

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011019\
 Data File : BM018519.D
 Acq On : 10 Jan 2019 21:29
 Operator : JU/SJ
 Sample : K1082-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-1-6

Quant Time: Jan 11 03:28:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	376519	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	1518075	20.00	ng	0.00
39) Acenaphthene-d10	14.41	164	931652	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	2355413	20.00	ng	0.00
76) Chrysene-d12	21.35	240	2715719	20.00	ng	0.00
87) Perylene-d12	23.64	264	2787041	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	2662745	130.58	ng	0.00
7) Phenol-d6	6.93	99	3064806	118.34	ng	0.00
23) Nitrobenzene-d5	8.93	82	2526324	96.47	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	2025547	170.75	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	6780909	94.97	ng	0.00
79) Terphenyl-d14	19.79	244	11910164	92.45	ng	0.00

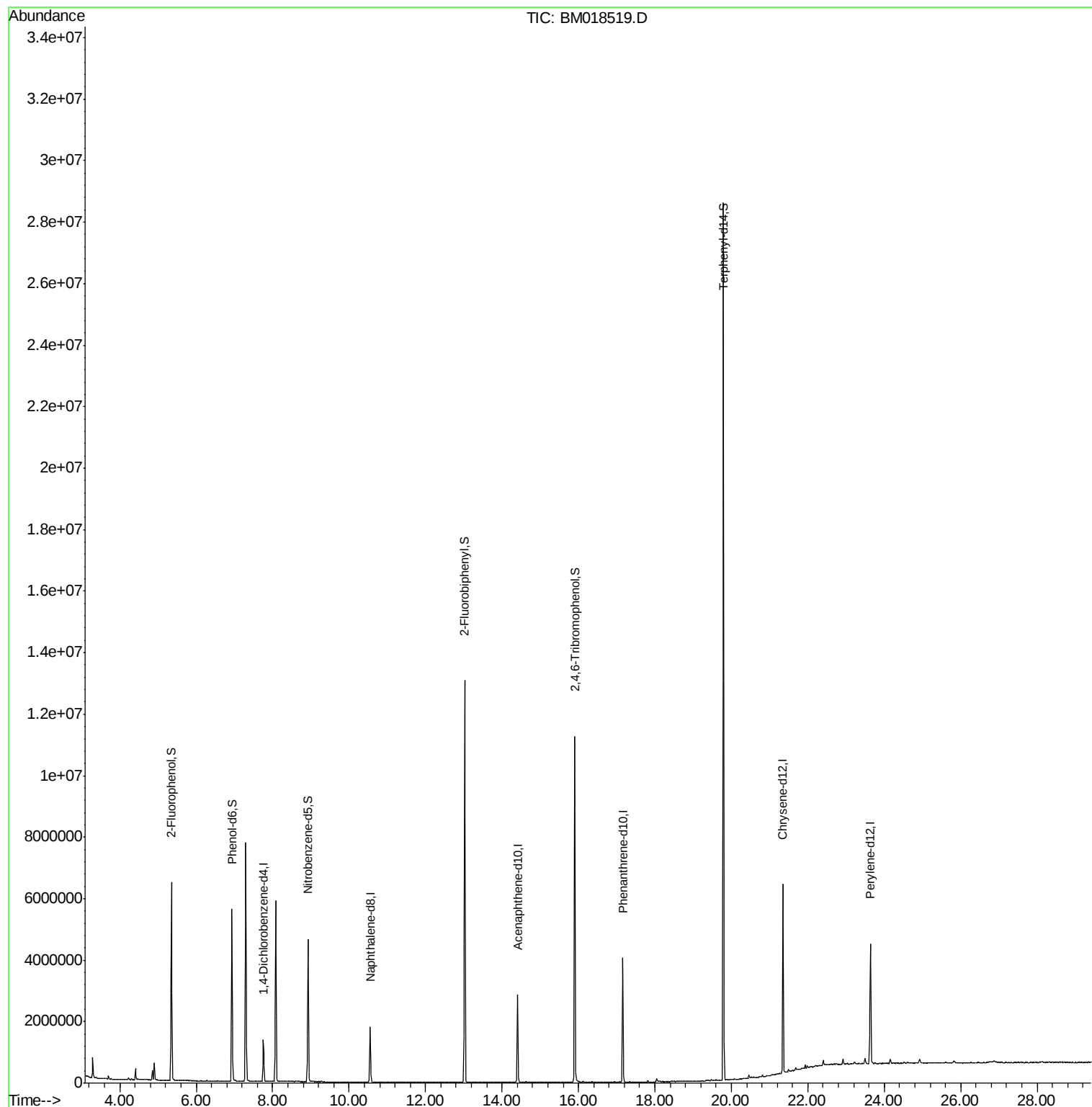
Target Compounds Qvalue

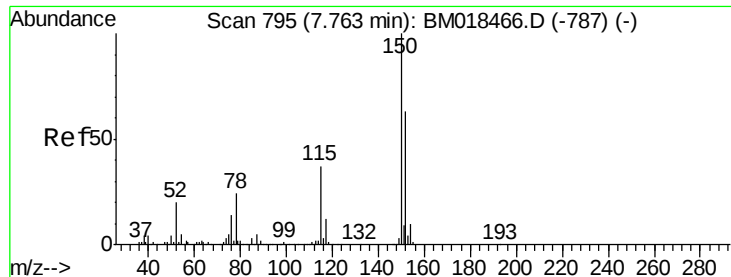
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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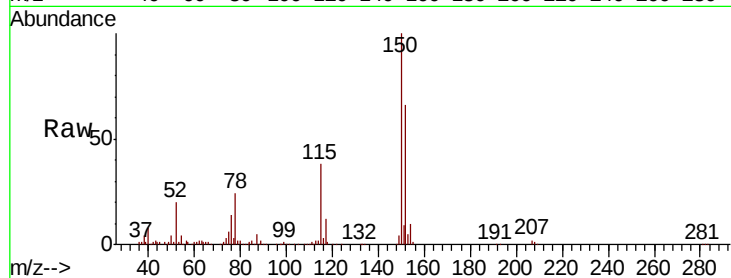


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 795
Delta R.T. -0.00 min
Lab File: BM018519.D
Acq: 10 Jan 2019 21:29

Instrument :
BNA_M
ClientSampleId :
SP-1-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	126.9	190.3
115	57.1	45.5	68.3

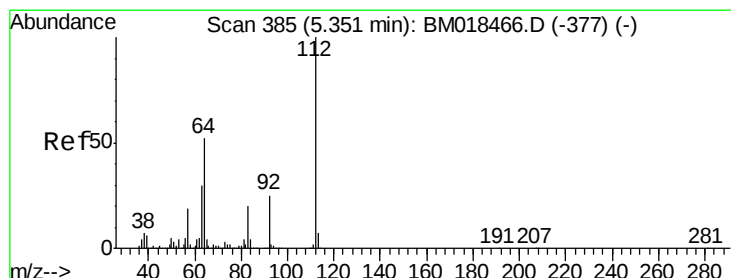
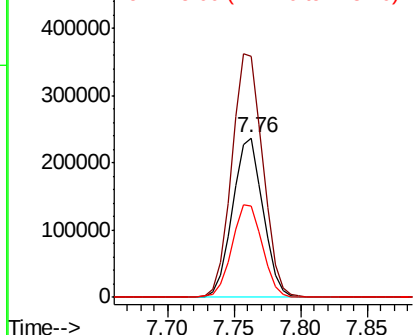
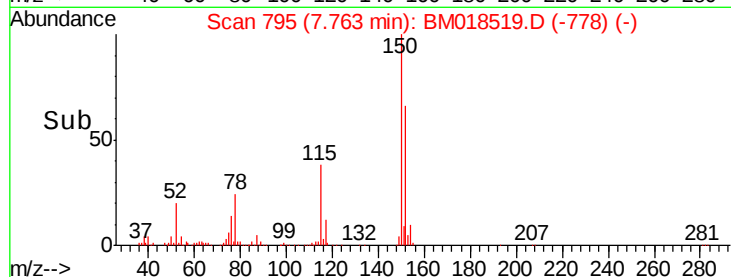


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

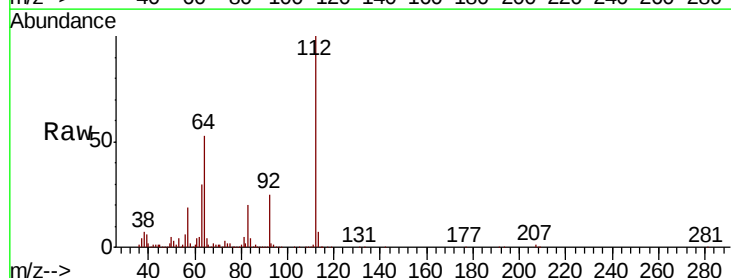
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 130.584 ng
RT: 5.35 min Scan# 385
Delta R.T. -0.00 min
Lab File: BM018519.D
Acq: 10 Jan 2019 21:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.0	46.5	69.7
63	30.1	25.2	37.8

