

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
 Data File : BM020060.D
 Acq On : 24 Apr 2019 06:41
 Operator : JU/SJ
 Sample : PB119063TB
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119063TB

Quant Time: Apr 24 08:35:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	80543	20.00	ng	-0.02
21) Naphthalene-d8	10.28	136	239216	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	144112	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	284844	20.00	ng	0.00
76) Chrysene-d12	21.16	240	298683	20.00	ng	0.00
87) Perylene-d12	23.33	264	375090	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	566708	114.03	ng	-0.02
7) Phenol-d6	6.69	99	707703	94.62	ng	-0.02
23) Nitrobenzene-d5	8.67	82	432348	80.83	ng	-0.01
42) 2,4,6-Tribromophenol	15.68	330	219522	94.63	ng	-0.01
45) 2-Fluorobiphenyl	12.76	172	923549	79.87	ng	-0.02
79) Terphenyl-d14	19.57	244	1403561	82.89	ng	-0.02

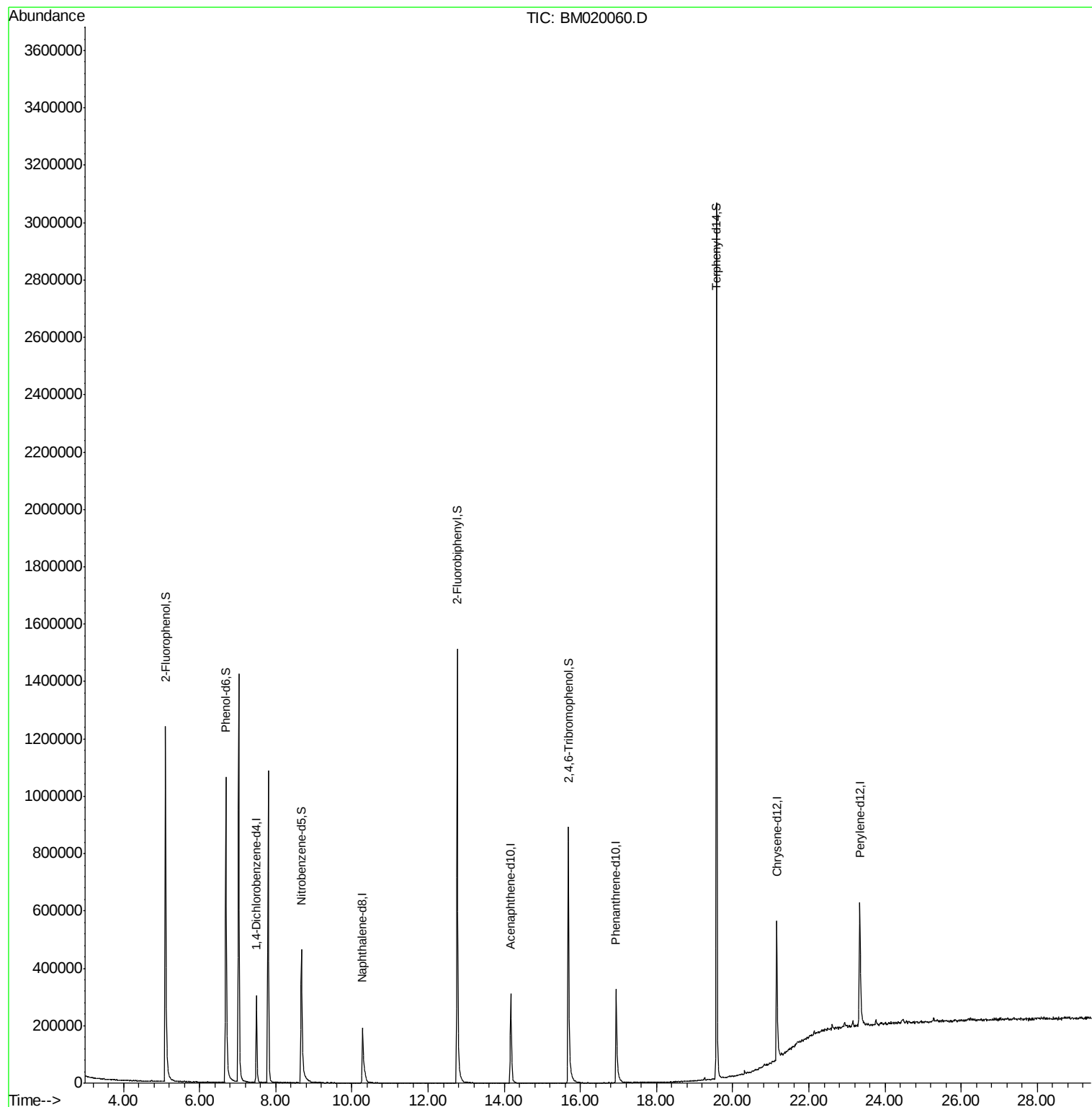
Target Compounds Qvalue

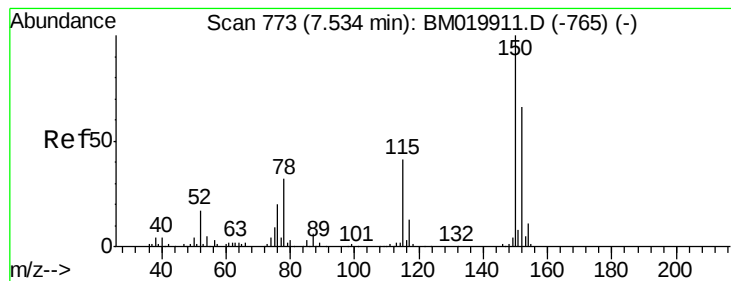
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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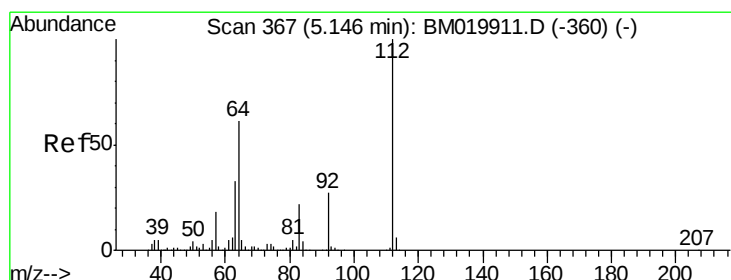
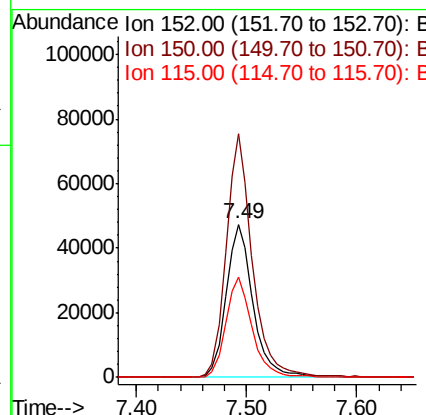
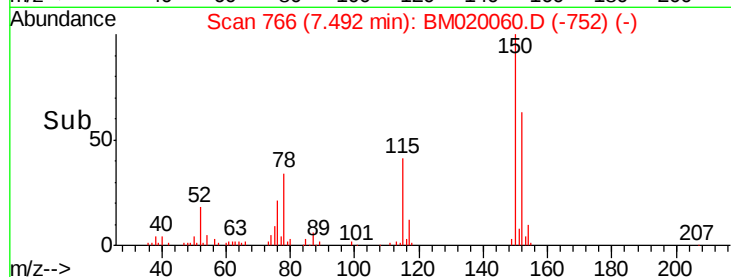
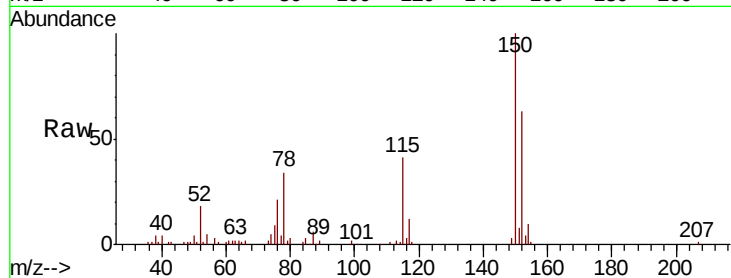


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 766
Delta R.T. -0.02 min
Lab File: BM020060.D
Acq: 24 Apr 2019 06:41

Instrument :
BNA_M
ClientSampleId :
PB119063TB

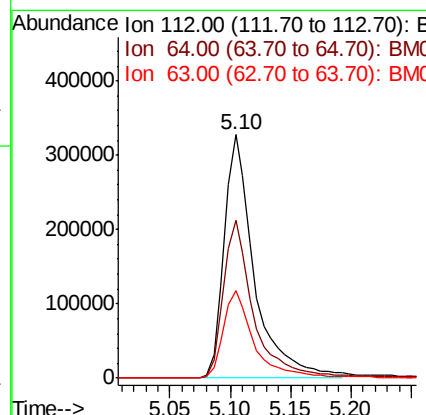
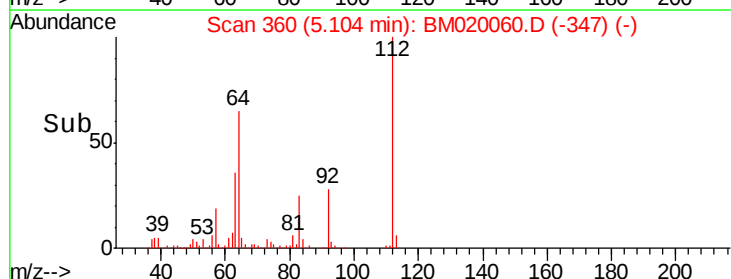
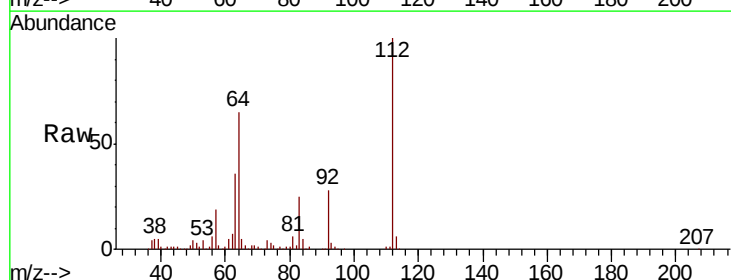
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	122.1	183.1
115	65.4	50.0	75.0

