

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
 Data File : BM018381.D
 Acq On : 22 Dec 2018 13:44
 Operator : JU/SJ
 Sample : J6482-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 R20-OS

Quant Time: Dec 24 06:01:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	108679	20.00	ng	-0.03
21) Naphthalene-d8	10.24	136	423743	20.00	ng	-0.03
39) Acenaphthene-d10	14.14	164	237590	20.00	ng	-0.02
64) Phenanthrene-d10	16.90	188	445061	20.00	ng	-0.02
76) Chrysene-d12	21.13	240	381021	20.00	ng	-0.02
87) Perylene-d12	23.29	264	414774	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	935325	143.77	ng	0.00
7) Phenol-d6	6.69	99	1126879	124.62	ng	-0.01
23) Nitrobenzene-d5	8.64	82	974756	117.99	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	497147	142.56	ng	-0.01
45) 2-Fluorobiphenyl	12.74	172	1972234	107.52	ng	-0.02
79) Terphenyl-d14	19.56	244	2089489	124.03	ng	-0.01

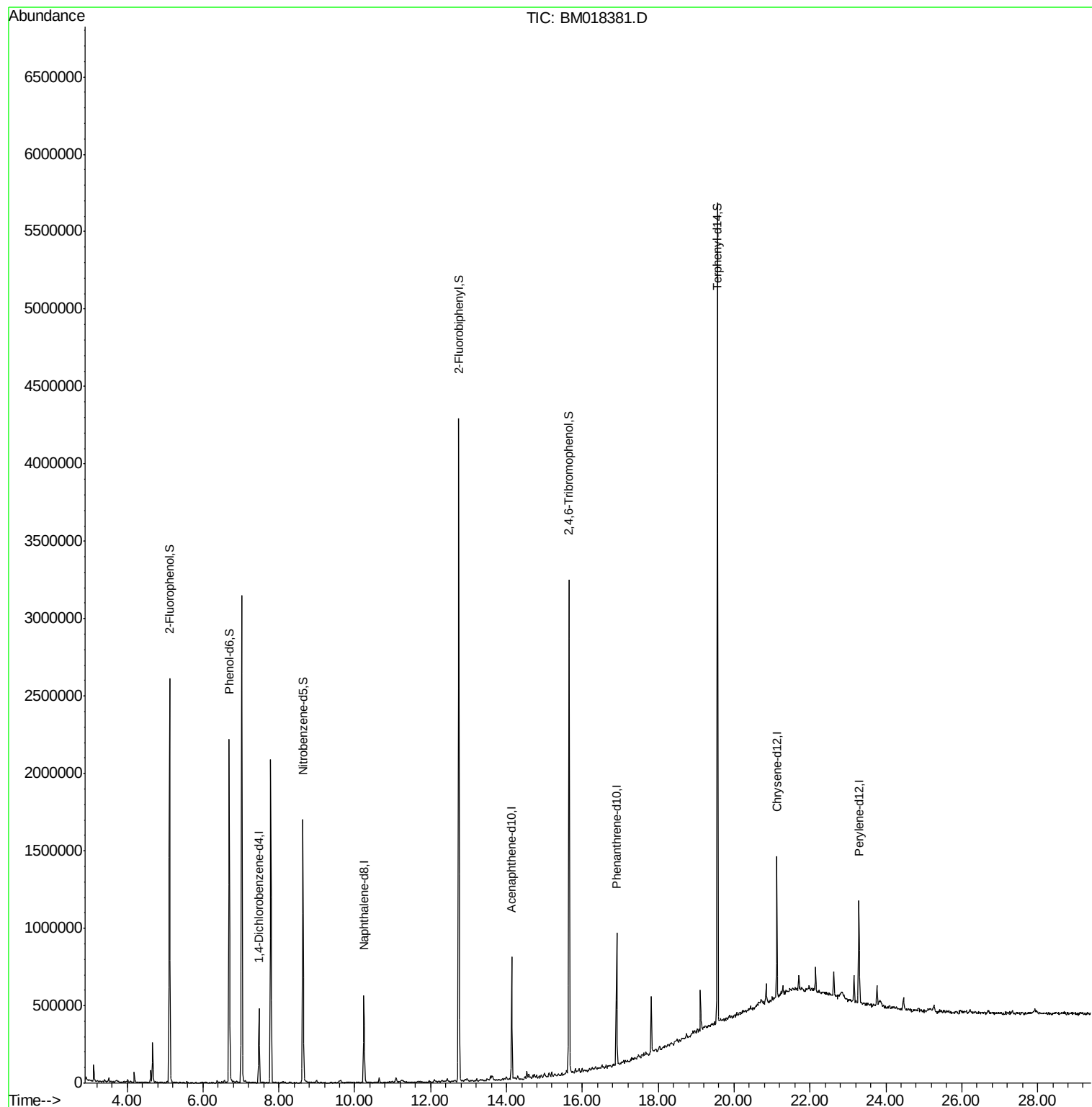
