

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021319\
 Data File : BM018811.D
 Acq On : 13 Feb 2019 20:48
 Operator : JU/SJ
 Sample : K1457-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 IDW-LIQUID-01

Manual Integrations
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Sohil
 2/14/2019 1:50:33 PM

Quant Time: Feb 14 03:40:03 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	7.71	152	299366	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1254909	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	705512	20.00	ng	0.00
64) Phenanthrene-d10	17.11	188	1610668	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1693744	20.00	ng	0.00
87) Perylene-d12	23.56	264	1600092	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2522018	138.03	ng	0.00
7) Phenol-d6	6.89	99	3129456	121.58	ng	0.00
23) Nitrobenzene-d5	8.88	82	2550256	93.97	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	1480895	145.62	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	4860579	91.46	ng	0.00
79) Terphenyl-d14	19.74	244	8431210	102.69	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	8.48	107	65607	2.756	ng	93
31) Naphthalene	10.55	128	891253	14.562	ng	99
32) Benzoic acid	9.77	122	83843m	5.866	ng	
37) 2-Methylnaphthalene	12.16	142	172962	4.014	ng	99

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

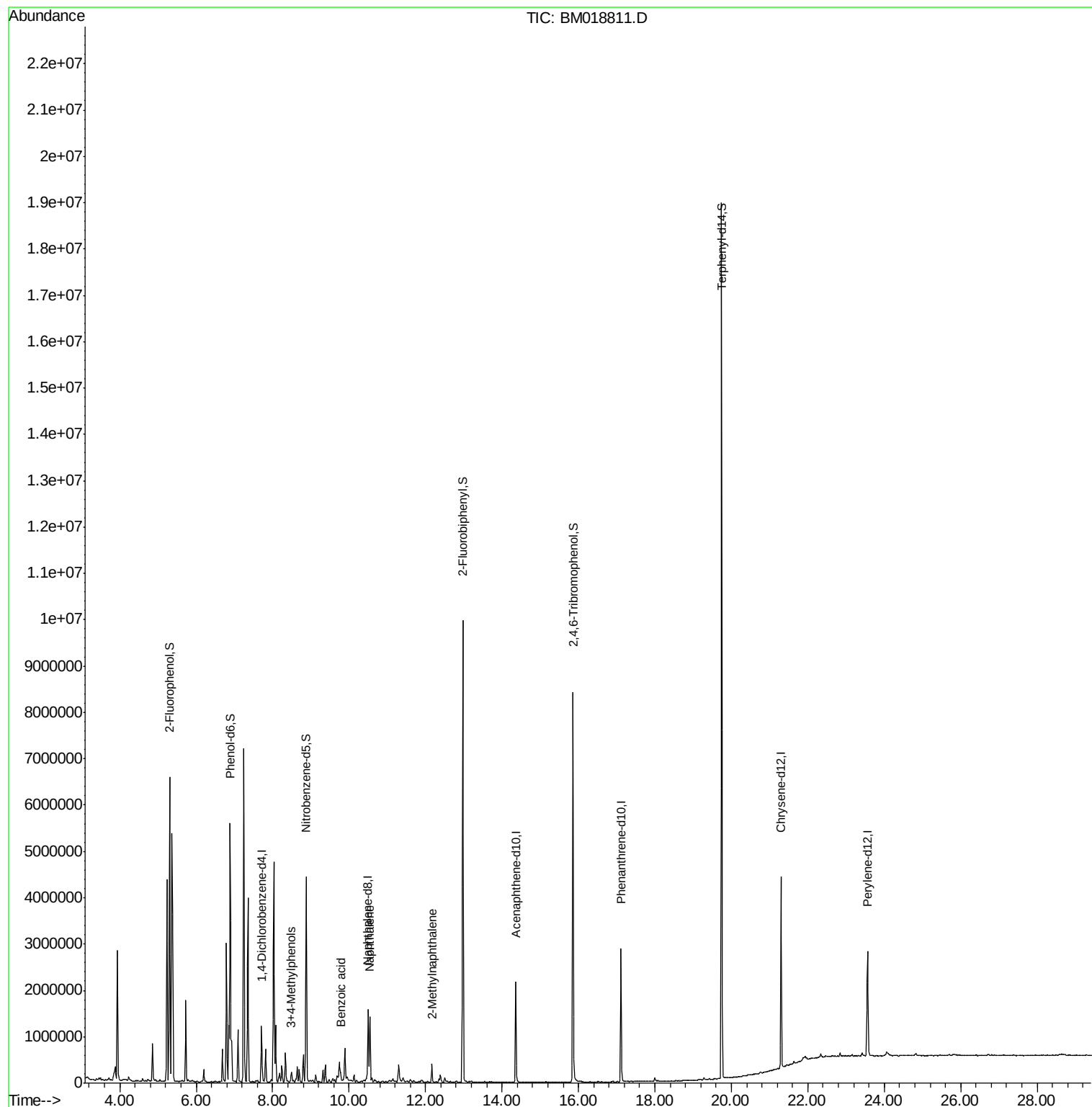
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021319\
Data File : BM018811.D
Acq On : 13 Feb 2019 20:48
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Misc :
ALS Vial : 10 Sample Multiplier: 1

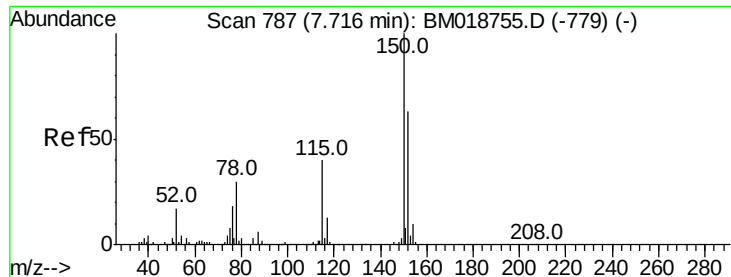
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
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#1