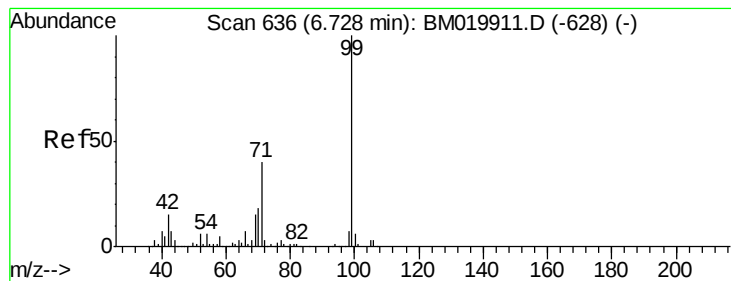


#5

2-Fluorophenol
Concen: 114.030 ng
RT: 5.10 min Scan# 360
Delta R.T. -0.02 min
Lab File: BM020060.D
Acq: 24 Apr 2019 06:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.8	49.1	73.7
63	36.0	26.5	39.7





#7

Phenol-d6

Concen: 94.619 ng

RT: 6.69 min Scan# 629

Delta R.T. -0.02 min

Lab File: BM020060.D

Acq: 24 Apr 2019 06:41

Instrument :

BNA_M

ClientSampleId :

PB119063TB

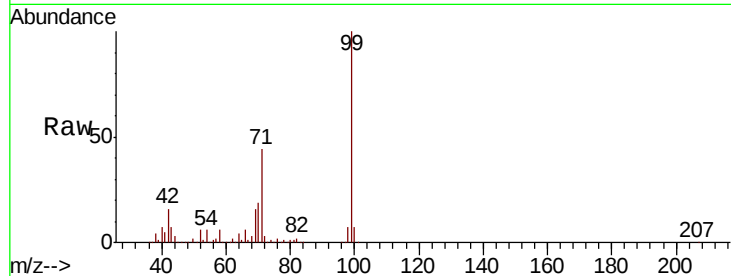
Tot Ion: 99 Resp: 707703

Ion Ratio Lower Upper

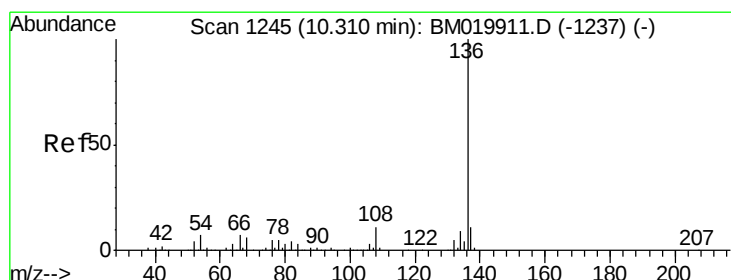
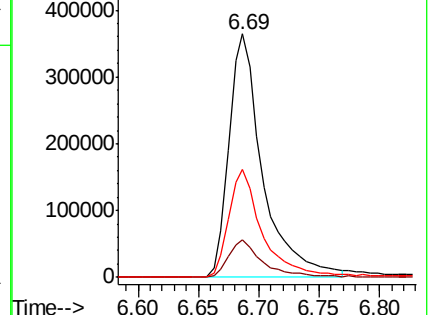
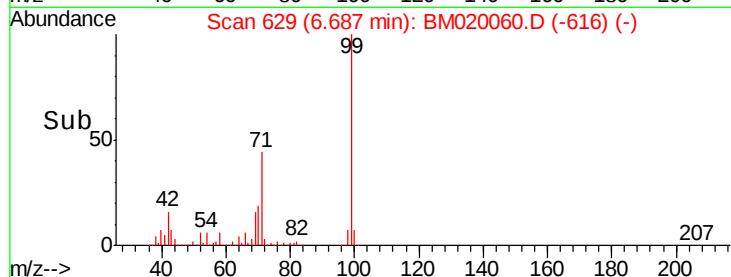
99 100