Target Compounds Qvalue

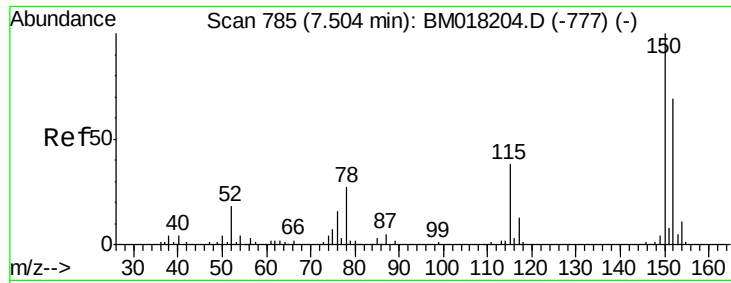
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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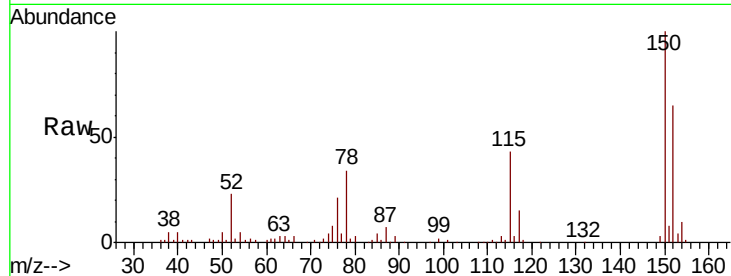




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.47 min Scan# 780
 Delta R.T. -0.03 min
 Lab File: BM018381.D
 Acq: 22 Dec 2018 13:44

Instrument :
 BNA_M
 ClientSampleId :
 R20-OS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	116.1	174.1
115	65.1	44.6	67.0

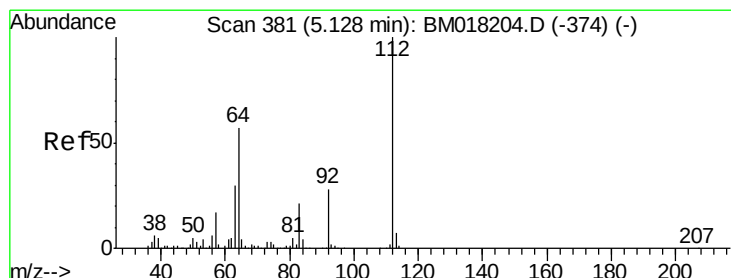
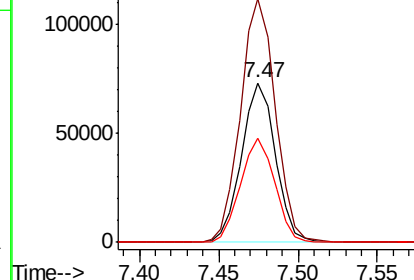
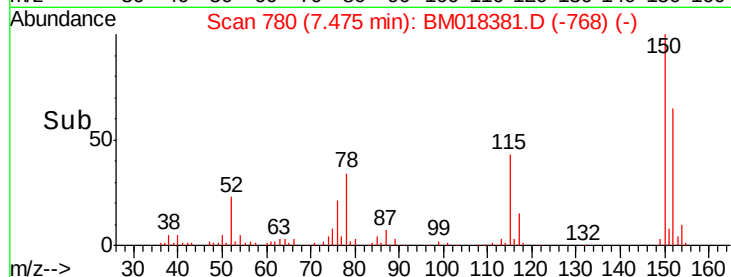


Abundance

Ion 152.00 (151.70 to 152.70): E

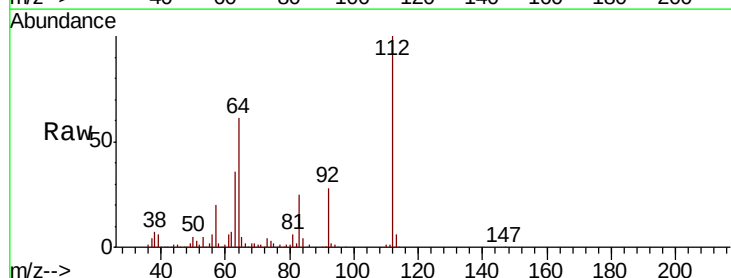
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 143.767 ng
 RT: 5.12 min Scan# 380
 Delta R.T. -0.01 min
 Lab File: BM018381.D
 Acq: 22 Dec 2018 13:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	45.4	68.2
63	36.3	24.0	36.0

