

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
 Data File : BM018385.D
 Acq On : 22 Dec 2018 16:11
 Operator : JU/SJ
 Sample : J6494-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 24 05:54:31 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

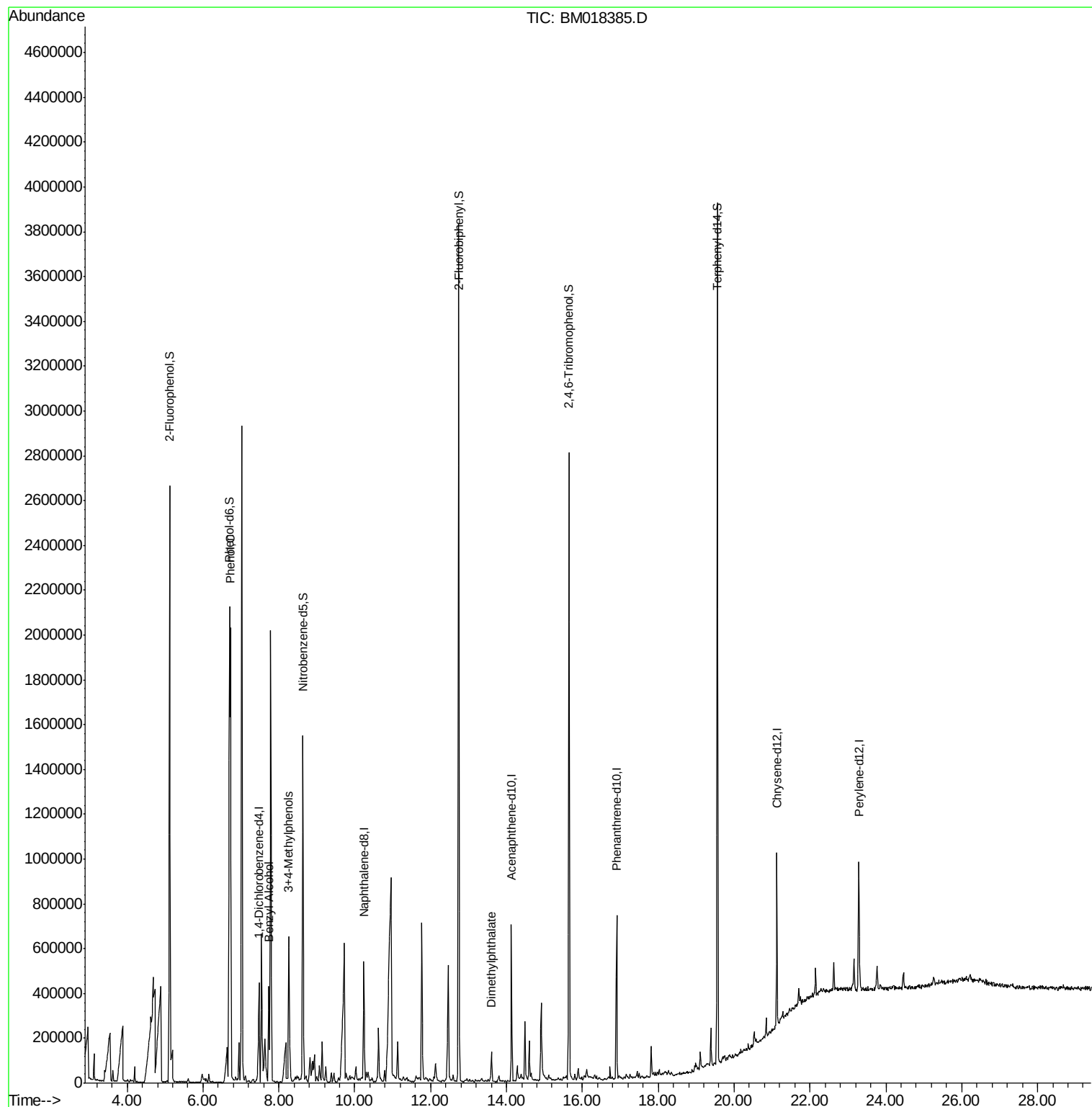
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	96795	20.00	ng	-0.03
21) Naphthalene-d8	10.24	136	384627	20.00	ng	-0.03
39) Acenaphthene-d10	14.13	164	207259	20.00	ng	-0.03
64) Phenanthrene-d10	16.90	188	391001	20.00	ng	-0.02
76) Chrysene-d12	21.13	240	335428	20.00	ng	-0.02
87) Perylene-d12	23.29	264	381842	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	919791	158.74	ng	0.00
7) Phenol-d6	6.70	99	1122535	139.38	ng	0.00
23) Nitrobenzene-d5	8.64	82	902500	120.36	ng	-0.02
42) 2,4,6-Tribromophenol	15.65	330	430480	141.51	ng	-0.02
45) 2-Fluorobiphenyl	12.74	172	1748886	109.29	ng	-0.03
79) Terphenyl-d14	19.56	244	1684125	113.55	ng	-0.01
Target Compounds						
10) Phenol	6.72	94	897432	105.217	ng	91
15) Benzyl Alcohol	7.73	79	149038	22.711	ng	92
20) 3+4-Methylphenols	8.26	107	267378	33.505	ng	91
50) Dimethylphthalate	13.61	163	74500	4.324	ng	98

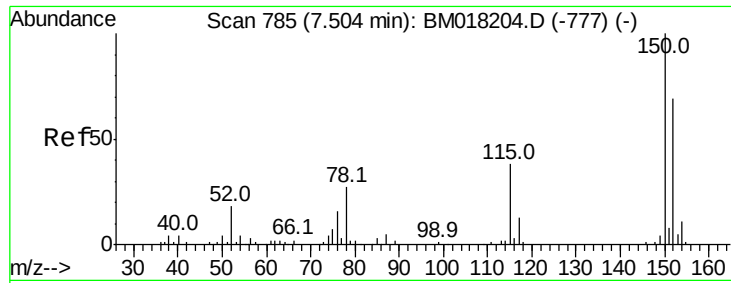
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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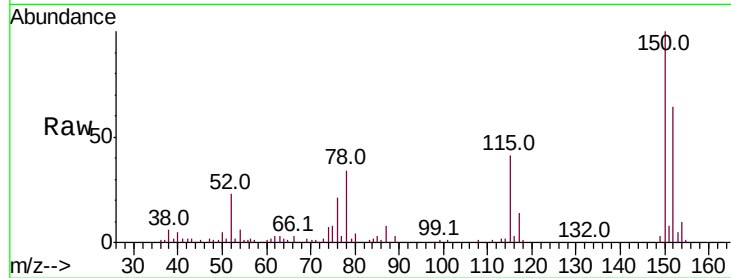