42 15.6 11.8 17.8

71 44.2 32.0 48.0



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: 10.28 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BM020060.D

Acq: 24 Apr 2019 06:41

Tgt Ion: 136 Resp: 239216

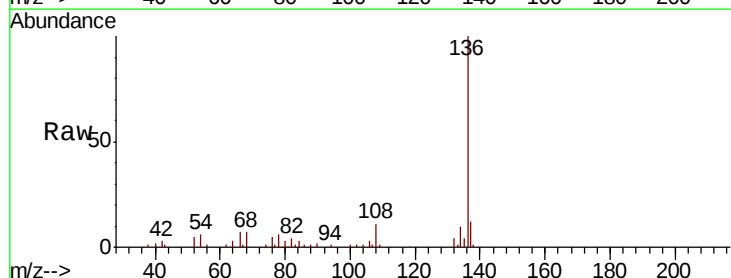
Ion Ratio Lower Upper

136 100

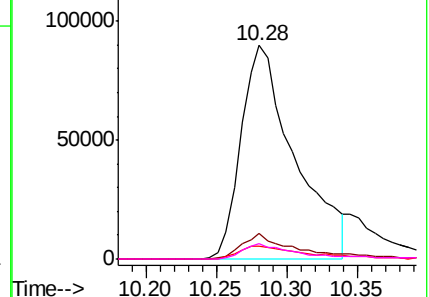
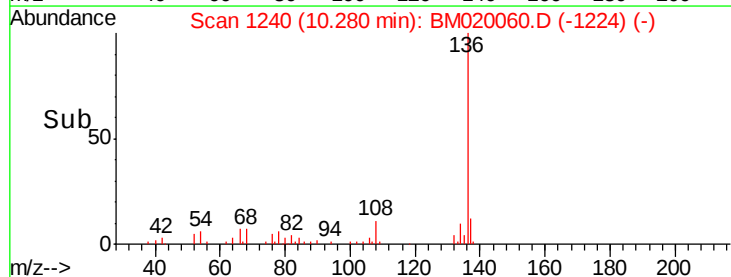
137 12.1 9.0 13.6

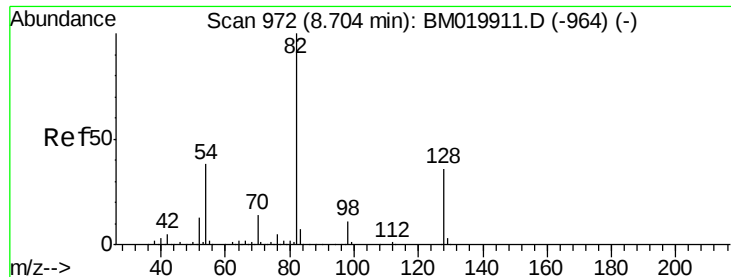
54 6.2 5.3 7.9

68 7.4 5.2 7.8



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

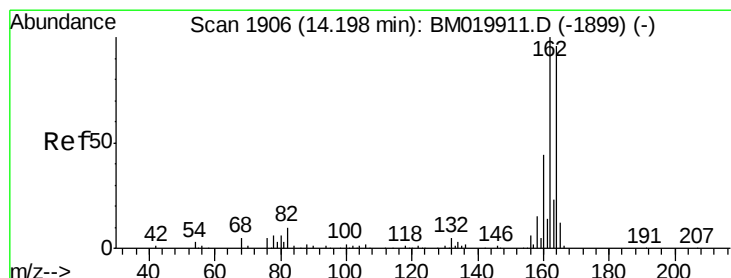
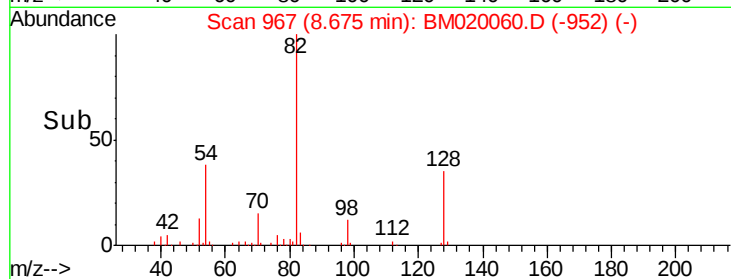
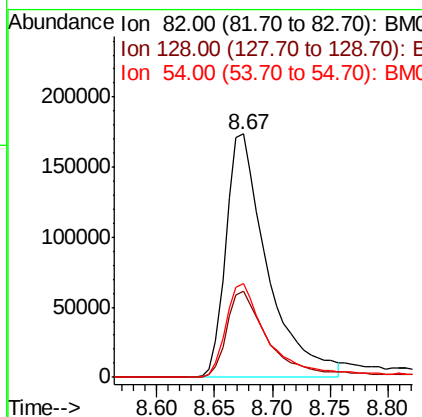
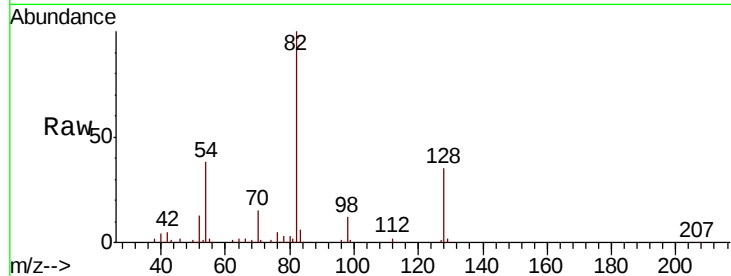