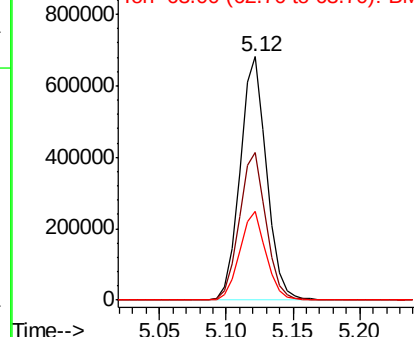
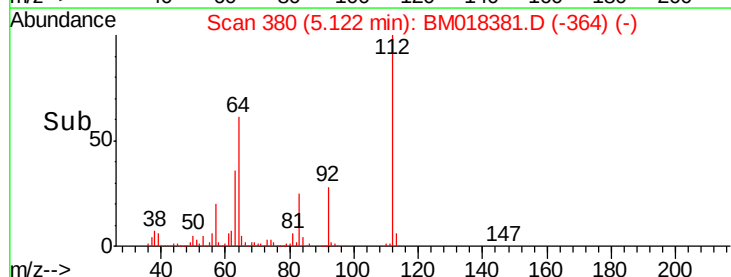


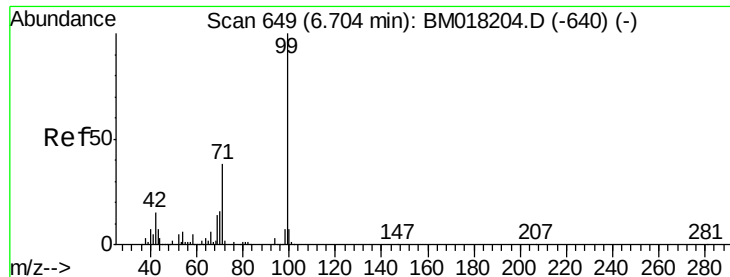
Abundance

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: 124.619 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM018381.D

Acq: 22 Dec 2018 13:44

Instrument :

BNA_M

ClientSampled :

R20-OS

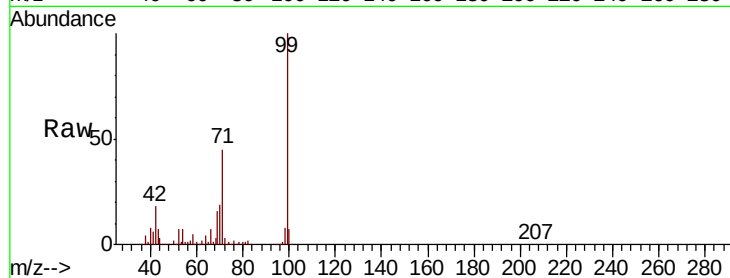
Tot Ion: 99 Resp: 1126879

Ion Ratio Lower Upper

99 100

42 18.5 12.3 18.5

71 44.8 30.2 45.2

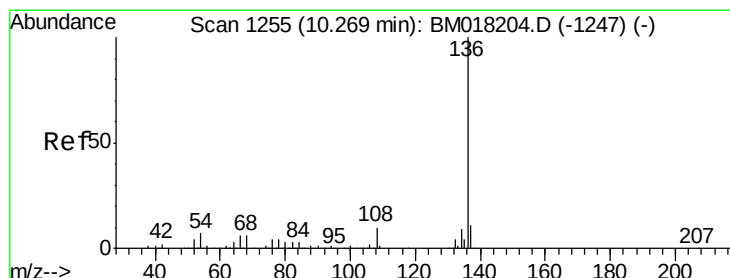
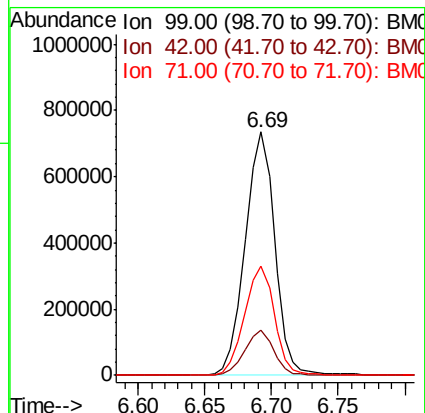
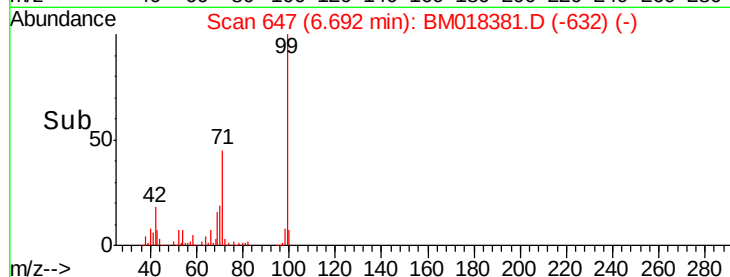


Abundance Ion 99.00 (98.70 to 99.70): BM018204.D (-640) (-)

Ion 42.00 (41.70 to 42.70): BM018204.D (-640) (-)

Ion 71.00 (70.70 to 71.70): BM018204.D (-640) (-)