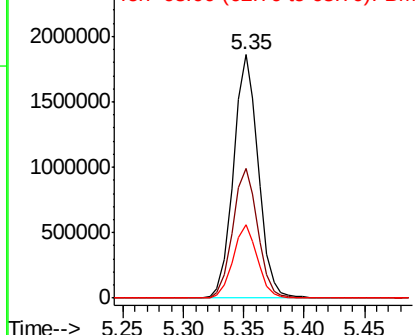
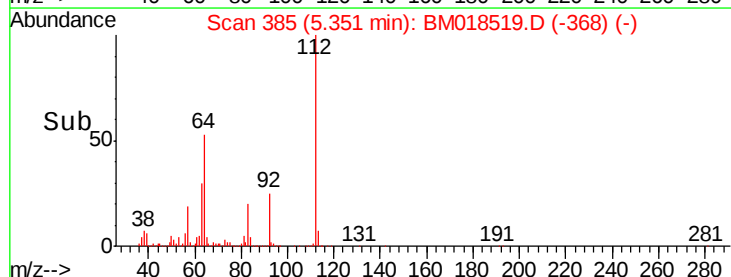


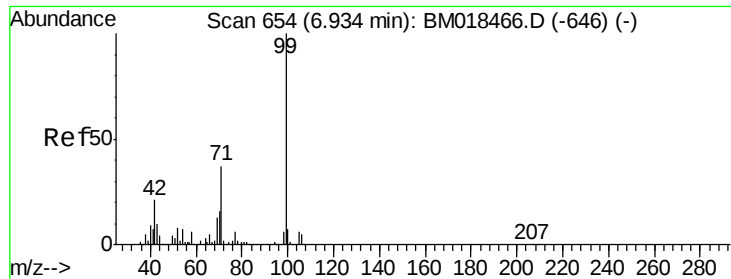
Abundance

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: 118.337 ng

RT: 6.93 min Scan# 654

Delta R.T. -0.00 min

Lab File: BM018519.D

Acq: 10 Jan 2019 21:29

Instrument :

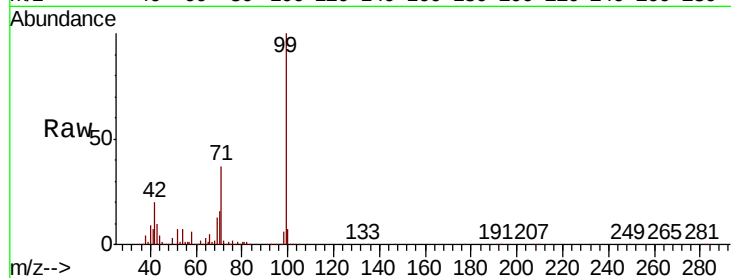
BNA_M

ClientSampleId :

SP-1-6

Tot Ion: 99 Resp: 3064806

Ion	Ratio	Lower	Upper
99	100		
42	20.0	17.3	25.9
71	36.5	28.0	42.0

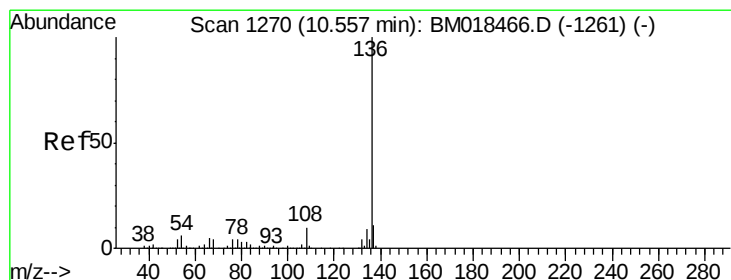
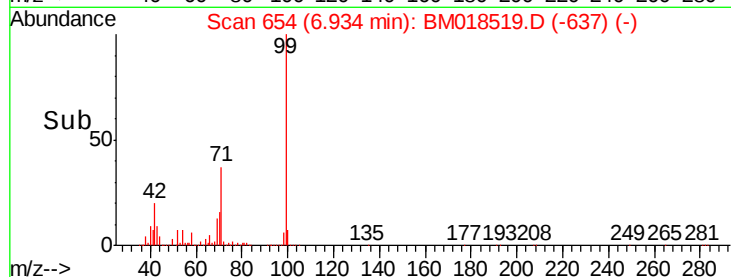
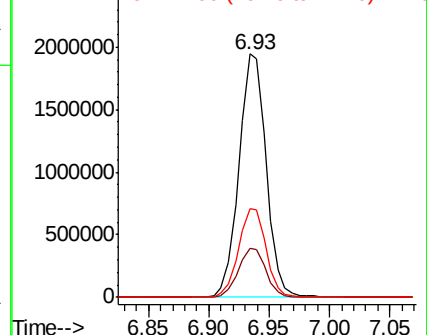