#1

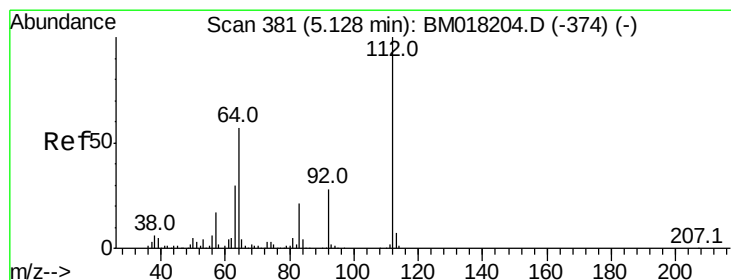
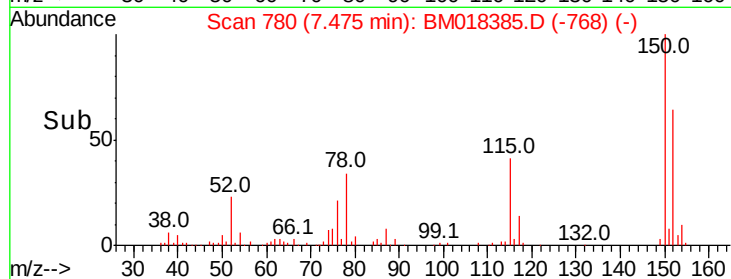
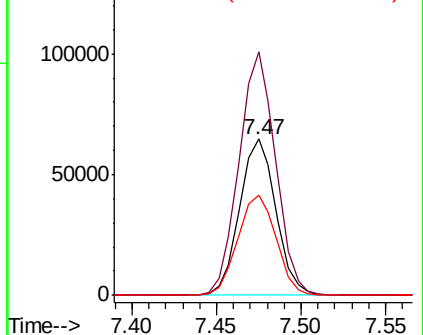
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.47 min Scan# 780
 Delta R.T. -0.03 min
 Lab File: BM018385.D
 Acq: 22 Dec 2018 16:11

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	116.1	174.1
115	64.5	44.6	67.0



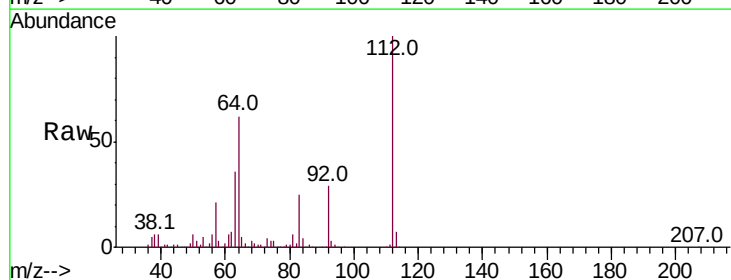
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



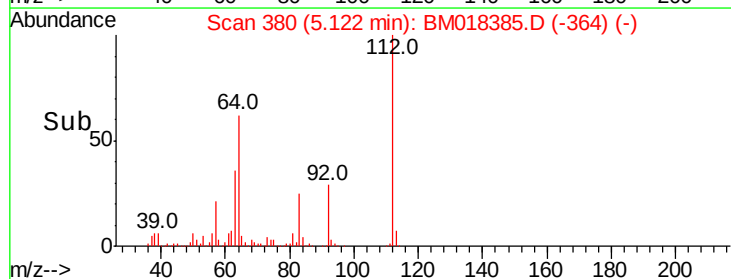
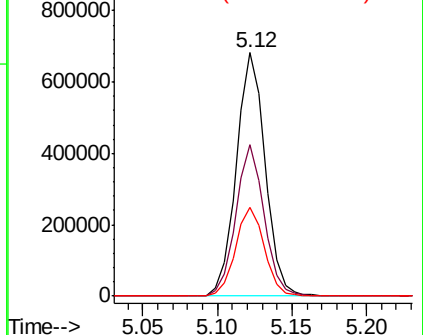
#5

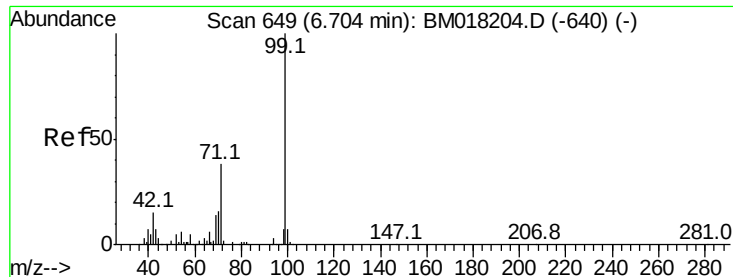
2-Fluorophenol
 Concen: 158.737 ng
 RT: 5.12 min Scan# 380
 Delta R.T. -0.01 min
 Lab File: BM018385.D
 Acq: 22 Dec 2018 16:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.2	45.4	68.2
63	36.2	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: 139.380 ng

RT: 6.70 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018385.D

Acq: 22 Dec 2018 16:11

Instrument :

BNA_M

ClientSampleId :