#23
 Nitrobenzene-d5
 Concen: 80.827 ng
 RT: 8.67 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BM020060.D
 Acq: 24 Apr 2019 06:41

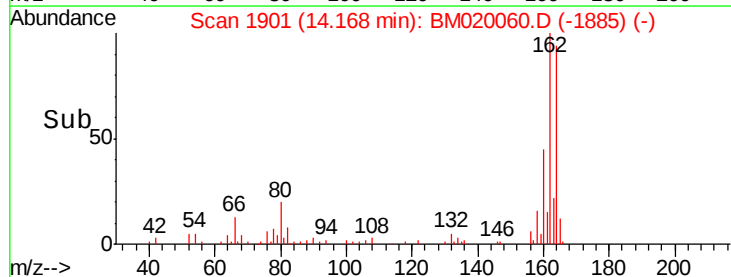
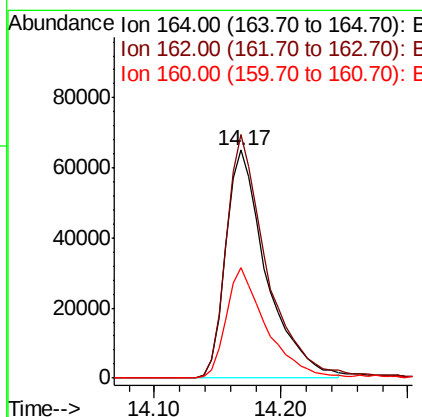
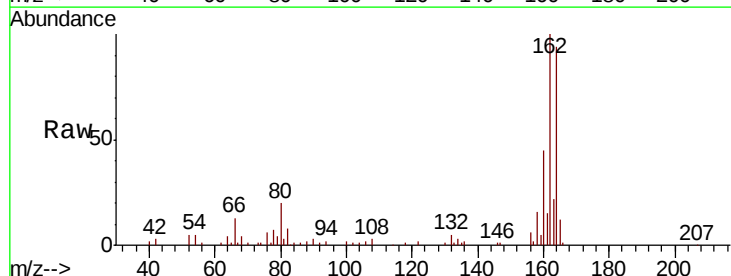
Instrument :
 BNA_M
 ClientSampleId :
 PB119063TB

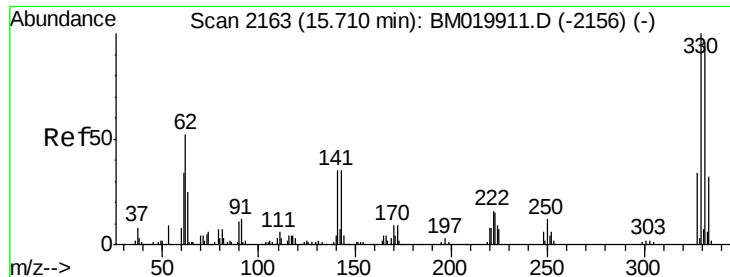
Tot Ion	82	Resp	432348
Ion Ratio	Lower	Upper	
82	100		
128	35.4	29.0	43.4
54	38.5	30.2	45.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.17 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: BM020060.D
 Acq: 24 Apr 2019 06:41

Tgt Ion	164	Resp	144112
Ion Ratio	Lower	Upper	
164	100		
162	106.7	83.0	124.4
160	48.2	36.6	55.0

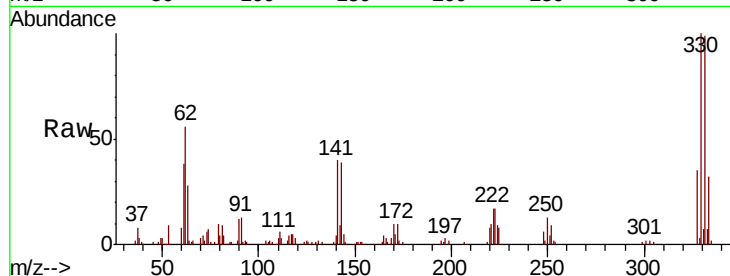




#42
 2,4,6-Tribromophenol
 Concen: 94.630 ng
 RT: 15.68 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BM020060.D
 Acq: 24 Apr 2019 06:41

