

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121718\
 Data File : BM018265.D
 Acq On : 18 Dec 2018 02:08
 Operator : JU/SJ
 Sample : J6417-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 121318-TIPC-F-D-B

Quant Time: Dec 18 02:49:57 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	7.49	152	116993	20.00	ng	-0.01
21) Naphthalene-d8	10.26	136	425888	20.00	ng	-0.01
39) Acenaphthene-d10	14.15	164	215431	20.00	ng	-0.01
64) Phenanthrene-d10	16.92	188	417314	20.00	ng	0.00
76) Chrysene-d12	21.13	240	423820	20.00	ng	-0.01
87) Perylene-d12	23.29	264	465338	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.12	112	292240	41.73	ng	0.00
7) Phenol-d6	6.69	99	234627	24.10	ng	-0.01
23) Nitrobenzene-d5	8.65	82	826114	99.50	ng	-0.01
42) 2,4,6-Tribromophenol	15.66	330	229994	72.74	ng	-0.01
45) 2-Fluorobiphenyl	12.76	172	1601451	96.28	ng	-0.01
79) Terphenyl-d14	19.57	244	1655882	88.36	ng	0.00

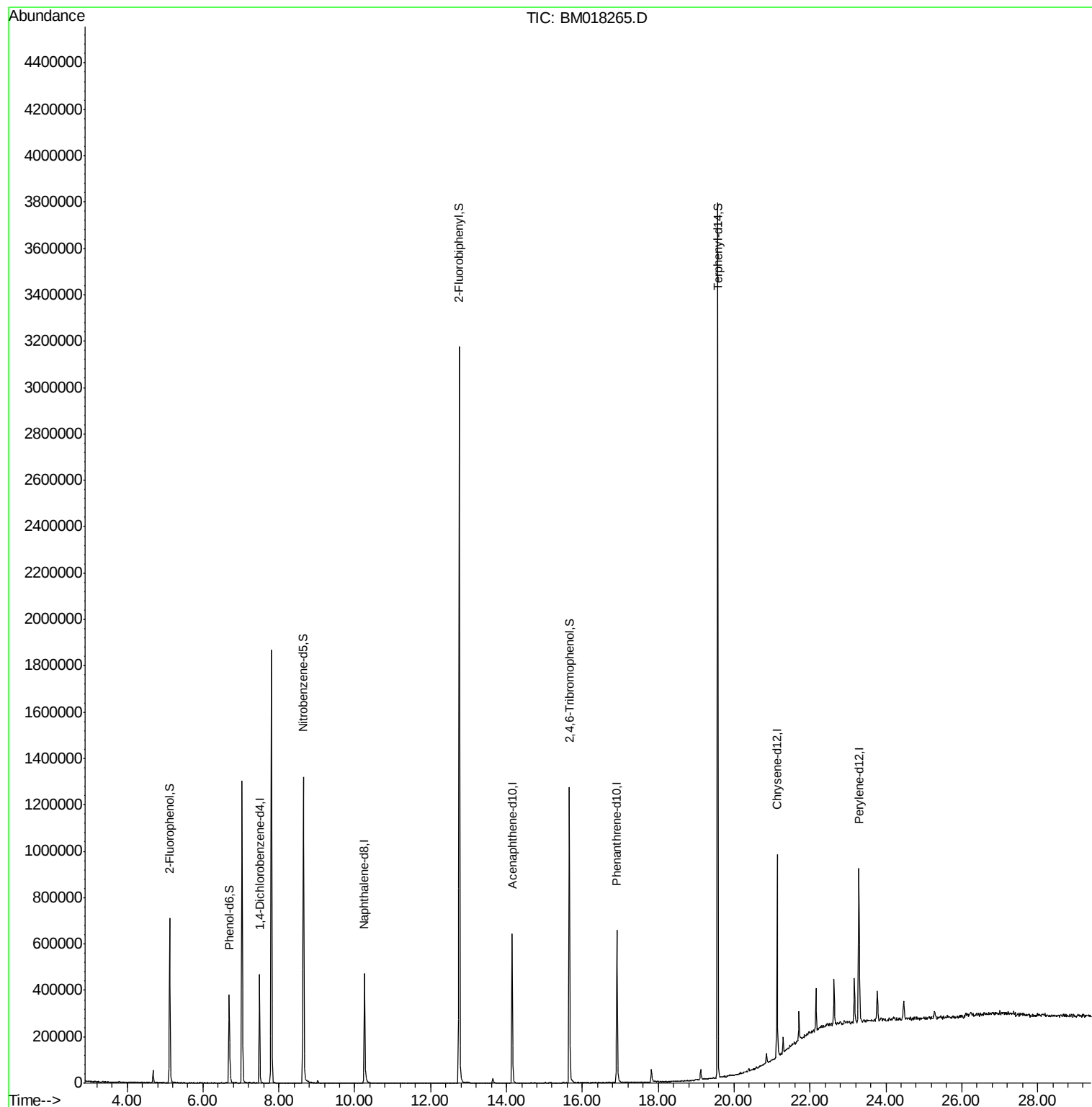
Target Compounds	Qvalue
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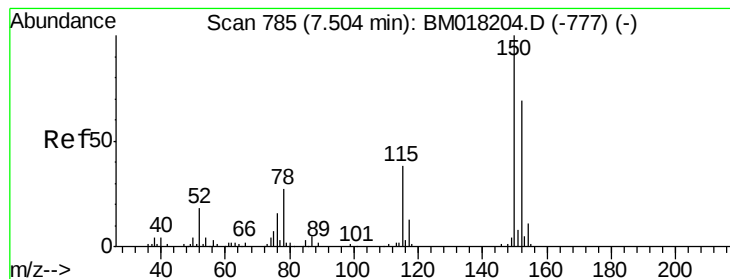
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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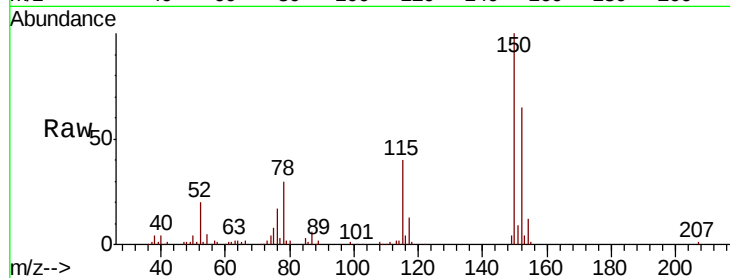


