

Data File : BM018631.D
Acq On : 18 Jan 2019 02:37
Operator : JU/SJ
Sample : K1167-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CLOVER-YARD-A

Quant Time: Jan 18 04:48:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 10 05:57:41 2019
Response via : Initial Calibration

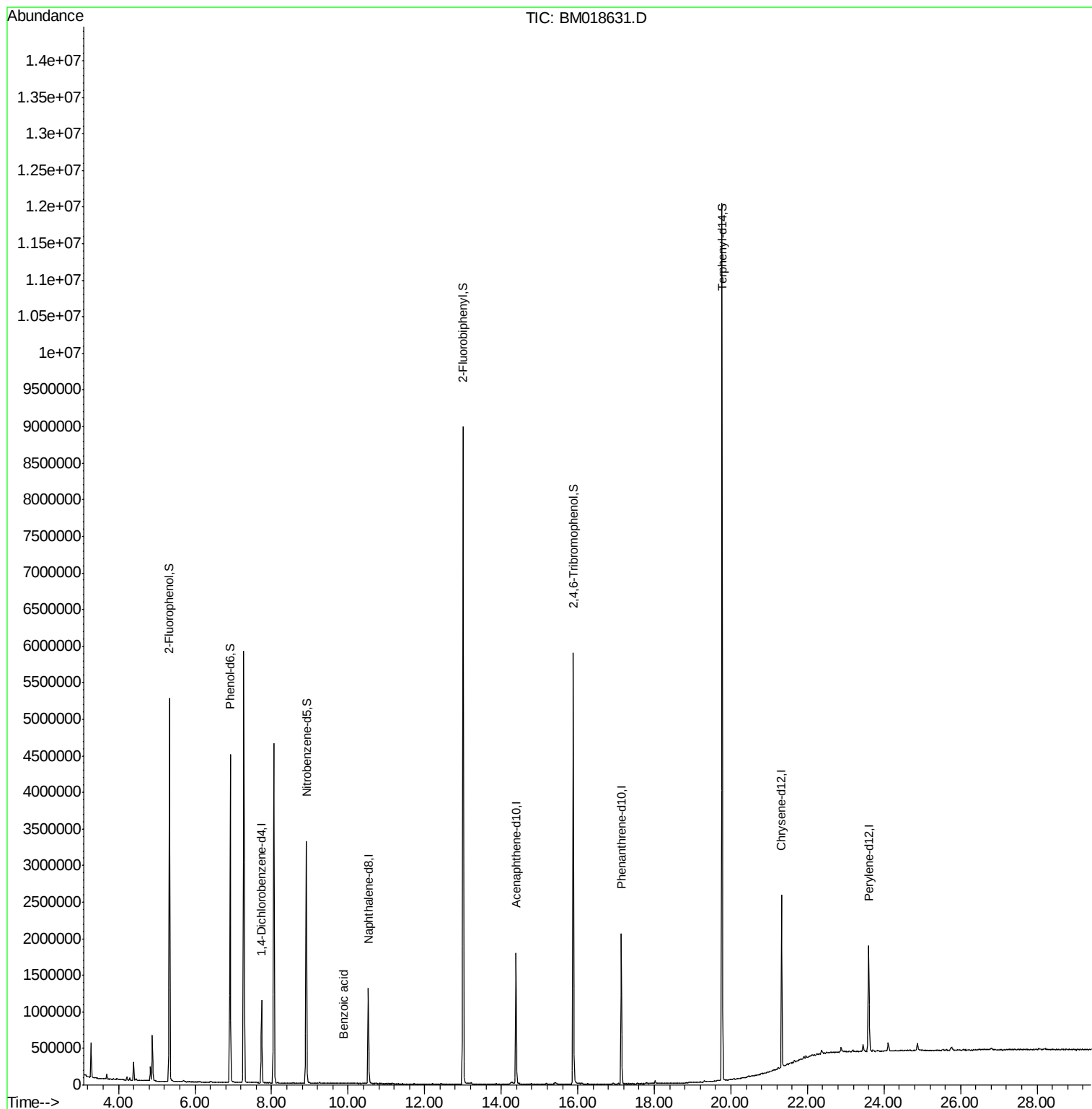
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	296985	20.00	ng	-0.02
21) Naphthalene-d8	10.53	136	1126181	20.00	ng	-0.02
39) Acenaphthene-d10	14.39	164	587451	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	1195809	20.00	ng	-0.02
76) Chrysene-d12	21.33	240	1028482	20.00	ng	-0.02
87) Perylene-d12	23.60	264	1067754	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	2147055	133.49	ng	-0.02
7) Phenol-d6	6.92	99	2403392	117.65	ng	-0.02
23) Nitrobenzene-d5	8.91	82	1868605	96.19	ng	-0.01
42) 2,4,6-Tribromophenol	15.89	330	1068113	142.80	ng	-0.02
45) 2-Fluorobiphenyl	13.00	172	4460183	99.07	ng	-0.02
79) Terphenyl-d14	19.77	244	5340056	109.45	ng	-0.02
Target Compounds						
32) Benzoic acid	9.88	122	270	6.527	ng	Qvalue 91