Abundance

Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1269

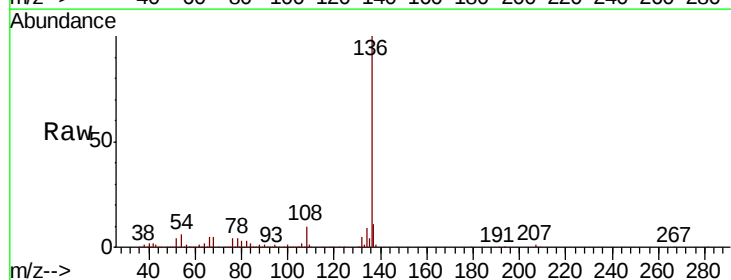
Delta R.T. -0.00 min

Lab File: BM018519.D

Acq: 10 Jan 2019 21:29

Tgt Ion: 136 Resp: 1518075

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	6.3	6.0	9.0
68	4.6	4.5	6.7



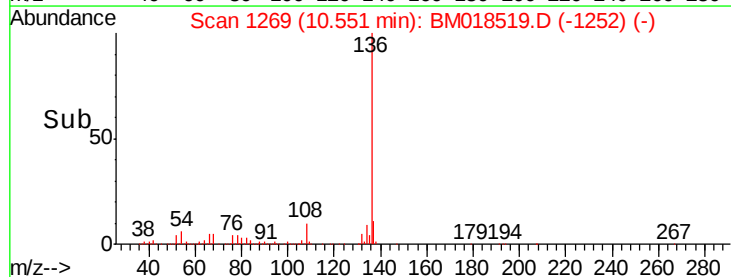
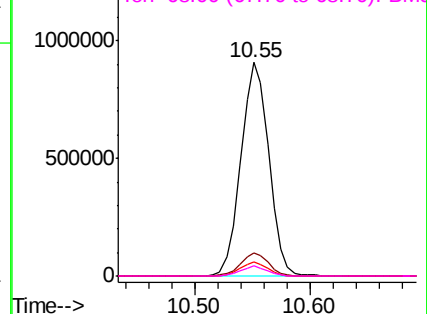
Abundance

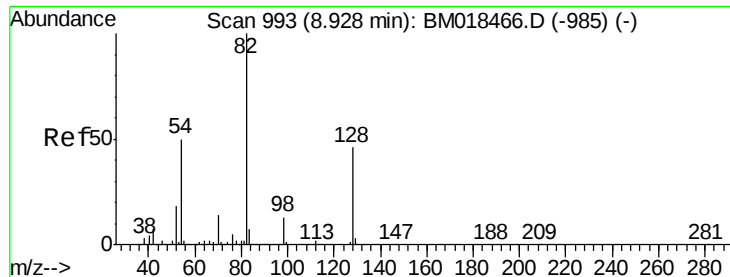
Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM018466.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM018466.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM018466.D (-1261) (-)

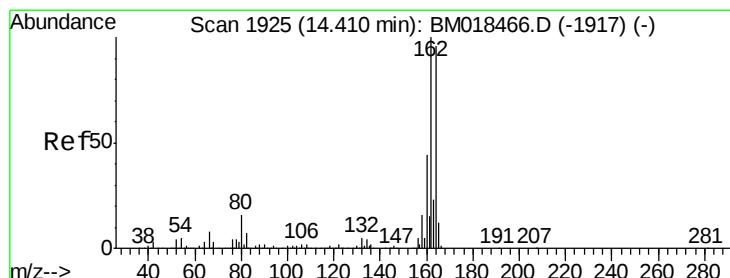
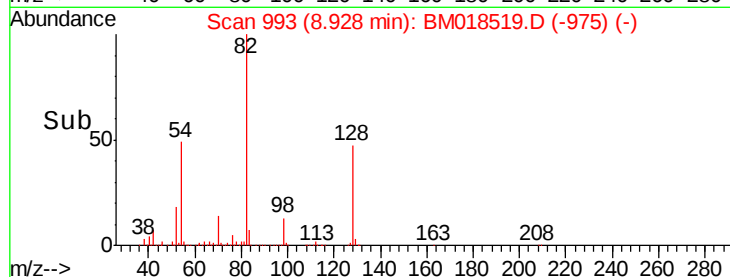
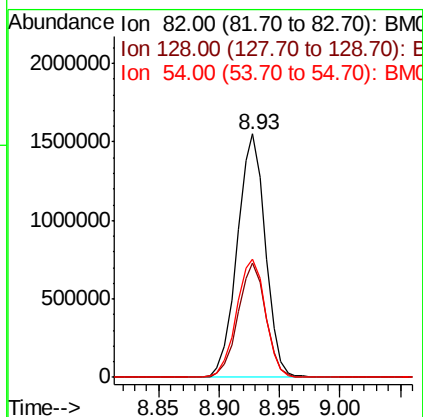
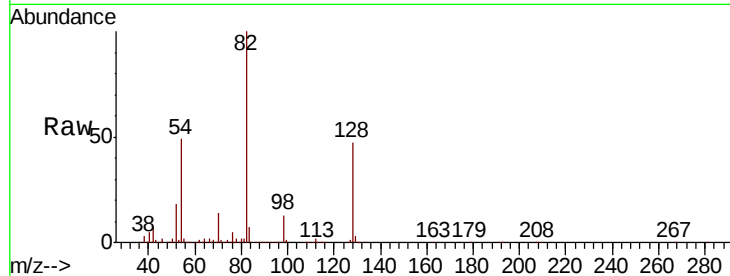