#1

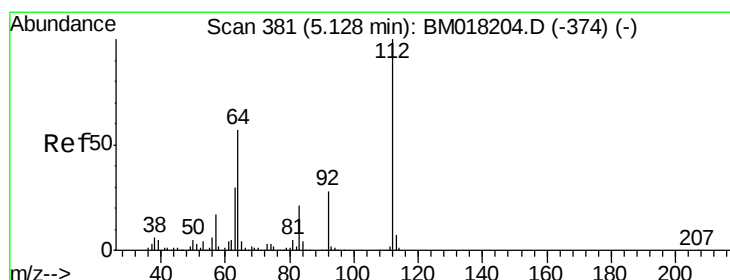
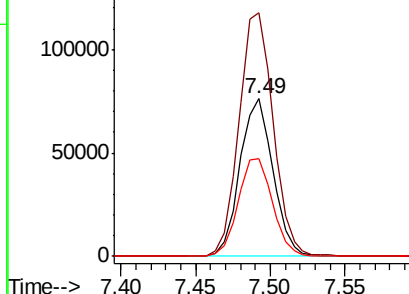
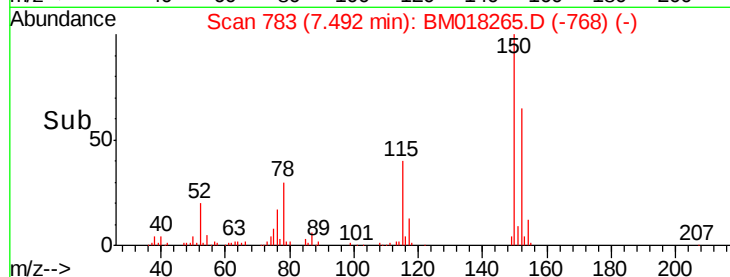
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BM018265.D
Acq: 18 Dec 2018 02:08

Instrument :
BNA_M
ClientSampleId :
121318-TIPC-F-D-B

Tgt Ion:152 Resp: 116993
Ion Ratio Lower Upper
152 100
150 154.7 116.1 174.1
115 62.3 44.6 67.0



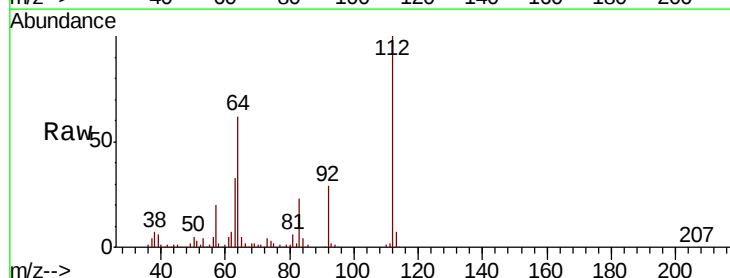
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



