

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060119\
 Data File : BM020645.D
 Acq On : 01 Jun 2019 11:56
 Operator : HP/JU
 Sample : K3072-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-4

Quant Time: Jun 03 01:56:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 15:48:49 2019
 Response via : Initial Calibration

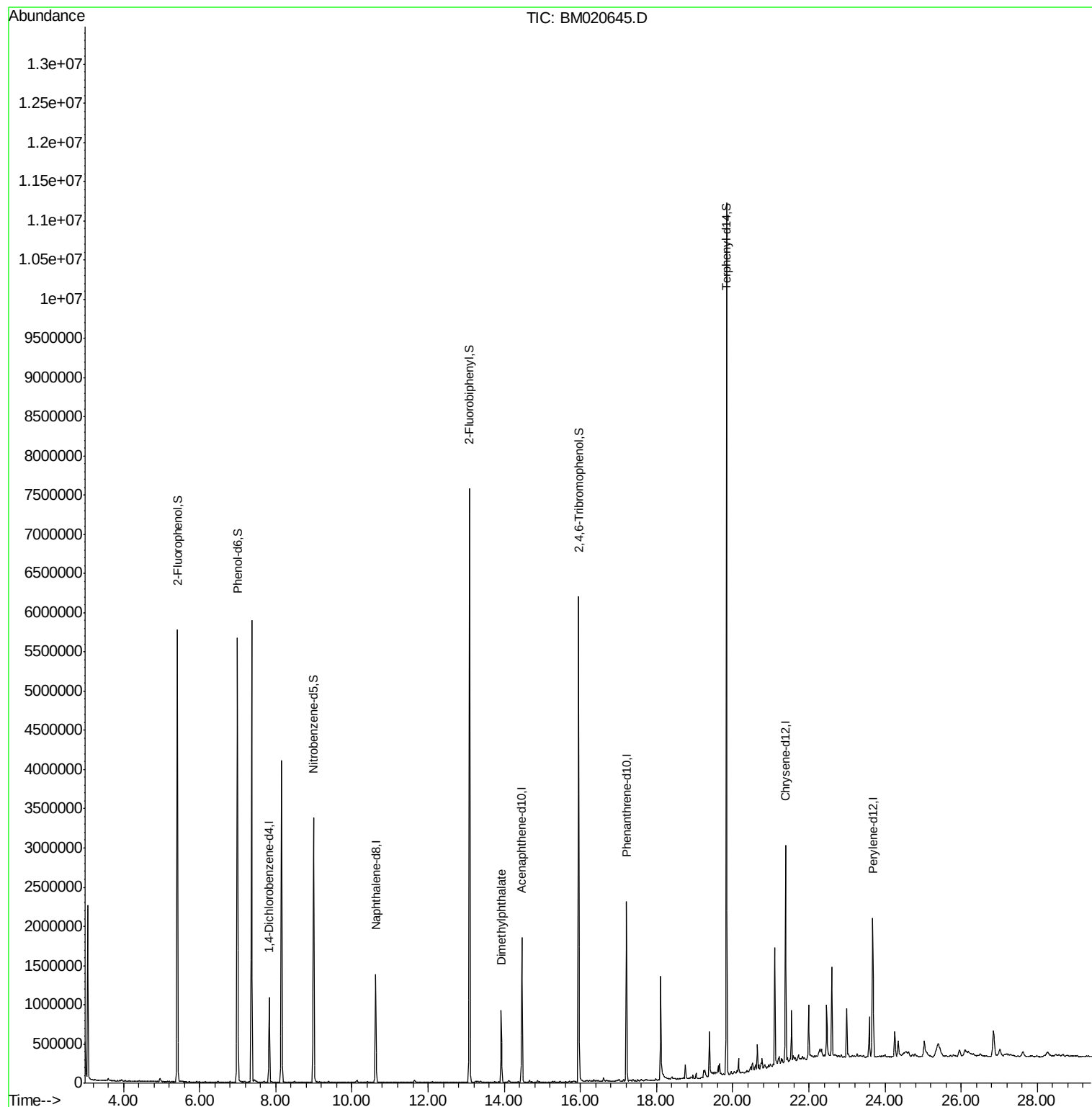
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	274728	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1102104	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	593945	20.00	ng	-0.01
64) Phenanthrene-d10	17.21	188	1258520	20.00	ng	0.00
76) Chrysene-d12	21.39	240	1122500	20.00	ng	-0.01
87) Perylene-d12	23.68	264	1240605	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	2301018	147.33	ng	0.00
7) Phenol-d6	6.99	99	3188176	138.64	ng	0.00
23) Nitrobenzene-d5	8.99	82	1941623	91.28	ng	0.00
42) 2,4,6-Tribromophenol	15.96	330	1077024	146.36	ng	0.00
45) 2-Fluorobiphenyl	13.09	172	3759175	84.14	ng	0.00
79) Terphenyl-d14	19.84	244	4972674	74.10	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.92	163	558296	11.002	ng	Qvalue 100

