

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121618\
 Data File : BM018224.D
 Acq On : 16 Dec 2018 13:37
 Operator : JU/SJ
 Sample : J6377-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 17 03:54:27 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

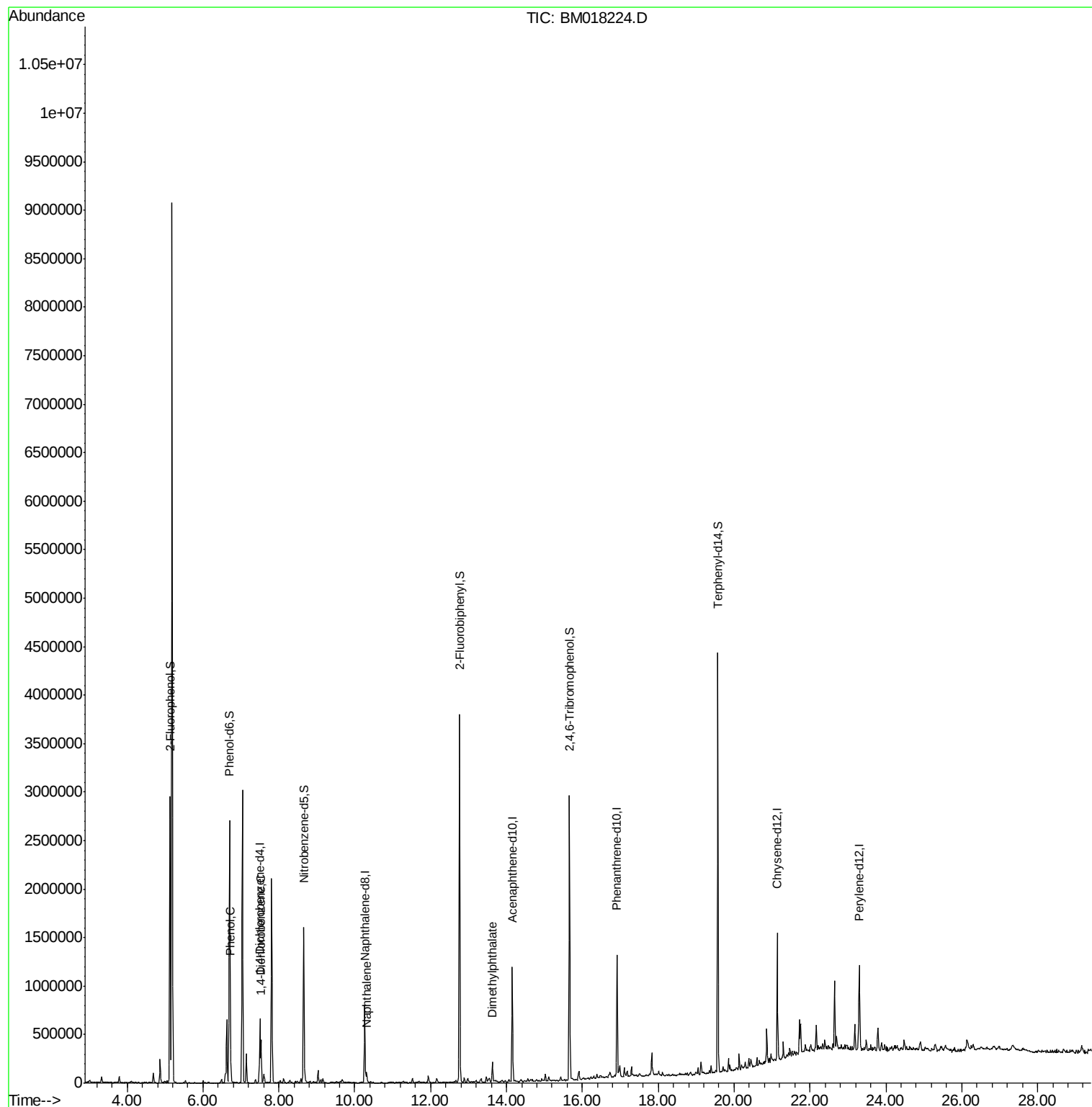
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	160932	20.00	ng	0.00
21) Naphthalene-d8	10.26	136	648319	20.00	ng	0.00
39) Acenaphthene-d10	14.16	164	367598	20.00	ng	0.00
64) Phenanthrene-d10	16.92	188	728005	20.00	ng	0.00
76) Chrysene-d12	21.14	240	609178	20.00	ng	0.00
87) Perylene-d12	23.30	264	594403	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	1147259	119.09	ng	0.00
7) Phenol-d6	6.70	99	1534203	114.58	ng	0.00
23) Nitrobenzene-d5	8.66	82	950547	75.21	ng	0.00
42) 2,4,6-Tribromophenol	15.66	330	533071	98.80	ng	0.00
45) 2-Fluorobiphenyl	12.76	172	1837108	64.73	ng	0.00
79) Terphenyl-d14	19.57	244	1974308	73.30	ng	0.00
Target Compounds						
10) Phenol	6.72	94	107972	7.614	ng	93
13) 1,4-Dichlorobenzene	7.53	146	166501	12.900	ng	98
31) Naphthalene	10.32	128	73165	2.308	ng	98
50) Dimethylphthalate	13.63	163	114293	3.740	ng	# 99

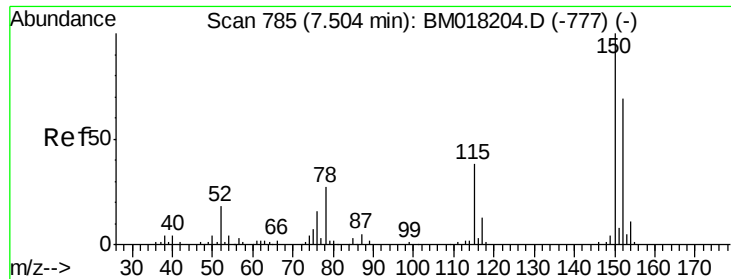
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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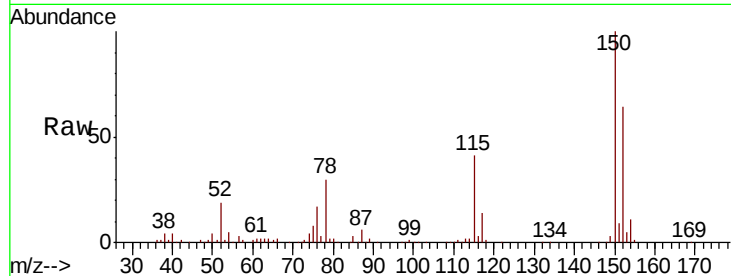