6.69



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.24 min Scan# 1250

Delta R.T. -0.03 min

Lab File: BM018381.D

Acq: 22 Dec 2018 13:44

Tgt Ion: 136 Resp: 423743

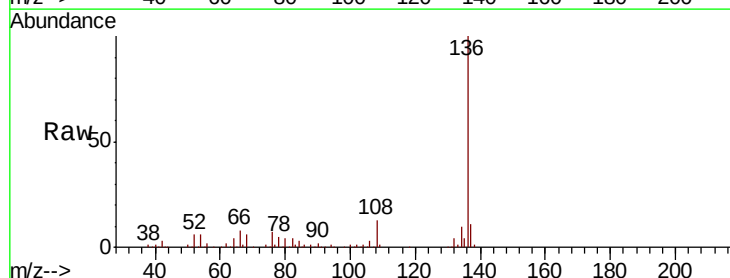
Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 6.2 5.2 7.8

68 5.7 5.0 7.6



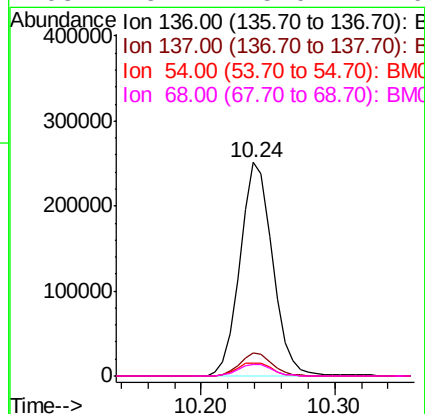
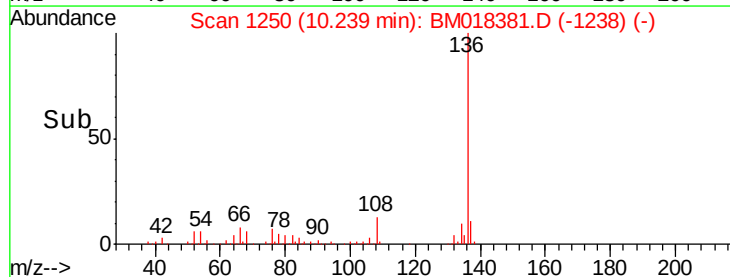
Abundance Ion 136.00 (135.70 to 136.70): BM018204.D (-1247) (-)

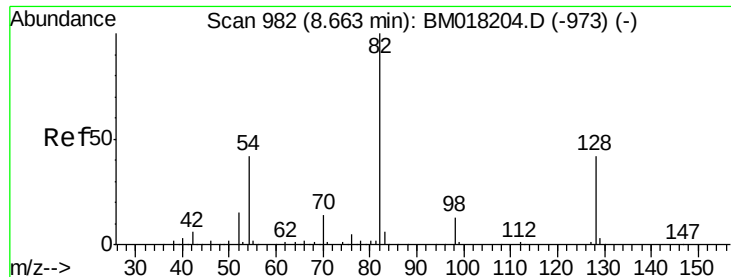
Ion 137.00 (136.70 to 137.70): BM018204.D (-1247) (-)

Ion 54.00 (53.70 to 54.70): BM018204.D (-1247) (-)

Ion 68.00 (67.70 to 68.70): BM018204.D (-1247) (-)

10.24

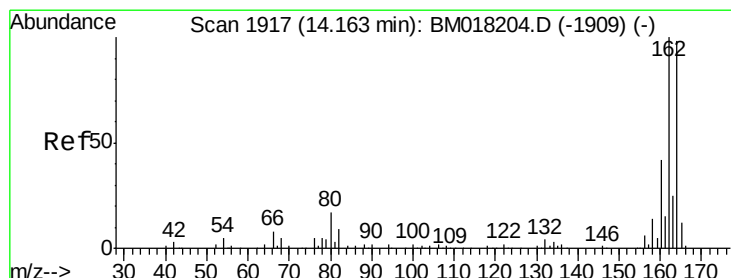
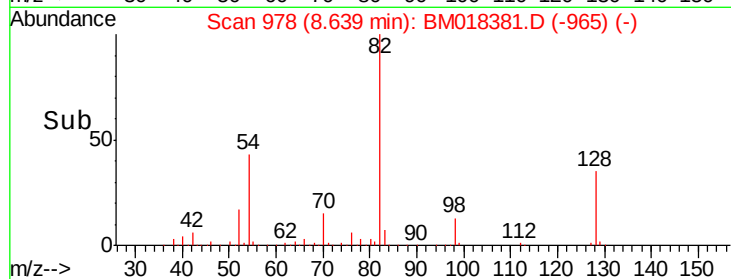
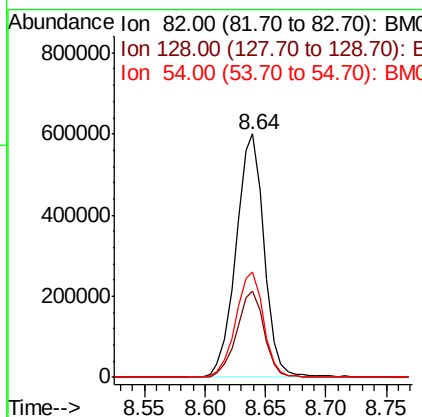
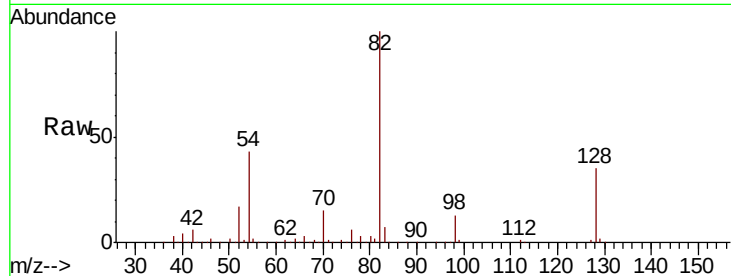




