

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
 Data File : BM018319.D
 Acq On : 20 Dec 2018 04:50
 Operator : JU/SJ
 Sample : J6378-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD013-0006-01

Quant Time: Dec 20 07:28:49 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

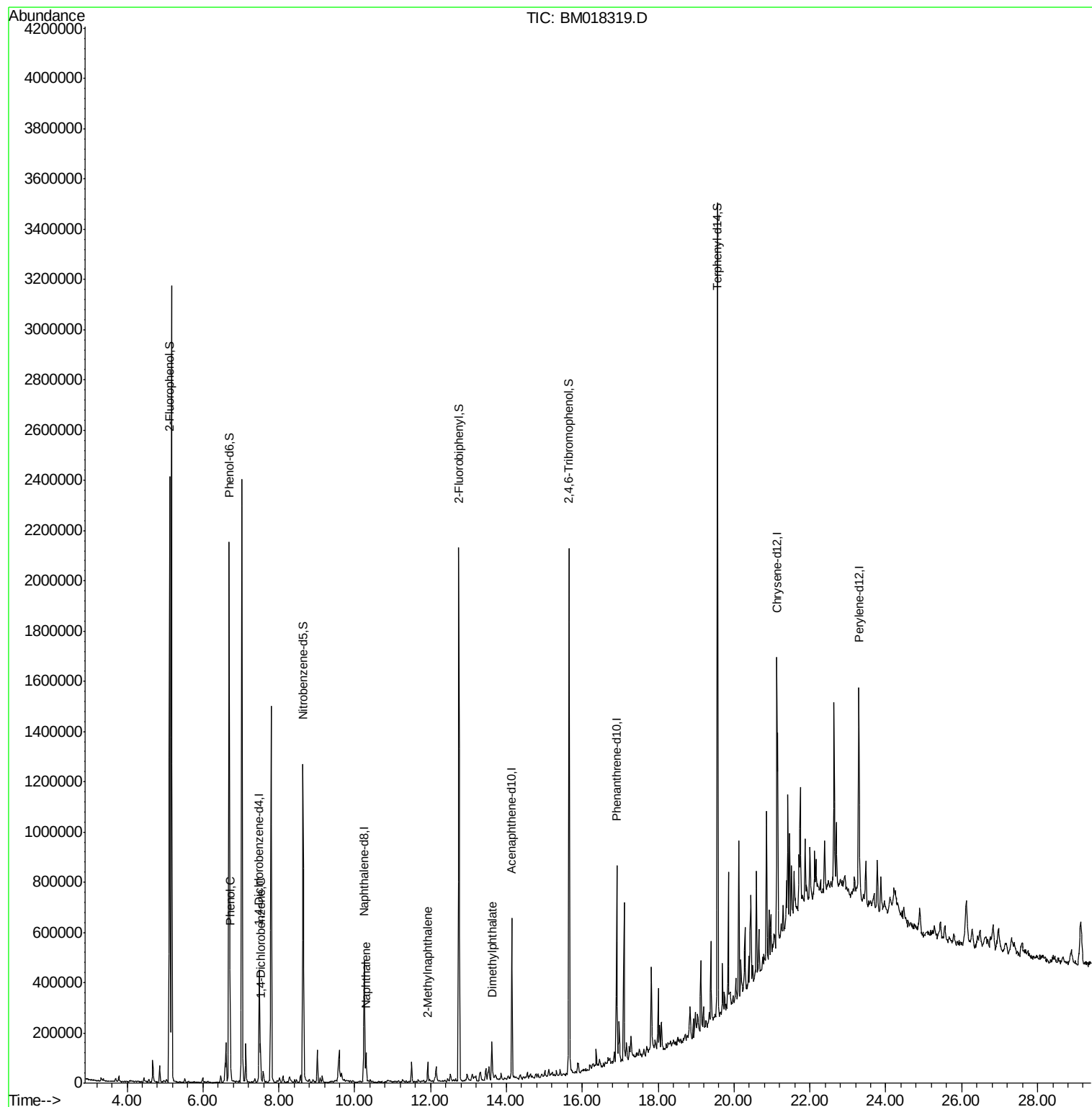
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	108532	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	391335	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	195231	20.00	ng	-0.02
64) Phenanthrene-d10	16.90	188	433468	20.00	ng	-0.02
76) Chrysene-d12	21.13	240	502679	20.00	ng	-0.02
87) Perylene-d12	23.29	264	551694	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	919955	141.60	ng	0.00
7) Phenol-d6	6.69	99	1207081	133.67	ng	-0.02
23) Nitrobenzene-d5	8.64	82	766418	100.46	ng	-0.02
42) 2,4,6-Tribromophenol	15.65	330	347595	121.31	ng	-0.02
45) 2-Fluorobiphenyl	12.75	172	1057052	70.13	ng	-0.02
79) Terphenyl-d14	19.56	244	1334651	60.05	ng	-0.01
Target Compounds						
10) Phenol	6.72	94	90501	9.463	ng	97
13) 1,4-Dichlorobenzene	7.52	146	48630	5.587	ng	91
31) Naphthalene	10.30	128	82823	4.328	ng	98
37) 2-Methylnaphthalene	11.92	142	36510	2.706	ng	95
50) Dimethylphthalate	13.62	163	79202	4.880	ng	100

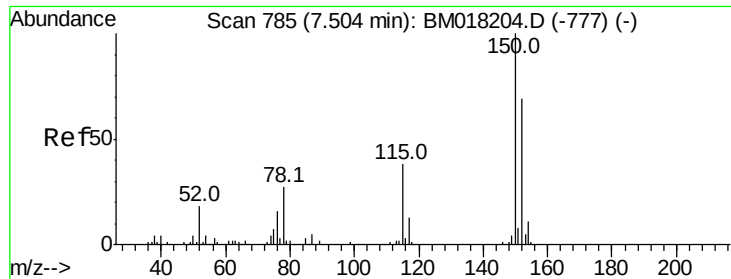
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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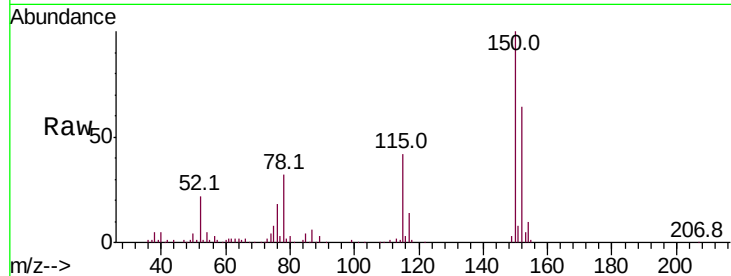