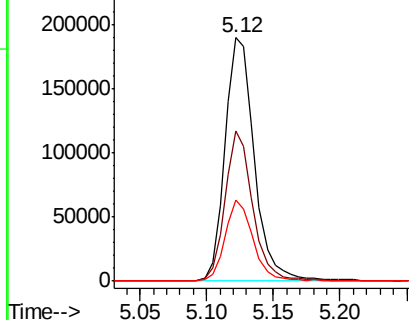
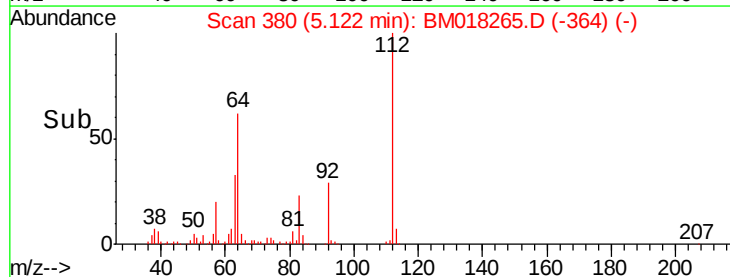
#5

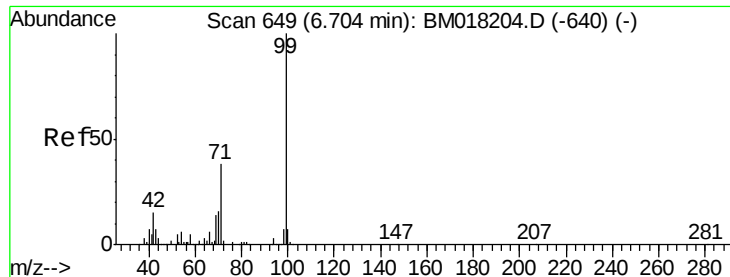
2-Fluorophenol
Concen: 41.727 ng
RT: 5.12 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM018265.D
Acq: 18 Dec 2018 02:08

Tgt Ion:112 Resp: 292240
Ion Ratio Lower Upper
112 100
64 61.6 45.4 68.2
63 33.1 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: 24.103 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM018265.D

Acq: 18 Dec 2018 02:08

Instrument :

BNA_M

ClientSampleId :

121318-TIPC-F-D-B

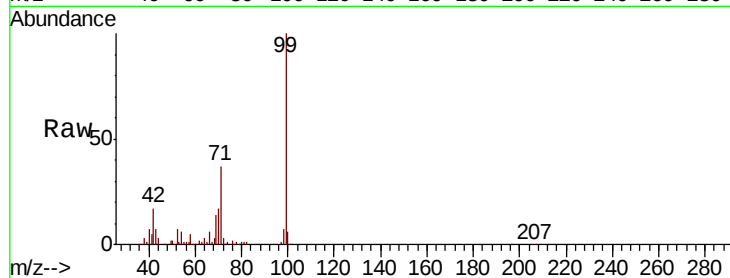
Tgt Ion: 99 Resp: 234627

Ion Ratio Lower Upper

99 100

42 16.6 12.3 18.5

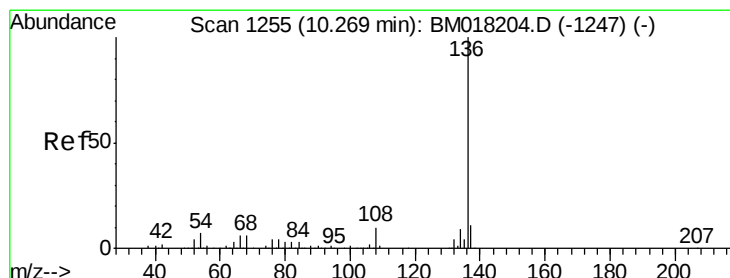
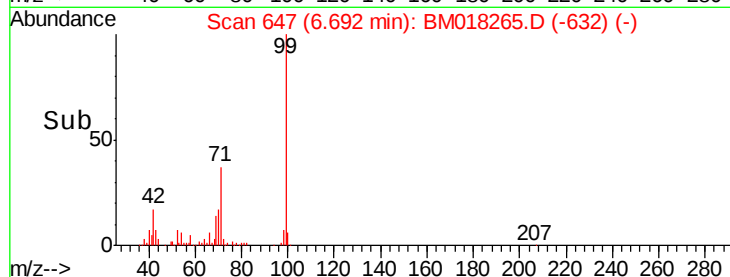
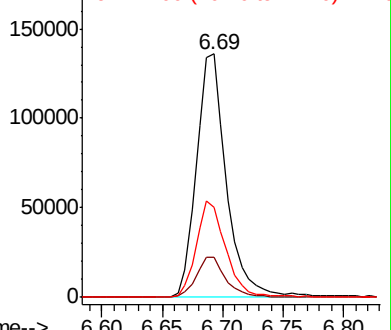
71 37.2 30.2 45.2