#23
 Nitrobenzene-d5
 Concen: 117.993 ng
 RT: 8.64 min Scan# 978
 Delta R.T. -0.02 min
 Lab File: BM018381.D
 Acq: 22 Dec 2018 13:44

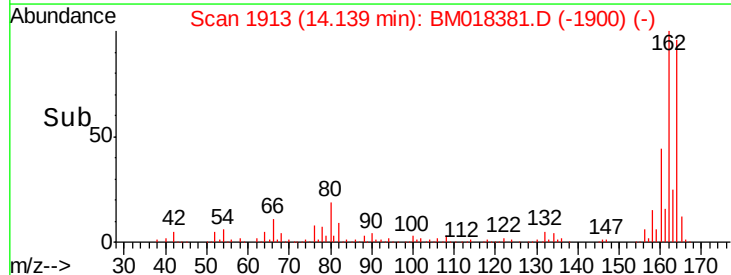
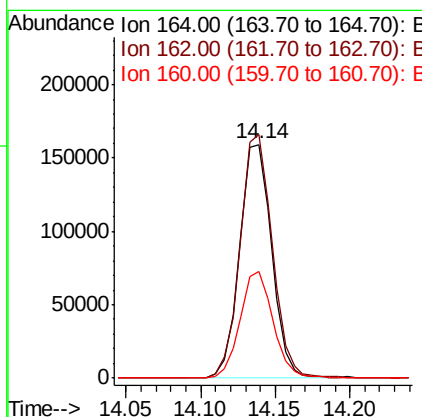
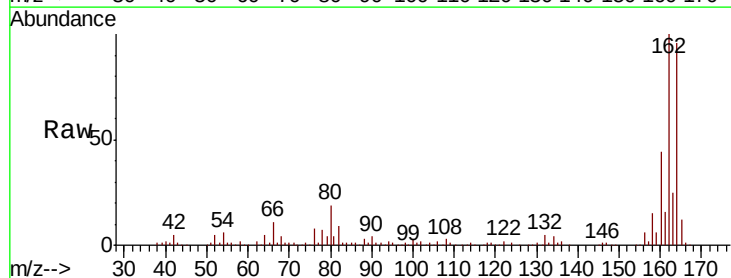
Instrument :
 BNA_M
 ClientSampleId :
 R20-OS

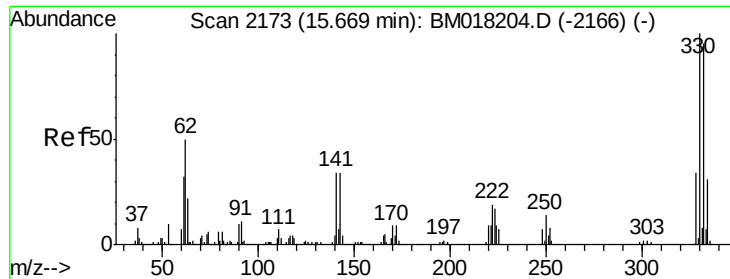
Tot Ion	82	Resp	974756
Ion Ratio	Lower	Upper	
82	100		
128	35.3	33.4	50.2
54	43.1	33.4	50.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.14 min Scan# 1913
 Delta R.T. -0.02 min
 Lab File: BM018381.D
 Acq: 22 Dec 2018 13:44

Tgt Ion	164	Resp	237590
Ion Ratio	Lower	Upper	
164	100		
162	104.1	81.8	122.6
160	45.5	34.6	51.8