#1

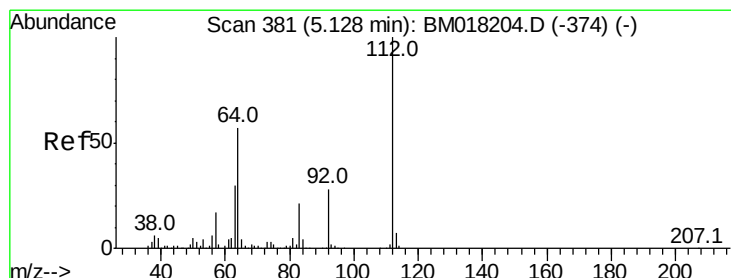
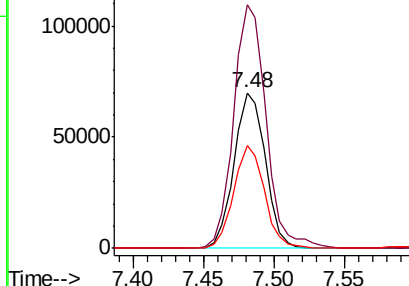
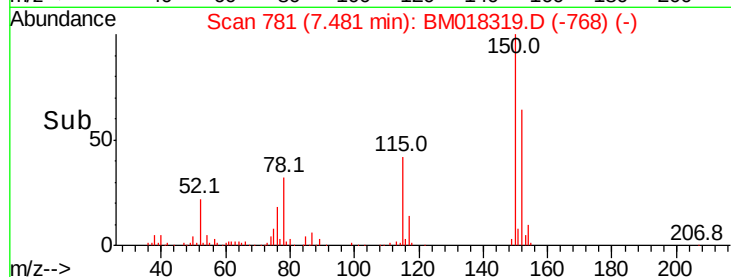
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.48 min Scan# 781
Delta R.T. -0.02 min
Lab File: BM018319.D
Acq: 20 Dec 2018 04:50

Instrument :
BNA_M
ClientSampleId :
P001-SD013-0006-01

Tot Ion:152 Resp: 108532
Ion Ratio Lower Upper
152 100
150 156.7 116.1 174.1
115 66.5 44.6 67.0



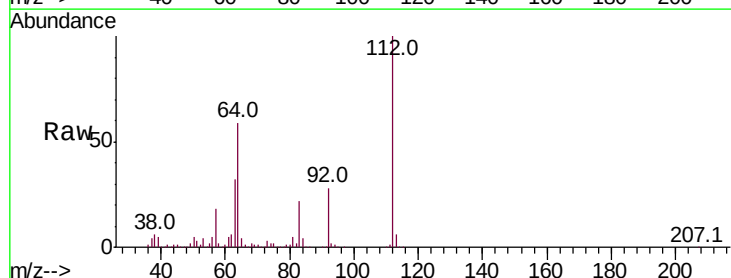
Abundance Ion 152.00 (151.70 to 152.70): E
150000 Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



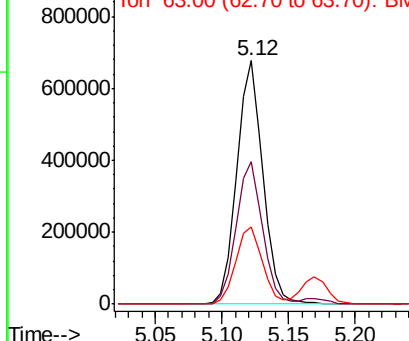
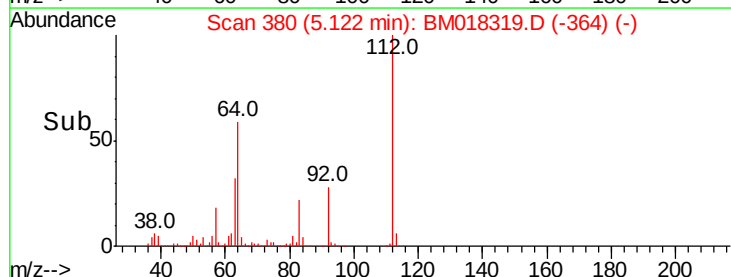
#5

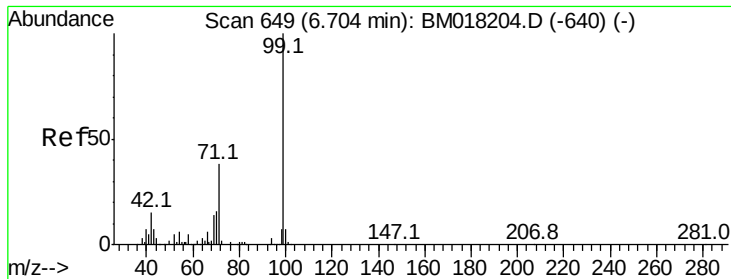
2-Fluorophenol
Concen: 141.596 ng
RT: 5.12 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM018319.D
Acq: 20 Dec 2018 04:50

Tgt Ion:112 Resp: 919955
Ion Ratio Lower Upper
112 100
64 58.6 45.4 68.2
63 31.8 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: 133.669 ng

RT: 6.69 min Scan# 646

Delta R.T. -0.02 min

Lab File: BM018319.D

Acq: 20 Dec 2018 04:50

Instrument :

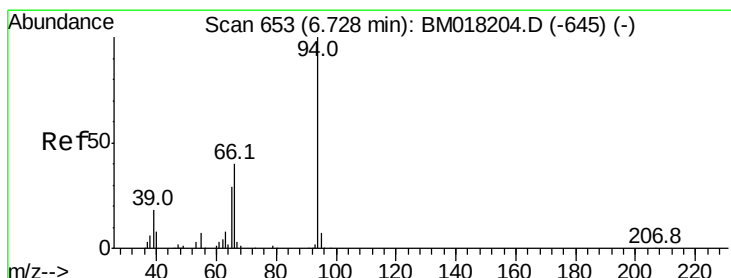
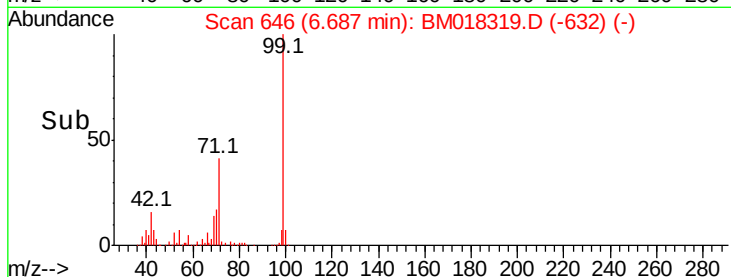
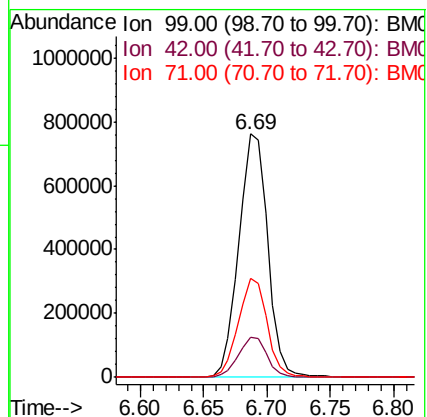
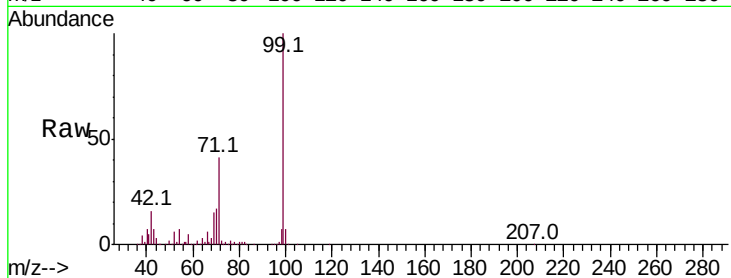
BNA_M