Instrument :
 BNA_M
 ClientSampled :
 PB119063TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.4	116.2
141	40.9	29.0	43.4

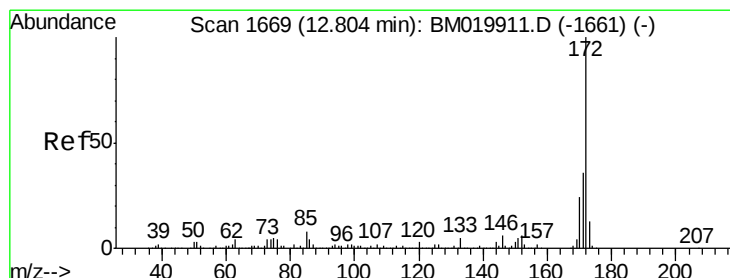
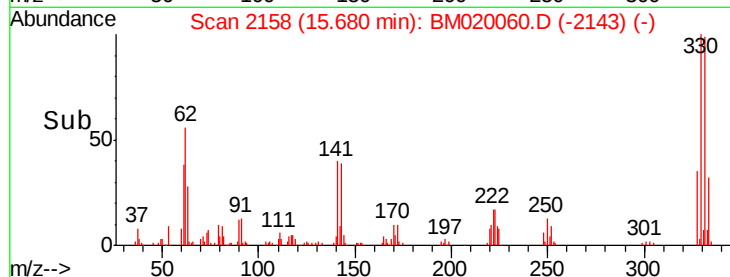
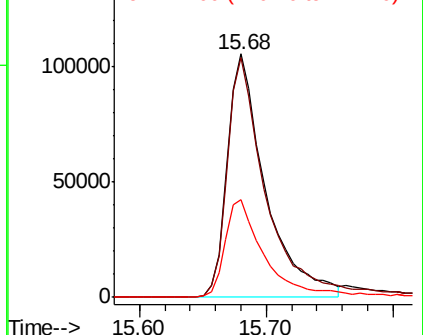


Abundance

Ion 329.80 (329.50 to 330.50): E

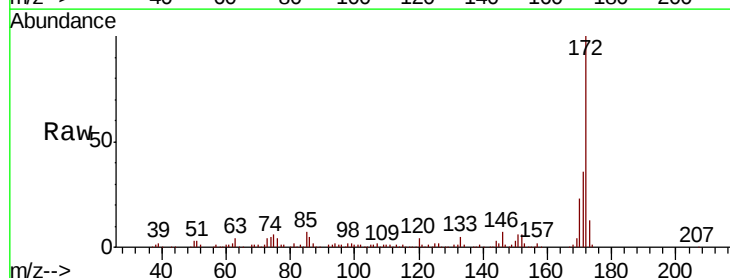
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 79.865 ng
 RT: 12.76 min Scan# 1662
 Delta R.T. -0.02 min
 Lab File: BM020060.D
 Acq: 24 Apr 2019 06:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.9	43.3
170	23.5	19.0	28.4

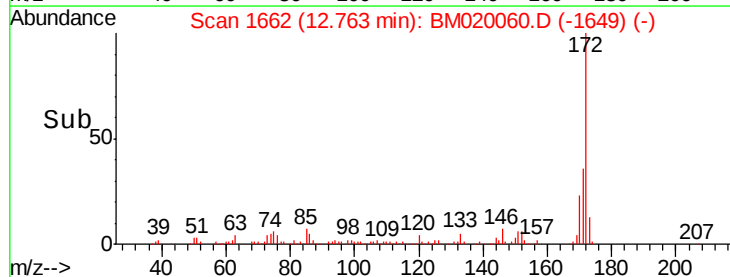
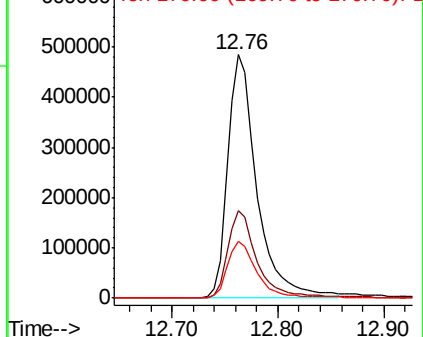