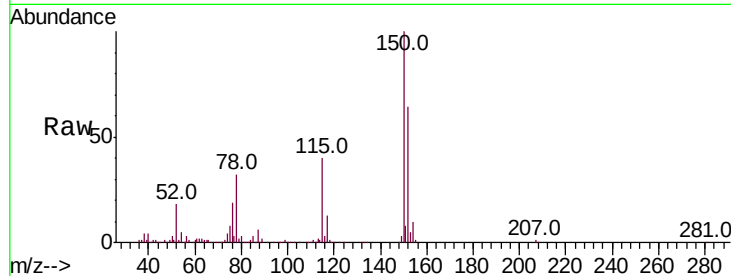
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM018811.D
Acq: 13 Feb 2019 20:48

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	127.3	190.9
115	63.4	50.8	76.2

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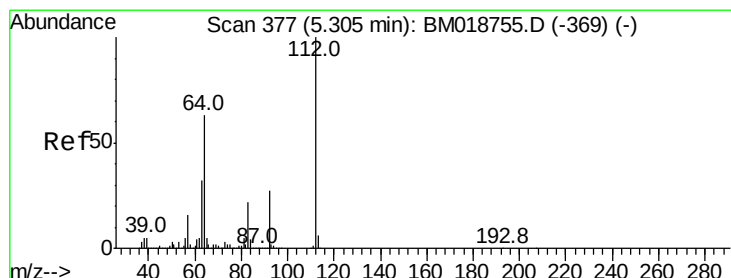
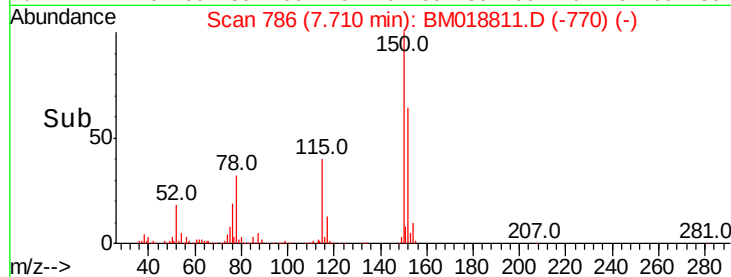
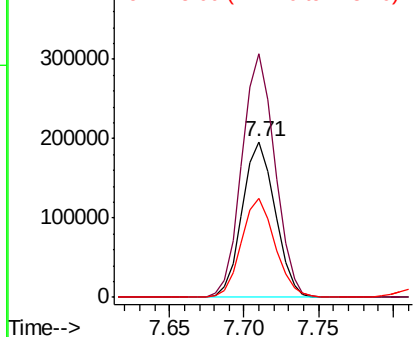


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

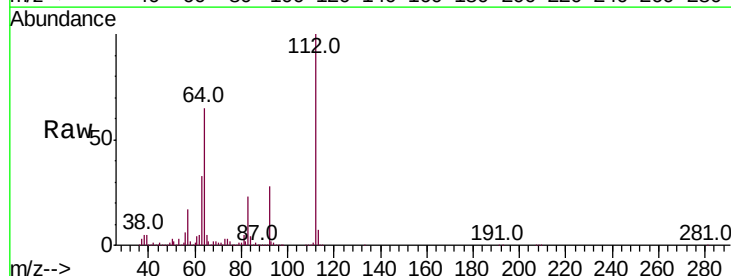
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 138.034 ng
RT: 5.30 min Scan# 377
Delta R.T. -0.00 min
Lab File: BM018811.D
Acq: 13 Feb 2019 20:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.5	50.6	75.8
63	33.1	25.7	38.5

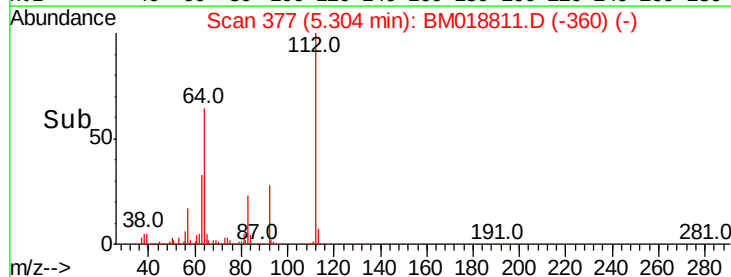
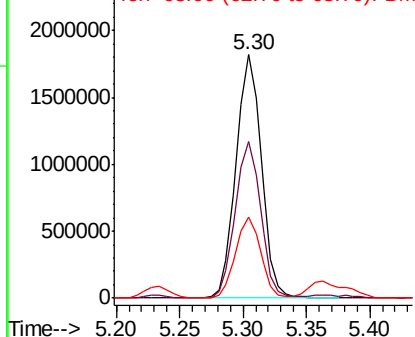


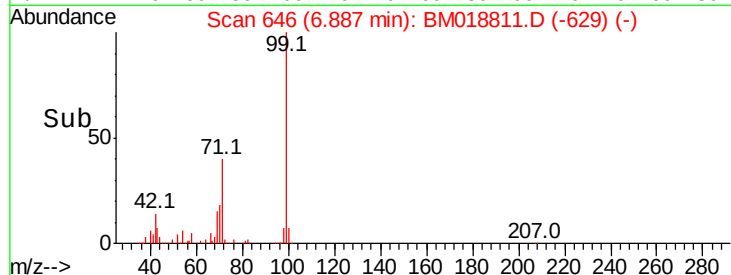
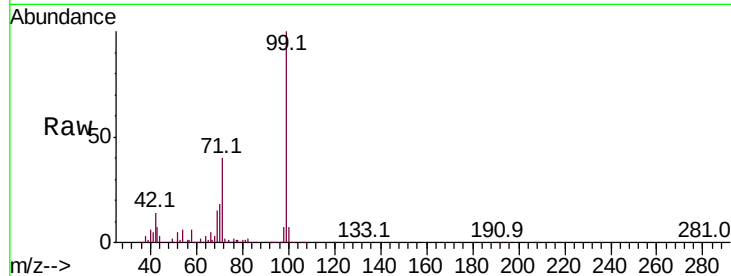
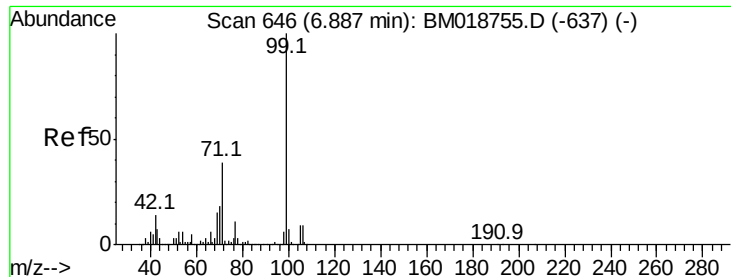
Abundance