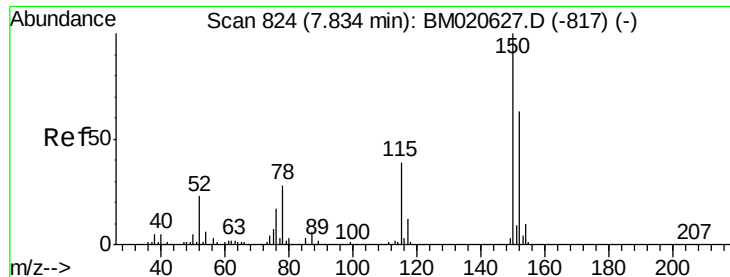
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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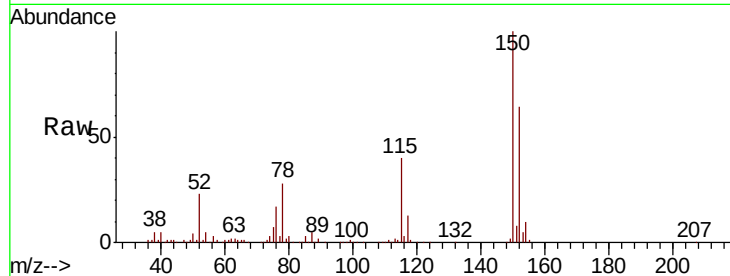


#1

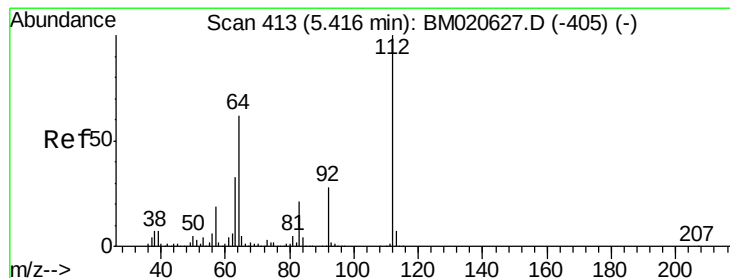
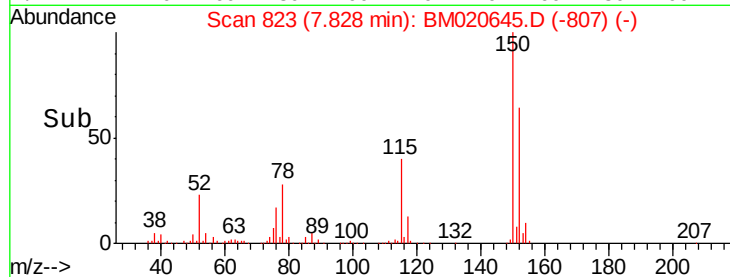
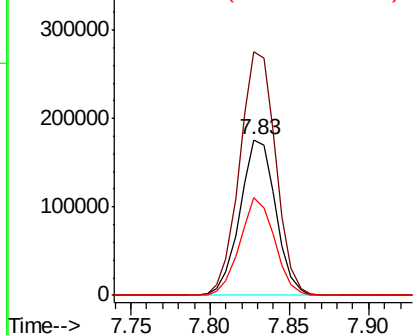
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM020645.D
Acq: 01 Jun 2019 11:56

Instrument :
BNA_M
ClientSampleId :
TP-4

Tot Ion:152 Resp: 274728
Ion Ratio Lower Upper
152 100
150 156.4 126.0 189.0
115 62.8 49.6 74.4



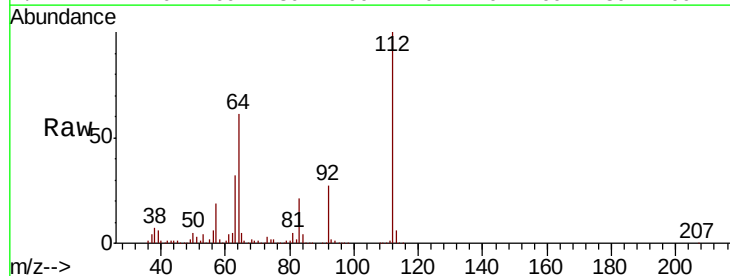
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



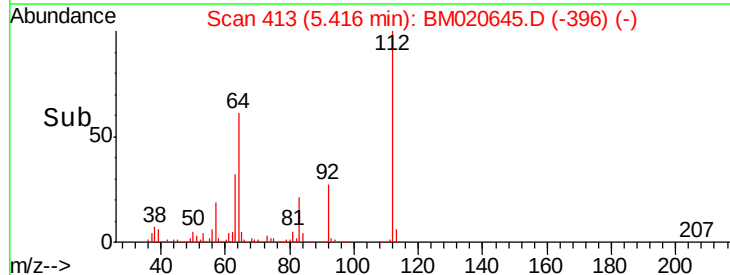
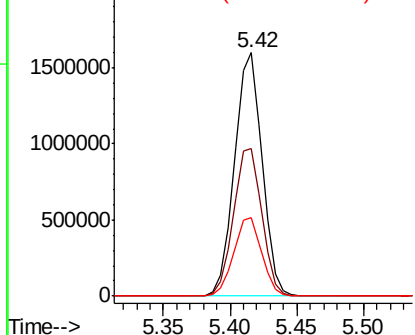
#5