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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.26 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BM018265.D

Acq: 18 Dec 2018 02:08

Tgt Ion: 136 Resp: 425888

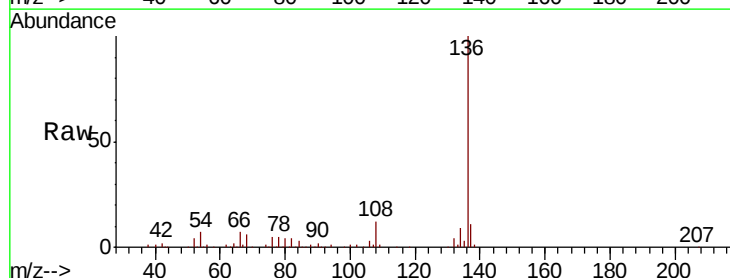
Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 6.6 5.2 7.8

68 5.7 5.0 7.6

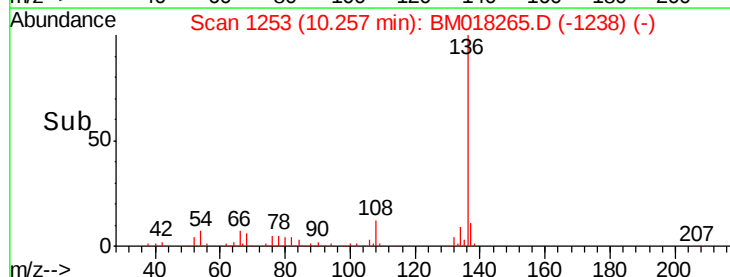
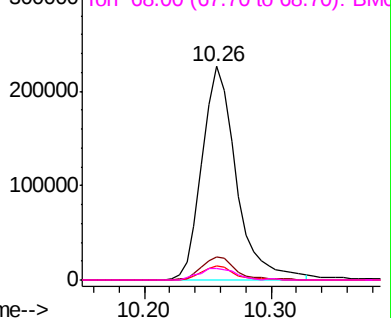


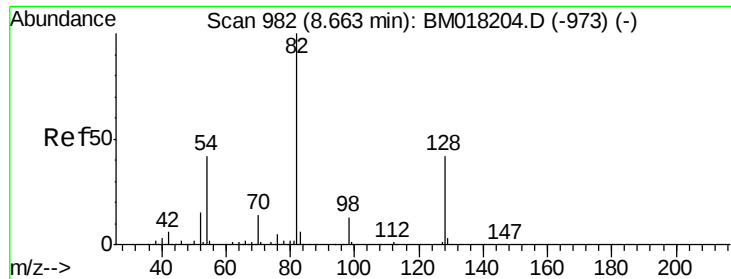
Abundance Ion 136.00 (135.70 to 136.70): BM018204.D (-1247) (-)

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) (-)

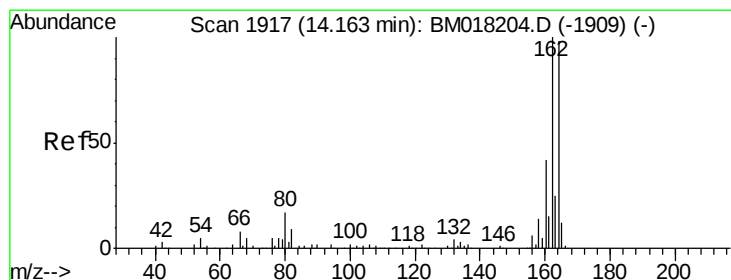
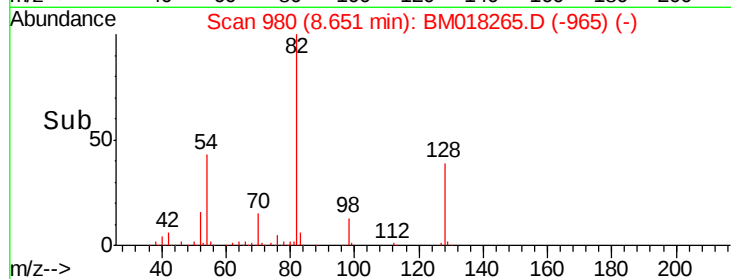
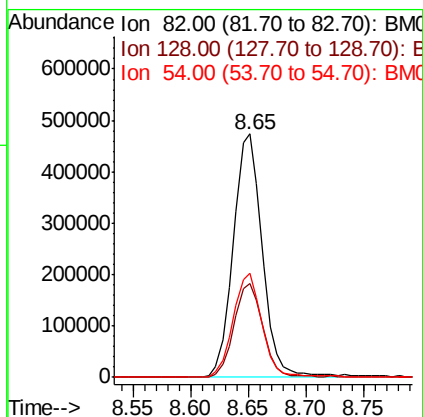
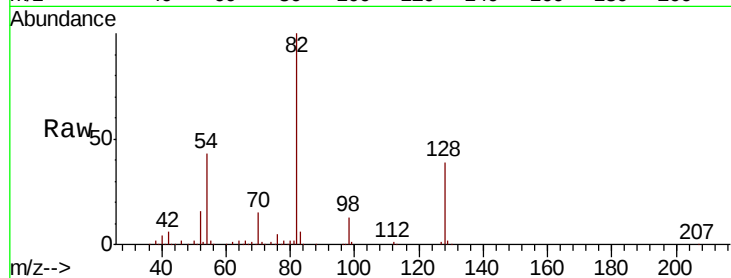