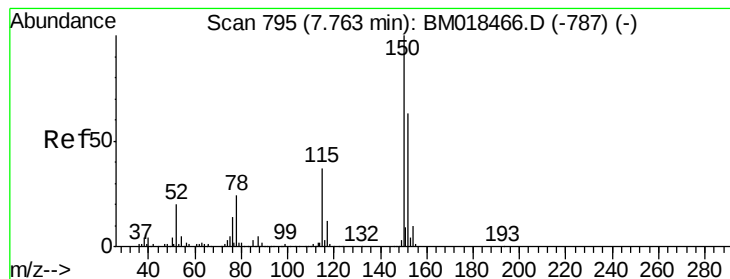
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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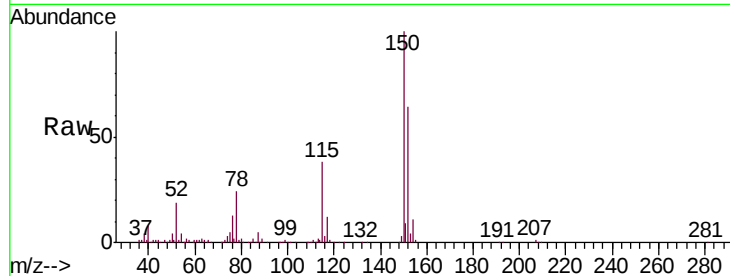


#1

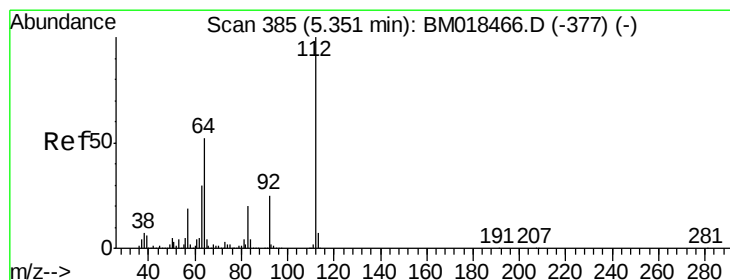
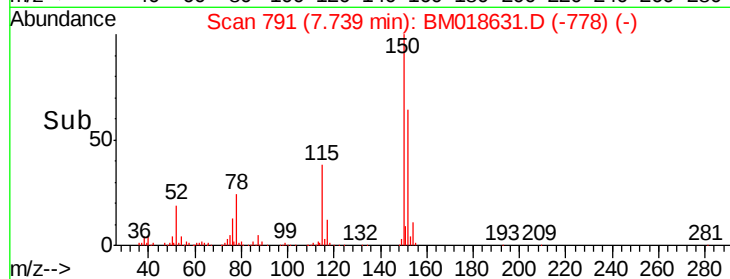
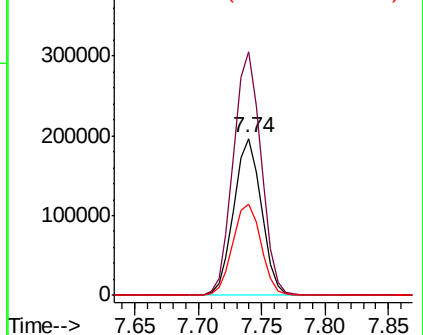
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BM018631.D
Acq: 18 Jan 2019 02:37

Instrument :
BNA_M
ClientSampleId :
CLOVER-YARD-A

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.9	190.3
115	58.6	45.5	68.3



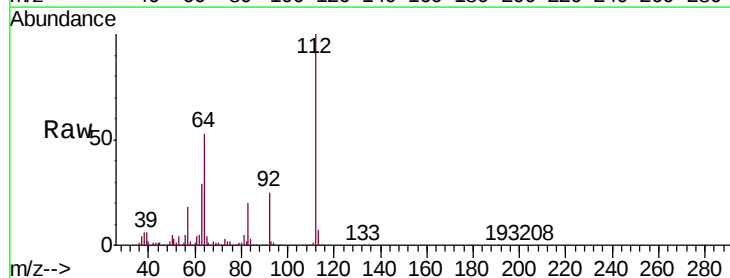
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