ClientSampleId :

P001-SD013-0006-01

Tot Ion: 99 Resp: 1207081

Ion	Ratio	Lower	Upper
99	100		
42	16.3	12.3	18.5
71	40.6	30.2	45.2



#10

Phenol

Concen: 9.463 ng

RT: 6.72 min Scan# 651

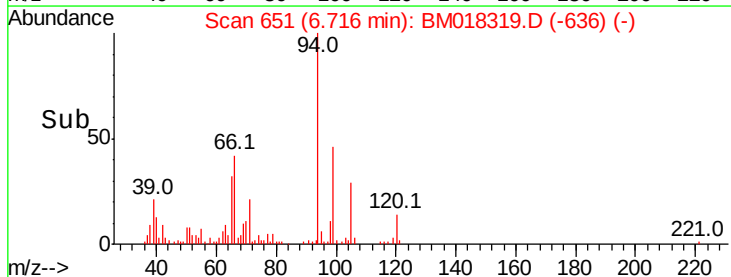
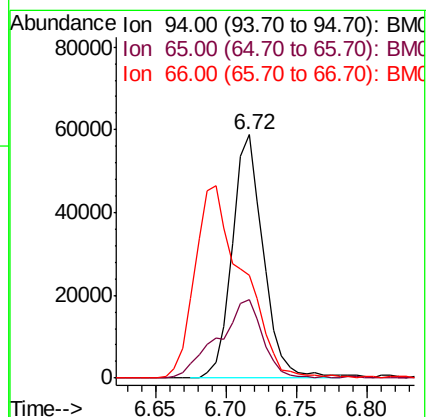
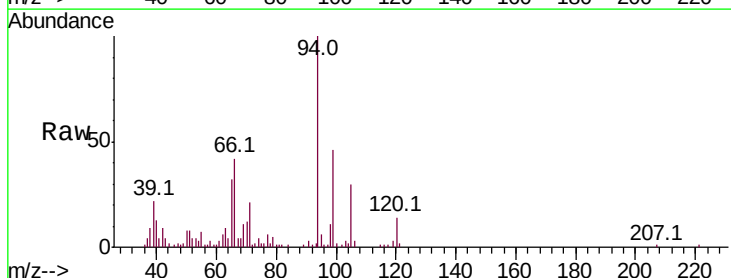
Delta R.T. -0.01 min

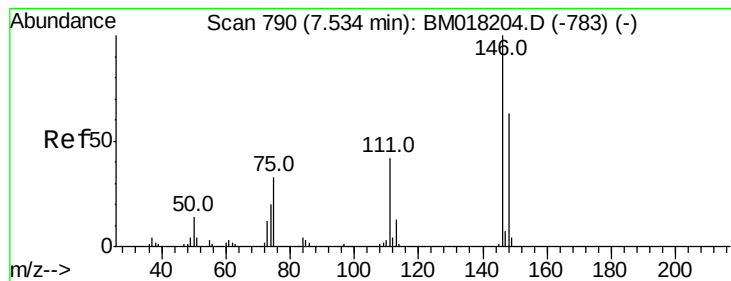
Lab File: BM018319.D

Acq: 20 Dec 2018 04:50

Tgt Ion: 94 Resp: 90501

Ion	Ratio	Lower	Upper
94	100		
65	32.4	9.5	49.5
66	42.4	21.3	61.3





#13

1,4-Dichlorobenzene

Concen: 5.587 ng

RT: 7.52 min Scan# 787

Delta R.T. -0.02 min

Lab File: BM018319.D

Acq: 20 Dec 2018 04:50

Instrument :

BNA_M

ClientSampleId :

P001-SD013-0006-01

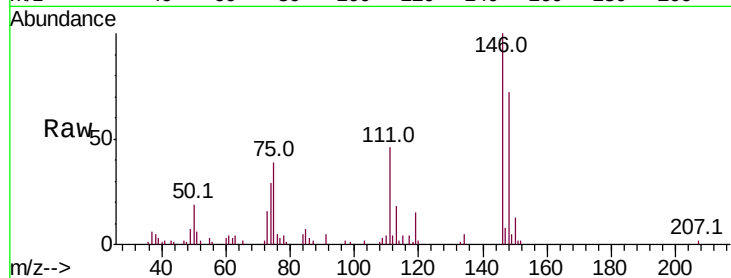
Tot Ion:146 Resp: 48630

Ion Ratio Lower Upper

146 100

148 71.7 50.7 76.1

111 46.4 34.2 51.2

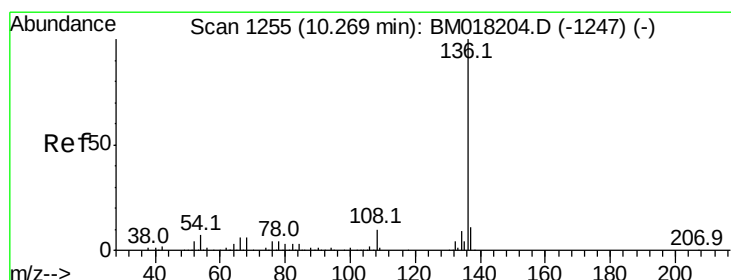
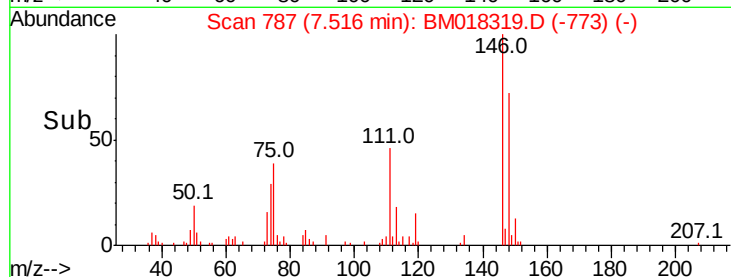
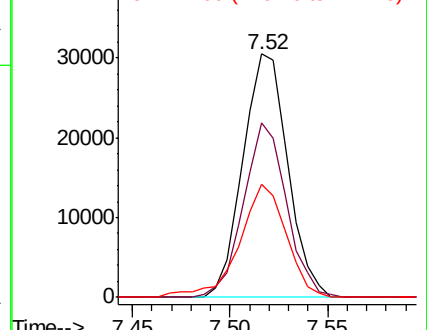