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





#7

Phenol-d6

Concen: 121.582 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM018811.D

Acq: 13 Feb 2019 20:48

Tot Ion:	99	Resp:	3129456
Ion	Ratio	Lower	Upper
99	100		
42	14.4	11.0	16.6
71	40.3	31.3	46.9

Instrument :

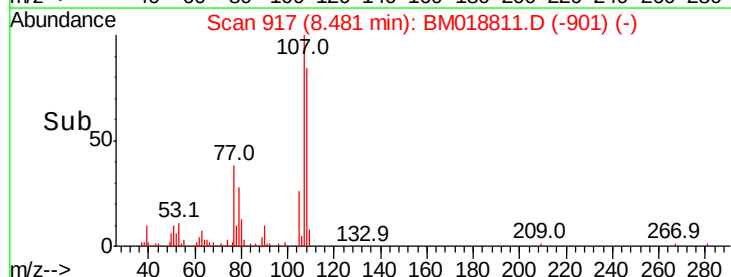
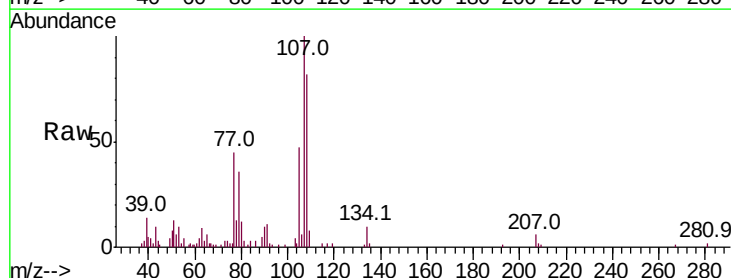
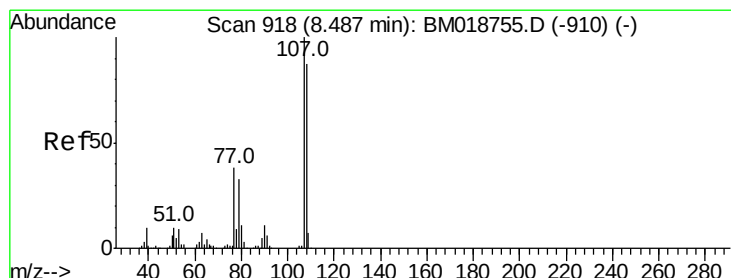
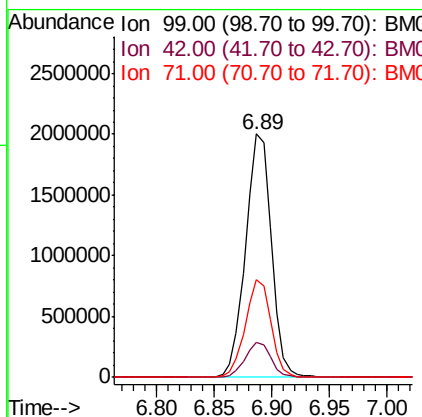
BNA_M

ClientSampleId :

IDW-LIQUID-01

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#20

3+4-Methylphenols

Concen: 2.756 ng

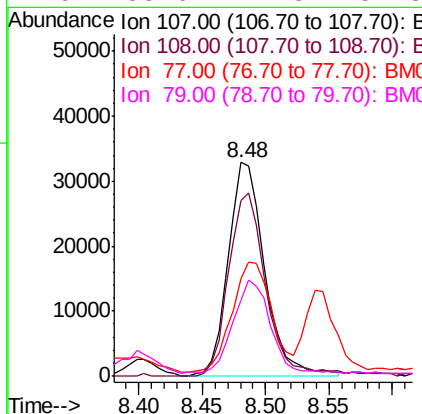
RT: 8.48 min Scan# 917

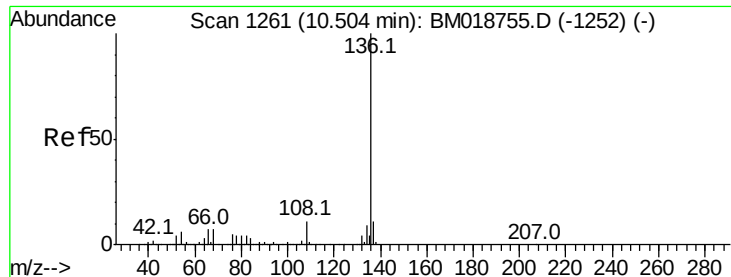
Delta R.T. -0.01 min

Lab File: BM018811.D

Acq: 13 Feb 2019 20:48

Tgt Ion:	107	Resp:	65607
Ion	Ratio	Lower	Upper
107	100		
108	81.8	67.3	107.3
77	45.3	18.0	58.0
79	35.6	12.8	52.8