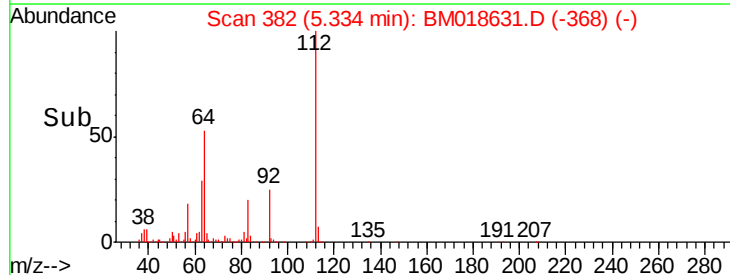
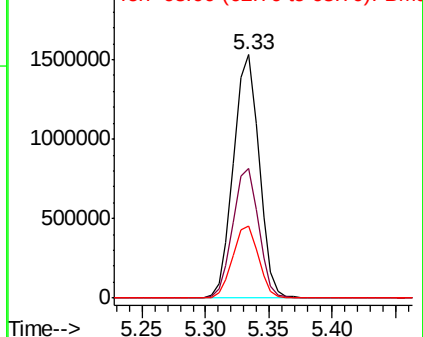
#5

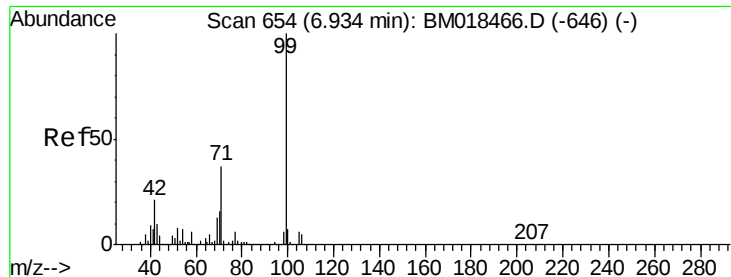
2-Fluorophenol
Concen: 133.492 ng
RT: 5.33 min Scan# 382
Delta R.T. -0.02 min
Lab File: BM018631.D
Acq: 18 Jan 2019 02:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.3	46.5	69.7
63	29.4	25.2	37.8



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: 117.650 ng

RT: 6.92 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM018631.D

Acq: 18 Jan 2019 02:37

Instrument :

BNA_M

ClientSampleId :

CLOVER-YARD-A

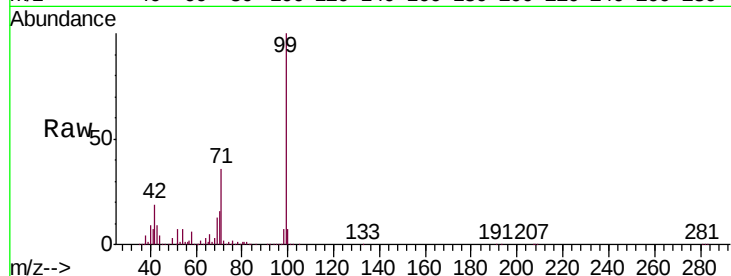
Tgt Ion: 99 Resp: 2403392

Ion Ratio Lower Upper

99 100

42 19.5 17.3 25.9

71 35.6 28.0 42.0

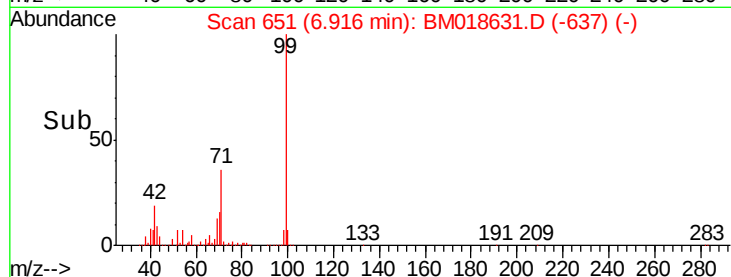


Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)

Time-->

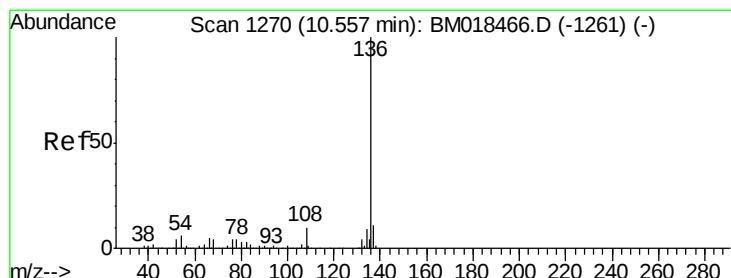


Abundance Ion 99.00 (98.70 to 99.70): BM018631.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018631.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018631.D (-637) (-)

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.53 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BM018631.D

Acq: 18 Jan 2019 02:37

Tgt Ion: 136 Resp: 1126181

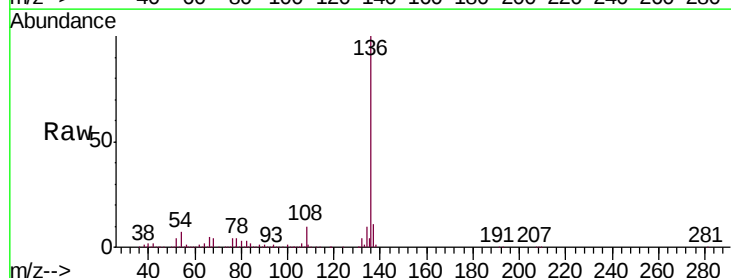
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 6.6 6.0 9.0