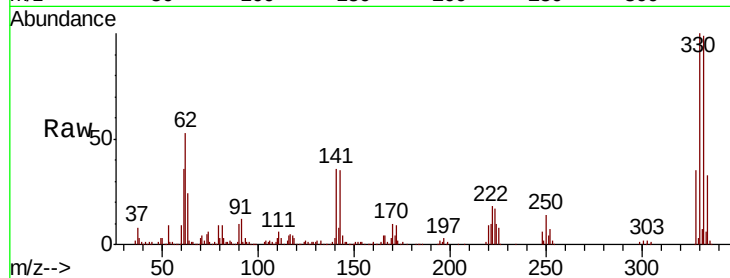




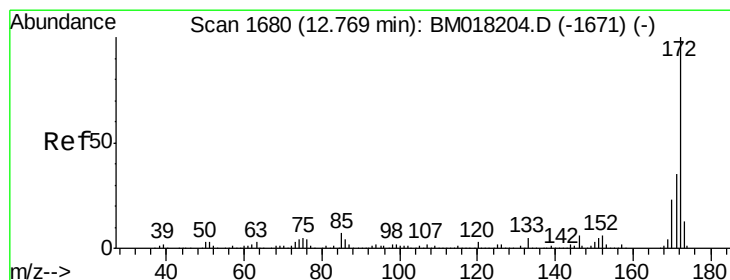
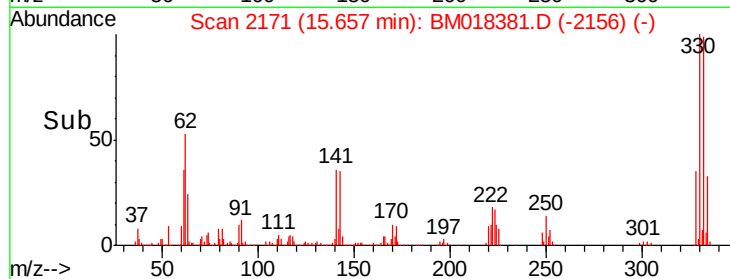
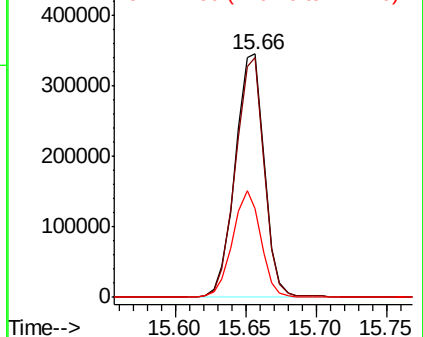
#42
 2,4,6-Tribromophenol
 Concen: 142.565 ng
 RT: 15.66 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BM018381.D
 Acq: 22 Dec 2018 13:44

Instrument :
 BNA_M
 ClientSampleId :
 R20-OS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.6	118.0
141	42.0	27.1	40.7#

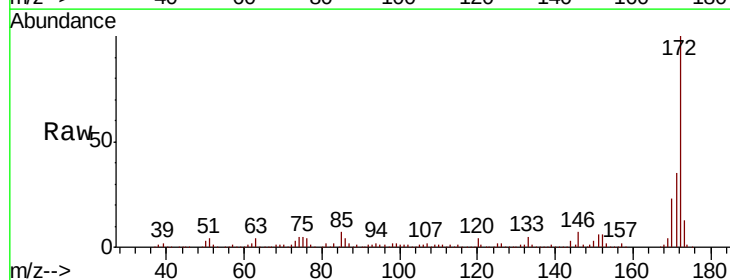


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

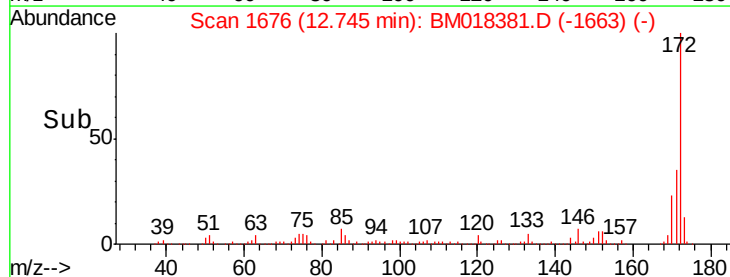
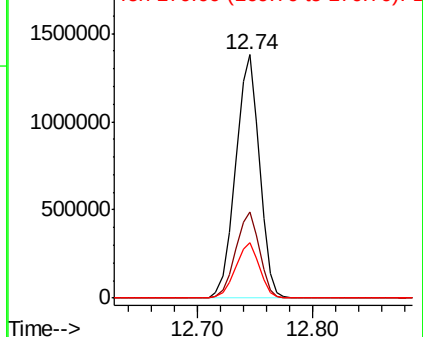


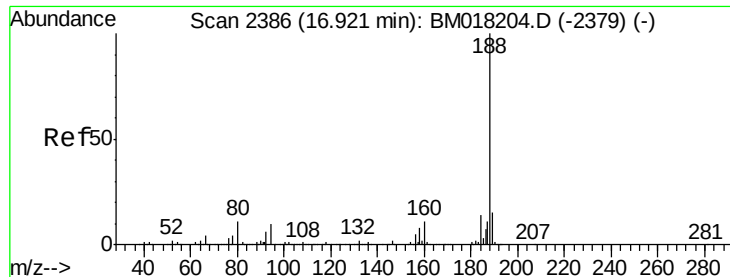
#45
 2-Fluorobiphenyl
 Concen: 107.517 ng
 RT: 12.74 min Scan# 1676
 Delta R.T. -0.02 min
 Lab File: BM018381.D
 Acq: 22 Dec 2018 13:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	22.8	18.1	27.1