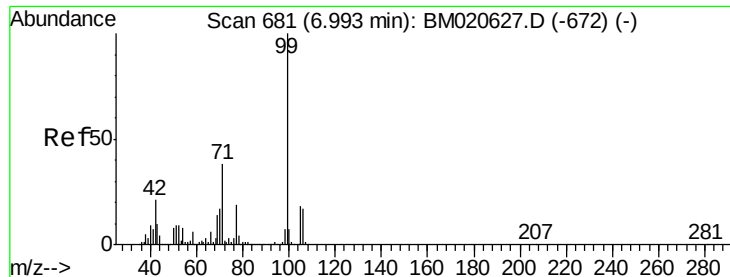
2-Fluorophenol
Concen: 147.333 ng
RT: 5.42 min Scan# 413
Delta R.T. -0.00 min
Lab File: BM020645.D
Acq: 01 Jun 2019 11:56

Tgt Ion:112 Resp: 2301018
Ion Ratio Lower Upper
112 100
64 60.8 49.7 74.5
63 32.5 26.4 39.6



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: 138.636 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM020645.D

Acq: 01 Jun 2019 11:56

Instrument :

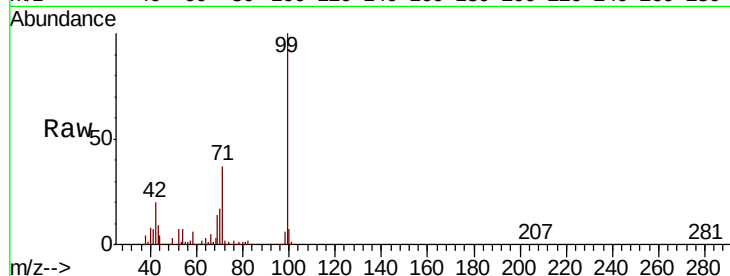
BNA_M

ClientSampled :

TP-4

Tot Ion: 99 Resp: 3188176

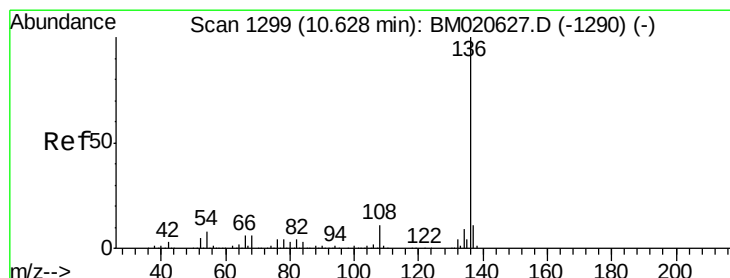
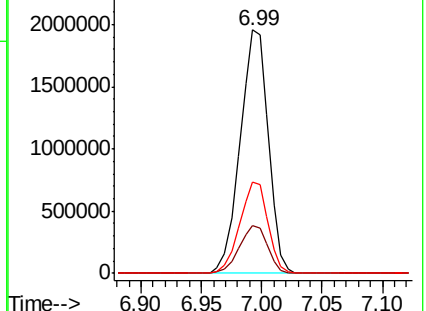
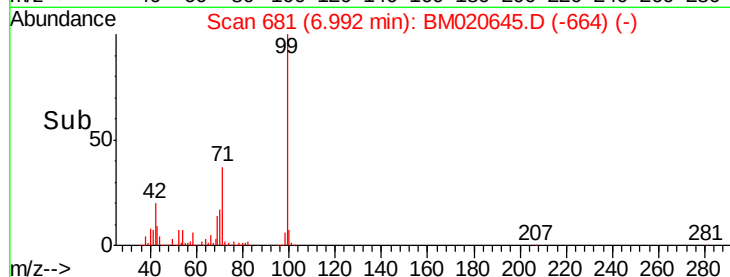
Ion	Ratio	Lower	Upper
99	100		
42	19.5	16.5	24.7
71	37.5	30.7	46.1