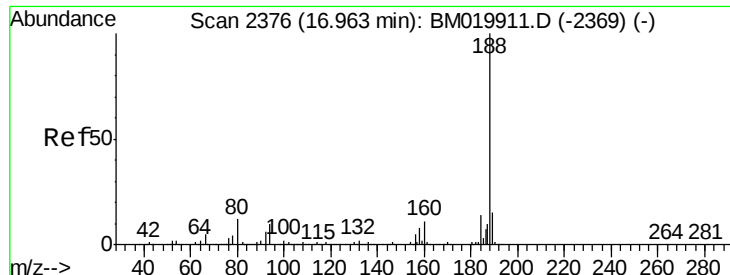
Abundance

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

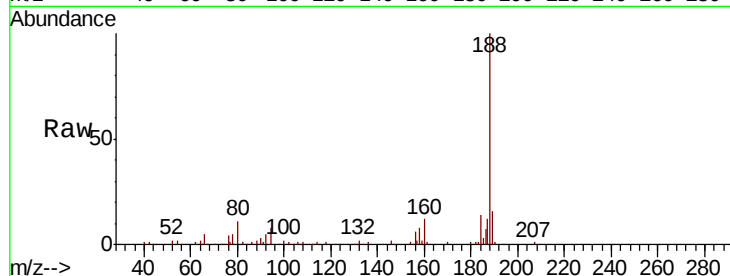




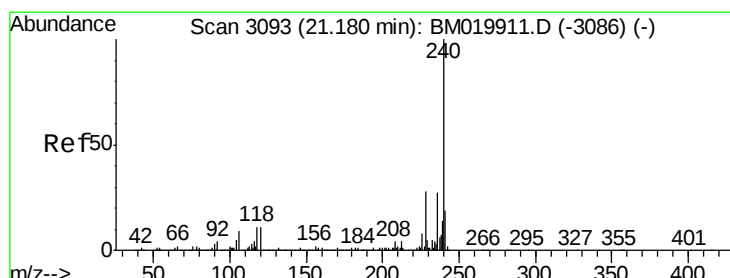
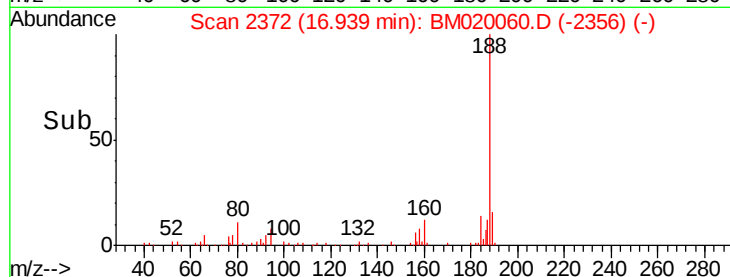
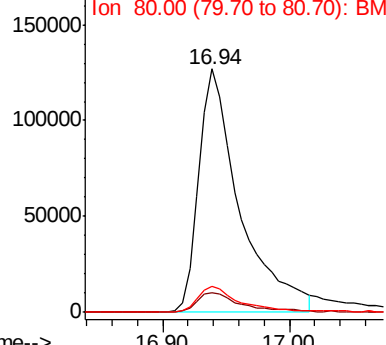
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BM020060.D
Acq: 24 Apr 2019 06:41

Instrument :
BNA_M
ClientSampleId :
PB119063TB

Tot Ion:188 Resp: 284844
Ion Ratio Lower Upper
188 100
94 7.8 7.6 11.4
80 10.5 9.4 14.0

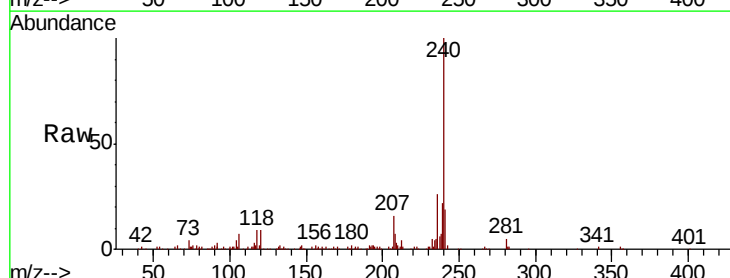


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

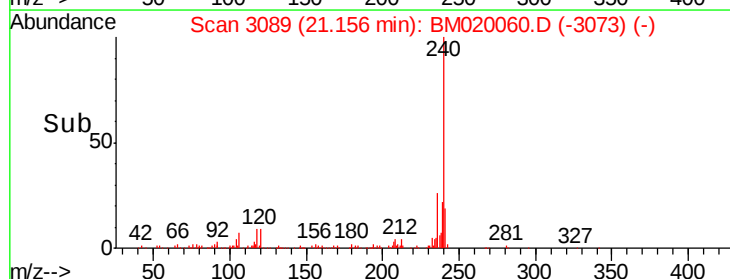
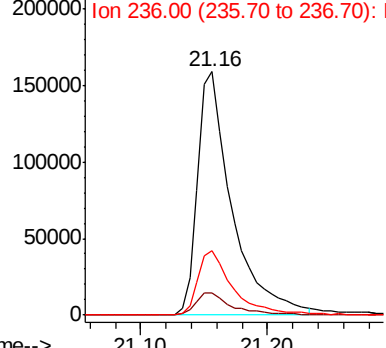