#23
 Nitrobenzene-d5
 Concen: 96.473 ng
 RT: 8.93 min Scan# 993
 Delta R.T. 0.01 min
 Lab File: BM018519.D
 Acq: 10 Jan 2019 21:29

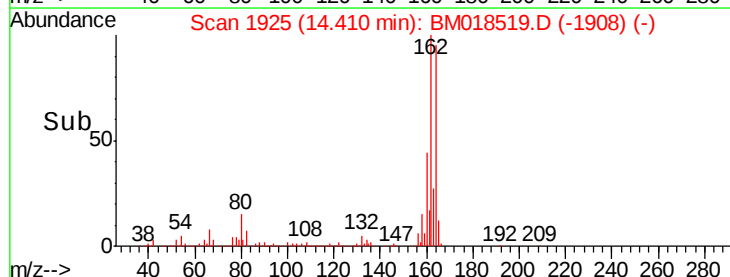
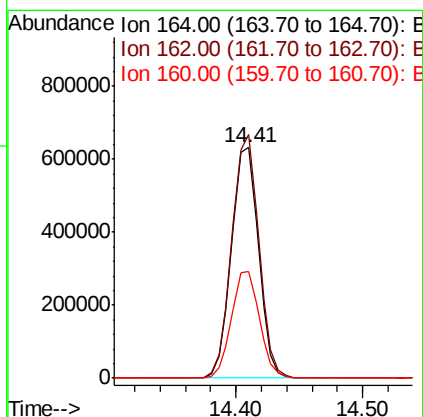
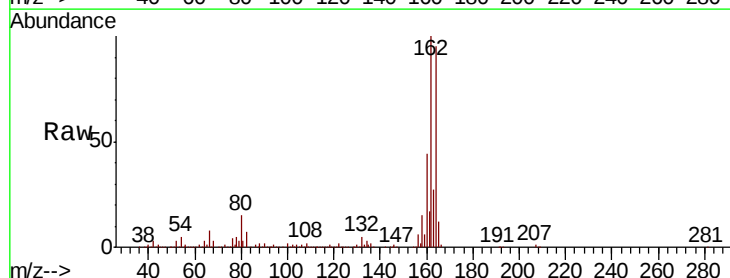
Instrument :
 BNA_M
 ClientSampleId :
 SP-1-6

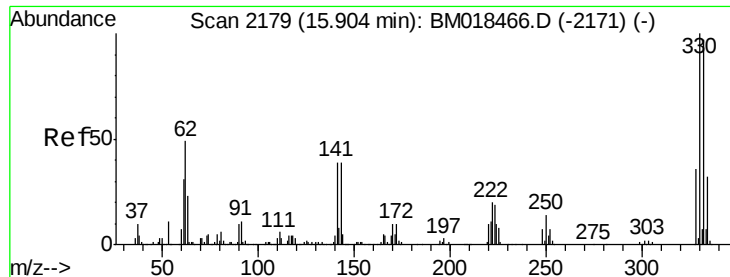
Tot Ion: 82 Resp: 2526324
 Ion Ratio Lower Upper
 82 100
 128 46.9 36.3 54.5
 54 48.7 41.7 62.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.41 min Scan# 1925
 Delta R.T. -0.00 min
 Lab File: BM018519.D
 Acq: 10 Jan 2019 21:29

Tgt Ion: 164 Resp: 931652
 Ion Ratio Lower Upper
 164 100
 162 105.6 83.0 124.4
 160 46.2 37.1 55.7