Abundance Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.62 min Scan# 1298

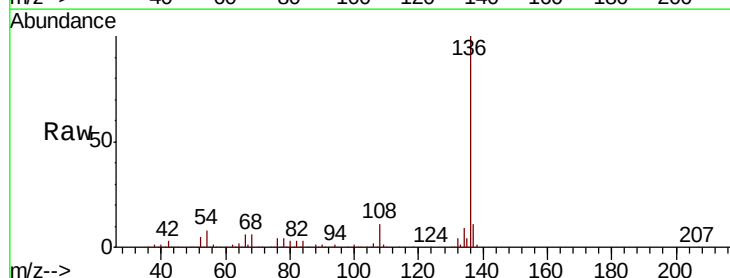
Delta R.T. -0.01 min

Lab File: BM020645.D

Acq: 01 Jun 2019 11:56

Tgt Ion: 136 Resp: 1102104

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.1	6.6	10.0
68	6.5	5.1	7.7

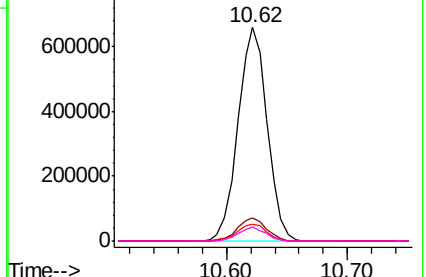
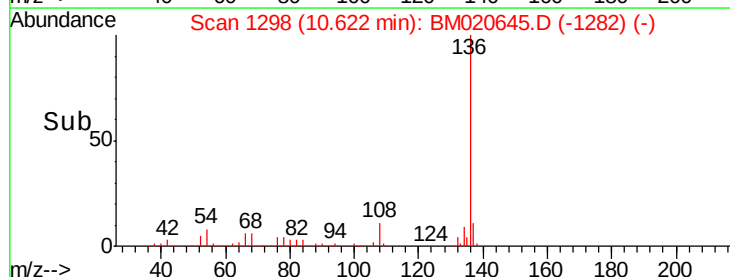


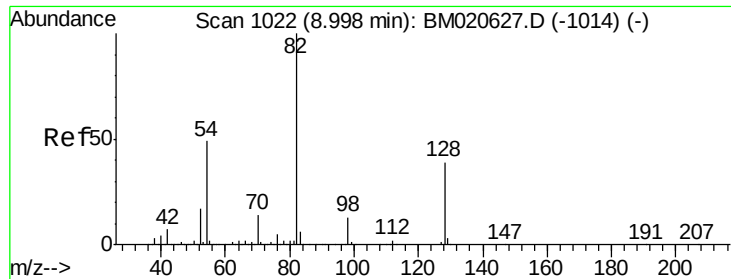
Abundance Ion 136.00 (135.70 to 136.70): E

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

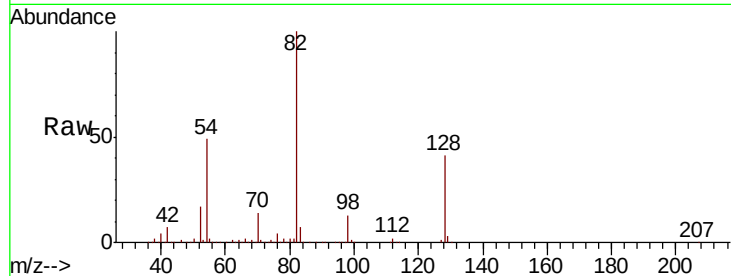




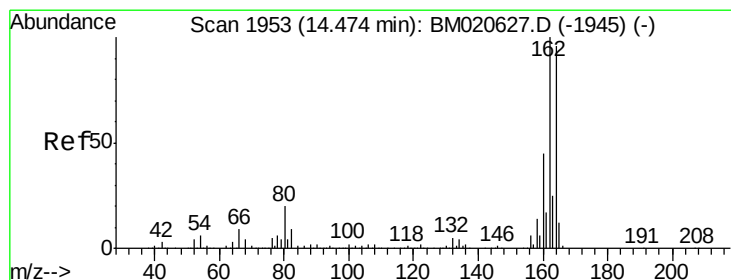
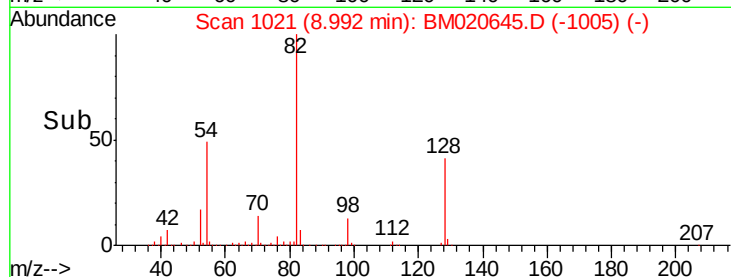
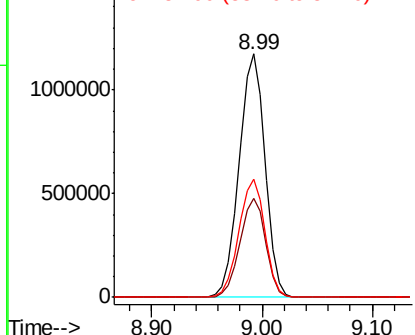
#23
Nitrobenzene-d5
Concen: 91.279 ng
RT: 8.99 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BM020645.D
Acq: 01 Jun 2019 11:56

Instrument :
BNA_M
ClientSampleId :
TP-4

Tot Ion: 82 Resp: 1941623
Ion Ratio Lower Upper
82 100
128 40.7 31.5 47.3
54 48.7 39.4 59.0