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.25 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BM018319.D

Acq: 20 Dec 2018 04:50

Tgt Ion:136 Resp: 391335

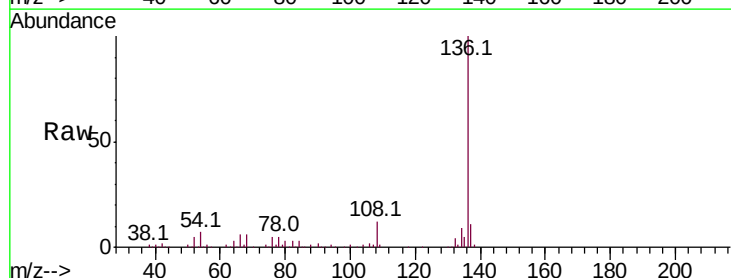
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 6.8 5.2 7.8

68 6.1 5.0 7.6



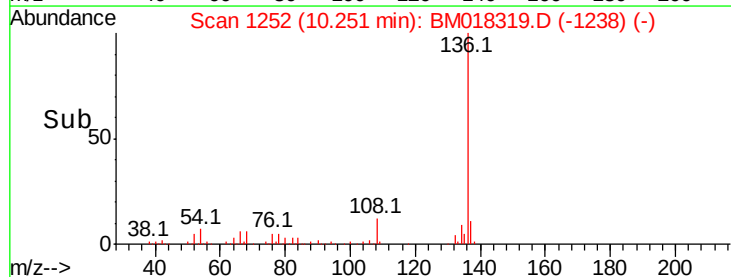
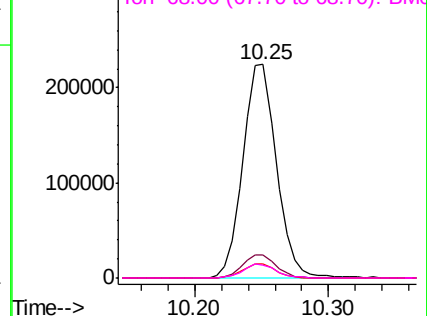
Abundance

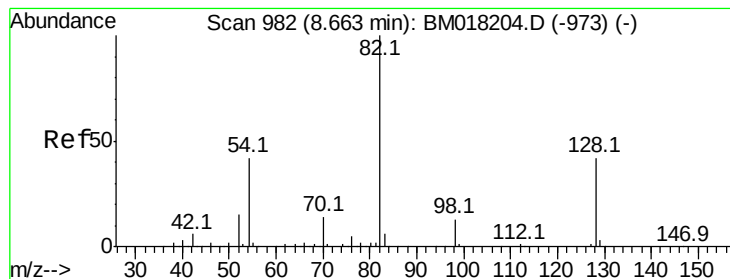
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0





#23

Nitrobenzene-d5

Concen: 100.457 ng

RT: 8.64 min Scan# 978

Delta R.T. -0.02 min

Lab File: BM018319.D

Acq: 20 Dec 2018 04:50

Instrument :

BNA_M

ClientSampleId :

P001-SD013-0006-01

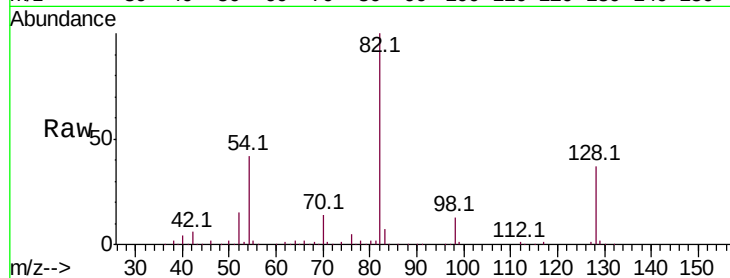
Tot Ion: 82 Resp: 766418

Ion Ratio Lower Upper

82 100

128 36.6 33.4 50.2

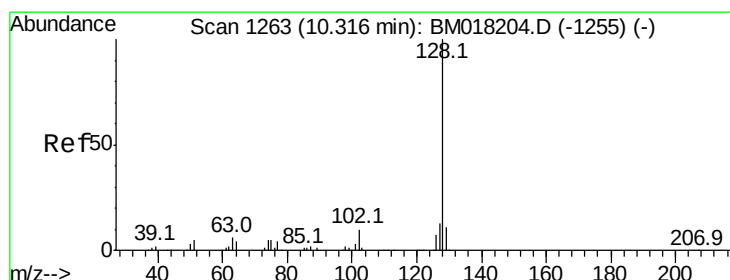
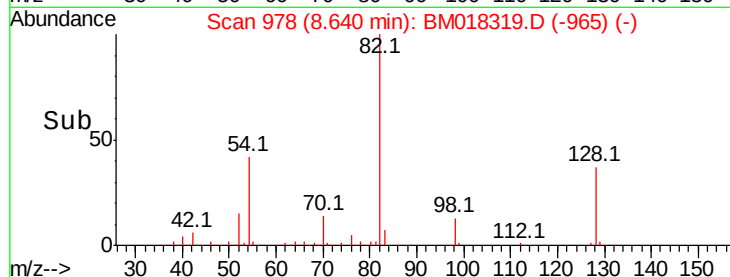
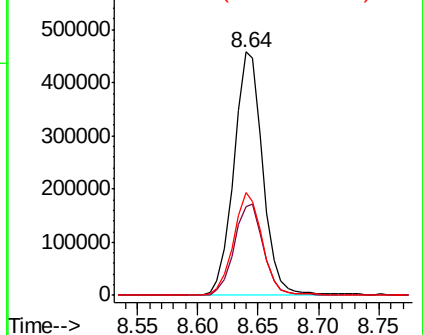
54 42.4 33.4 50.2