68 4.4 4.5 6.7#



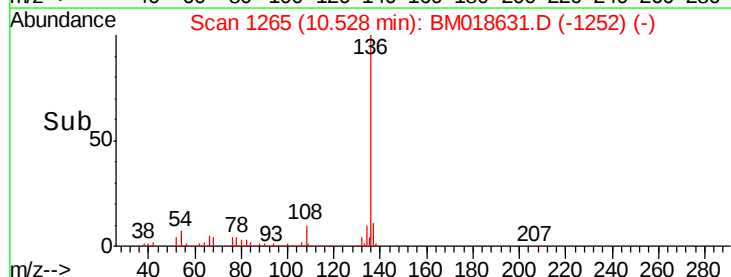
Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM018466.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM018466.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM018466.D (-1261) (-)

Time-->



Abundance Ion 136.00 (135.70 to 136.70): BM018631.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM018631.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018631.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018631.D (-1252) (-)

Time-->



#23

Nitrobenzene-d5

Concen: 96.188 ng

RT: 8.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BM018631.D

Acq: 18 Jan 2019 02:37

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BNA_M

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CLOVER-YARD-A

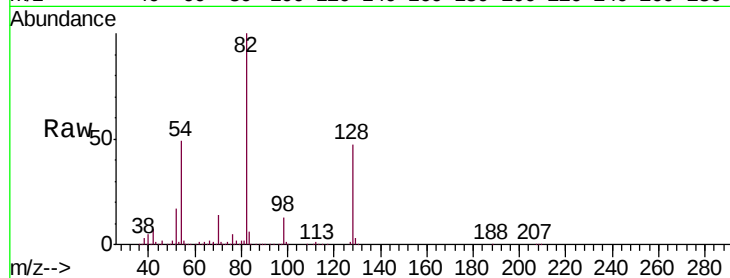
Tgt Ion: 82 Resp: 1868605

Ion Ratio Lower Upper

82 100

128 47.3 36.3 54.5

54 48.8 41.7 62.5

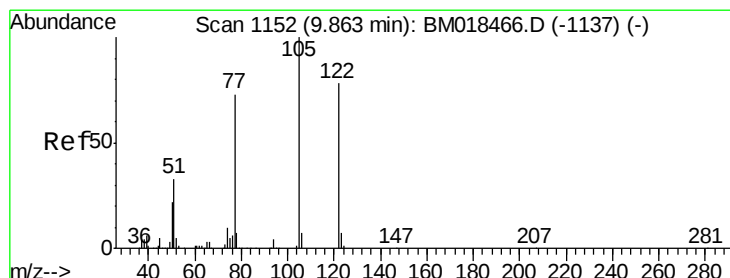
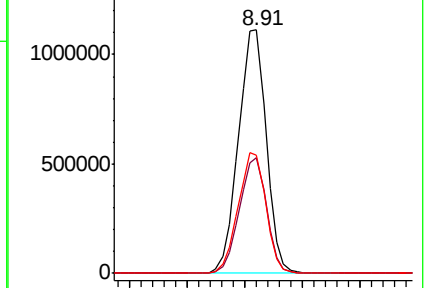
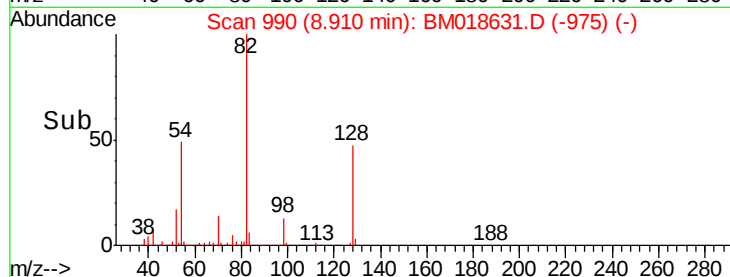


Abundance Ion 82.00 (81.70 to 82.70): BM018466.D (-985) (-)

Ion 128.00 (127.70 to 128.70): BM018466.D (-985) (-)

Ion 54.00 (53.70 to 54.70): BM018466.D (-985) (-)