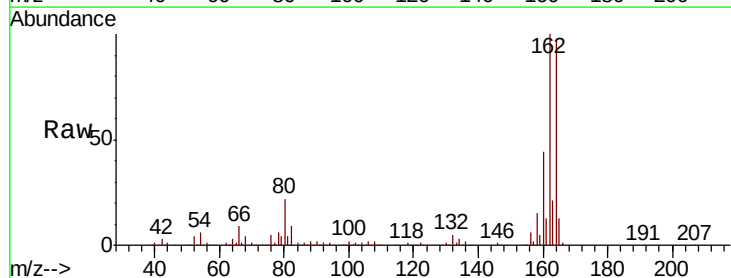


Abundance Ion 82.00 (81.70 to 82.70): BM020627.D (-1014) (-)
Ion 128.00 (127.70 to 128.70): BM020627.D (-1014) (-)
Ion 54.00 (53.70 to 54.70): BM020627.D (-1014) (-)

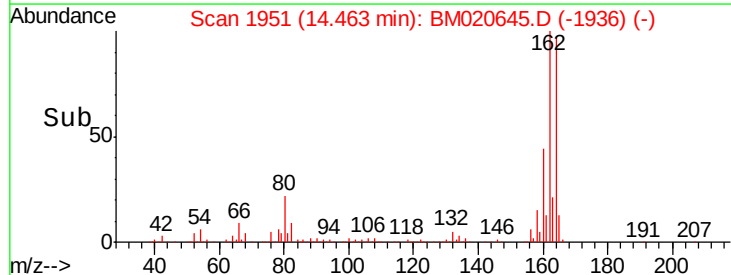
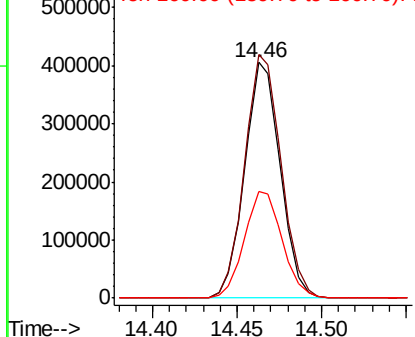


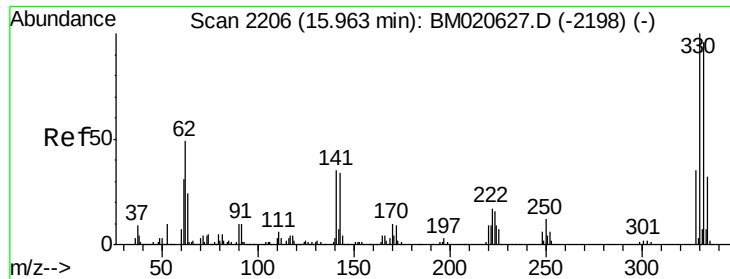
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BM020645.D
Acq: 01 Jun 2019 11:56

Tgt Ion:164 Resp: 593945
Ion Ratio Lower Upper
164 100
162 103.2 83.2 124.8
160 45.2 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): BM020627.D (-1945) (-)
Ion 162.00 (161.70 to 162.70): BM020627.D (-1945) (-)
Ion 160.00 (159.70 to 160.70): BM020627.D (-1945) (-)

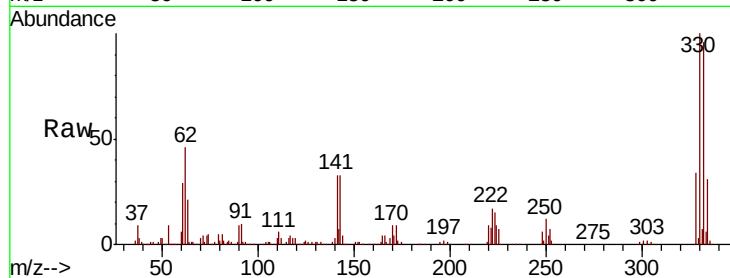




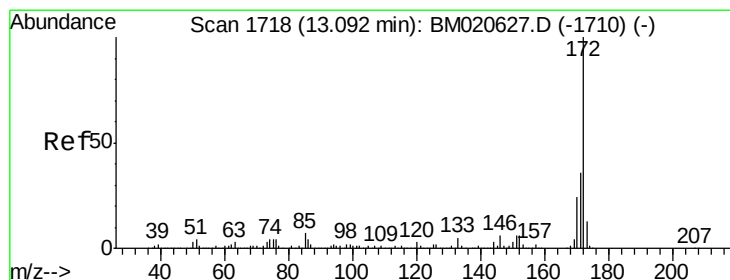
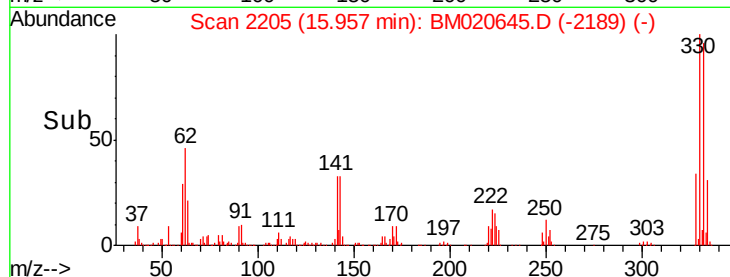
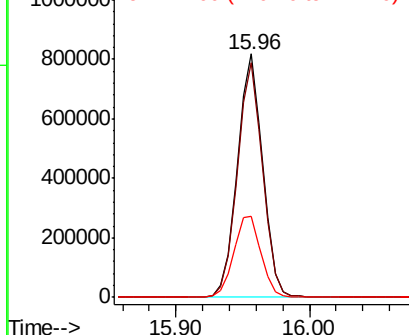
#42
 2,4,6-Tribromophenol
 Concen: 146.356 ng
 RT: 15.96 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BM020645.D
 Acq: 01 Jun 2019 11:56