#1

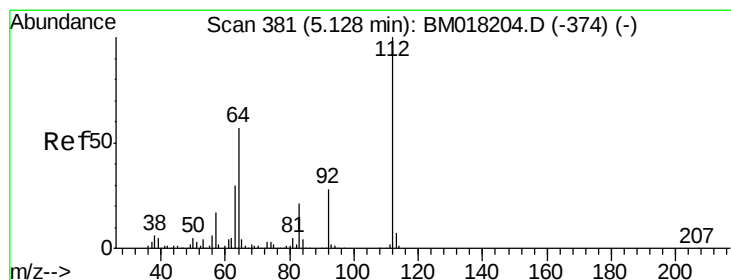
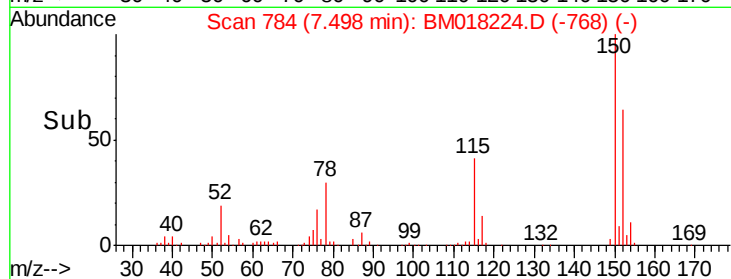
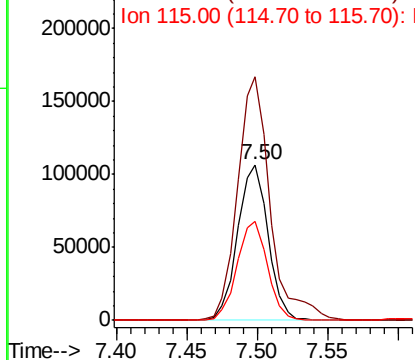
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 784
Delta R.T. -0.01 min
Lab File: BM018224.D
Acq: 16 Dec 2018 13:37

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 160932
Ion Ratio Lower Upper
152 100
150 156.6 116.1 174.1
115 63.5 44.6 67.0



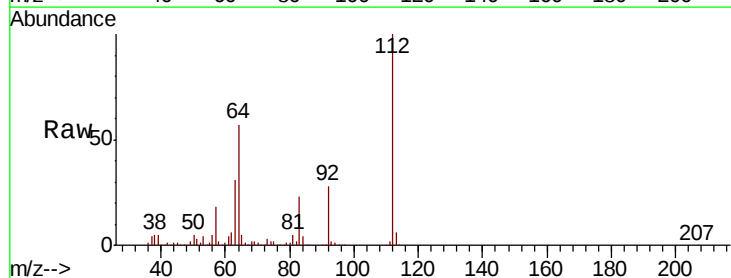
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



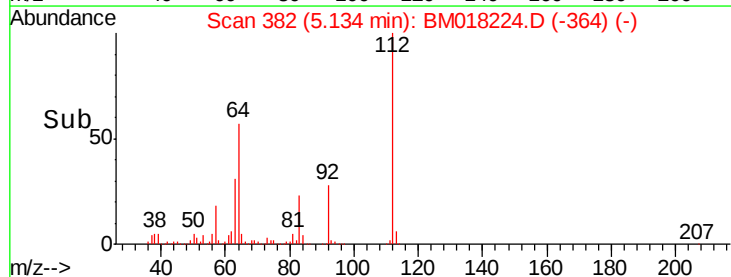
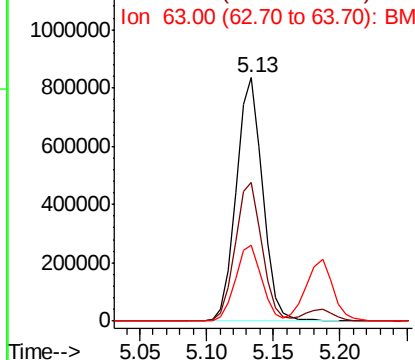
#5

2-Fluorophenol
Concen: 119.086 ng
RT: 5.13 min Scan# 382
Delta R.T. 0.01 min
Lab File: BM018224.D
Acq: 16 Dec 2018 13:37

Tgt Ion:112 Resp: 1147259
Ion Ratio Lower Upper
112 100
64 56.7 45.4 68.2
63 31.3 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: 114.576 ng

RT: 6.70 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018224.D

Acq: 16 Dec 2018 13:37

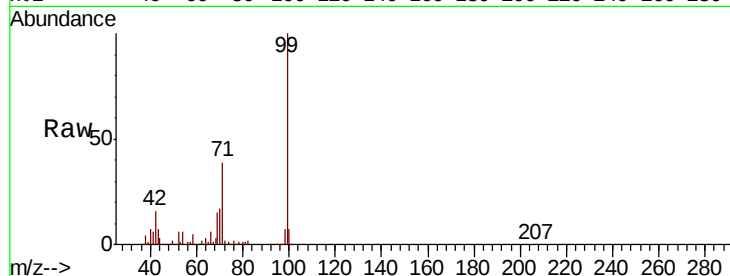
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 1534203