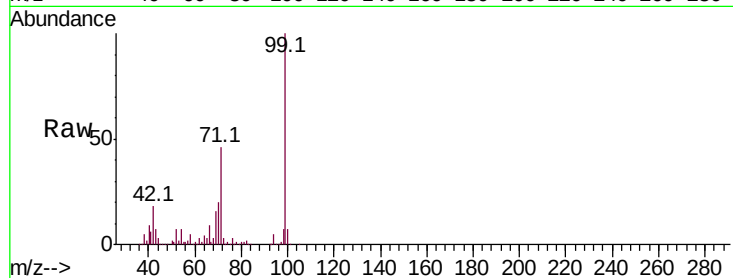
Tot Ion: 99 Resp: 1122535

Ion Ratio Lower Upper

99 100

42 18.1 12.3 18.5

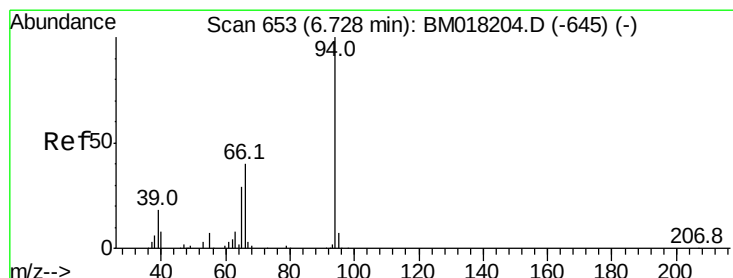
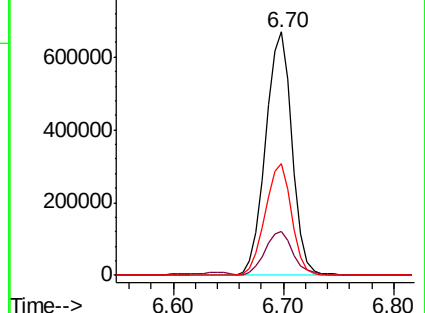
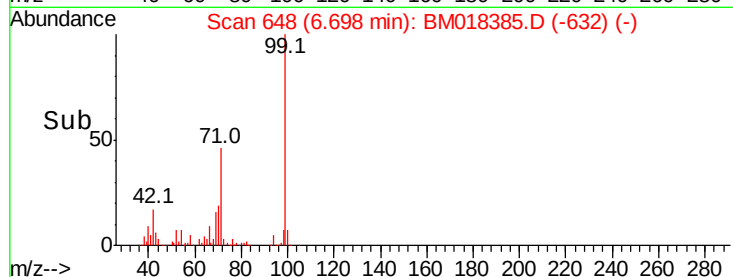
71 45.7 30.2 45.2#



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) (-)



#10

Phenol

Concen: 105.217 ng

RT: 6.72 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM018385.D

Acq: 22 Dec 2018 16:11

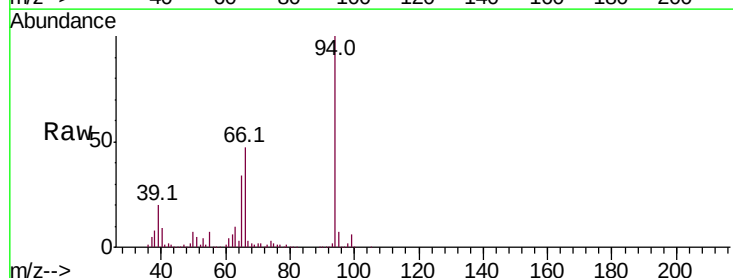
Tgt Ion: 94 Resp: 897432

Ion Ratio Lower Upper

94 100

65 33.9 9.5 49.5

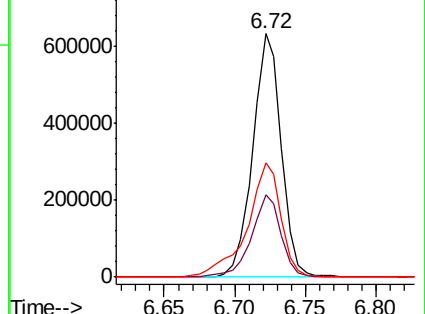
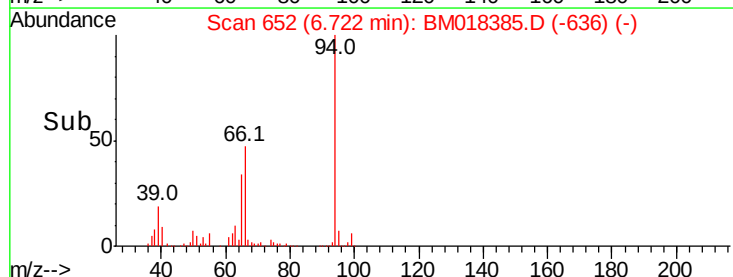
66 47.2 21.3 61.3

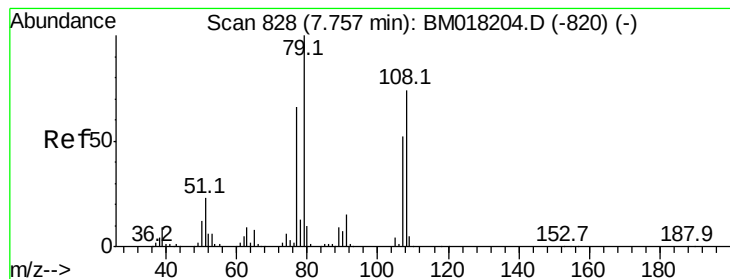


Abundance Ion 94.00 (93.70 to 94.70): BM018204.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM018204.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM018204.D (-645) (-)





#15

Benzyl Alcohol

Concen: 22.711 ng

RT: 7.73 min Scan# 824

Delta R.T. -0.02 min

Lab File: BM018385.D

Acq: 22 Dec 2018 16:11

Instrument :

BNA_M

ClientSampled :