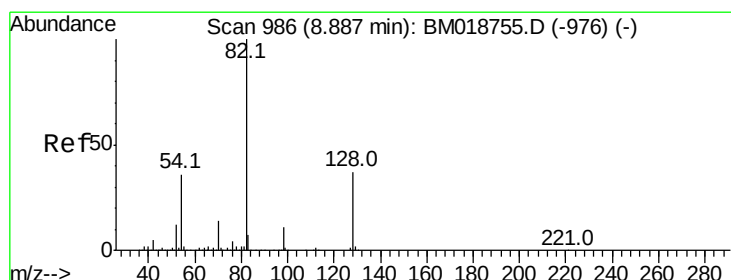
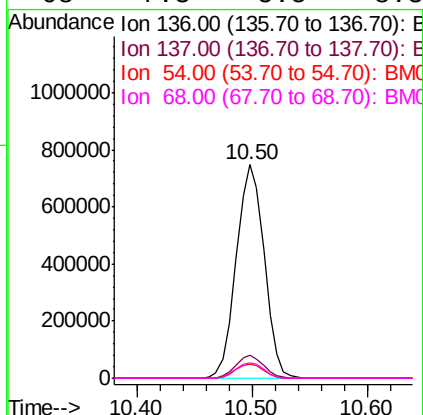
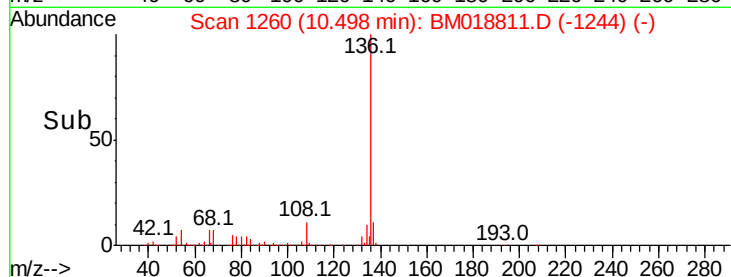
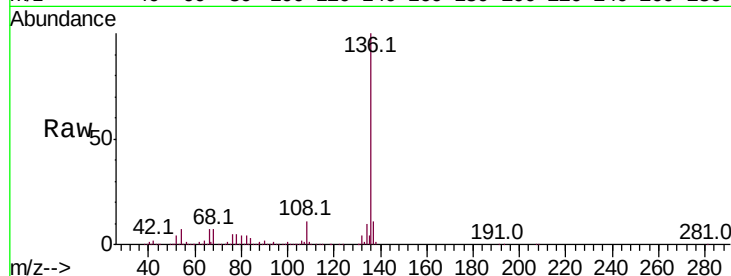
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BM018811.D
Acq: 13 Feb 2019 20:48

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01

Tot Ion	136	Resp	1254909
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.8	5.0	7.6
68	7.3	5.5	8.3

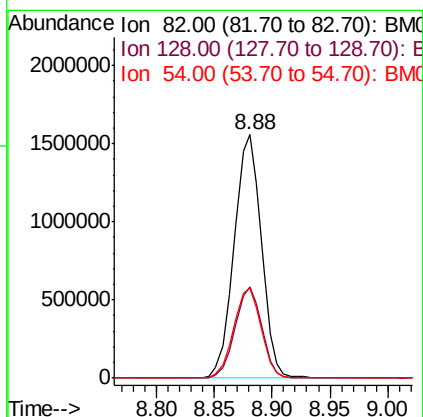
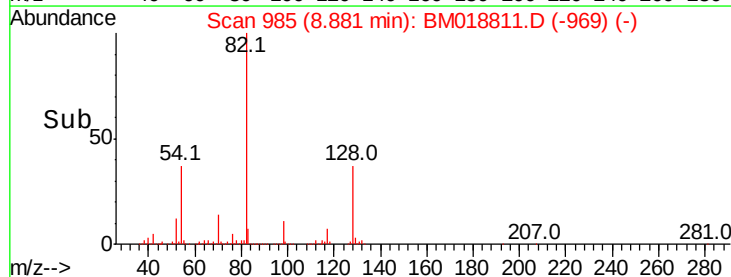
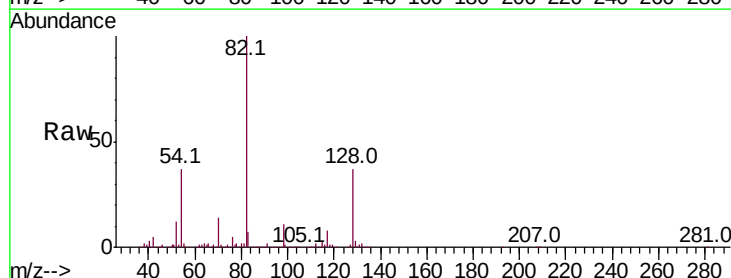
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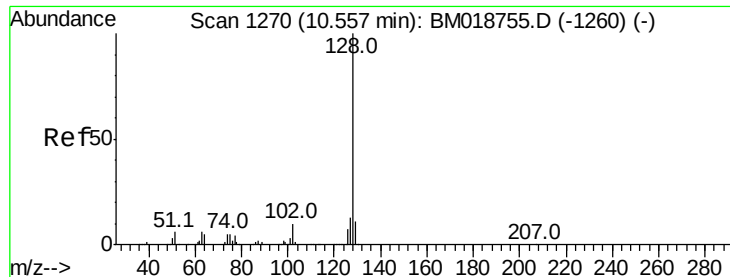
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#23
Nitrobenzene-d5
Concen: 93.967 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BM018811.D
Acq: 13 Feb 2019 20:48

Tgt Ion	82	Resp	2550256
Ion	Ratio	Lower	Upper
82	100		
128	37.3	29.9	44.9
54	36.8	29.1	43.7





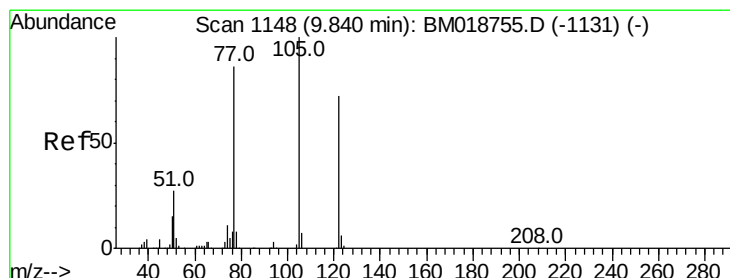
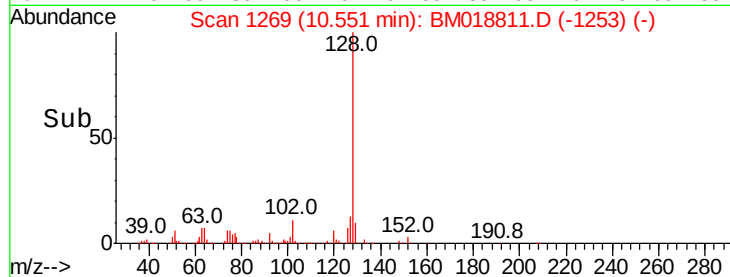
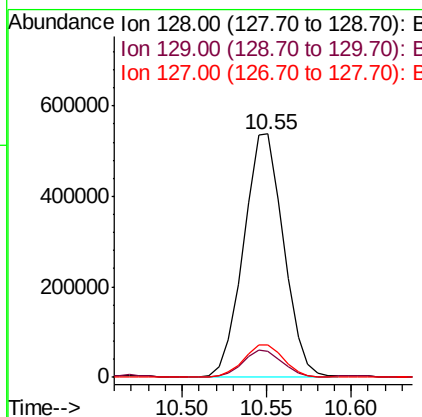
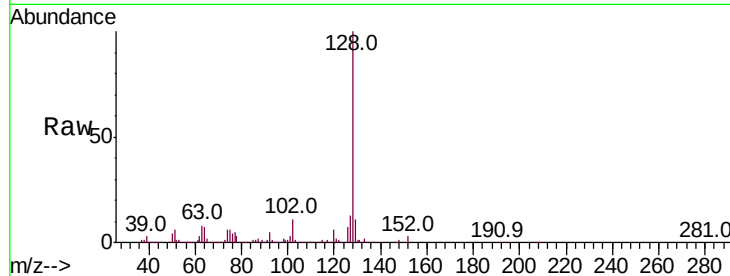
#31
Naphthalene
Concen: 14.562 ng
RT: 10.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BM018811.D
Acq: 13 Feb 2019 20:48