Time-->



#32

Benzoic acid

Concen: 6.527 ng

RT: 9.88 min Scan# 1155

Delta R.T. -0.02 min

Lab File: BM018631.D

Acq: 18 Jan 2019 02:37

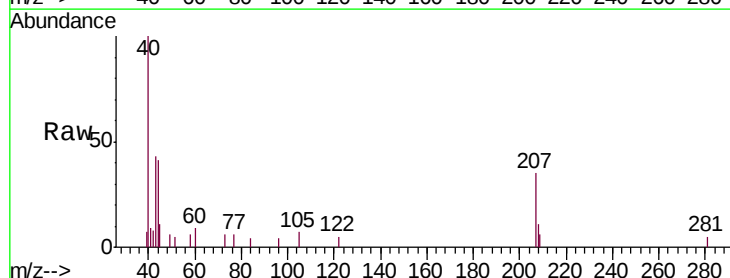
Tgt Ion: 122 Resp: 270

Ion Ratio Lower Upper

122 100

105 121.7 100.4 140.4

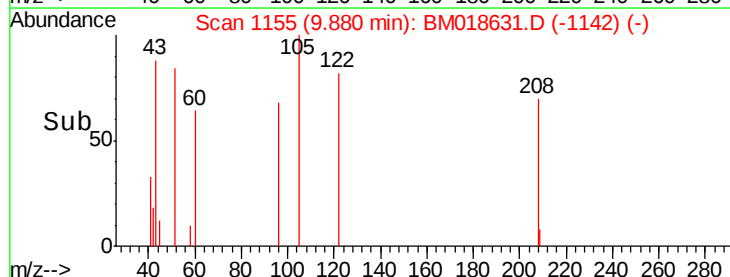
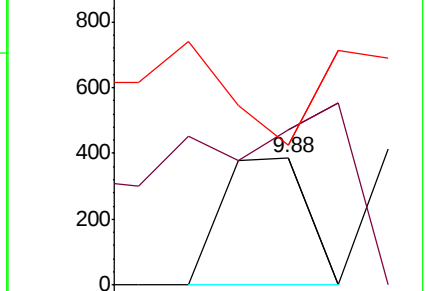
77 109.6 71.7 111.7



Abundance Ion 122.00 (121.70 to 122.70): BM018466.D (-1137) (-)

Ion 105.00 (104.70 to 105.70): BM018466.D (-1137) (-)

Ion 77.00 (76.70 to 77.70): BM018466.D (-1137) (-)

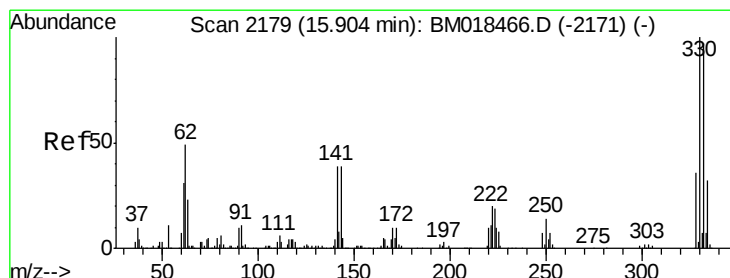
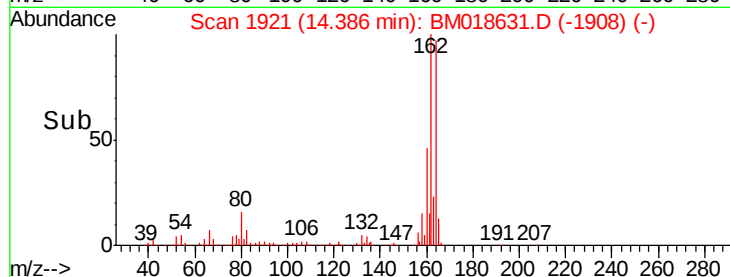
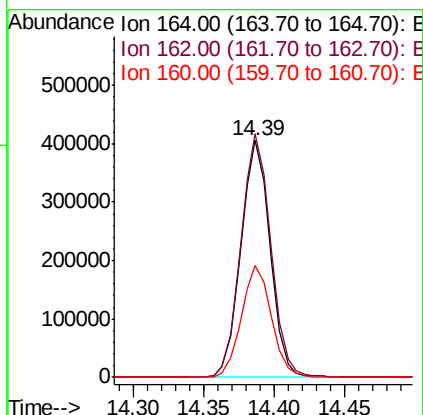
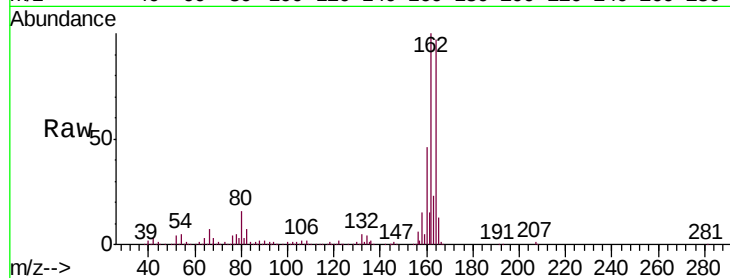




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1921
Delta R.T. -0.02 min
Lab File: BM018631.D
Acq: 18 Jan 2019 02:37