#23
 Nitrobenzene-d5
 Concen: 99.496 ng
 RT: 8.65 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BM018265.D
 Acq: 18 Dec 2018 02:08

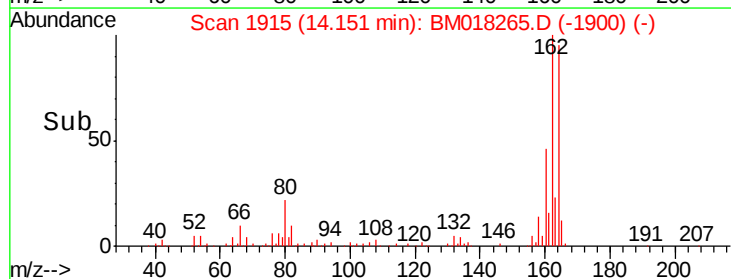
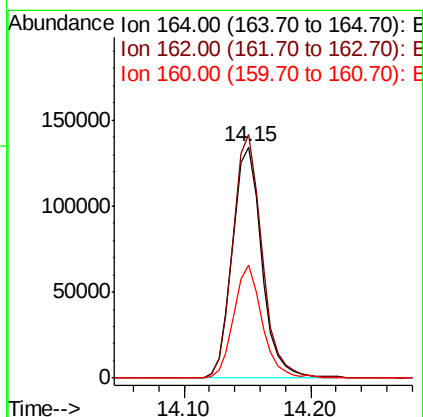
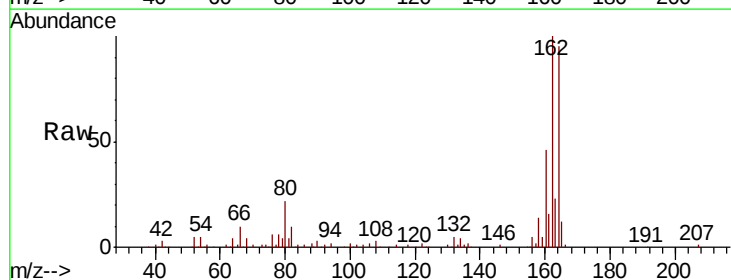
Instrument :
 BNA_M
 ClientSampleId :
 121318-TIPC-F-D-B

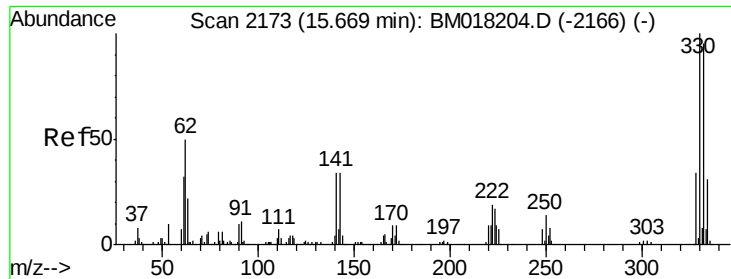
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.5	33.4	50.2
54	42.6	33.4	50.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.15 min Scan# 1915
 Delta R.T. -0.01 min
 Lab File: BM018265.D
 Acq: 18 Dec 2018 02:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	81.8	122.6
160	48.9	34.6	51.8

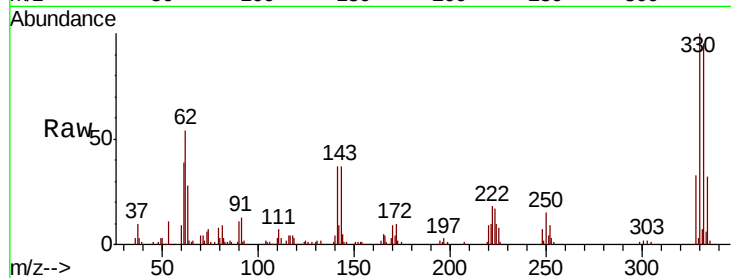




#42
 2,4,6-Tribromophenol
 Concen: 72.738 ng
 RT: 15.66 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BM018265.D
 Acq: 18 Dec 2018 02:08