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	10.9	9.0	13.4
127	13.2	10.7	16.1

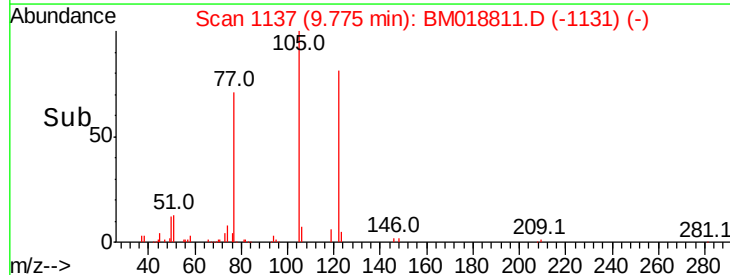
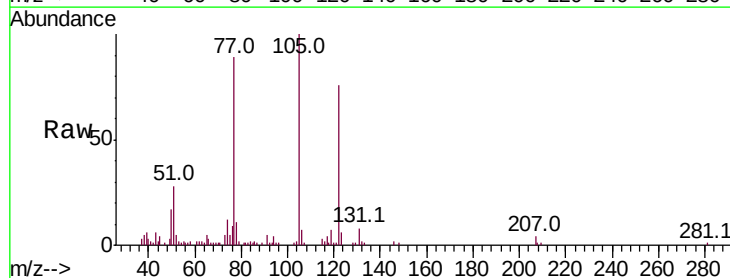
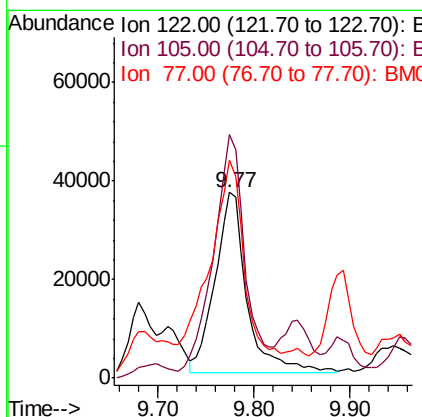
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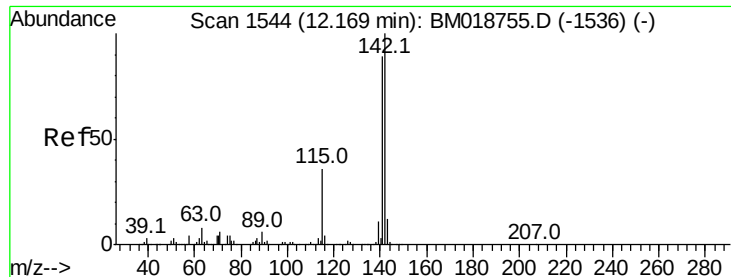
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#32
Benzoic acid
Concen: 5.866 ng m
RT: 9.77 min Scan# 1137
Delta R.T. -0.07 min
Lab File: BM018811.D
Acq: 13 Feb 2019 20:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	131.2	117.5	157.5
77	117.4	98.5	138.5





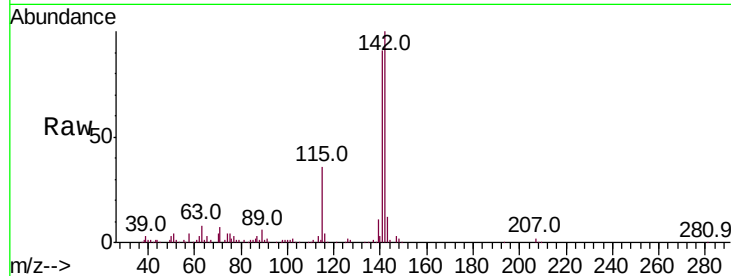
#37
2-Methylnaphthalene
Concen: 4.014 ng
RT: 12.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BM018811.D
Acq: 13 Feb 2019 20:48

Instrument :
BNA_M
ClientSampled :
IDW-LIQUID-01

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.2	106.8
115	36.3	29.1	43.7

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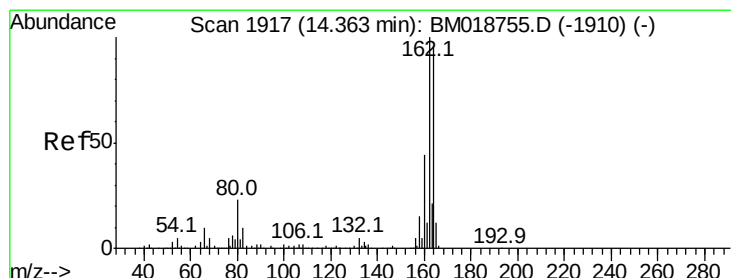
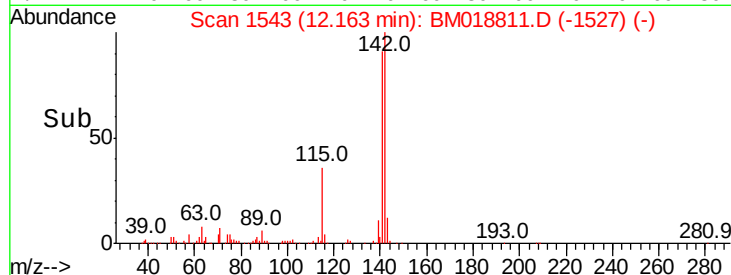
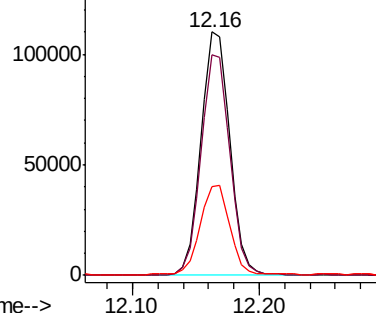