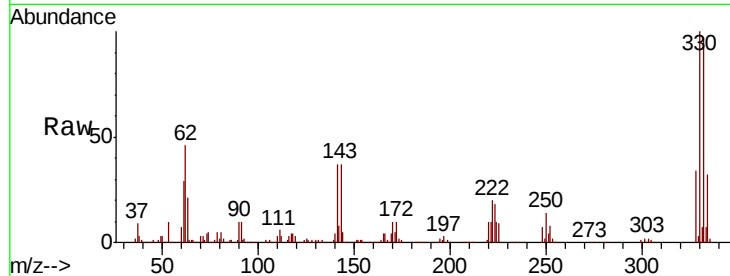




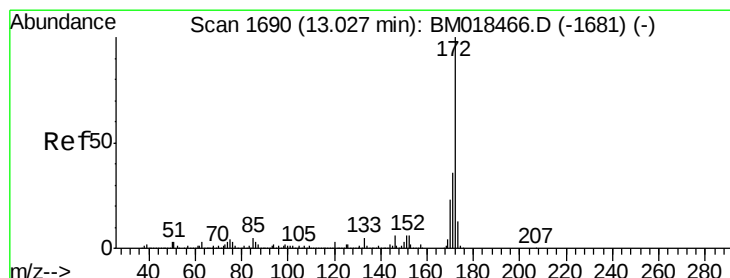
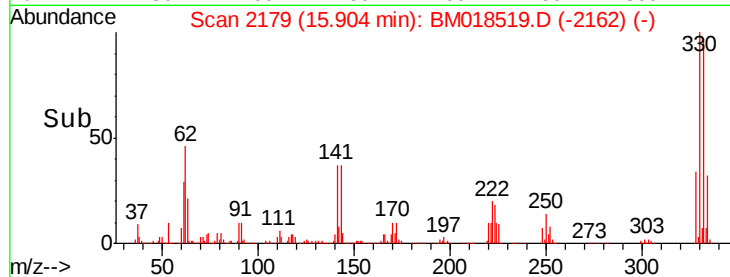
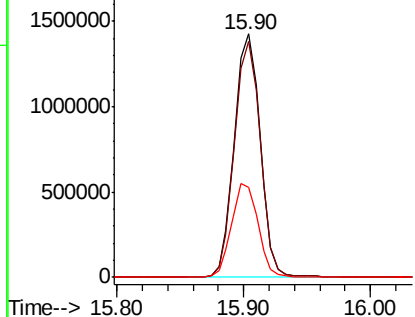
#42
 2,4,6-Tribromophenol
 Concen: 170.752 ng
 RT: 15.90 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: BM018519.D
 Acq: 10 Jan 2019 21:29

Instrument :
 BNA_M
 ClientSampled :
 SP-1-6

Tot Ion:330 Resp: 2025547
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.6 116.4
 141 39.3 31.7 47.5

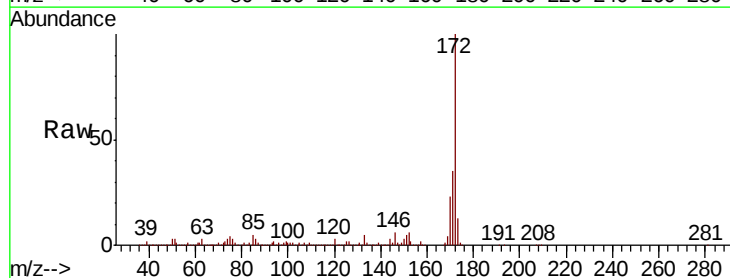


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

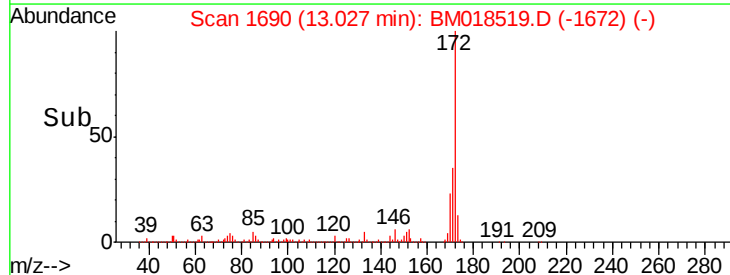
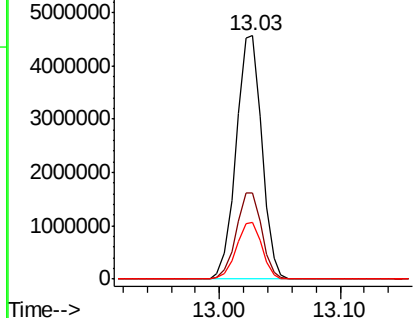


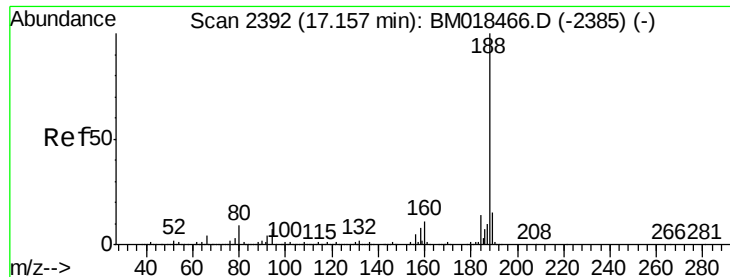
#45
 2-Fluorobiphenyl
 Concen: 94.973 ng
 RT: 13.03 min Scan# 1690
 Delta R.T. 0.01 min
 Lab File: BM018519.D
 Acq: 10 Jan 2019 21:29

Tgt Ion:172 Resp: 6780909
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.2 42.4
 170 23.2 18.9 28.3