Instrument :
 BNA_M
 ClientSampled :
 TP-4

Tot Ion:330 Resp: 1077024
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.0
 141 36.3 30.4 45.6

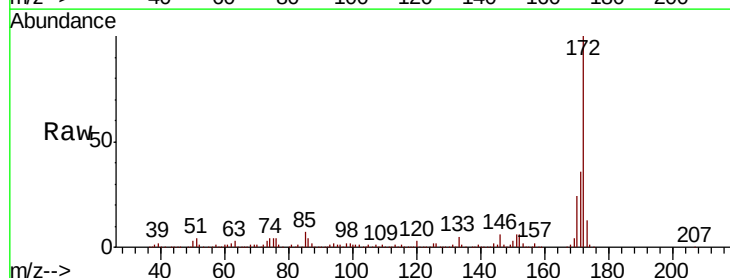


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

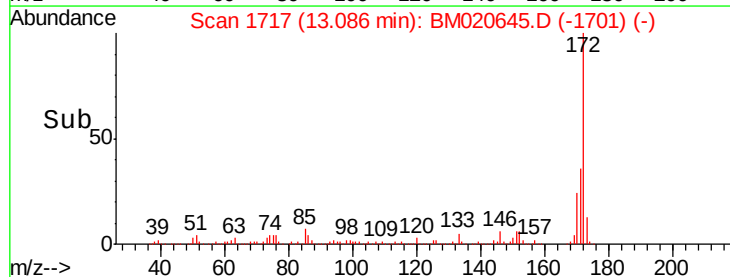
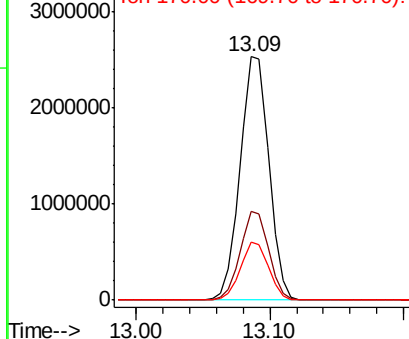


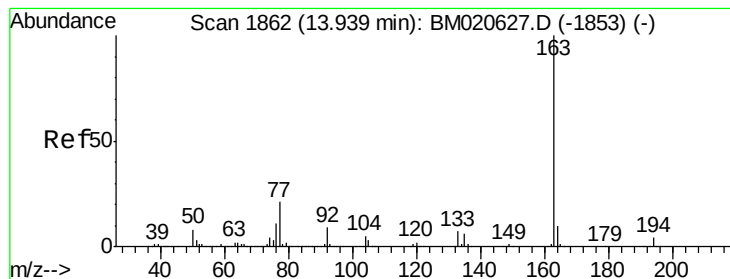
#45
 2-Fluorobiphenyl
 Concen: 84.143 ng
 RT: 13.09 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BM020645.D
 Acq: 01 Jun 2019 11:56

Tgt Ion:172 Resp: 3759175
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.6 43.0
 170 23.8 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





#50

Dimethylphthalate

Concen: 11.002 ng

RT: 13.92 min Scan# 1859

Delta R.T. -0.02 min

Lab File: BM020645.D

Acq: 01 Jun 2019 11:56

Instrument :

BNA_M

ClientSampled :