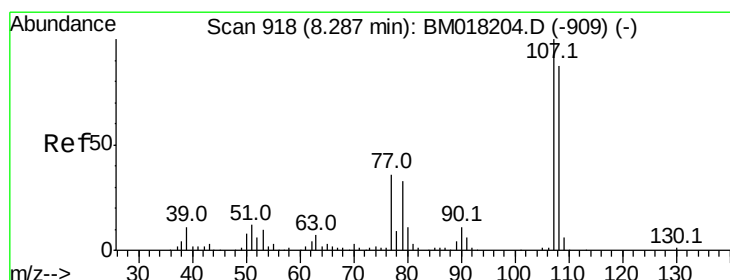
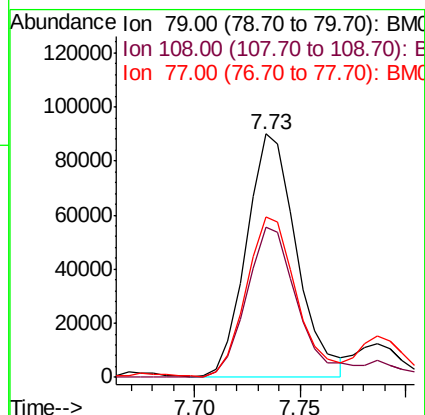
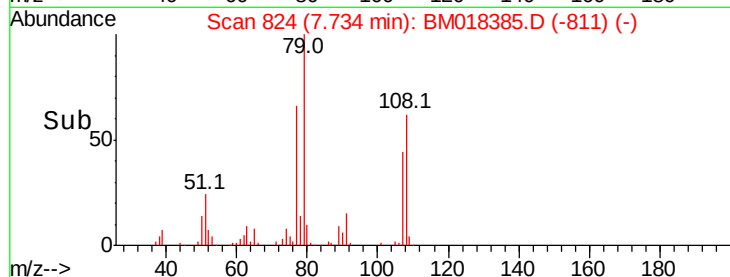
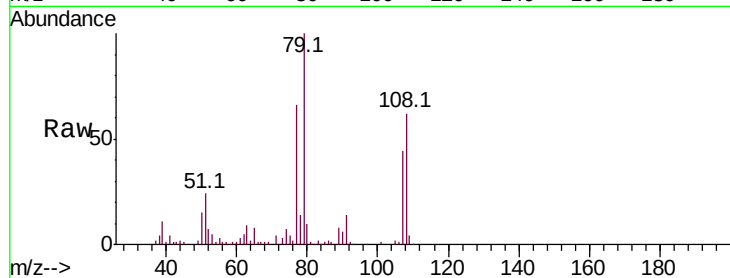
Tot Ion: 79 Resp: 149038

Ion Ratio Lower Upper

79 100

108 61.6 59.3 88.9

77 65.7 53.0 79.4



#20

3+4-Methylphenols

Concen: 33.505 ng

RT: 8.26 min Scan# 914

Delta R.T. -0.02 min

Lab File: BM018385.D

Acq: 22 Dec 2018 16:11

Tgt Ion: 107 Resp: 267378

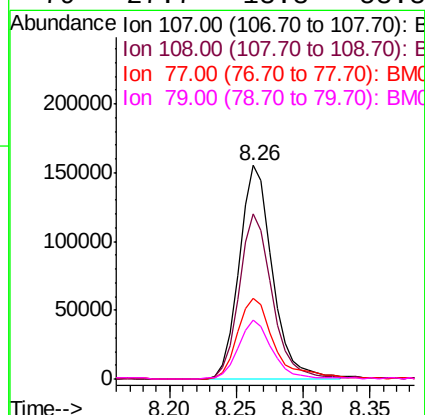
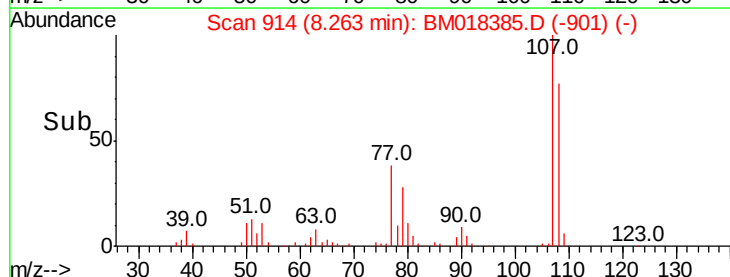
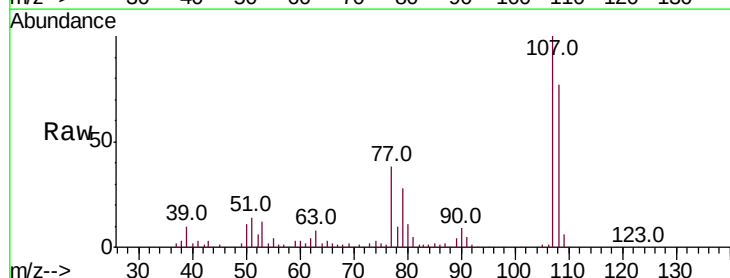
Ion Ratio Lower Upper

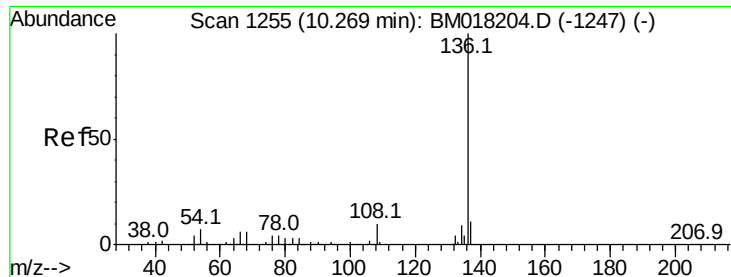
107 100

108 77.1 67.4 107.4

77 37.7 15.7 55.7

79 27.7 13.3 53.3

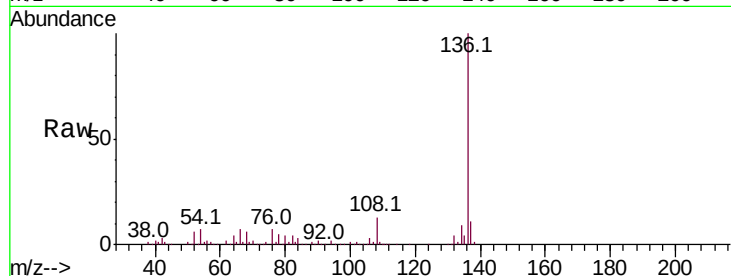




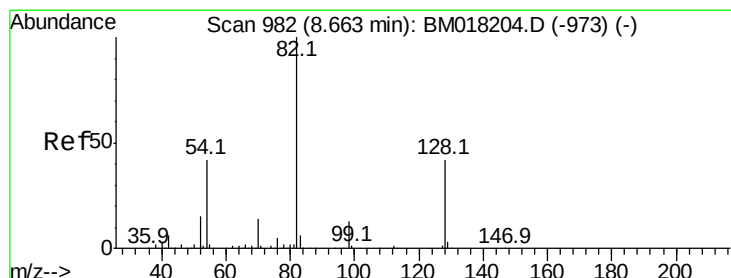
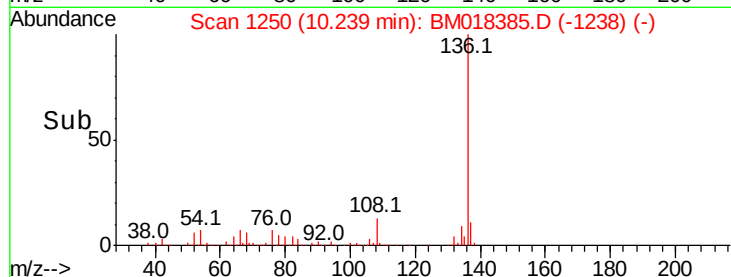
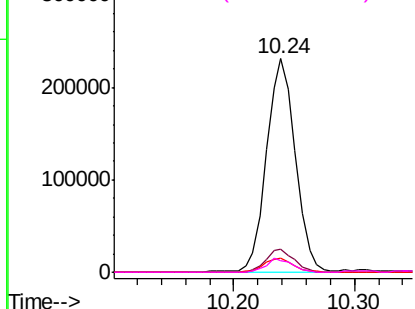
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.24 min Scan# 1250
Delta R.T. -0.03 min
Lab File: BM018385.D
Acq: 22 Dec 2018 16:11

