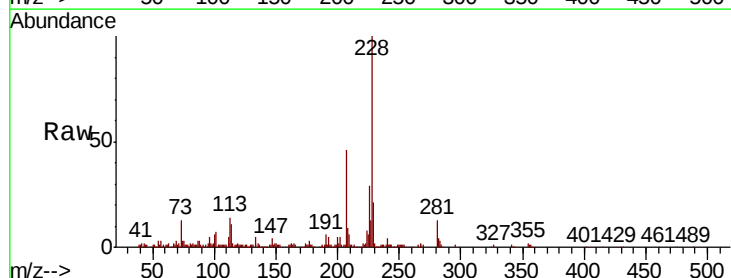
RT: 21.34 min Scan# 3103

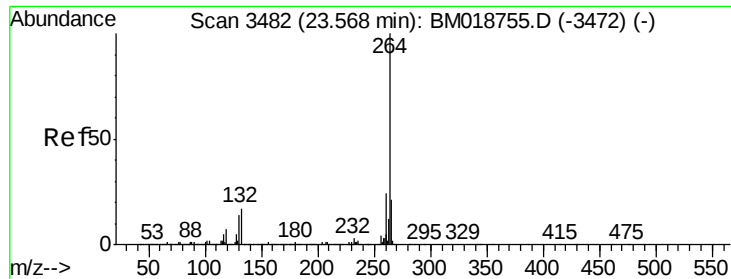
Delta R.T. -0.01 min

Lab File: BM018841.D

Acq: 18 Feb 2019 16:48

Tgt Ion:	228	Resp:	216020
Ion Ratio	Lower	Upper	
228	100		
226	28.8	24.1	36.1
229	21.1	16.0	24.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.56 min Scan# 3480

Delta R.T. -0.01 min

Lab File: BM018841.D

Acq: 18 Feb 2019 16:48

Instrument :

BNA_M

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-4

Tot Ion:264 Resp: 1417442

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

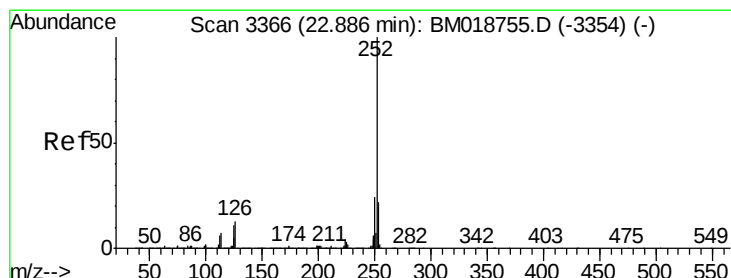
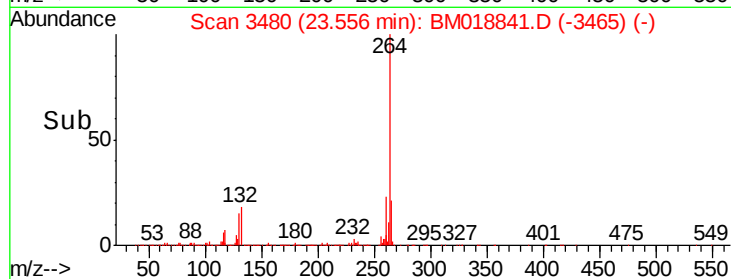
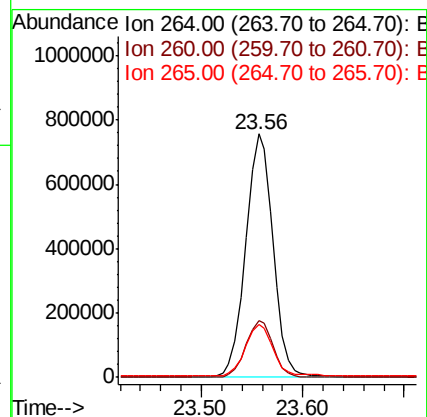
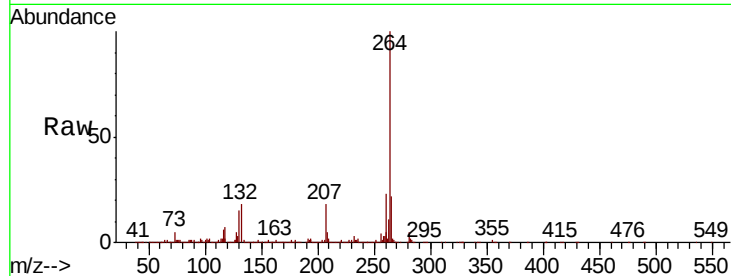
265 21.9 17.3 25.9

Manual Integrations

APPROVED

Sohil

2/19/2019 10:03:08 AM



#88

Benzo(b)fluoranthene

Concen: 2.918 ng m

RT: 22.87 min Scan# 3364

Delta R.T. -0.01 min

Lab File: BM018841.D

Acq: 18 Feb 2019 16:48

Tgt Ion:252 Resp: 236654

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 13.2 8.6 12.8#