TP-4

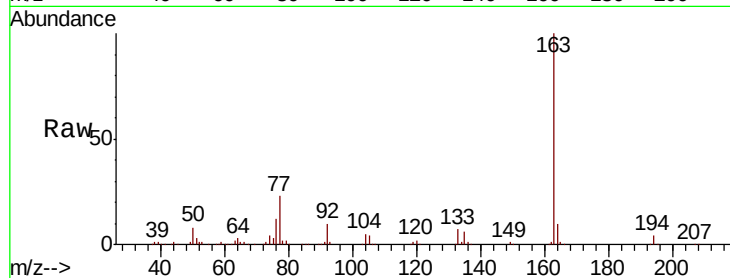
Tot Ion:163 Resp: 558296

Ion Ratio Lower Upper

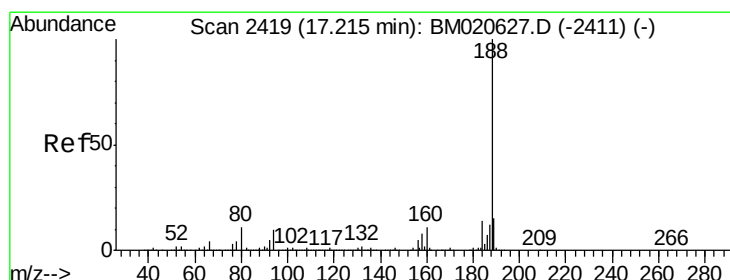
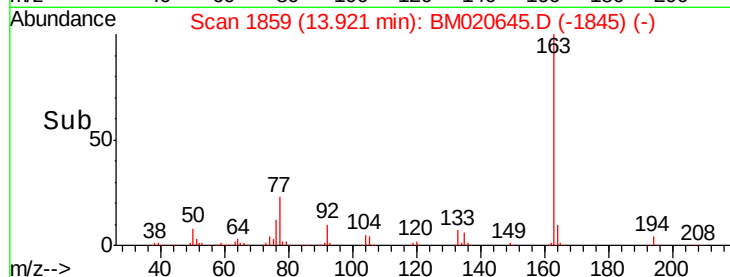
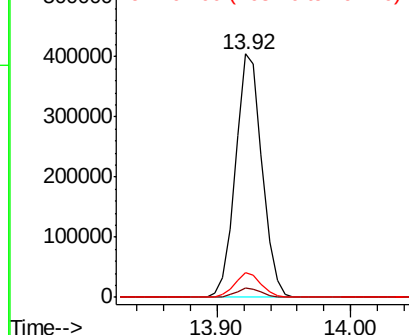
163 100

194 3.8 3.2 4.8

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: 17.21 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BM020645.D

Acq: 01 Jun 2019 11:56

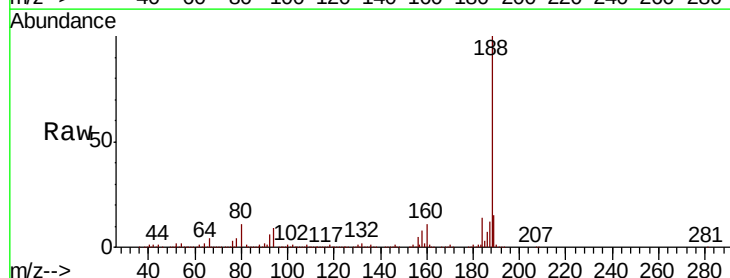
Tgt Ion:188 Resp: 1258520

Ion Ratio Lower Upper

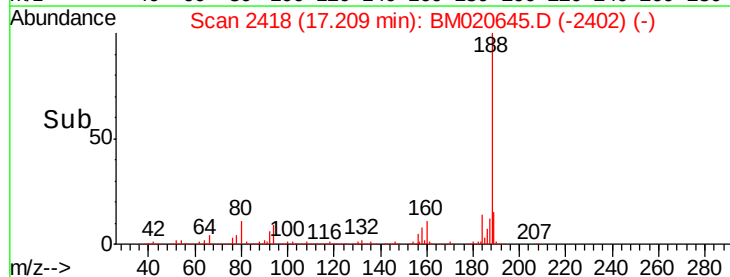
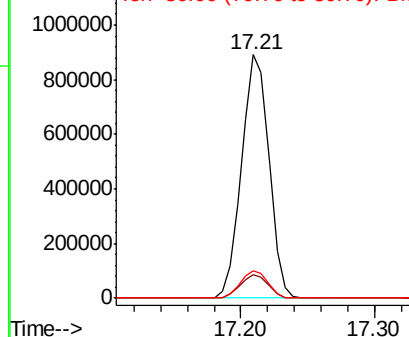
188 100