Abundance Ion 82.00 (81.70 to 82.70): BM018204.D (-973) (-)

Ion 128.00 (127.70 to 128.70): BM018204.D (-973) (-)

Ion 54.00 (53.70 to 54.70): BM018204.D (-973) (-)



#31

Naphthalene

Concen: 4.328 ng

RT: 10.30 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BM018319.D

Acq: 20 Dec 2018 04:50

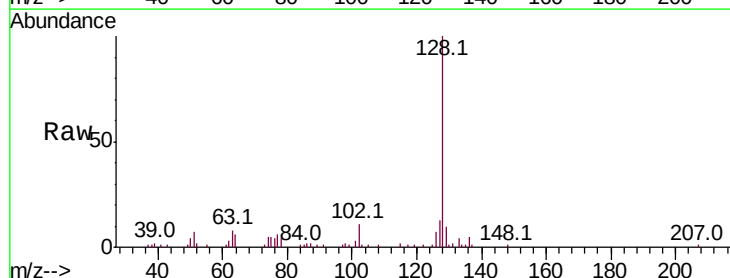
Tgt Ion: 128 Resp: 82823

Ion Ratio Lower Upper

128 100

129 9.9 8.9 13.3

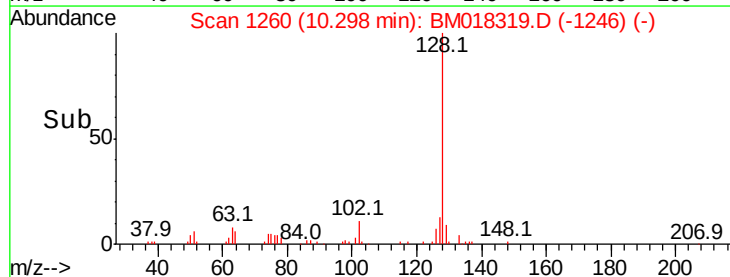
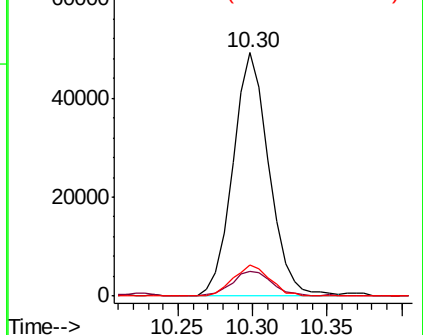
127 12.8 10.4 15.6

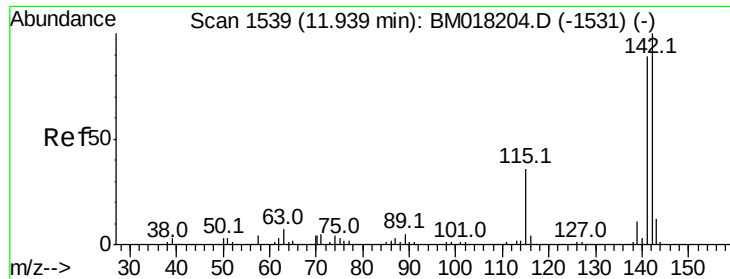


Abundance Ion 128.00 (127.70 to 128.70): BM018204.D (-1255) (-)

Ion 129.00 (128.70 to 129.70): BM018204.D (-1255) (-)

Ion 127.00 (126.70 to 127.70): BM018204.D (-1255) (-)

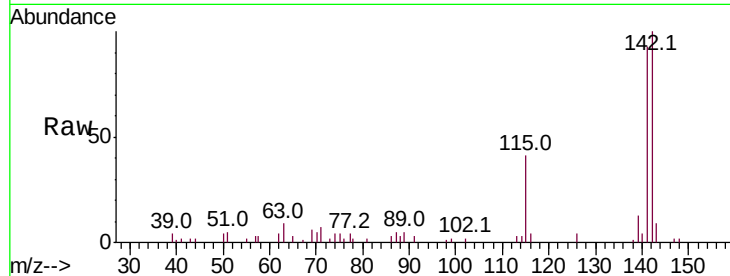




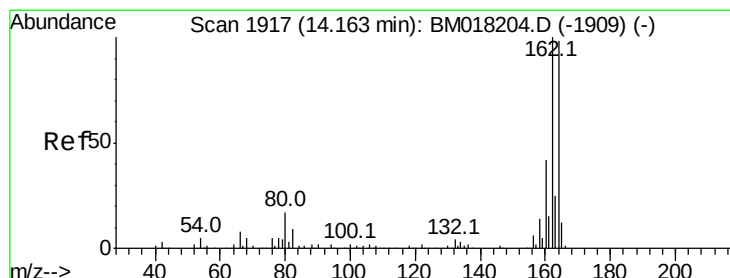
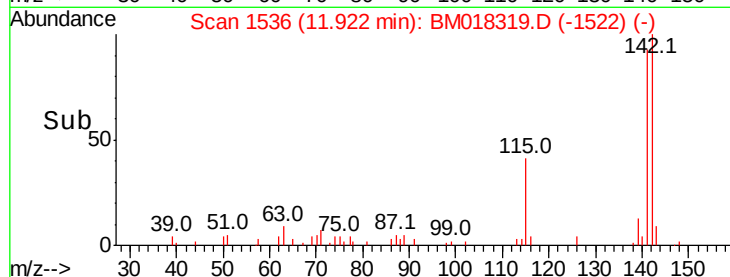
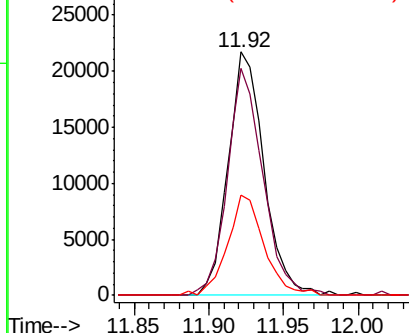
#37
2-Methylnaphthalene
Concen: 2.706 ng
RT: 11.92 min Scan# 1536
Delta R.T. -0.02 min
Lab File: BM018319.D
Acq: 20 Dec 2018 04:50

Instrument :
BNA_M
ClientSampleId :
P001-SD013-0006-01

Tot Ion:142 Resp: 36510
Ion Ratio Lower Upper
142 100
141 93.0 71.4 107.2
115 41.4 29.0 43.6