Ion	Ratio	Lower	Upper
99	100		
42	16.1	12.3	18.5
71	39.0	30.2	45.2



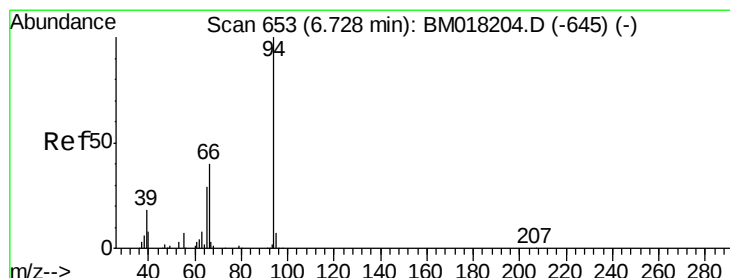
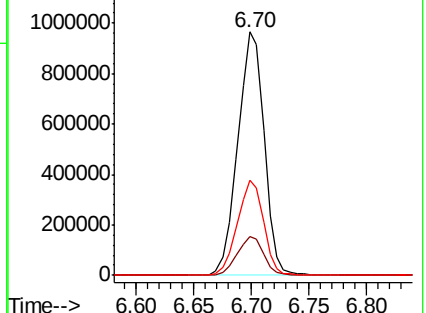
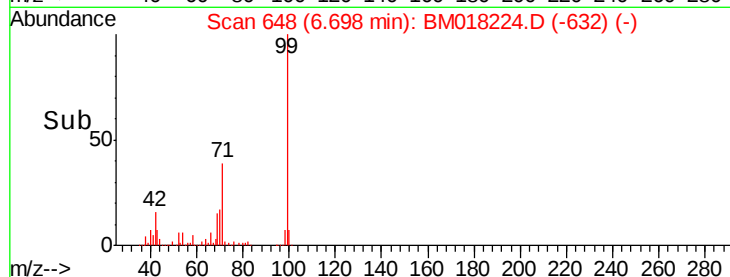
Abundance

Ion 99.00 (98.70 to 99.70): BM018224.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM018224.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM018224.D (-632) (-)

Time-->



#10

Phenol

Concen: 7.614 ng

RT: 6.72 min Scan# 652

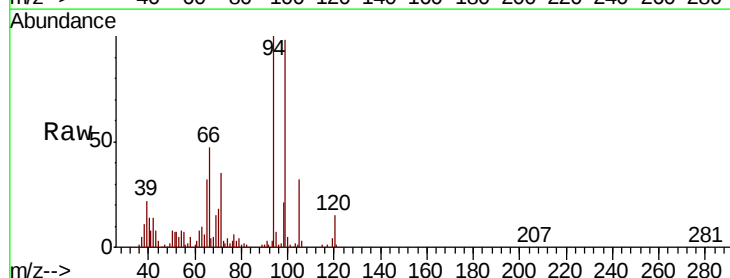
Delta R.T. -0.01 min

Lab File: BM018224.D

Acq: 16 Dec 2018 13:37

Tgt Ion: 94 Resp: 107972

Ion	Ratio	Lower	Upper
94	100		
65	31.6	9.5	49.5
66	47.1	21.3	61.3



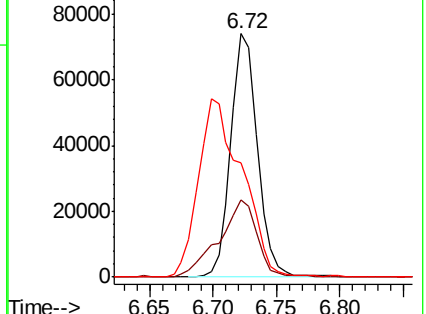
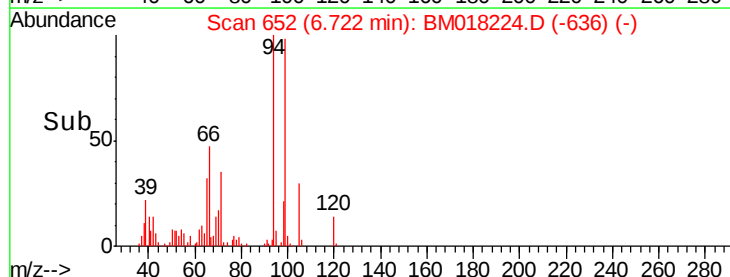
Abundance

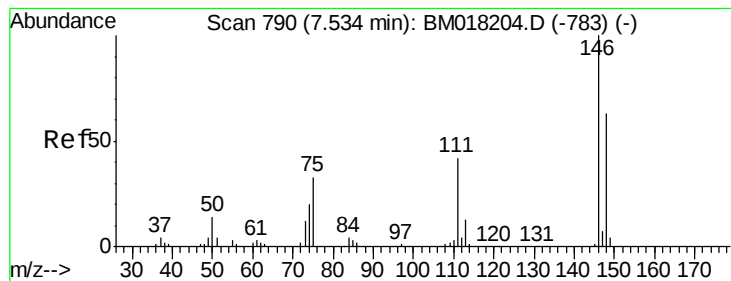
Ion 94.00 (93.70 to 94.70): BM018224.D (-636) (-)

Ion 65.00 (64.70 to 65.70): BM018224.D (-636) (-)

Ion 66.00 (65.70 to 66.70): BM018224.D (-636) (-)

Time-->





#13

1,4-Dichlorobenzene

Concen: 12.900 ng

RT: 7.53 min Scan# 790

Delta R.T. -0.00 min

Lab File: BM018224.D

Acq: 16 Dec 2018 13:37

Instrument :

BNA_M

ClientSampled :