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	384627
Ion Ratio	Lower	Upper
136 100		
137 10.7	9.2	13.8
54 6.7	5.2	7.8
68 5.6	5.0	7.6

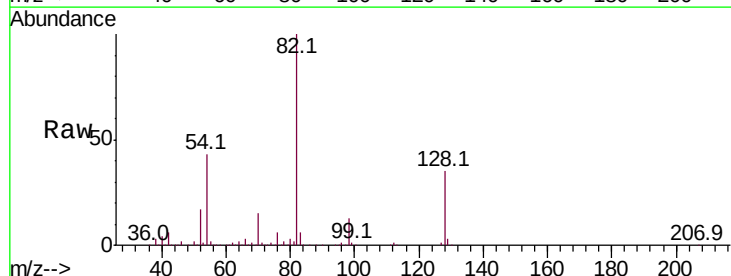


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

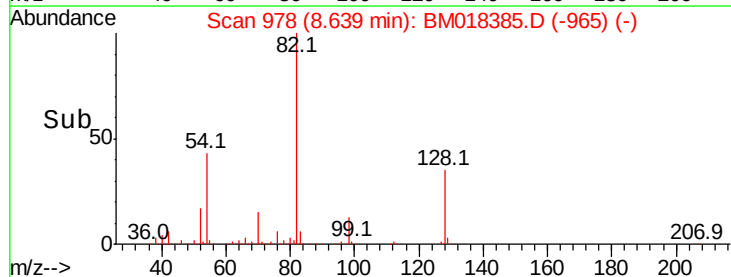
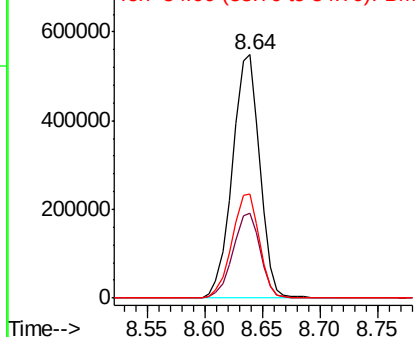


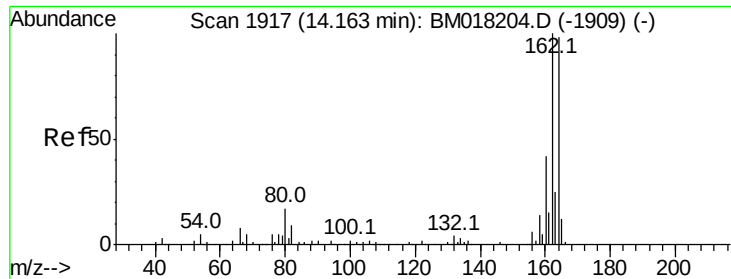
#23
Nitrobenzene-d5
Concen: 120.357 ng
RT: 8.64 min Scan# 978
Delta R.T. -0.02 min
Lab File: BM018385.D
Acq: 22 Dec 2018 16:11

Tgt	Ion: 82	Resp:	902500
Ion	Ratio	Lower	Upper
82	100		
128	35.0	33.4	50.2
54	43.0	33.4	50.2



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

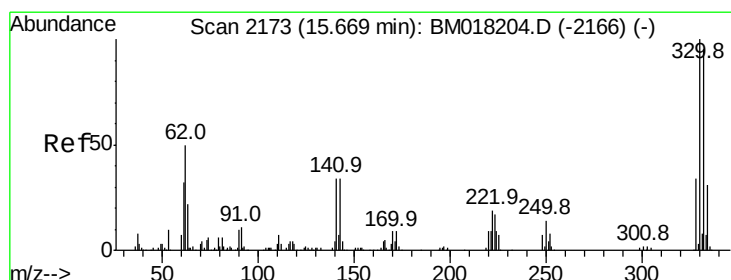
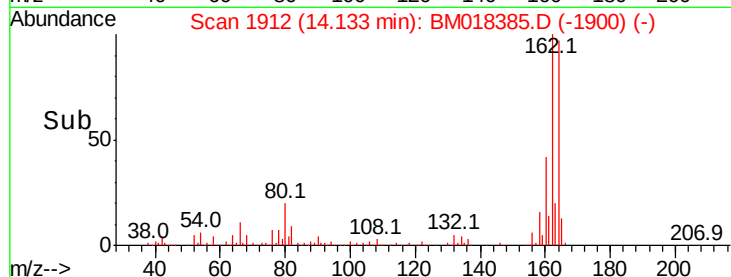
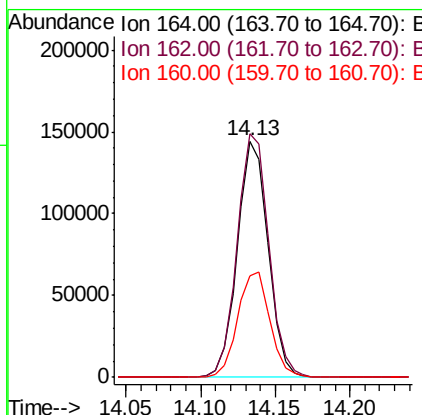
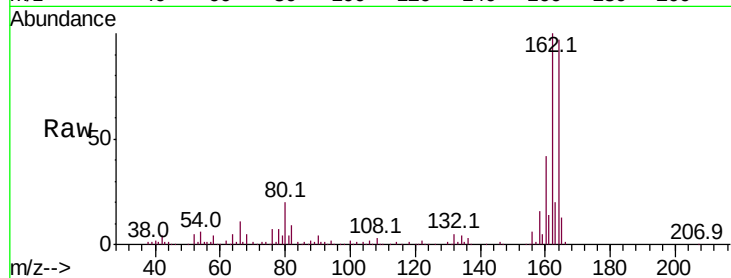