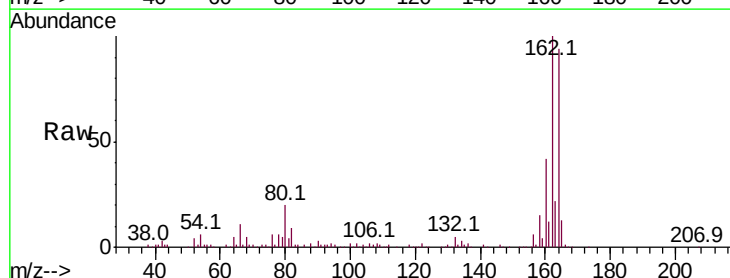


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

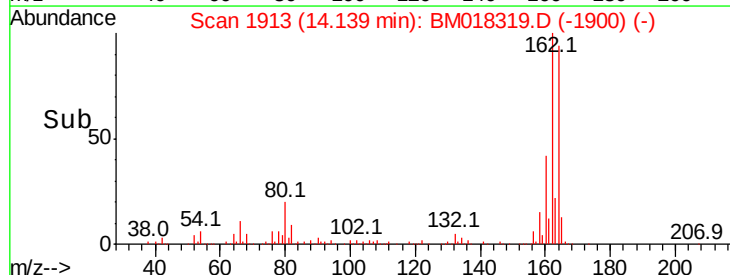
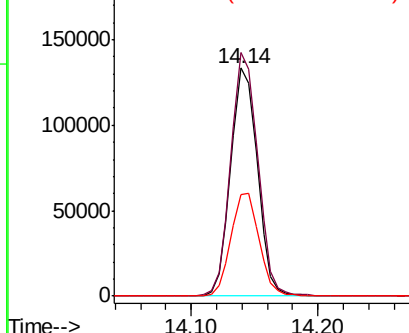


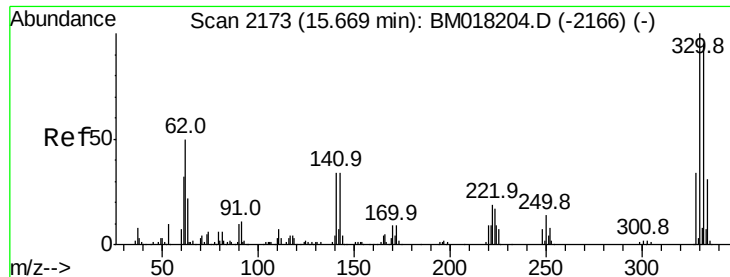
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.14 min Scan# 1913
Delta R.T. -0.02 min
Lab File: BM018319.D
Acq: 20 Dec 2018 04:50

Tgt Ion:164 Resp: 195231
Ion Ratio Lower Upper
164 100
162 106.9 81.8 122.6
160 44.7 34.6 51.8



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

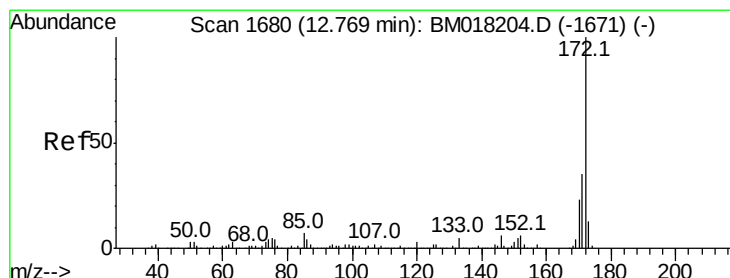
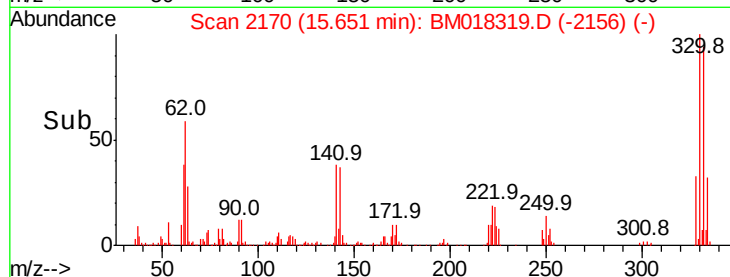
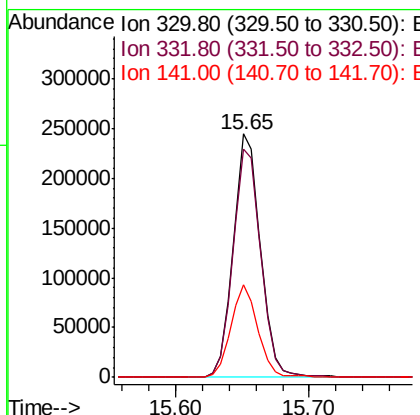
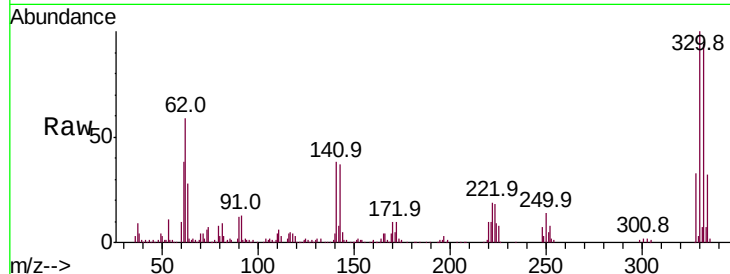




#42
 2,4,6-Tribromophenol
 Concen: 121.306 ng
 RT: 15.65 min Scan# 2170
 Delta R.T. -0.02 min
 Lab File: BM018319.D
 Acq: 20 Dec 2018 04:50

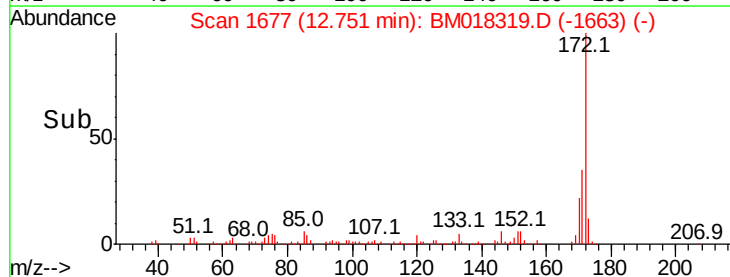
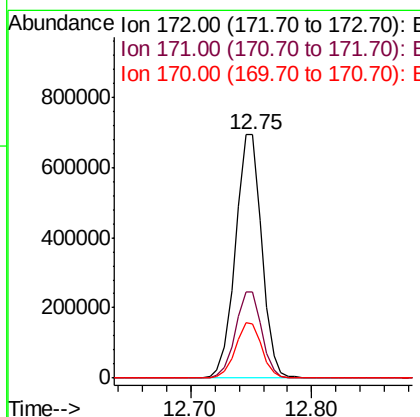
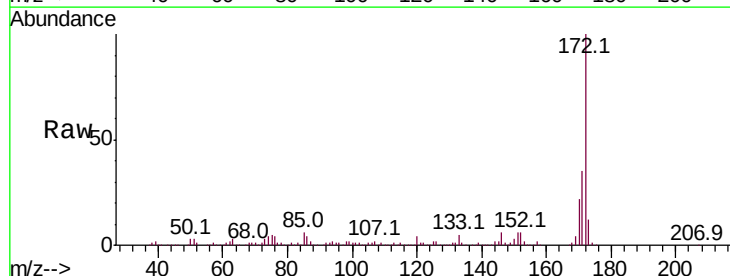
Instrument :
 BNA_M
 ClientSampleId :
 P001-SD013-0006-01