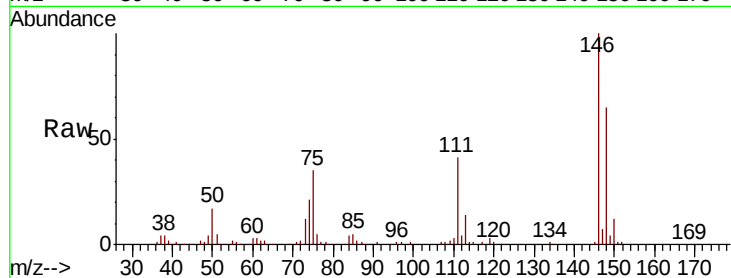
Tot Ion:146 Resp: 166501

Ion Ratio Lower Upper

146 100

148 65.0 50.7 76.1

111 40.8 34.2 51.2

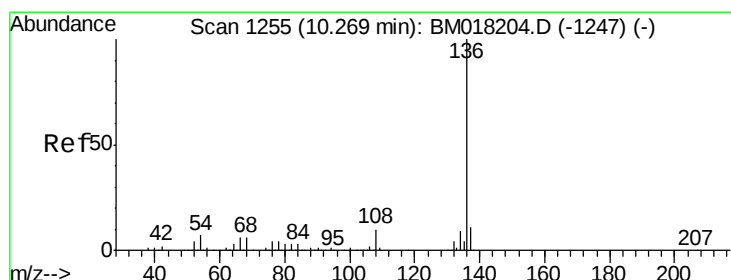
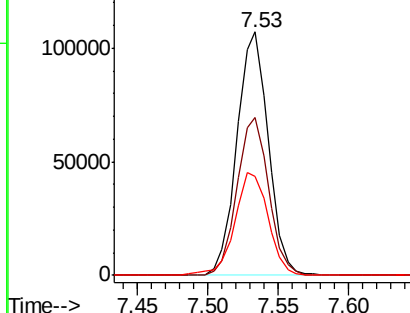
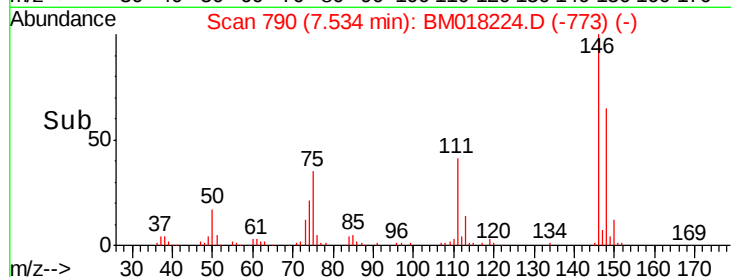


Abundance

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: 10.26 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BM018224.D

Acq: 16 Dec 2018 13:37

Tgt Ion:136 Resp: 648319

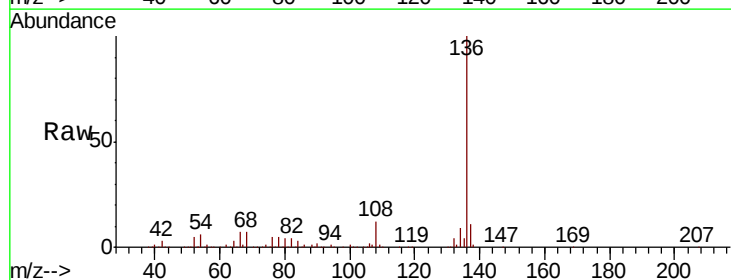
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 6.3 5.2 7.8

68 6.8 5.0 7.6



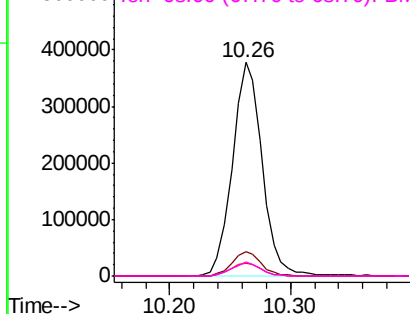
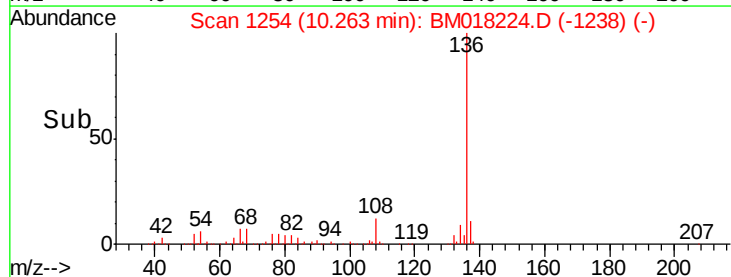
Abundance

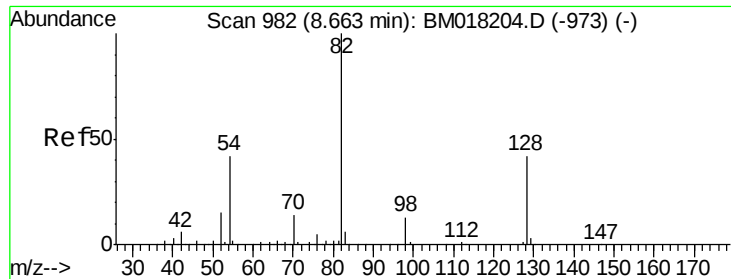
Ion 136.00 (135.70 to 136.70): E

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

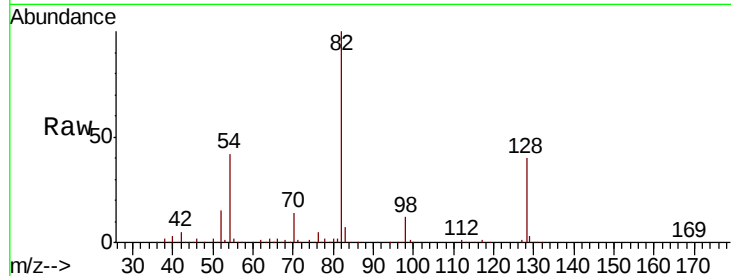




#23
Nitrobenzene-d5
Concen: 75.205 ng
RT: 8.66 min Scan# 981
Delta R.T. -0.01 min
Lab File: BM018224.D
Acq: 16 Dec 2018 13:37

Instrument :
BNA_M
ClientSampleId :

Tot Ion	82	Resp	950547
Ion Ratio	Lower	Upper	
82	100		
128	40.1	33.4	50.2
54	42.0	33.4	50.2

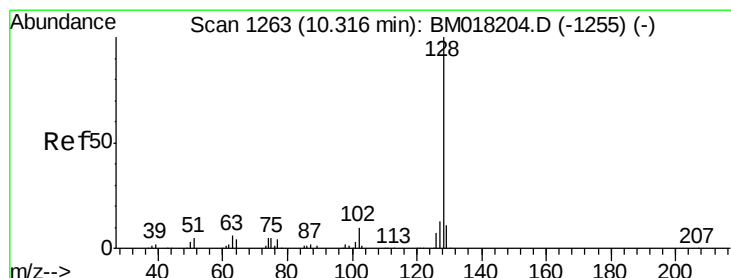
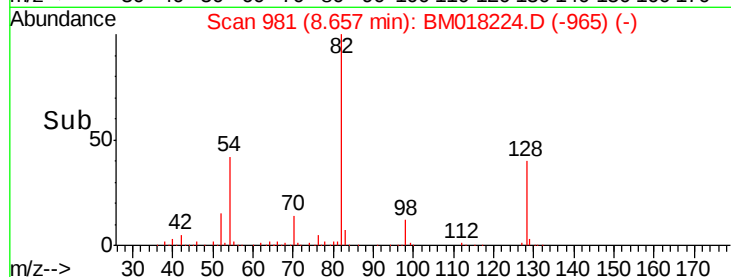
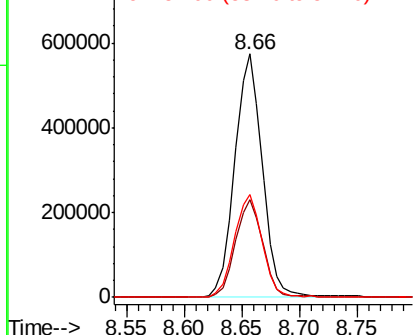