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.13 min Scan# 1912
 Delta R.T. -0.03 min
 Lab File: BM018385.D
 Acq: 22 Dec 2018 16:11

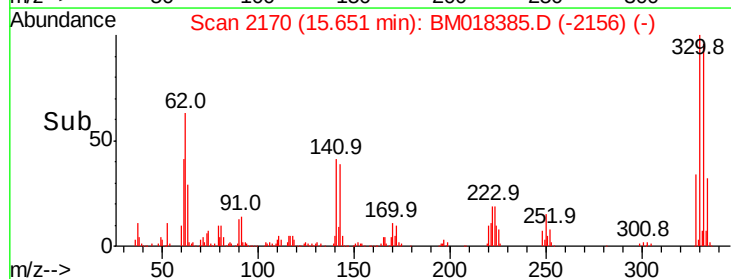
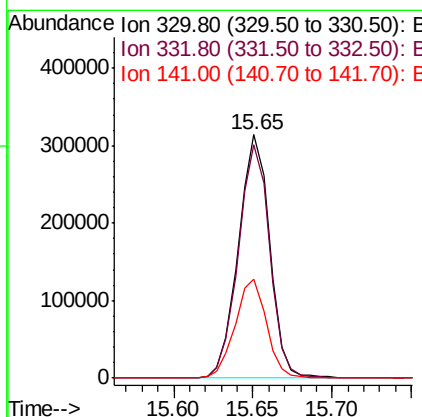
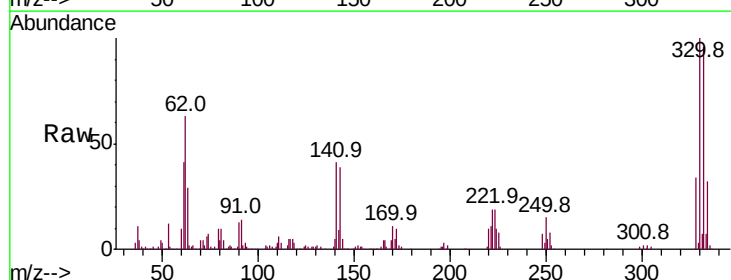
Instrument :
 BNA_M
 ClientSampleId :

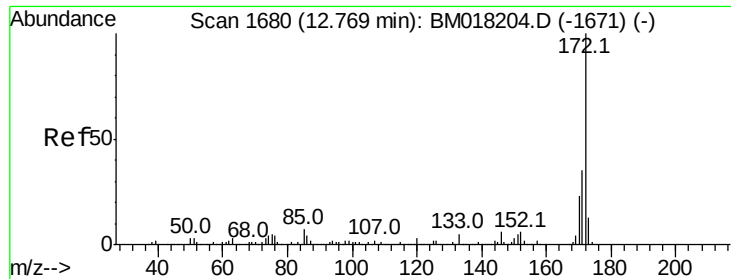
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.8	122.6
160	43.0	34.6	51.8



#42
 2,4,6-Tribromophenol
 Concen: 141.513 ng
 RT: 15.65 min Scan# 2170
 Delta R.T. -0.02 min
 Lab File: BM018385.D
 Acq: 22 Dec 2018 16:11

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.6	118.0
141	41.1	27.1	40.7



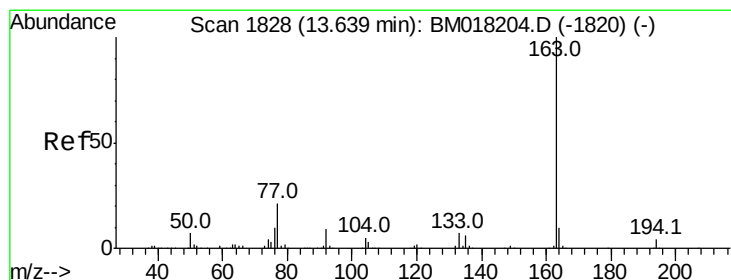
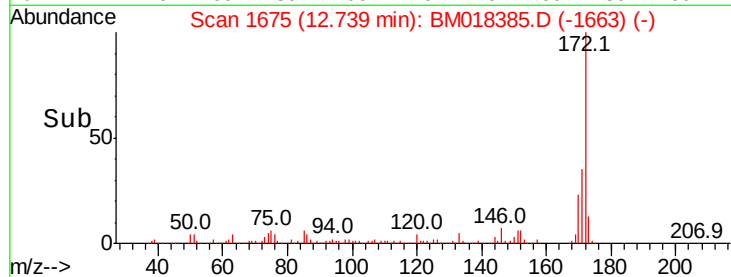
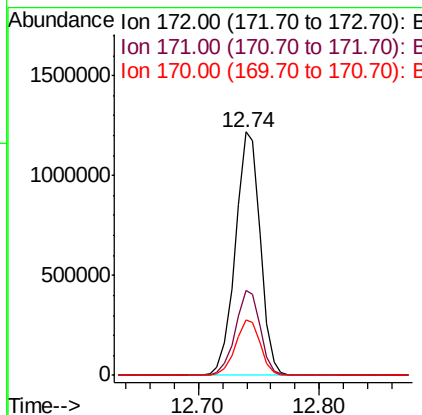
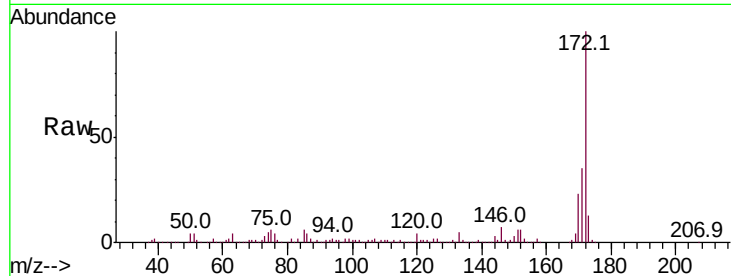