Abundance

Ion 142.00 (141.70 to 142.70): E

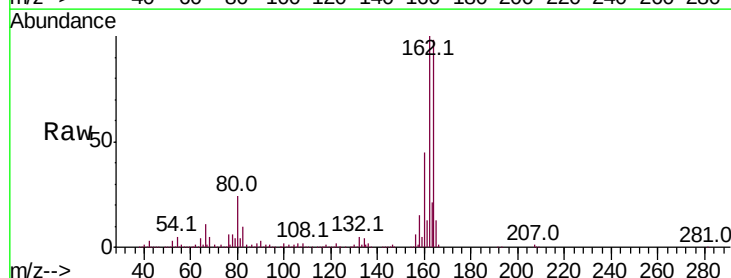
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.36 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BM018811.D
Acq: 13 Feb 2019 20:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.4	125.0
160	45.8	36.6	55.0

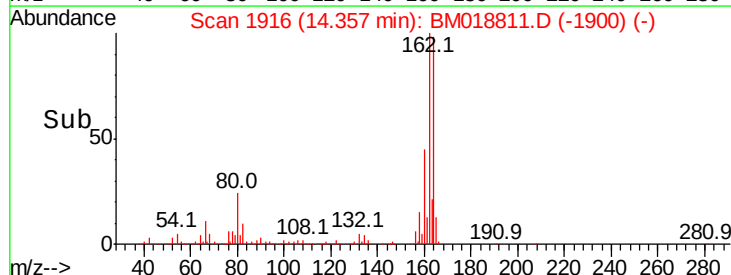
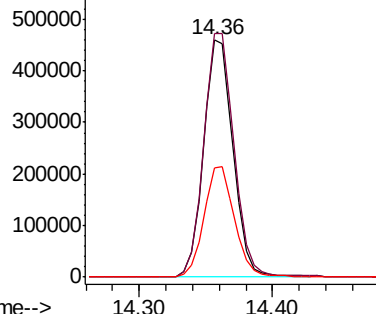


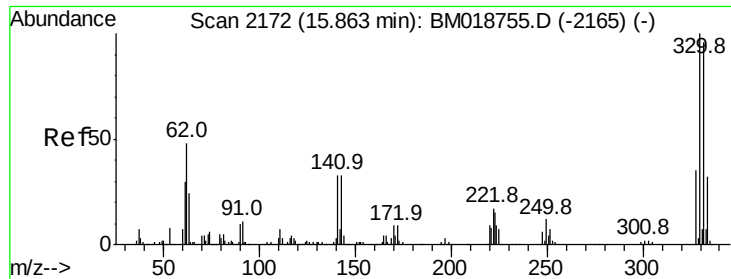
Abundance

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





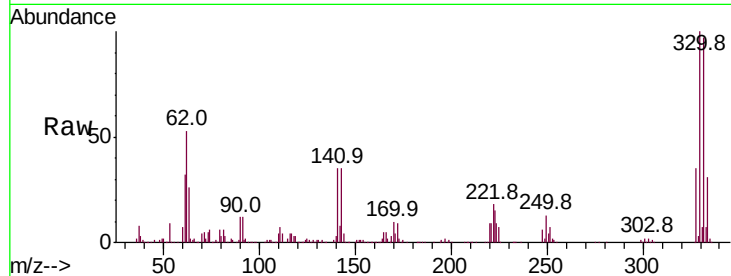
#42
 2,4,6-Tribromophenol
 Concen: 145.617 ng
 RT: 15.86 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BM018811.D
 Acq: 13 Feb 2019 20:48

Instrument :
 BNA_M
 ClientSampled :
 IDW-LIQUID-01

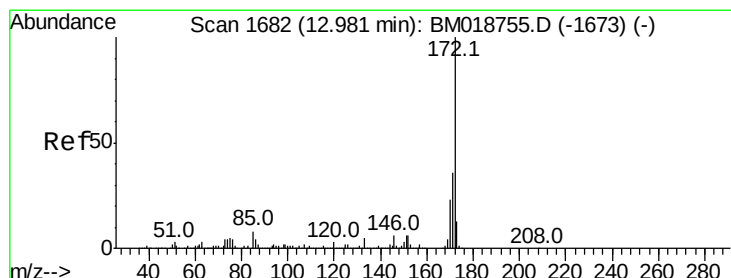
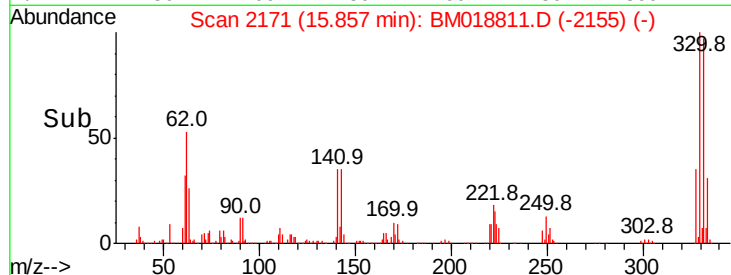
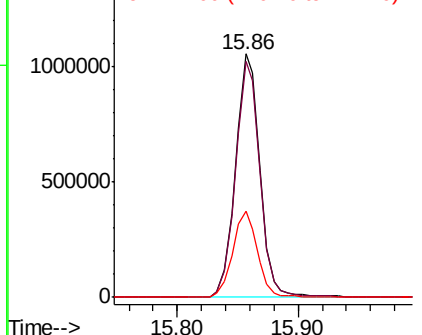
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.9	115.3
141	36.2	28.7	43.1