Abundance

Ion 82.00 (81.70 to 82.70): BM018224.D (-965) (-)

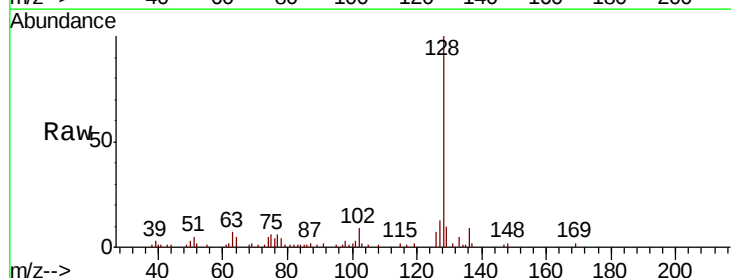
Ion 128.00 (127.70 to 128.70): BM018224.D (-965) (-)

Ion 54.00 (53.70 to 54.70): BM018224.D (-965) (-)



#31
Naphthalene
Concen: 2.308 ng
RT: 10.32 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BM018224.D
Acq: 16 Dec 2018 13:37

Tgt Ion	128	Resp	73165
Ion Ratio	Lower	Upper	
128	100		
129	9.5	8.9	13.3
127	13.0	10.4	15.6

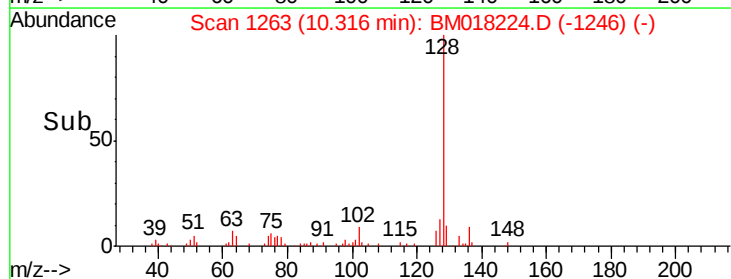
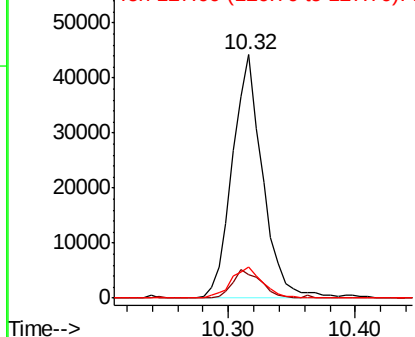


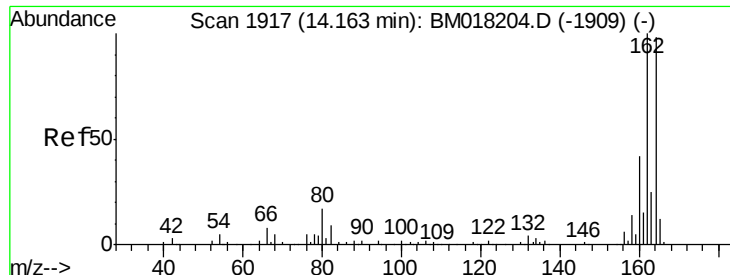
Abundance

Ion 128.00 (127.70 to 128.70): BM018224.D (-1246) (-)

Ion 129.00 (128.70 to 129.70): BM018224.D (-1246) (-)

Ion 127.00 (126.70 to 127.70): BM018224.D (-1246) (-)

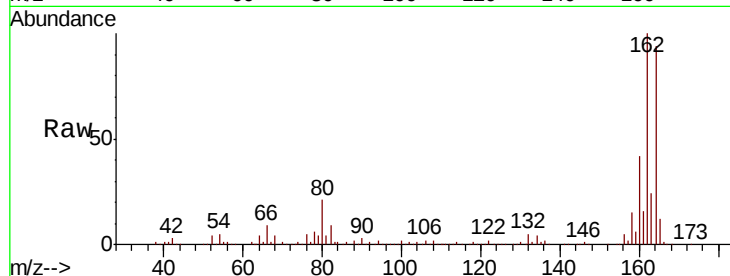




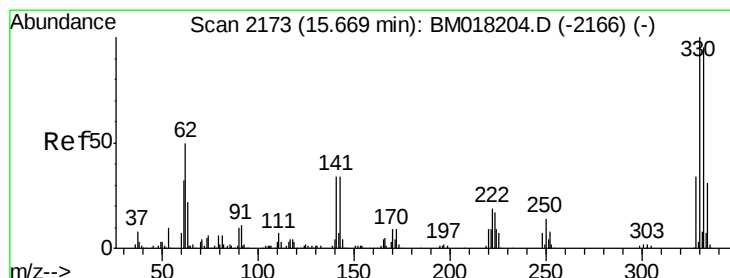
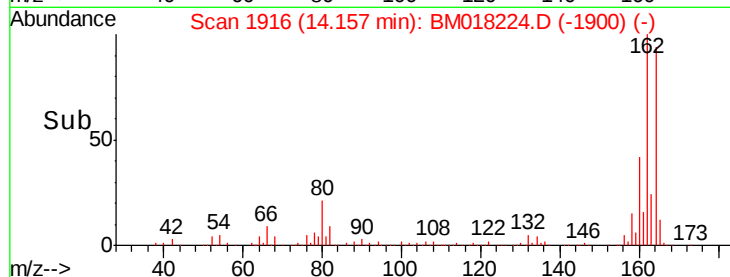
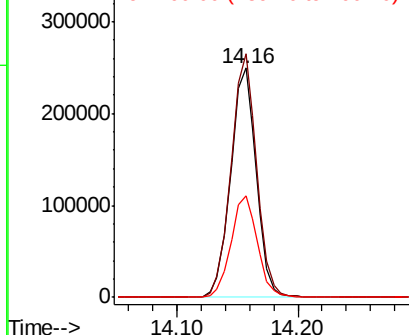
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.16 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BM018224.D
Acq: 16 Dec 2018 13:37