#45
 2-Fluorobiphenyl
 Concen: 109.294 ng
 RT: 12.74 min Scan# 1675
 Delta R.T. -0.03 min
 Lab File: BM018385.D
 Acq: 22 Dec 2018 16:11

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 1748886

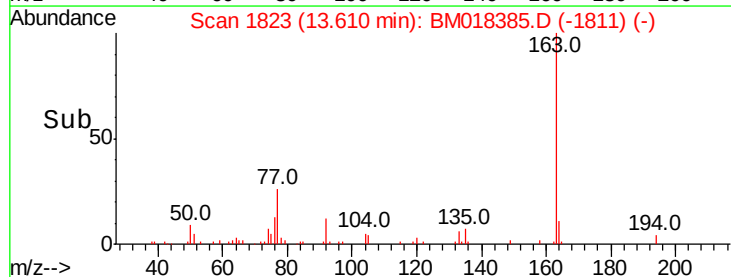
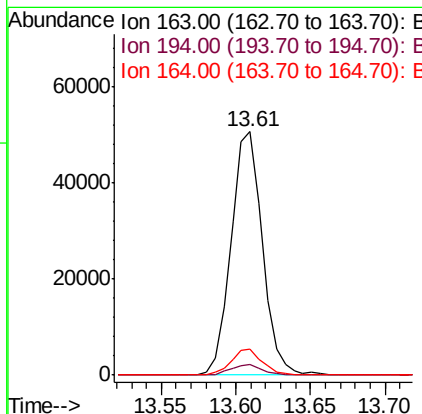
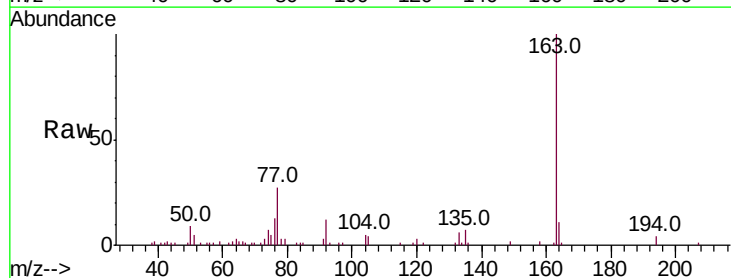
Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.3	42.5
170	23.0	18.1	27.1

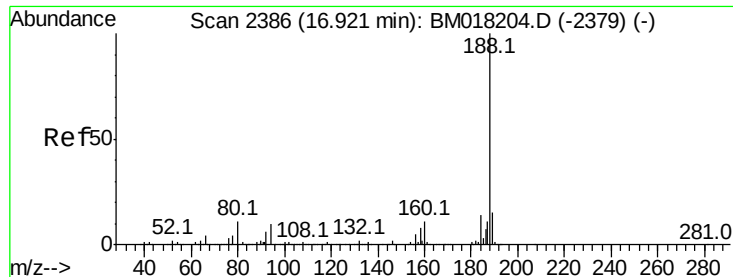


#50
 Dimethylphthalate
 Concen: 4.324 ng
 RT: 13.61 min Scan# 1823
 Delta R.T. -0.03 min
 Lab File: BM018385.D
 Acq: 22 Dec 2018 16:11

Tgt Ion:163 Resp: 74500

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.1	4.7
164	10.7	7.9	11.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.90 min Scan# 2383

Delta R.T. -0.02 min

Lab File: BM018385.D

Acq: 22 Dec 2018 16:11

Instrument :

BNA_M

ClientSampleId :

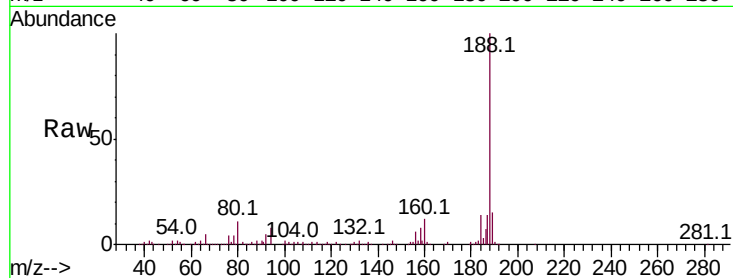
Tot Ion:188 Resp: 391001

Ion Ratio Lower Upper

188 100

94 8.0 8.0 12.0#

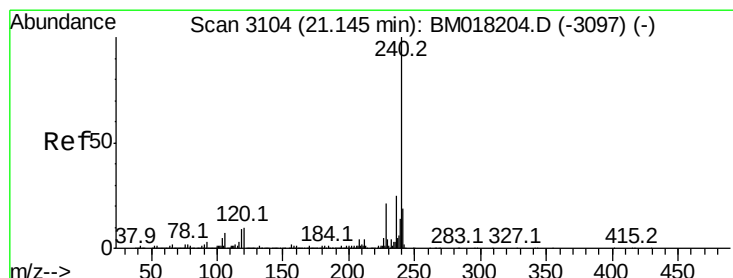
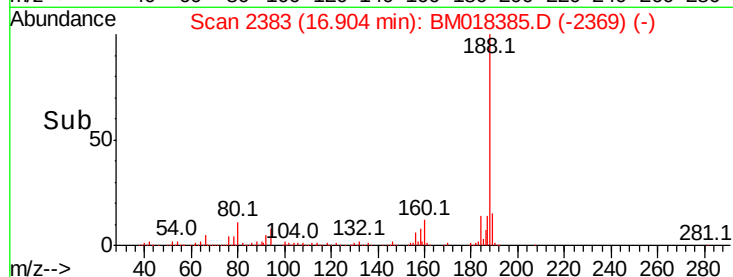
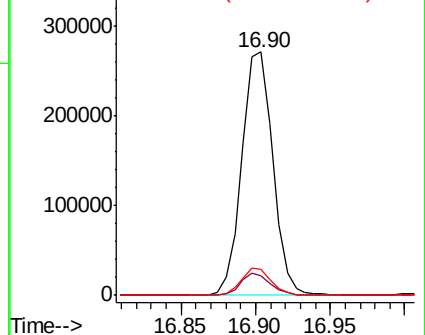
80 10.5 9.0 13.6