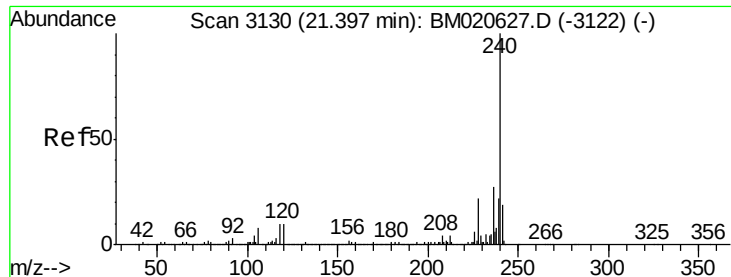
94 9.4 7.8 11.8

80 11.2 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

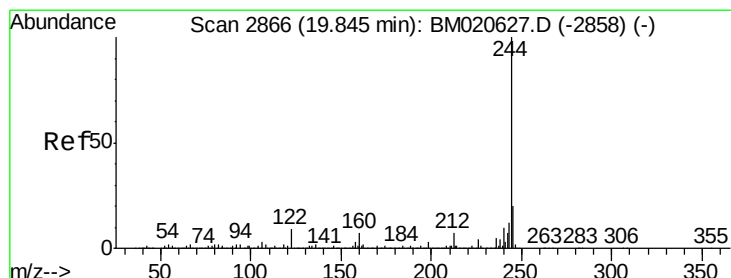
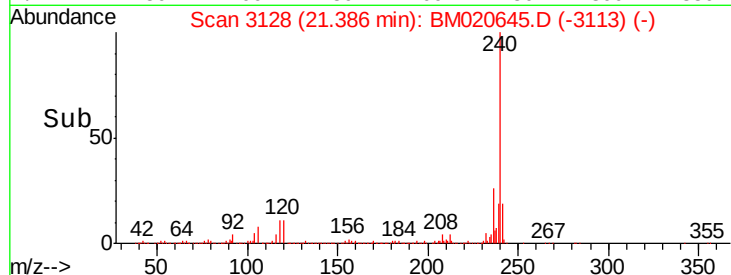
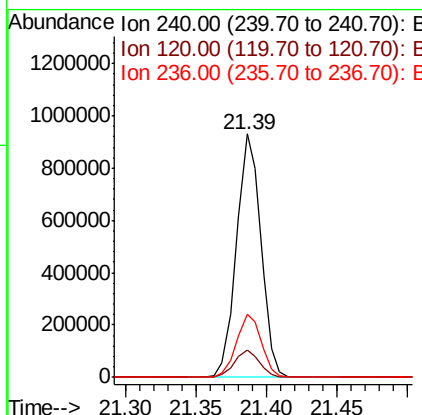
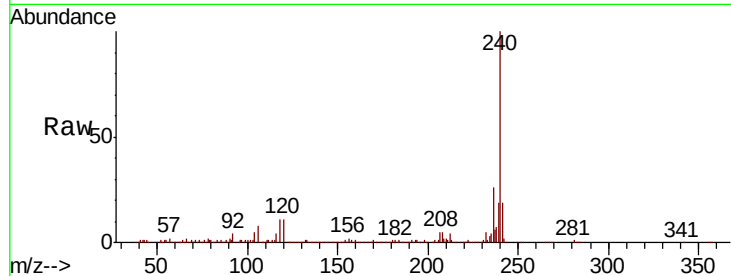




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.39 min Scan# 3128
 Delta R.T. -0.01 min
 Lab File: BM020645.D
 Acq: 01 Jun 2019 11:56

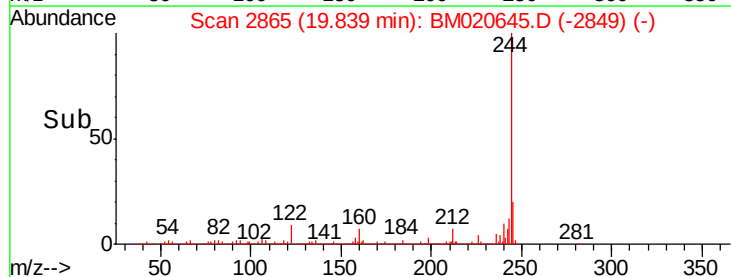
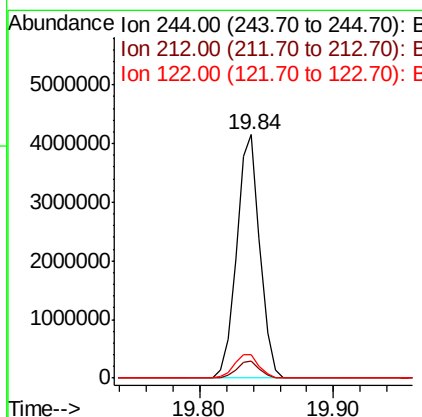
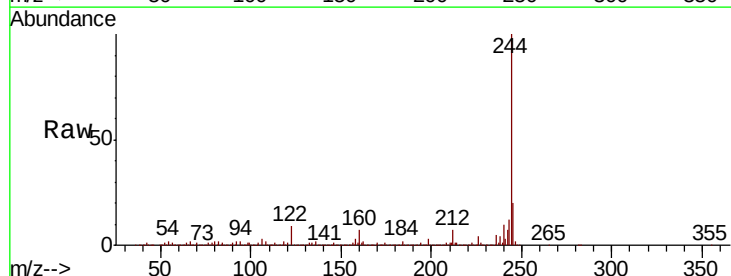
Instrument :
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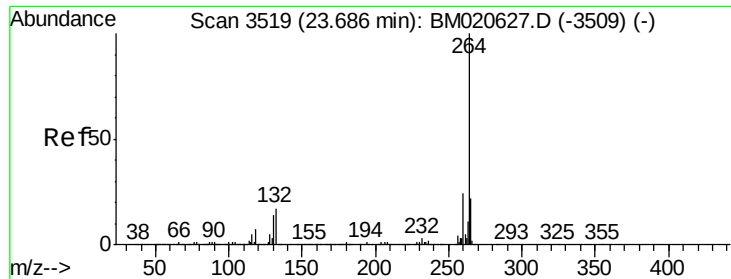
Tot Ion:240 Resp: 1122500
 Ion Ratio Lower Upper
 240 100
 120 11.2 8.2 12.2
 236 25.8 21.2 31.8



#79
 Terphenyl-d14
 Concen: 74.098 ng
 RT: 19.84 min Scan# 2865
 Delta R.T. -0.01 min
 Lab File: BM020645.D
 Acq: 01 Jun 2019 11:56

Tgt Ion:244 Resp: 4972674
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 9.4 7.2 10.8





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.68 min Scan# 3518
Delta R.T. -0.01 min
Lab File: BM020645.D
Acq: 01 Jun 2019 11:56

Instrument :
BNA_M
ClientSampleId :
TP-4

Tot Ion:264 Resp: 1240605

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.4	17.6	26.4