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

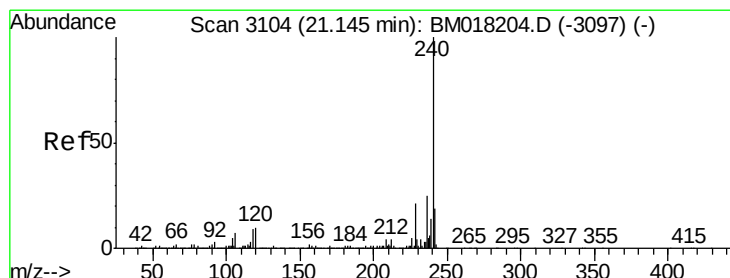
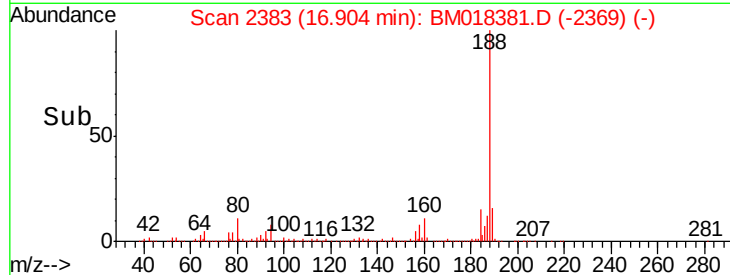
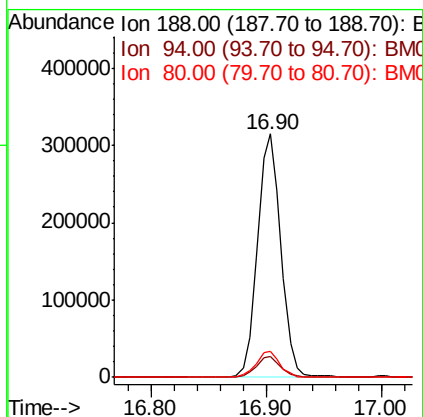
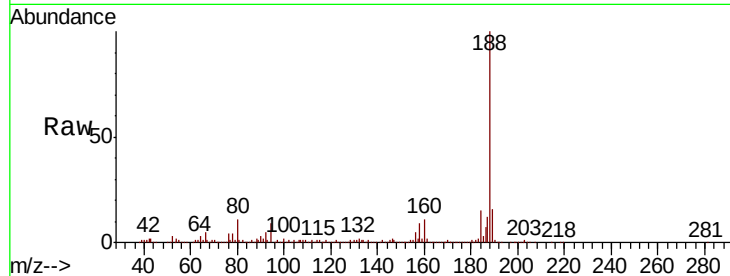




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.90 min Scan# 2383
Delta R.T. -0.02 min
Lab File: BM018381.D
Acq: 22 Dec 2018 13:44

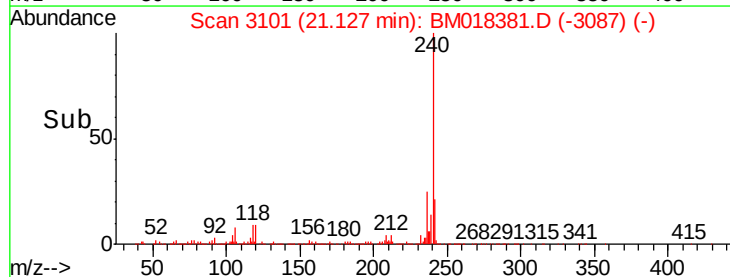
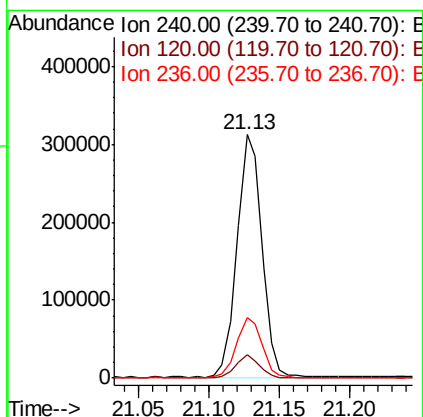
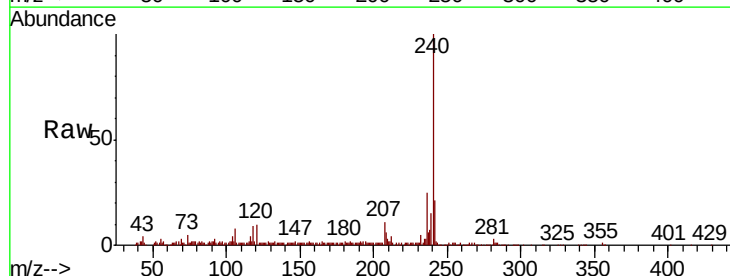
Instrument :
BNA_M
ClientSampleId :
R20-OS