Instrument :
BNA_M
ClientSampleId :

Tot Ion:164 Resp: 367598
Ion Ratio Lower Upper
164 100
162 106.3 81.8 122.6
160 44.3 34.6 51.8

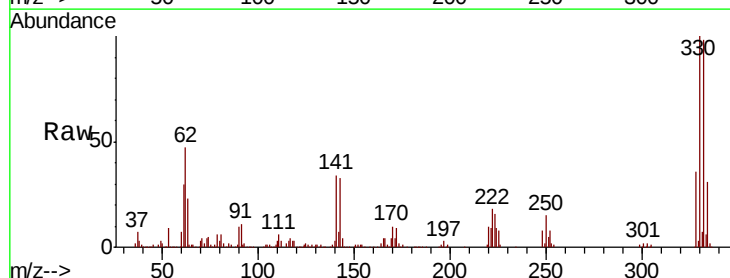


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

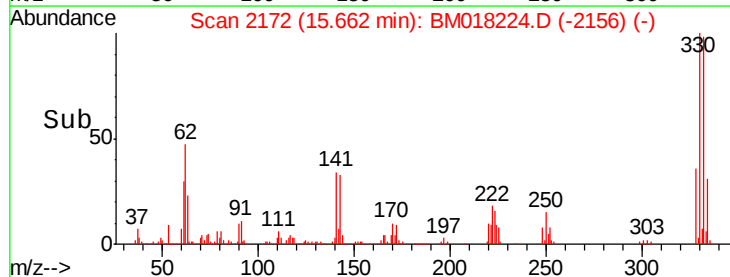
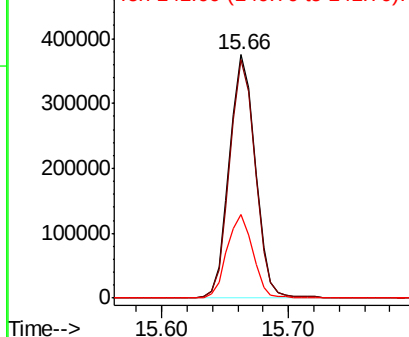


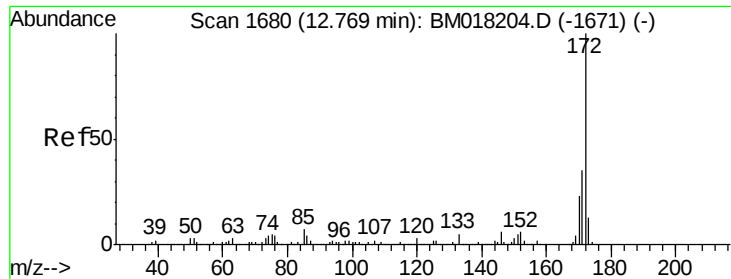
#42
2,4,6-Tribromophenol
Concen: 98.802 ng
RT: 15.66 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BM018224.D
Acq: 16 Dec 2018 13:37

Tgt Ion:330 Resp: 533071
Ion Ratio Lower Upper
330 100
332 96.9 78.6 118.0
141 34.1 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

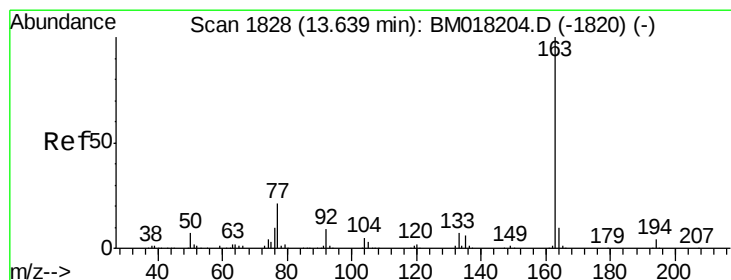
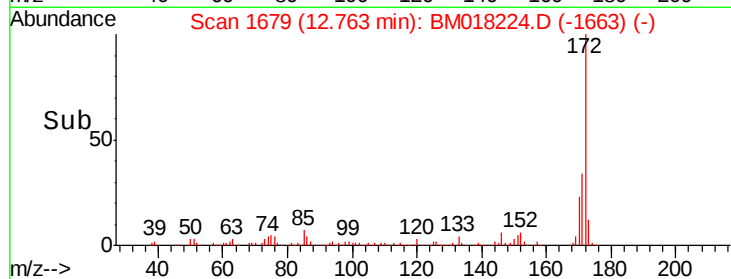
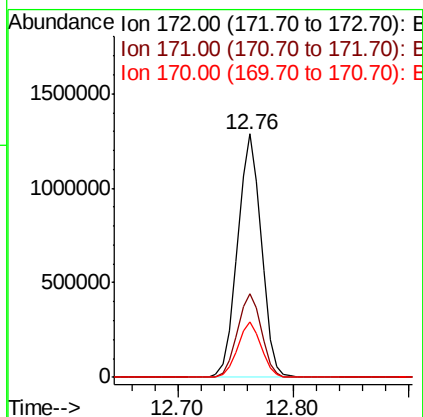
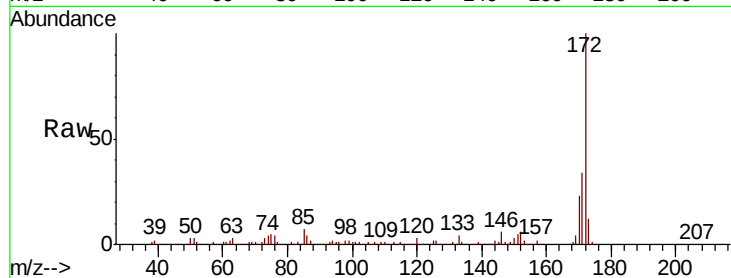




#45
2-Fluorobiphenyl
Concen: 64.731 ng
RT: 12.76 min Scan# 1679
Delta R.T. -0.01 min
Lab File: BM018224.D
Acq: 16 Dec 2018 13:37