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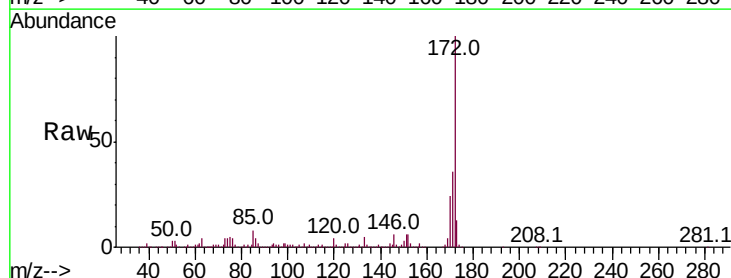


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

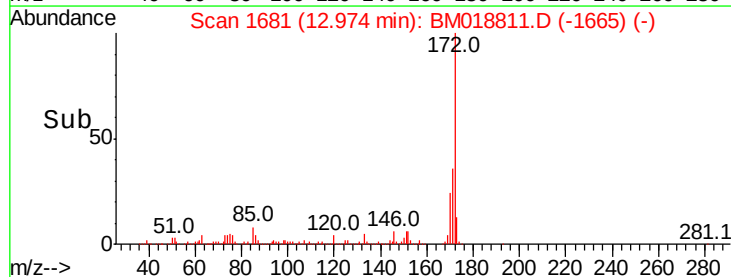
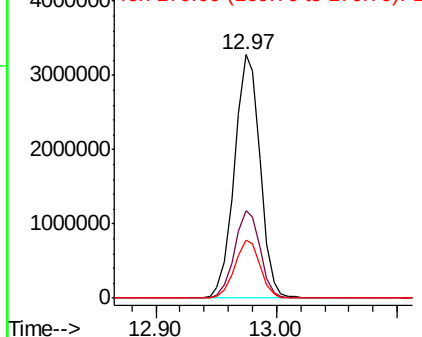


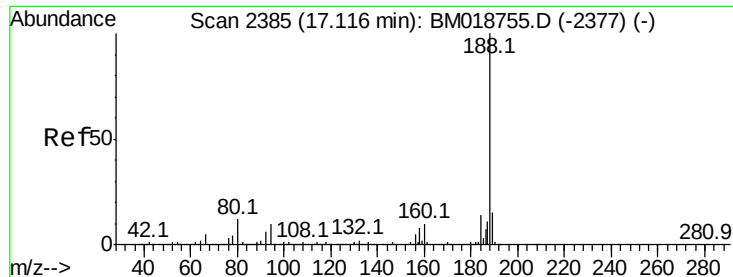
#45
 2-Fluorobiphenyl
 Concen: 91.456 ng
 RT: 12.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BM018811.D
 Acq: 13 Feb 2019 20:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.0	18.6	28.0



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.11 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM018811.D

Acq: 13 Feb 2019 20:48

Instrument :

BNA_M

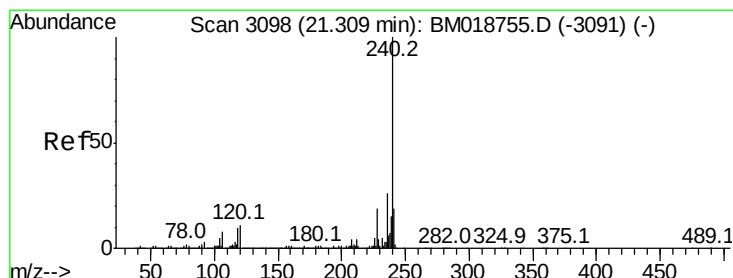
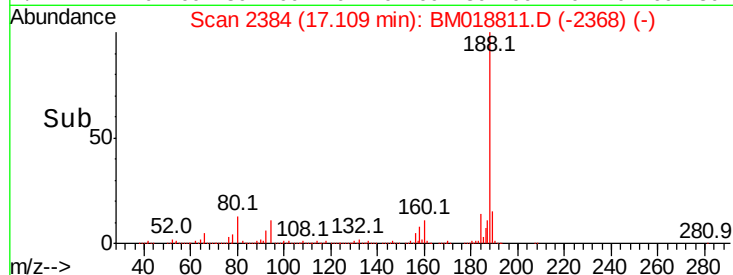
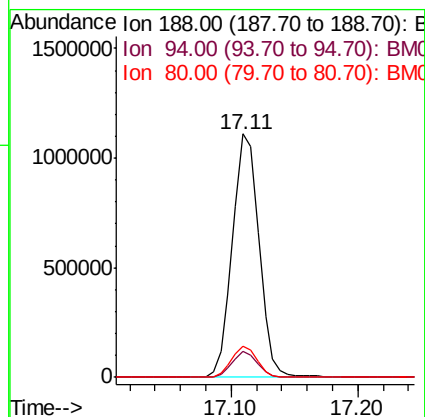
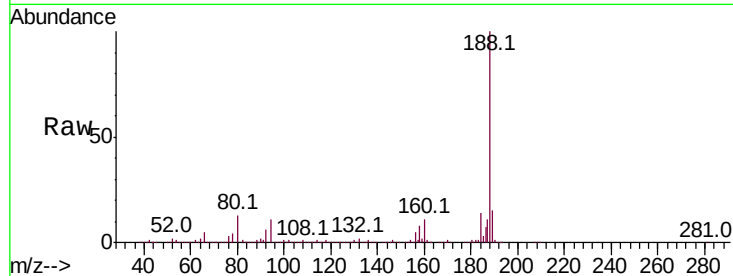
ClientSampled :

IDW-LIQUID-01

Tot Ion:	188	Resp:	1610668
Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.2	12.2
80	12.9	9.7	14.5