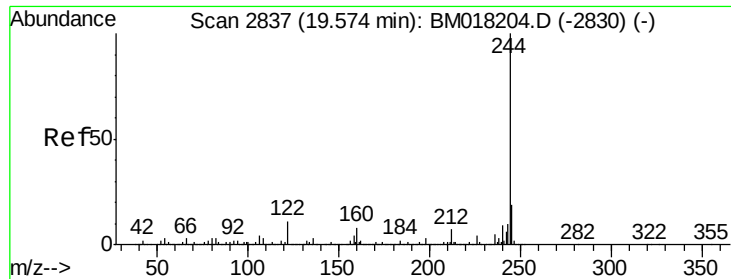
Tot Ion:188 Resp: 445061
Ion Ratio Lower Upper
188 100
94 8.6 8.0 12.0
80 10.7 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BM018381.D
Acq: 22 Dec 2018 13:44

Tgt Ion:240 Resp: 381021
Ion Ratio Lower Upper
240 100
120 9.6 8.2 12.2
236 24.9 20.3 30.5





#79

Terphenyl-d14

Concen: 124.027 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM018381.D

Acq: 22 Dec 2018 13:44

Instrument :

BNA_M

ClientSampleId :

R20-OS

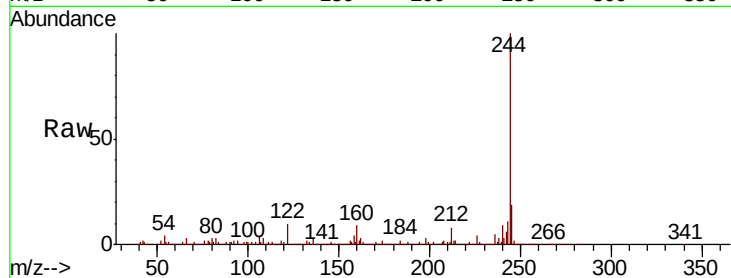
Tot Ion:244 Resp: 2089489

Ion Ratio Lower Upper

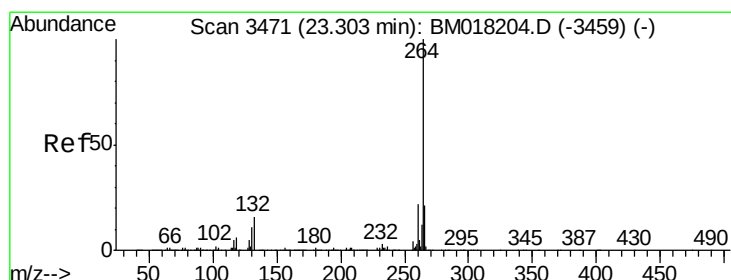
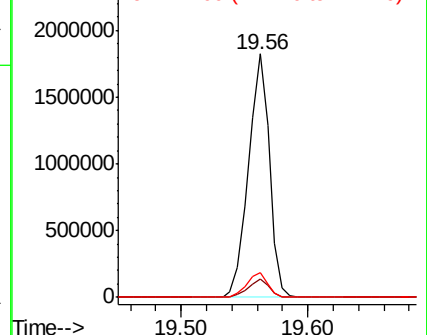
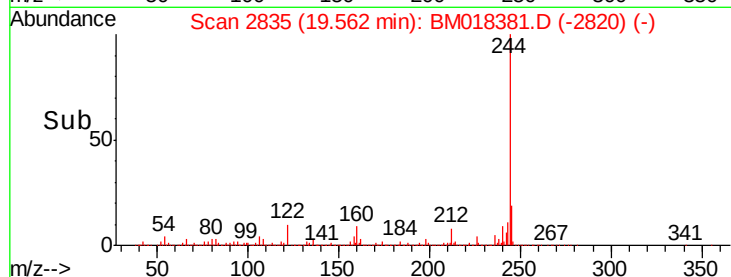
244 100

212 7.7 5.8 8.8

122 9.9 9.0 13.6



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: 23.29 min Scan# 3469

Delta R.T. -0.01 min

Lab File: BM018381.D

Acq: 22 Dec 2018 13:44

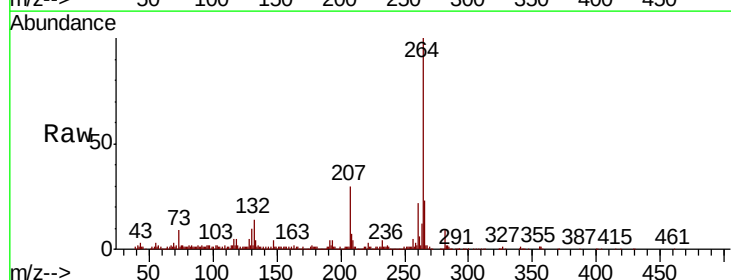
Tgt Ion:264 Resp: 414774

Ion Ratio Lower Upper

264 100

260 22.3 17.5 26.3

265 22.9 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