Instrument :
 BNA_M
 ClientSampleId :
 121318-TIPC-F-D-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.6	118.0
141	37.7	27.1	40.7

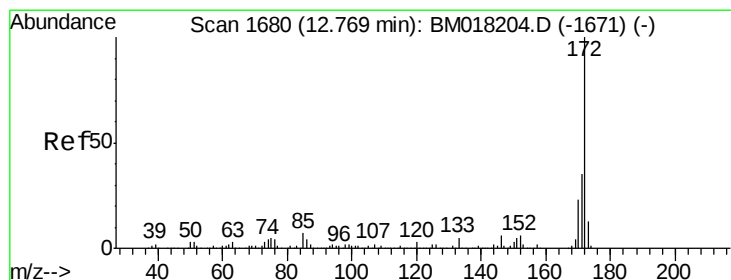
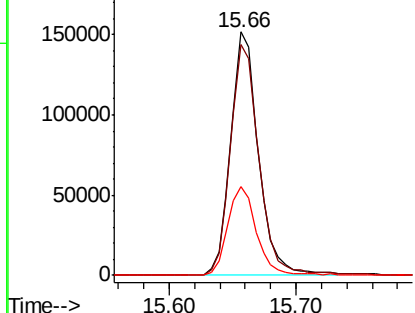
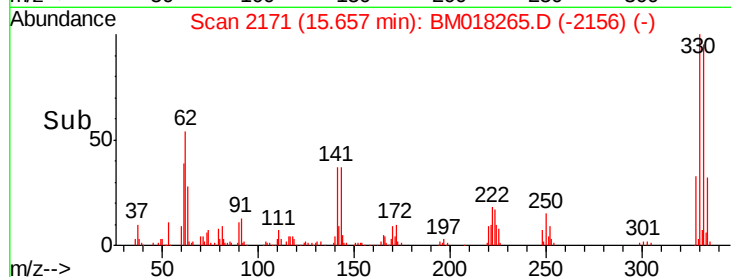


Abundance

Ion 329.80 (329.50 to 330.50): E

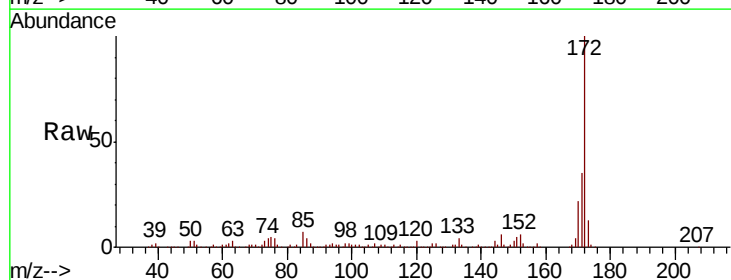
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 96.284 ng
 RT: 12.76 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BM018265.D
 Acq: 18 Dec 2018 02:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.3	42.5
170	22.4	18.1	27.1

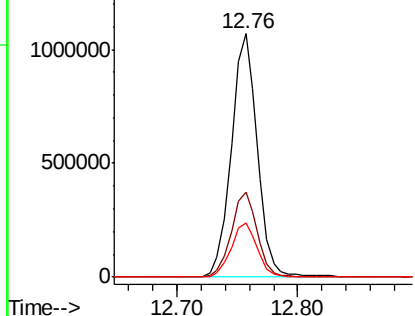
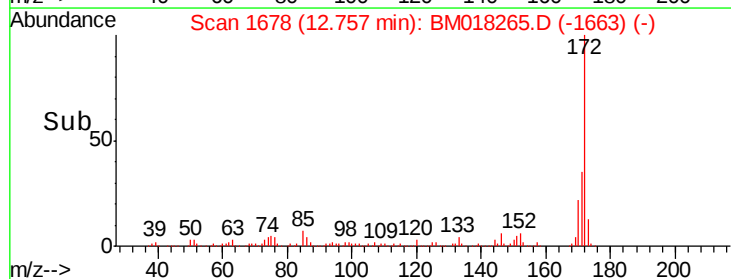