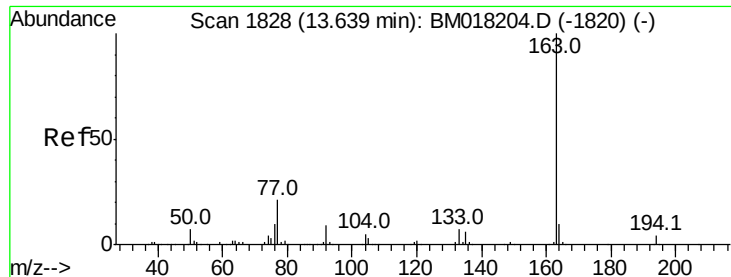
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.6	118.0
141	38.1	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 70.129 ng
 RT: 12.75 min Scan# 1677
 Delta R.T. -0.02 min
 Lab File: BM018319.D
 Acq: 20 Dec 2018 04:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.3	42.5
170	22.2	18.1	27.1





#50

Dimethylphthalate

Concen: 4.880 ng

RT: 13.62 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BM018319.D

Acq: 20 Dec 2018 04:50

Instrument :

BNA_M

ClientSampleId :

P001-SD013-0006-01

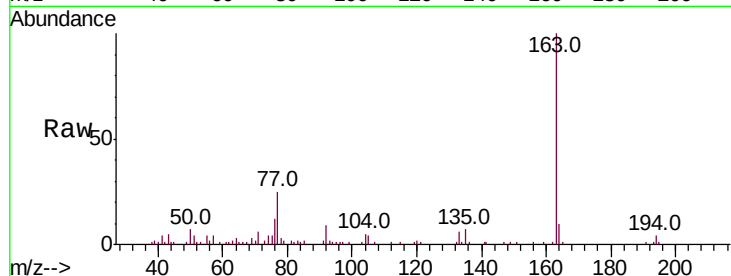
Tot Ion:163 Resp: 79202

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

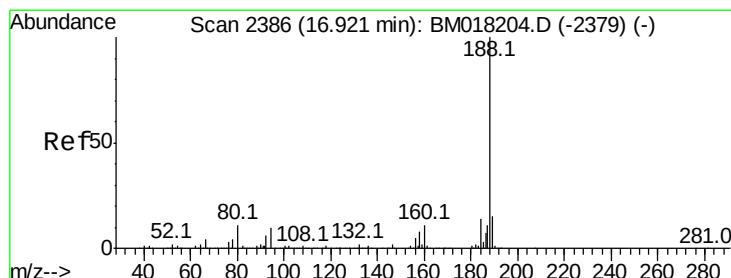
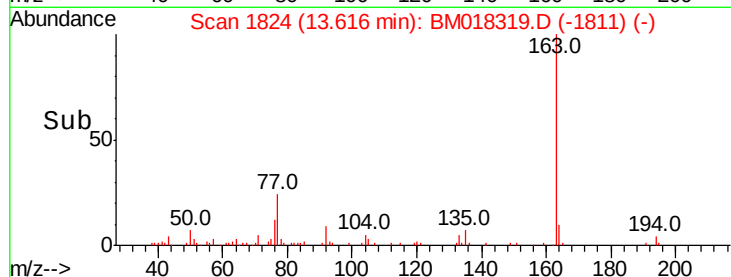
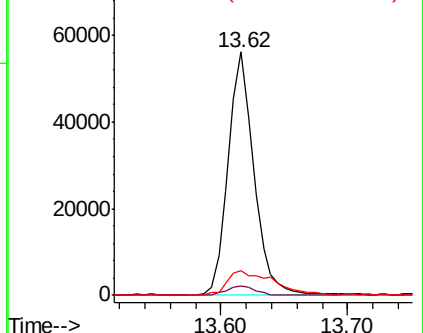
164 10.0 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.90 min Scan# 2383

Delta R.T. -0.02 min

Lab File: BM018319.D

Acq: 20 Dec 2018 04:50

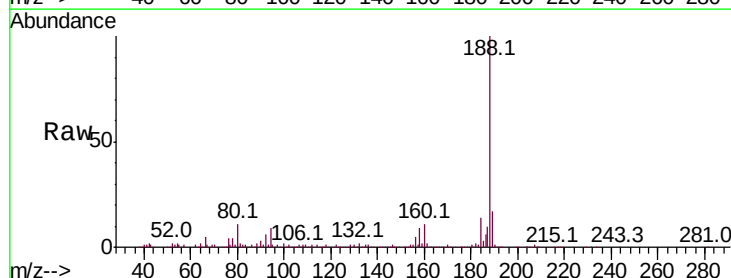
Tgt Ion:188 Resp: 433468

Ion Ratio Lower Upper

188 100

94 8.8 8.0 12.0

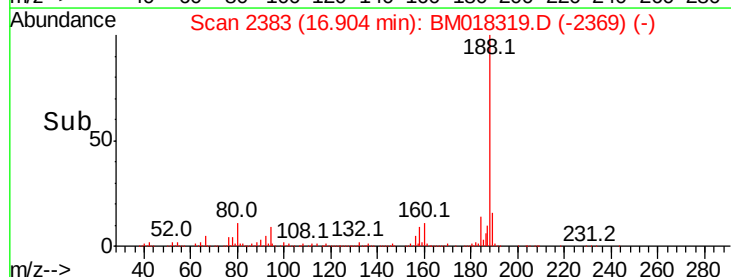
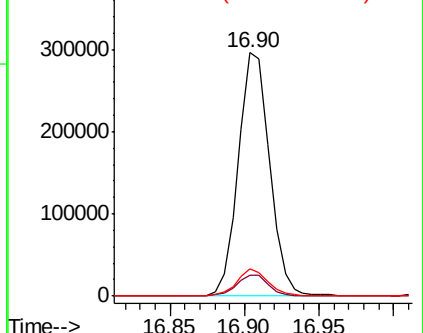
80 11.0 9.0 13.6