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: 21.13 min Scan# 3101

Delta R.T. -0.02 min

Lab File: BM018385.D

Acq: 22 Dec 2018 16:11

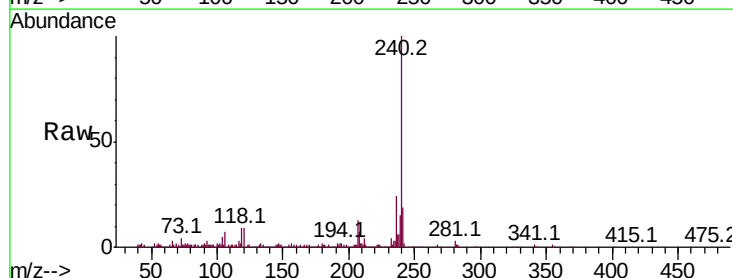
Tgt Ion:240 Resp: 335428

Ion Ratio Lower Upper

240 100

120 8.8 8.2 12.2

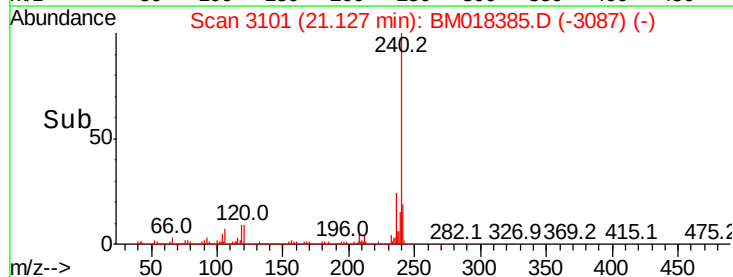
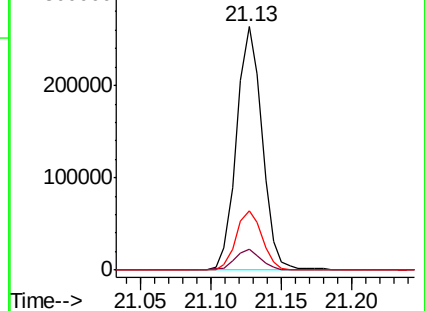
236 24.3 20.3 30.5

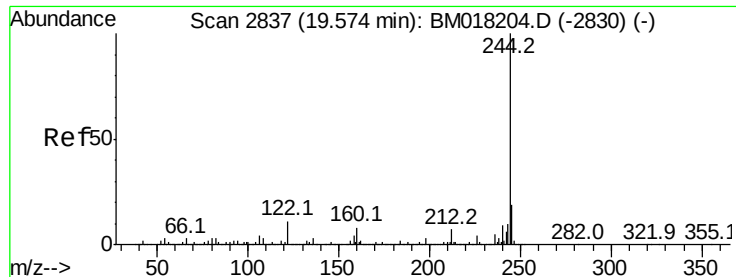


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 113.553 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM018385.D

Acq: 22 Dec 2018 16:11

Instrument :

BNA_M

ClientSampleId :

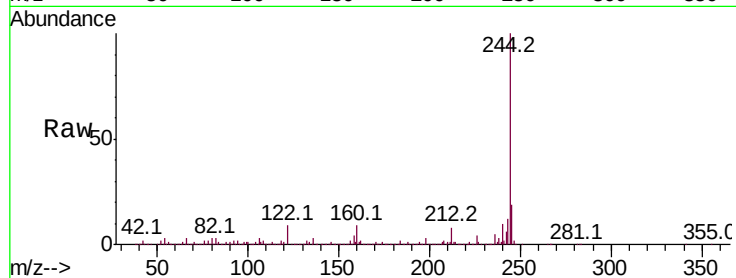
Tot Ion:244 Resp: 1684125

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

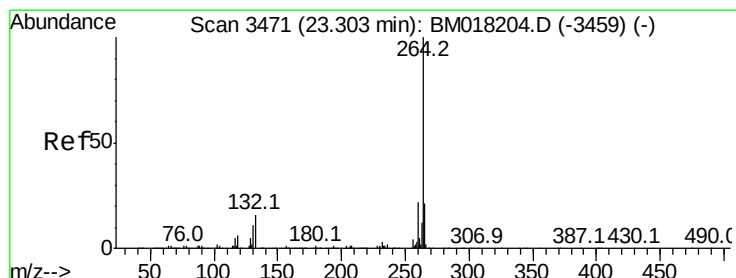
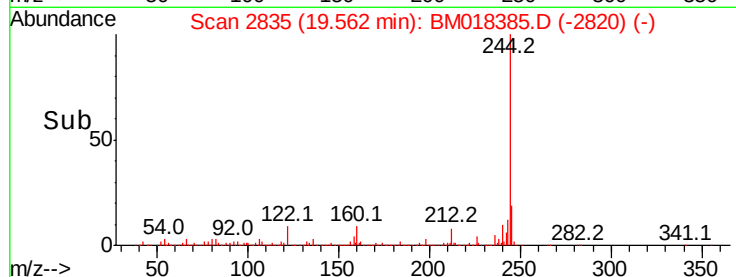
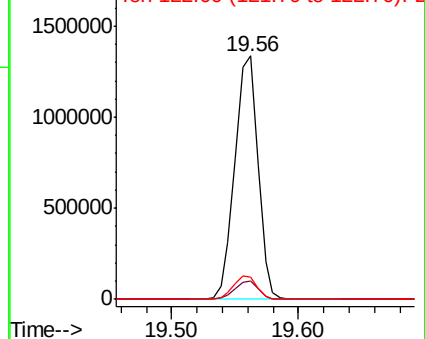
122 9.0 9.0 13.6#



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# 3468

Delta R.T. -0.02 min

Lab File: BM018385.D

Acq: 22 Dec 2018 16:11

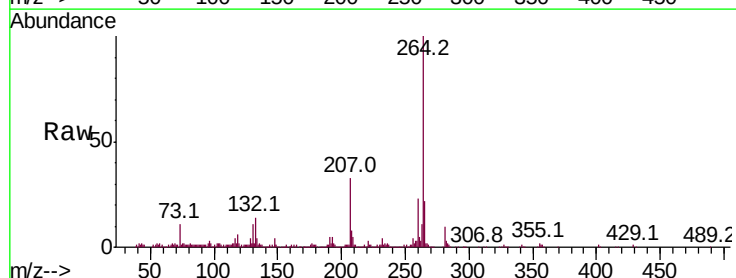
Tgt Ion:264 Resp: 381842

Ion Ratio Lower Upper

264 100

260 22.6 17.5 26.3

265 21.8 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