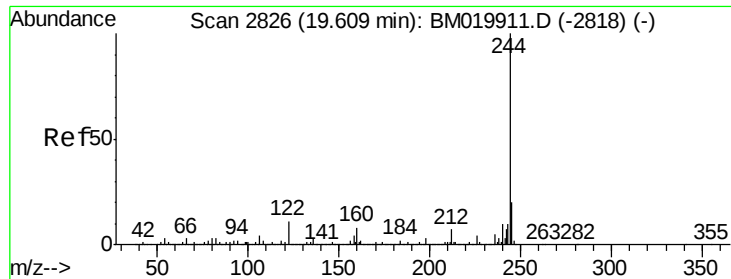
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM020060.D
Acq: 24 Apr 2019 06:41

Tgt Ion:240 Resp: 298683
Ion Ratio Lower Upper
240 100
120 9.2 8.6 13.0
236 26.3 21.4 32.2



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: 82.885 ng

RT: 19.57 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BM020060.D

Acq: 24 Apr 2019 06:41

Instrument :

BNA_M

ClientSampled :

PB119063TB

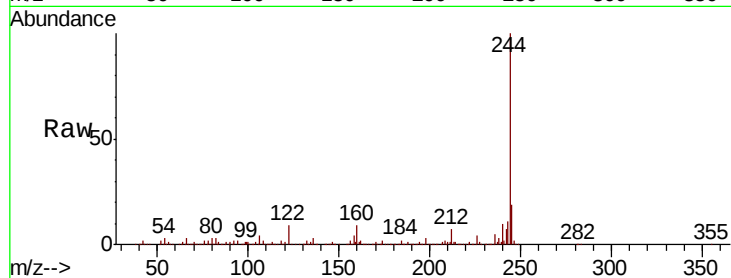
Tot Ion:244 Resp: 1403561

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

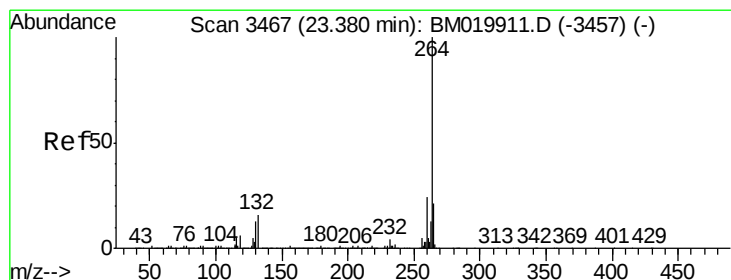
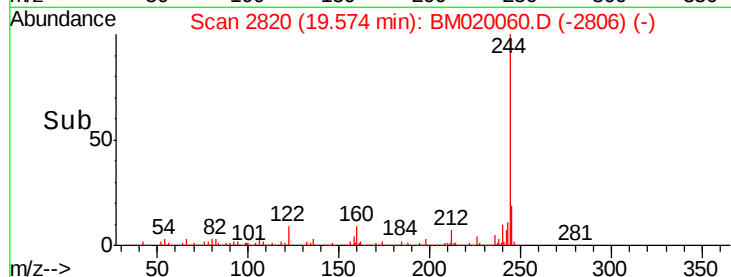
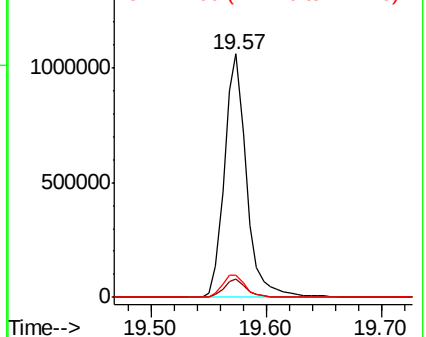
122 9.4 9.1 13.7



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: 23.33 min Scan# 3459

Delta R.T. -0.02 min

Lab File: BM020060.D

Acq: 24 Apr 2019 06:41

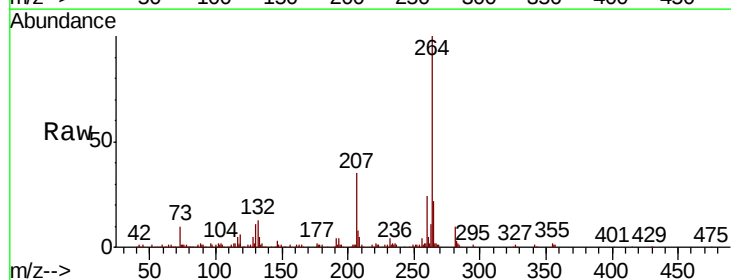
Tgt Ion:264 Resp: 375090

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 22.1 17.2 25.8



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