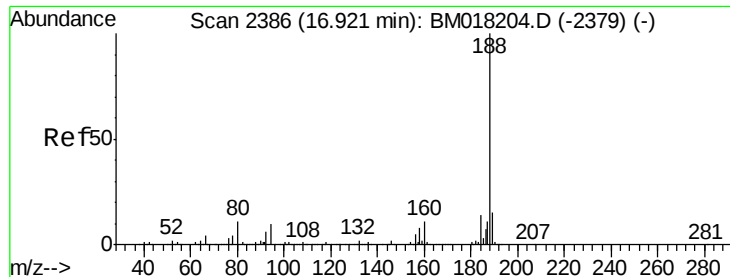
Abundance

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: 16.92 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BM018265.D

Acq: 18 Dec 2018 02:08

Instrument :

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ClientSampleId :

121318-TIPC-F-D-B

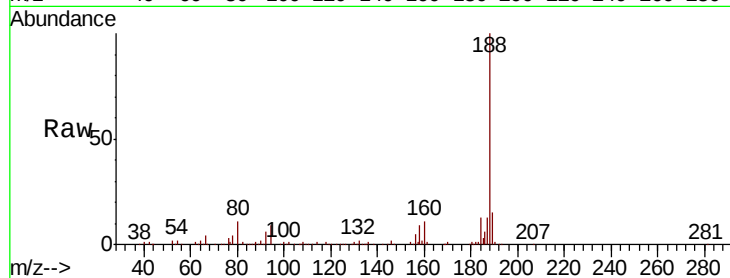
Tgt Ion:188 Resp: 417314

Ion Ratio Lower Upper

188 100

94 8.6 8.0 12.0

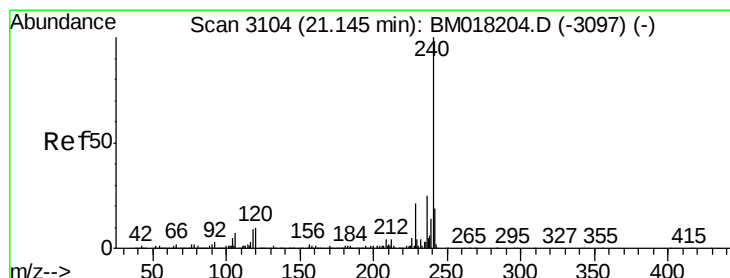
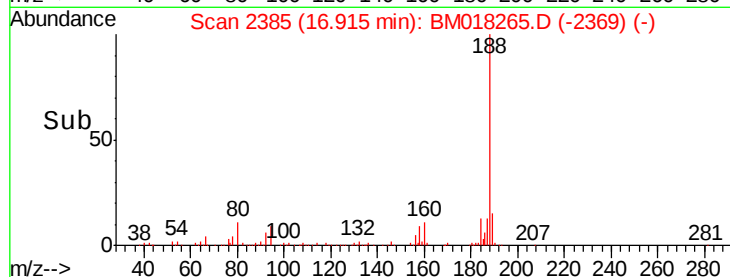
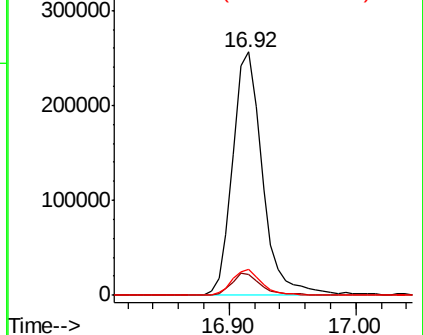
80 10.8 9.0 13.6