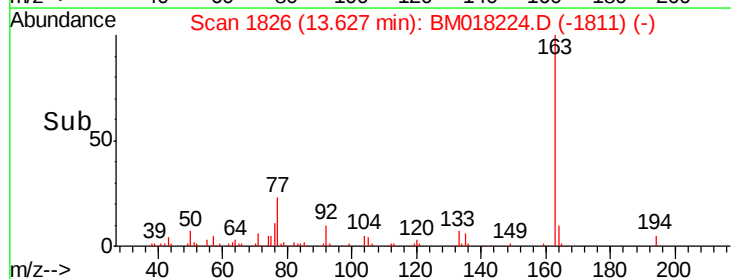
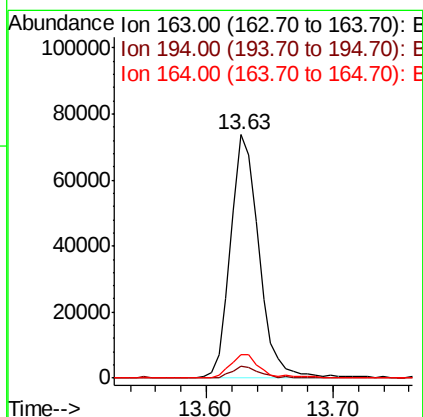
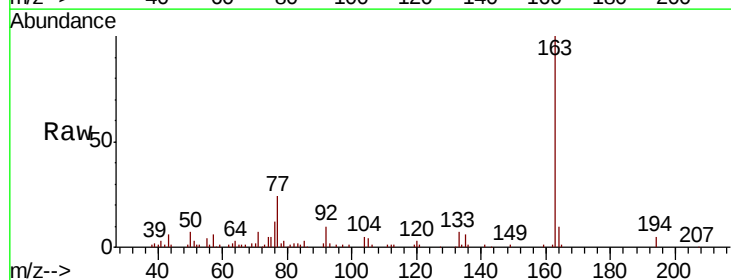
Instrument :
BNA_M
ClientSampleId :

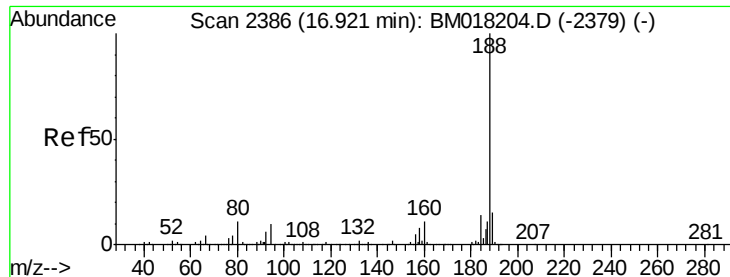
Tot Ion:172 Resp: 1837108
Ion Ratio Lower Upper
172 100
171 34.3 28.3 42.5
170 23.0 18.1 27.1



#50
Dimethylphthalate
Concen: 3.740 ng
RT: 13.63 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BM018224.D
Acq: 16 Dec 2018 13:37

Tgt Ion:163 Resp: 114293
Ion Ratio Lower Upper
163 100
194 4.9 3.1 4.7#
164 9.9 7.9 11.9

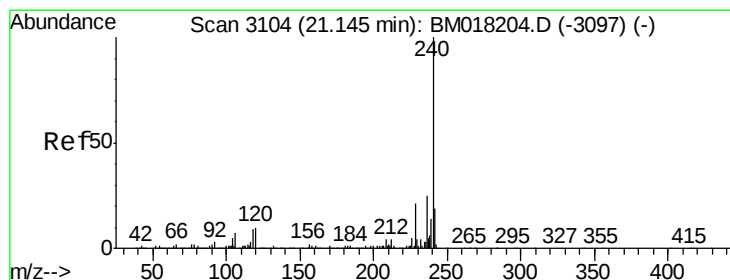
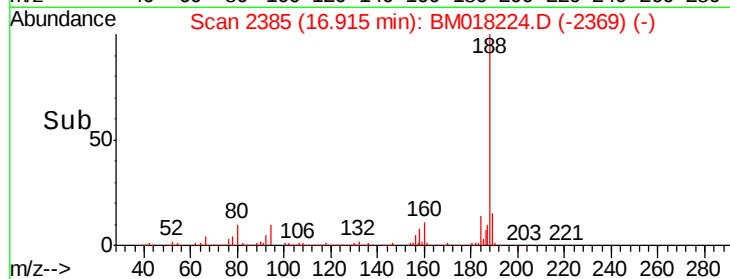
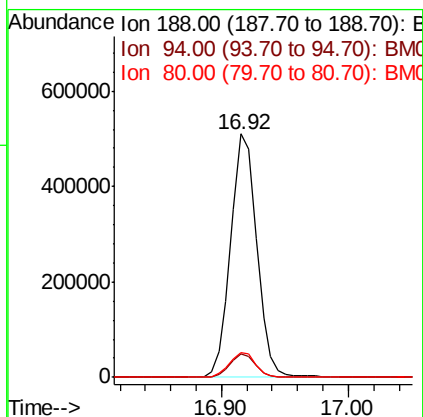
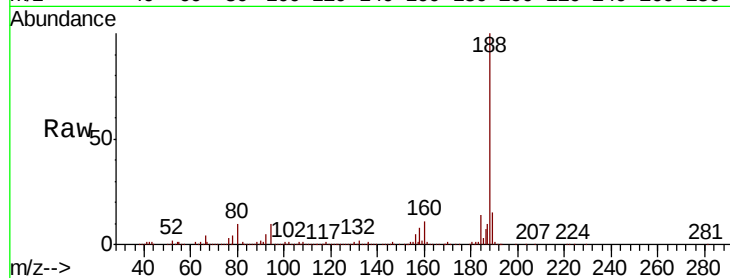




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.92 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BM018224.D
Acq: 16 Dec 2018 13:37