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

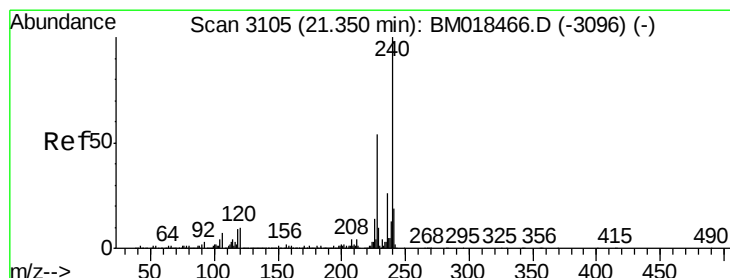
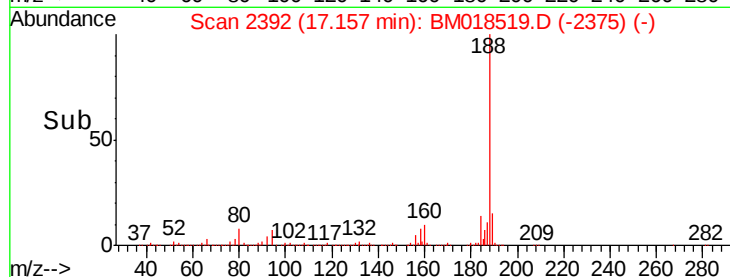
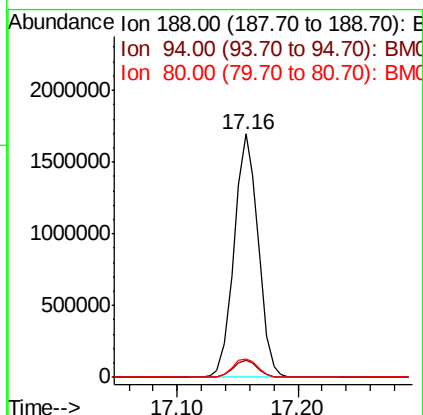
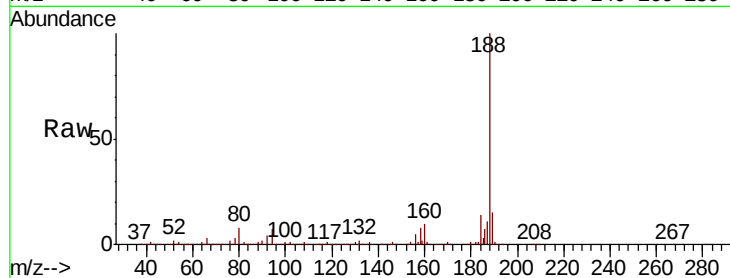




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM018519.D
Acq: 10 Jan 2019 21:29

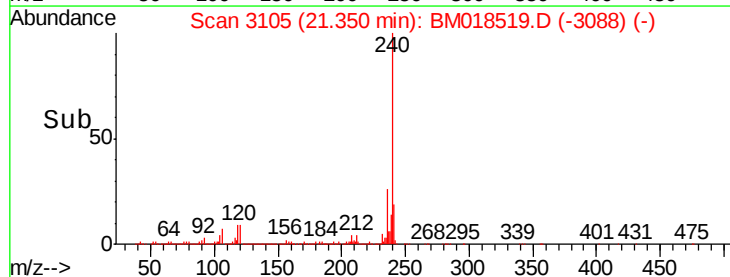
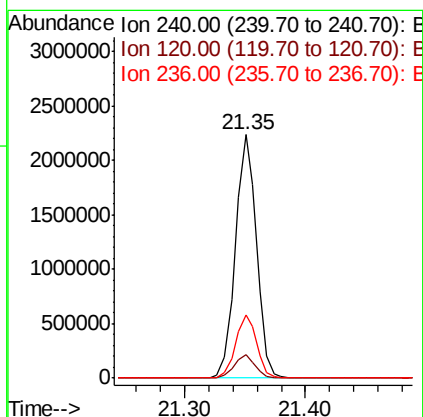
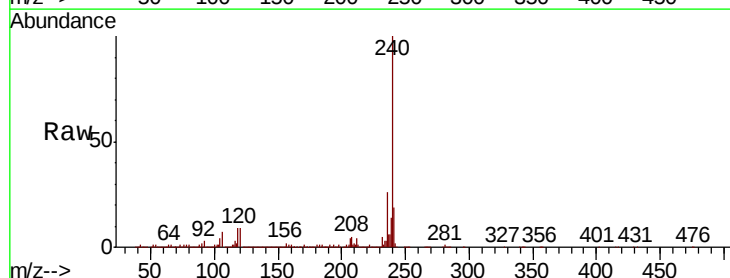
Instrument :
BNA_M
ClientSampleId :
SP-1-6