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

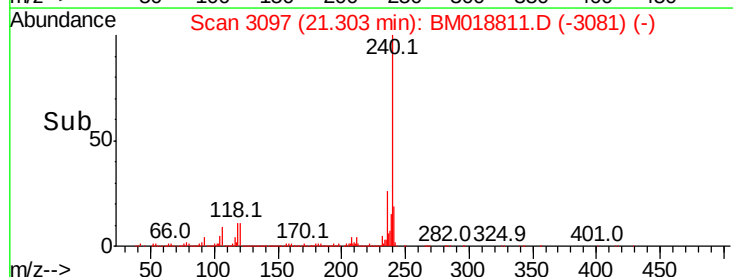
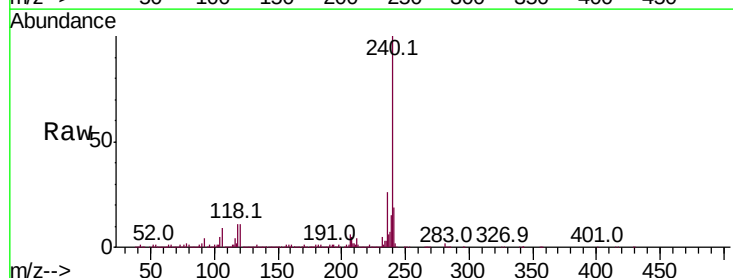
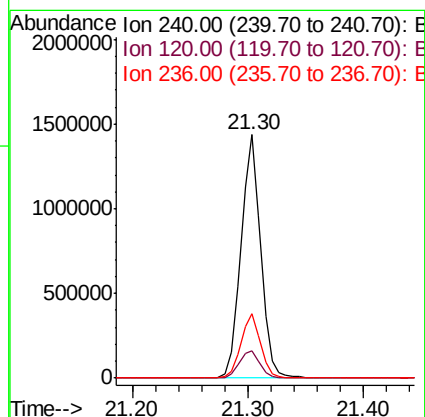
RT: 21.30 min Scan# 3097

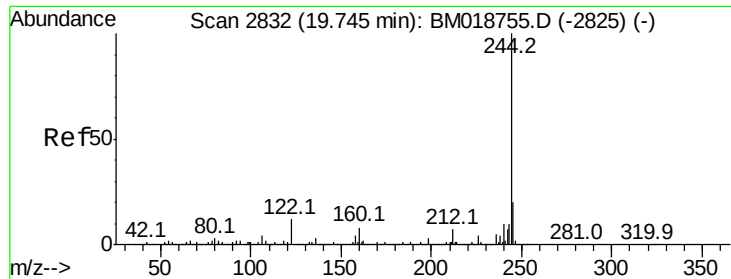
Delta R.T. -0.01 min

Lab File: BM018811.D

Acq: 13 Feb 2019 20:48

Tgt Ion:	240	Resp:	1693744
Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.9	13.3
236	26.3	20.9	31.3





#79

Terphenyl-d14

Concen: 102.688 ng

RT: 19.74 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BM018811.D

Acq: 13 Feb 2019 20:48

Instrument :

BNA_M

ClientSampleId :

IDW-LIQUID-01

Tot Ion:244 Resp: 8431210

Ion Ratio Lower Upper

244 100

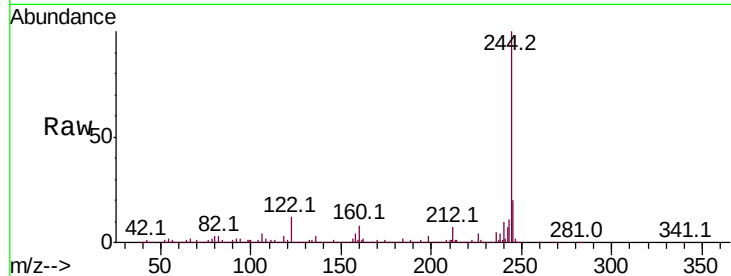
212 7.2 5.6 8.4

122 11.7 9.3 13.9

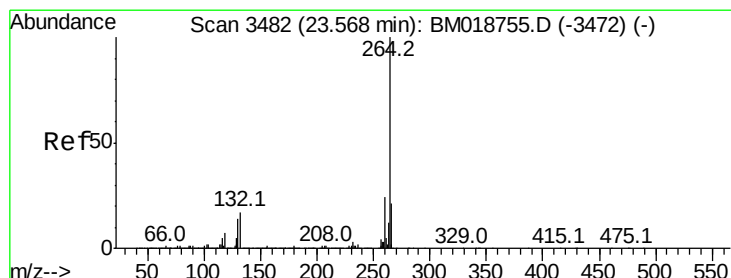
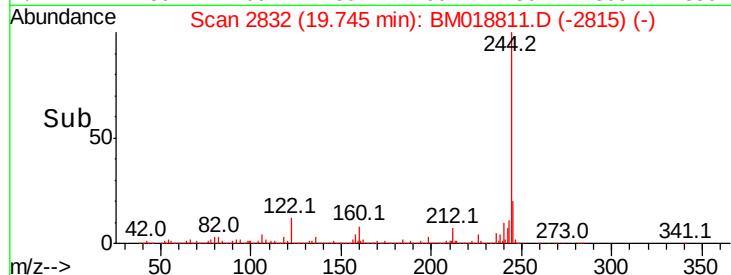
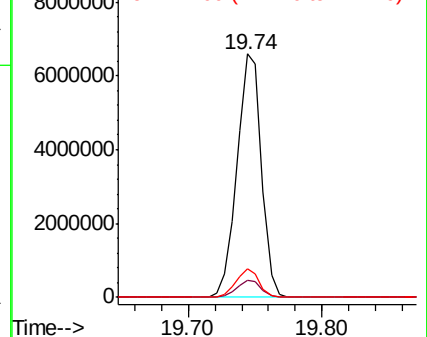
Manual Integrations
APPROVED

Sohil

2/14/2019 1:50:33 PM



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.56 min Scan# 3481

Delta R.T. -0.01 min

Lab File: BM018811.D

Acq: 13 Feb 2019 20:48

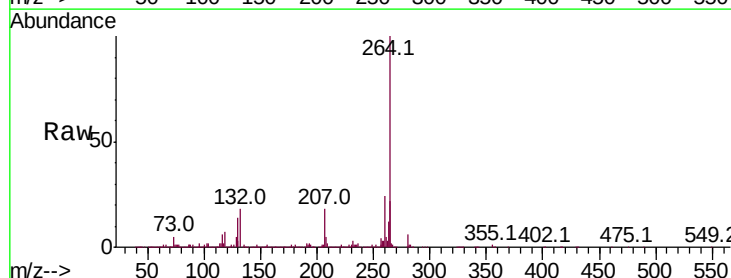
Tgt Ion:264 Resp: 1600092

Ion Ratio Lower Upper

264 100

260 24.4 18.9 28.3

265 22.1 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