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# 3102

Delta R.T. -0.01 min

Lab File: BM018265.D

Acq: 18 Dec 2018 02:08

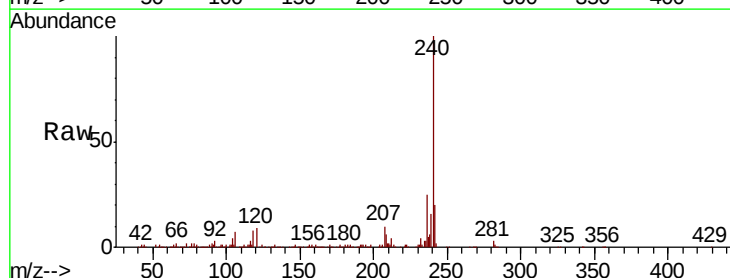
Tgt Ion:240 Resp: 423820

Ion Ratio Lower Upper

240 100

120 8.8 8.2 12.2

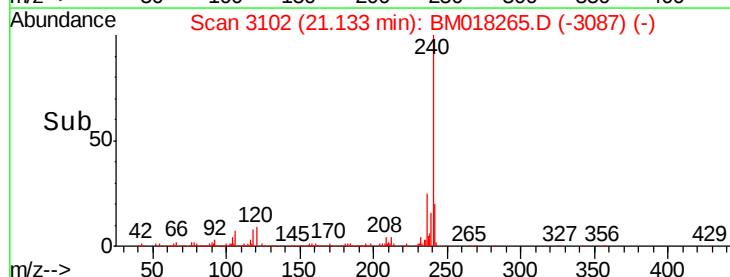
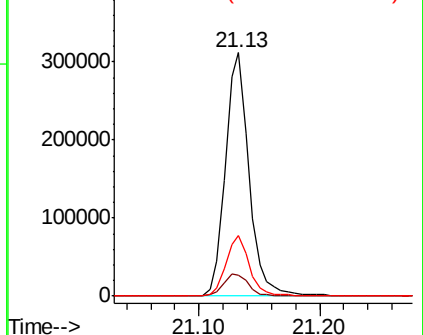
236 24.9 20.3 30.5

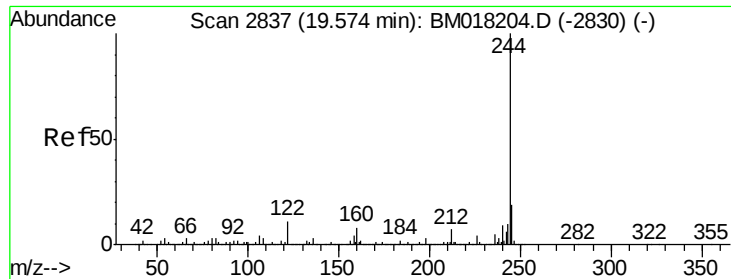


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

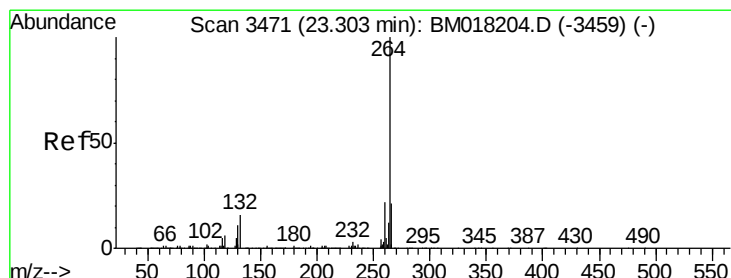
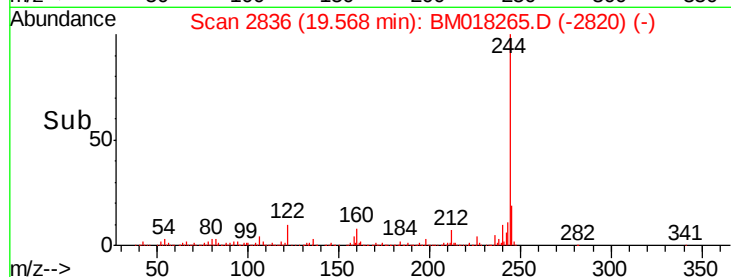
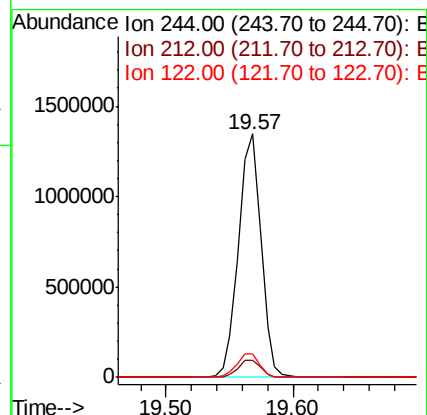
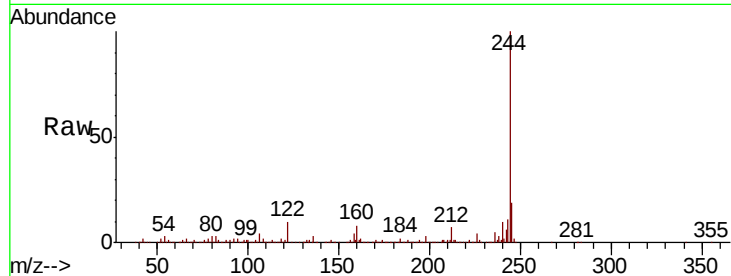




#79
 Terphenyl-d14
 Concen: 88.364 ng
 RT: 19.57 min Scan# 2836
 Delta R.T. -0.01 min
 Lab File: BM018265.D
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Tgt Ion:244 Resp: 1655882
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 9.9 9.0 13.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.29 min Scan# 3469
 Delta R.T. -0.01 min
 Lab File: BM018265.D
 Acq: 18 Dec 2018 02:08

Tgt Ion:264 Resp: 465338
 Ion Ratio Lower Upper
 264 100
 260 23.0 17.5 26.3
 265 23.1 17.3 25.9