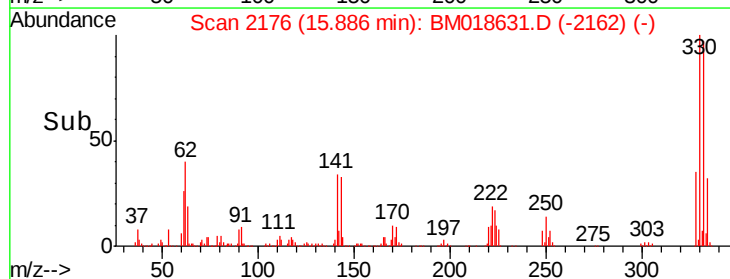
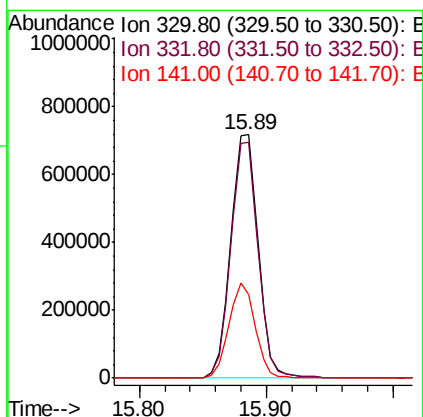
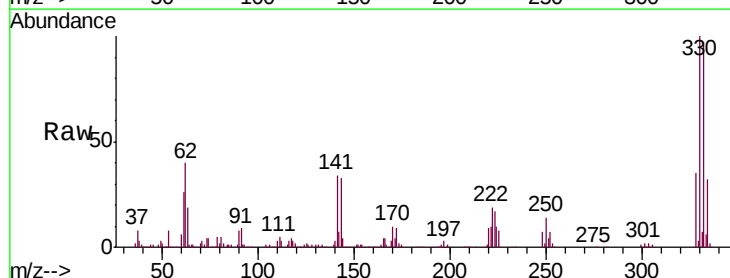
Instrument :
BNA_M
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CLOVER-YARD-A

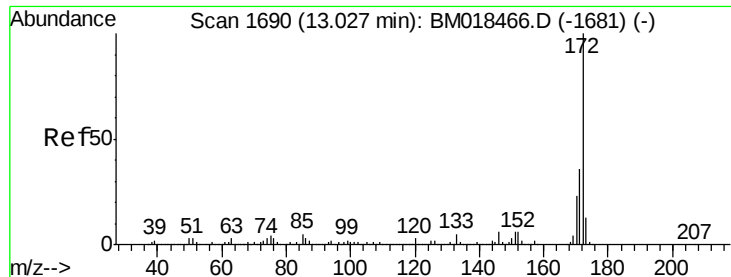
Tgt Ion:164 Resp: 587451
Ion Ratio Lower Upper
164 100
162 102.8 83.0 124.4
160 47.4 37.1 55.7



#42
2,4,6-Tribromophenol
Concen: 142.798 ng
RT: 15.89 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BM018631.D
Acq: 18 Jan 2019 02:37

Tgt Ion:330 Resp: 1068113
Ion Ratio Lower Upper
330 100
332 96.2 77.6 116.4
141 37.7 31.7 47.5

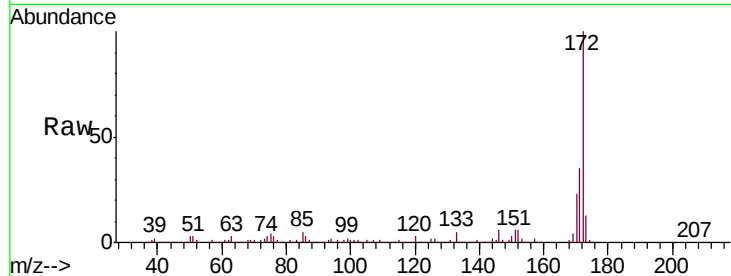




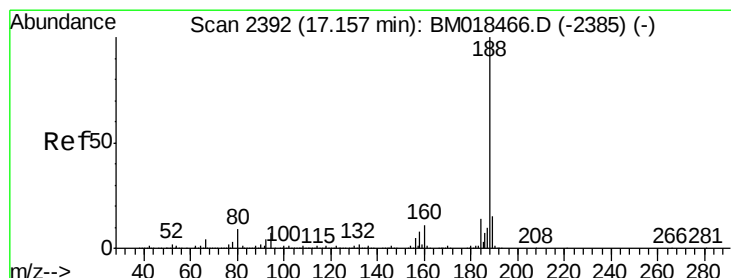
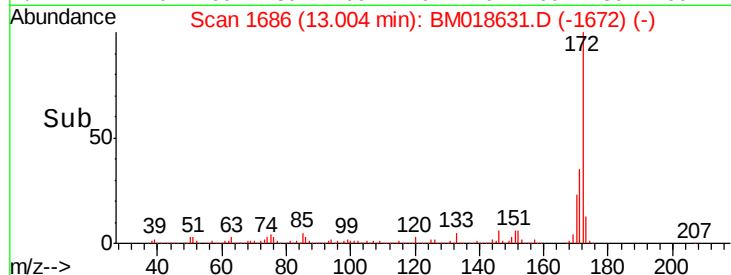
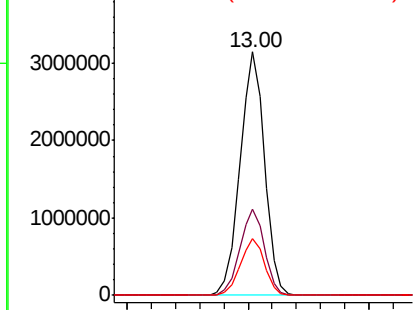
#45
 2-Fluorobiphenyl
 Concen: 99.071 ng
 RT: 13.00 min Scan# 1686
 Delta R.T. -0.02 min
 Lab File: BM018631.D
 Acq: 18 Jan 2019 02:37