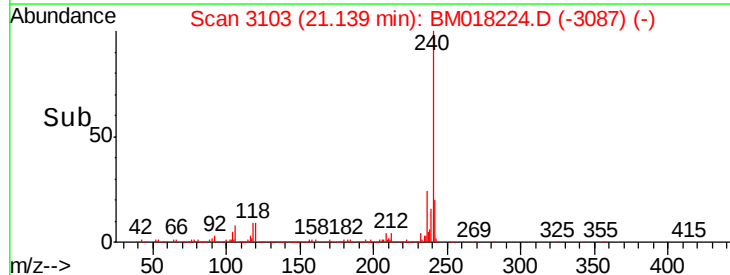
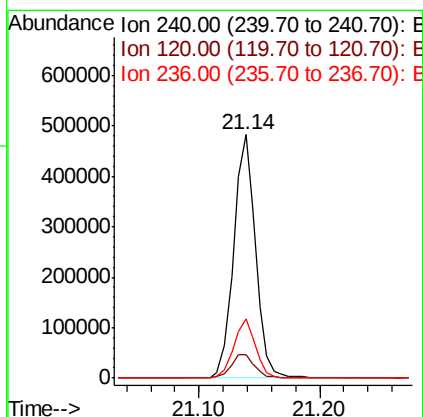
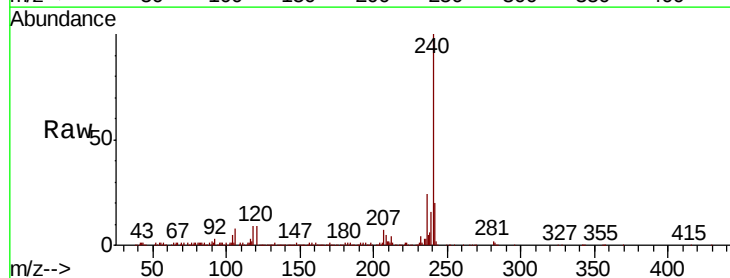
Instrument :
BNA_M
ClientSampleId :

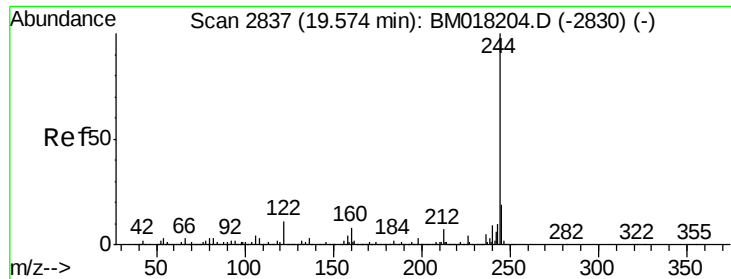
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.0	12.0
80	10.3	9.0	13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM018224.D
Acq: 16 Dec 2018 13:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.2	12.2
236	24.3	20.3	30.5





#79

Terphenyl-d14

Concen: 73.299 ng

RT: 19.57 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BM018224.D

Acq: 16 Dec 2018 13:37

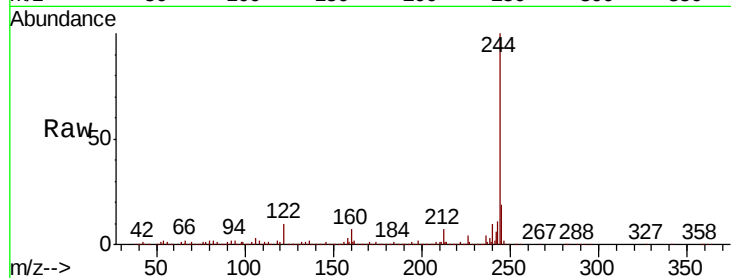
Instrument :

BNA_M

ClientSampleId :

Tot Ion:244 Resp: 1974308

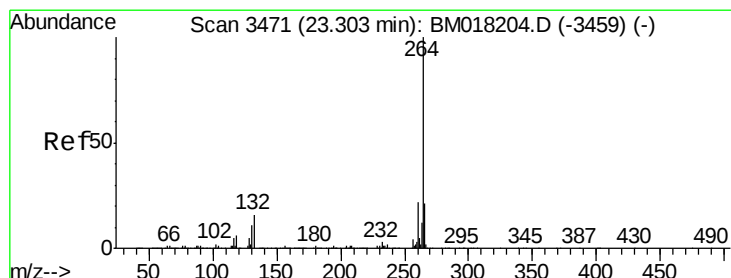
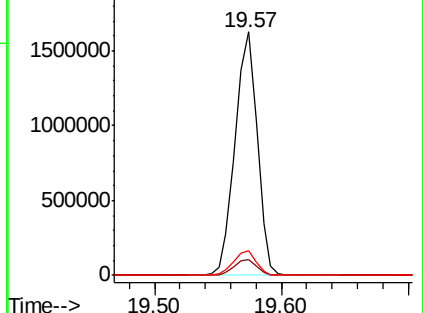
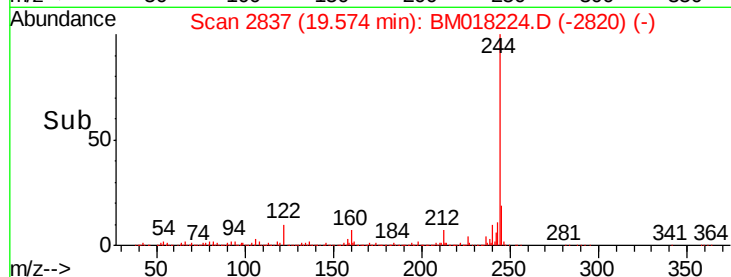
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	10.0	9.0	13.6



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: 23.30 min Scan# 3471

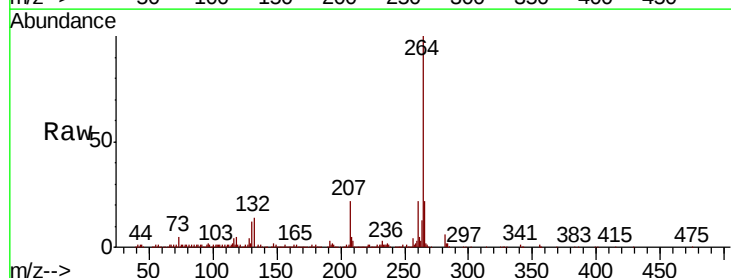
Delta R.T. -0.00 min

Lab File: BM018224.D

Acq: 16 Dec 2018 13:37

Tgt Ion:264 Resp: 594403

Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.5	26.3
265	21.5	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