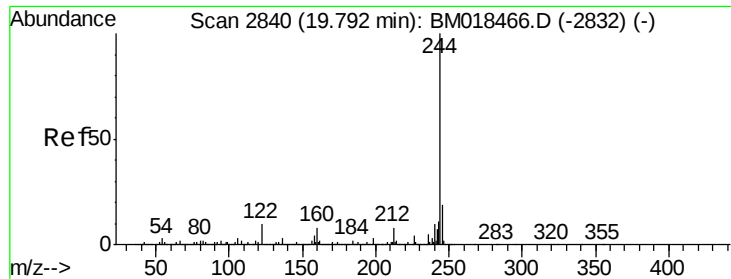
Tot Ion:188 Resp: 2355413
Ion Ratio Lower Upper
188 100
94 7.3 7.1 10.7
80 7.5 7.6 11.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.35 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BM018519.D
Acq: 10 Jan 2019 21:29

Tgt Ion:240 Resp: 2715719
Ion Ratio Lower Upper
240 100
120 9.5 8.4 12.6
236 25.7 20.7 31.1





#79

Terphenyl-d14

Concen: 92.451 ng

RT: 19.79 min Scan# 2839

Delta R.T. -0.00 min

Lab File: BM018519.D

Acq: 10 Jan 2019 21:29

Instrument :

BNA_M

ClientSampled :

SP-1-6

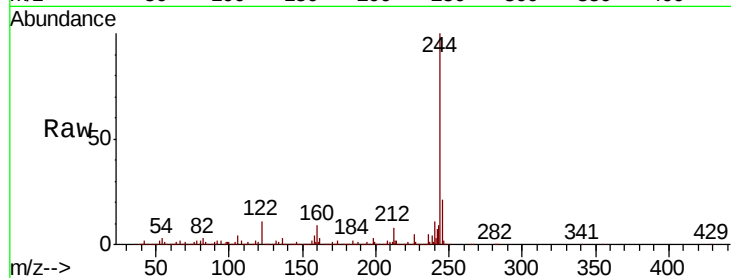
Tot Ion:244 Resp:11910164

Ion Ratio Lower Upper

244 100

212 8.3 5.9 8.9

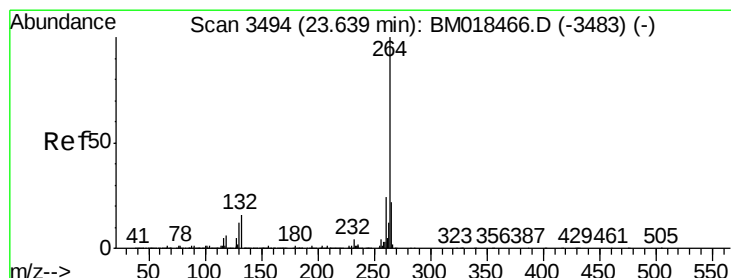
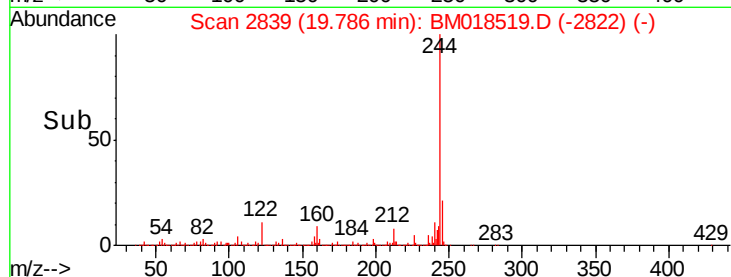
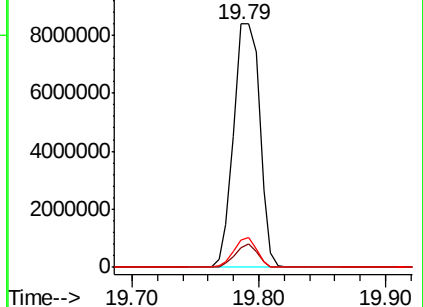
122 11.0 9.0 13.4



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: 23.64 min Scan# 3494

Delta R.T. 0.01 min

Lab File: BM018519.D

Acq: 10 Jan 2019 21:29

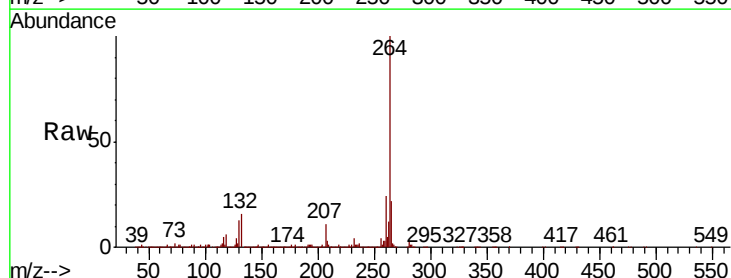
Tgt Ion:264 Resp: 2787041

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 21.5 16.8 25.2



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