Instrument :
 BNA_M
 ClientSampleId :
 CLOVER-YARD-A

Tgt Ion:172 Resp: 4460183
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.2 42.4
 170 23.1 18.9 28.3

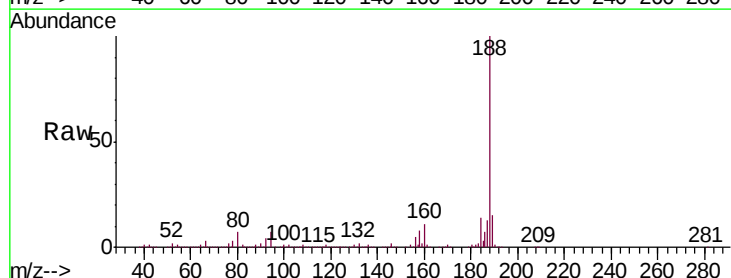


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

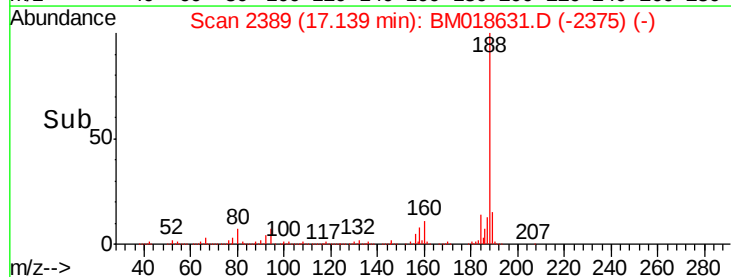
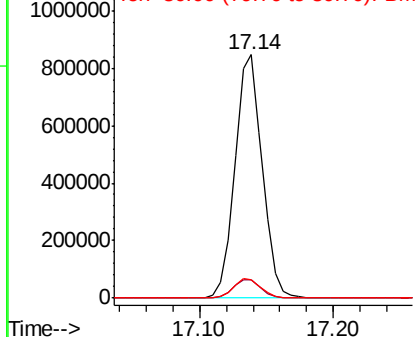


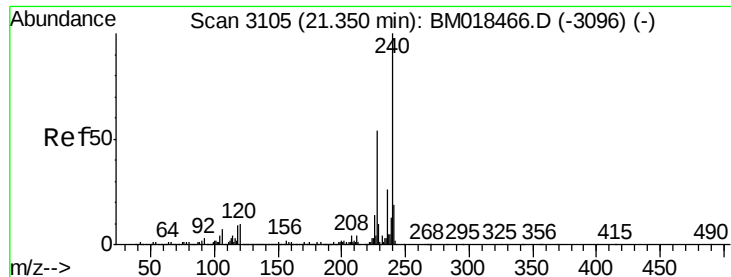
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.14 min Scan# 2389
 Delta R.T. -0.02 min
 Lab File: BM018631.D
 Acq: 18 Jan 2019 02:37

Tgt Ion:188 Resp: 1195809
 Ion Ratio Lower Upper
 188 100
 94 7.3 7.1 10.7
 80 7.5 7.6 11.4#



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BM
 Ion 80.00 (79.70 to 80.70): BM