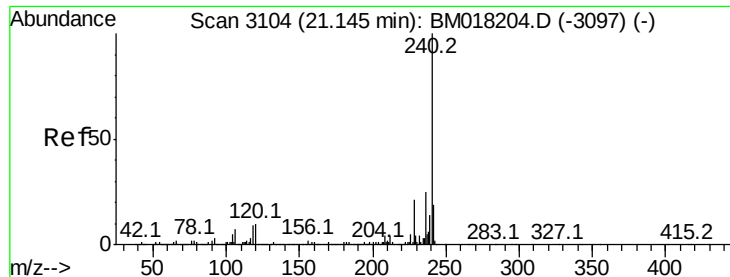


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

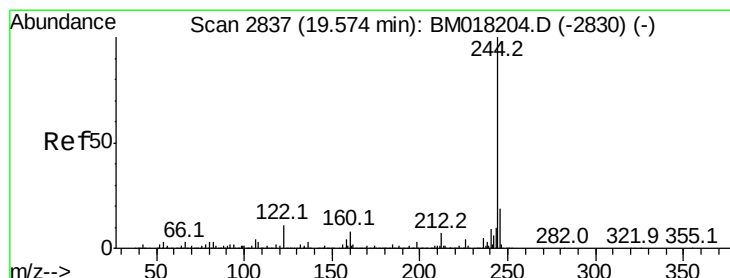
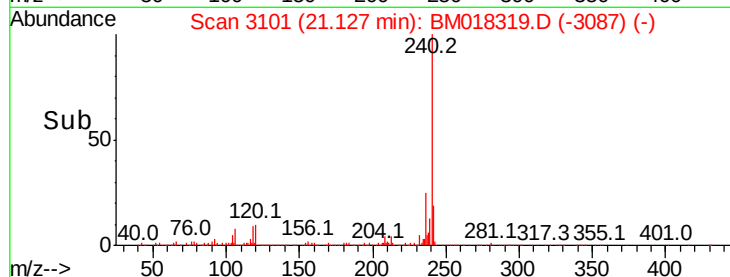
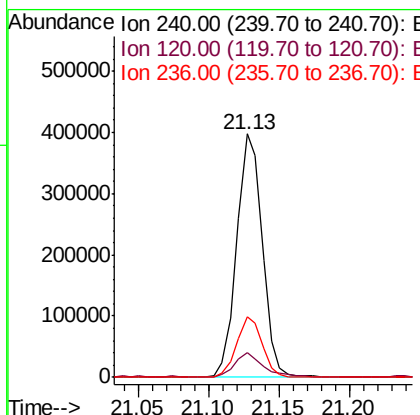
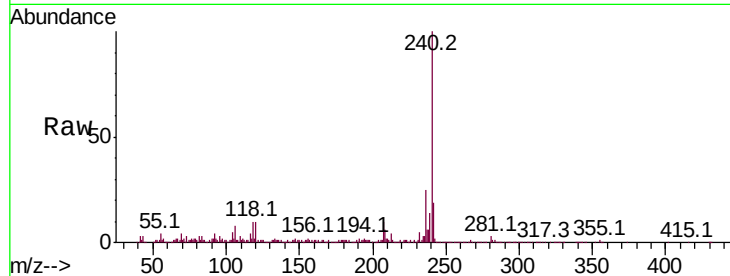




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BM018319.D
Acq: 20 Dec 2018 04:50

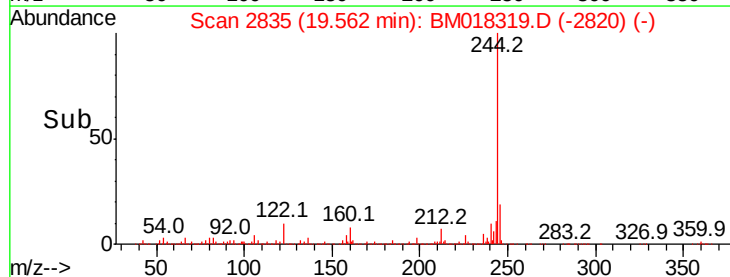
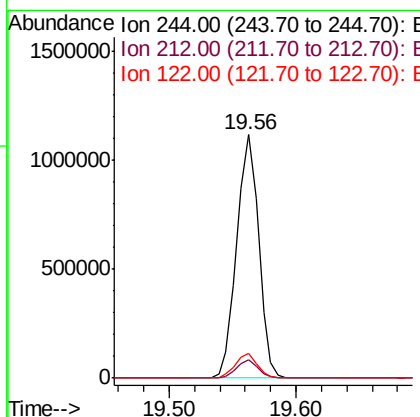
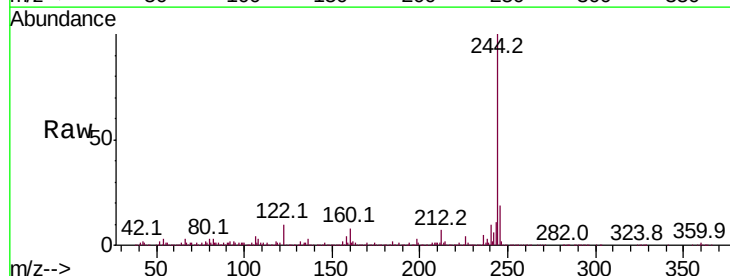
Instrument :
BNA_M
ClientSampleId :
P001-SD013-0006-01

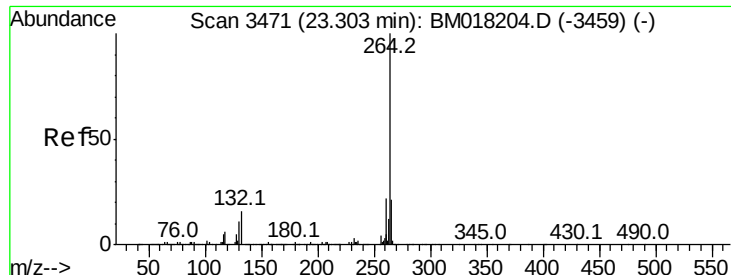
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.2	12.2
236	24.7	20.3	30.5



#79
Terphenyl-d14
Concen: 60.048 ng
RT: 19.56 min Scan# 2835
Delta R.T. -0.01 min
Lab File: BM018319.D
Acq: 20 Dec 2018 04:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	10.3	9.0	13.6





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.29 min Scan# 3469
 Delta R.T. -0.01 min
 Lab File: BM018319.D
 Acq: 20 Dec 2018 04:50

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD013-0006-01

Tot Ion:	264	Resp:	551694
Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.5	26.3
265	23.1	17.3	25.9