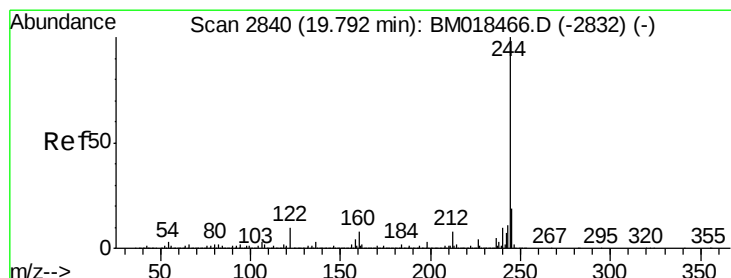
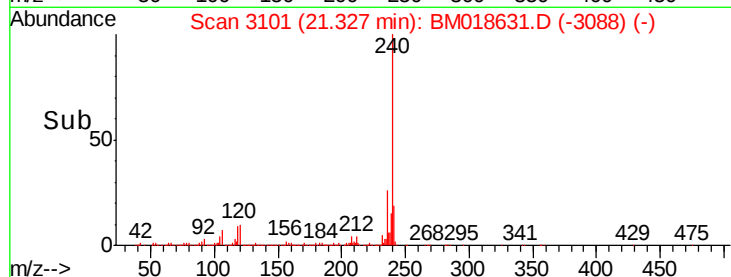
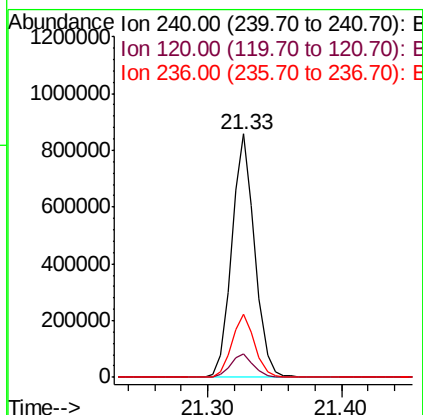
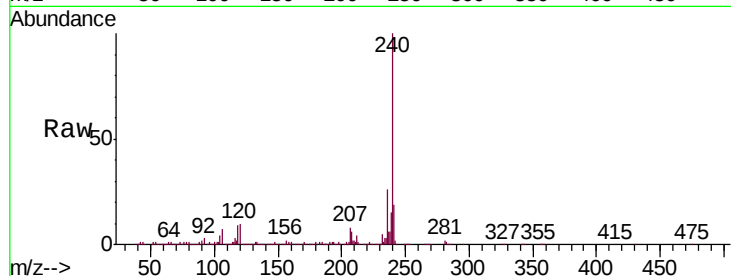




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.33 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BM018631.D
Acq: 18 Jan 2019 02:37

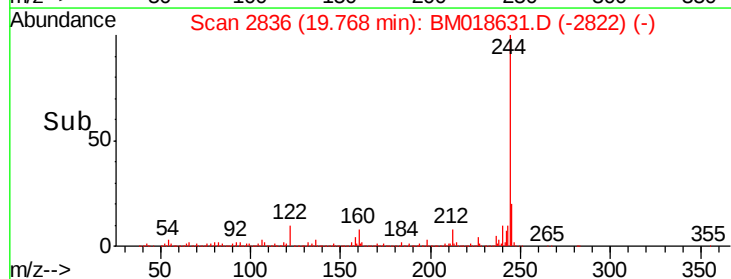
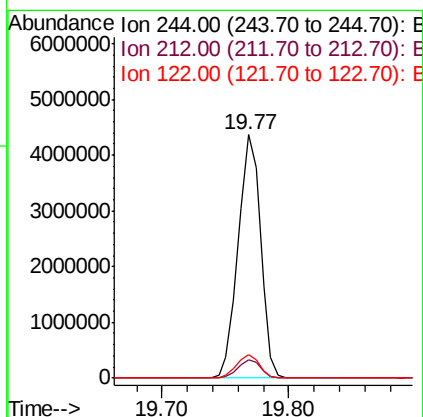
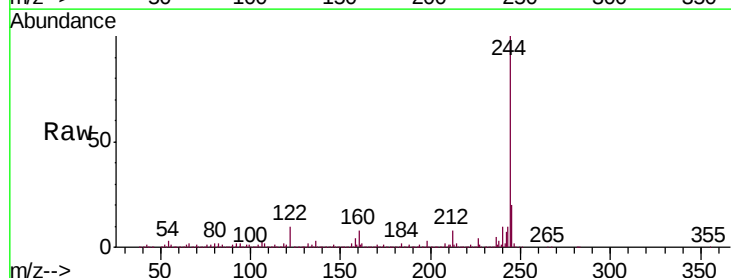
Instrument :
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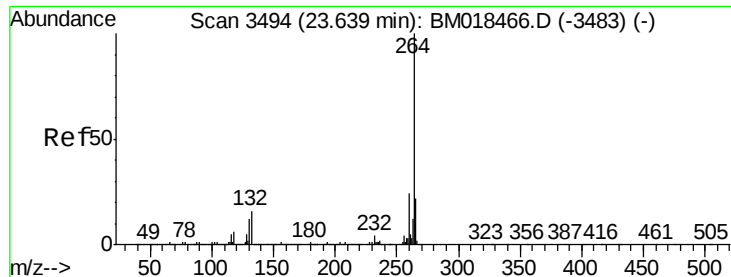
Tgt Ion:240 Resp: 1028482
Ion Ratio Lower Upper
240 100
120 9.6 8.4 12.6
236 25.8 20.7 31.1



#79
Terphenyl-d14
Concen: 109.453 ng
RT: 19.77 min Scan# 2836
Delta R.T. -0.02 min
Lab File: BM018631.D
Acq: 18 Jan 2019 02:37

Tgt Ion:244 Resp: 5340056
Ion Ratio Lower Upper
244 100
212 7.6 5.9 8.9
122 9.8 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.60 min Scan# 3487
Delta R.T. -0.04 min
Lab File: BM018631.D
Acq: 18 Jan 2019 02:37

Instrument :
BNA_M
ClientSampleId :
CLOVER-YARD-A

Tgt Ion: 264 Resp: 1067754

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.9	28.3
265	21.9	16.8	25.2

