

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042219\
 Data File : BM020016.D
 Acq On : 22 Apr 2019 21:19
 Operator : JU/SJ
 Sample : K2201-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 23 01:04:01 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

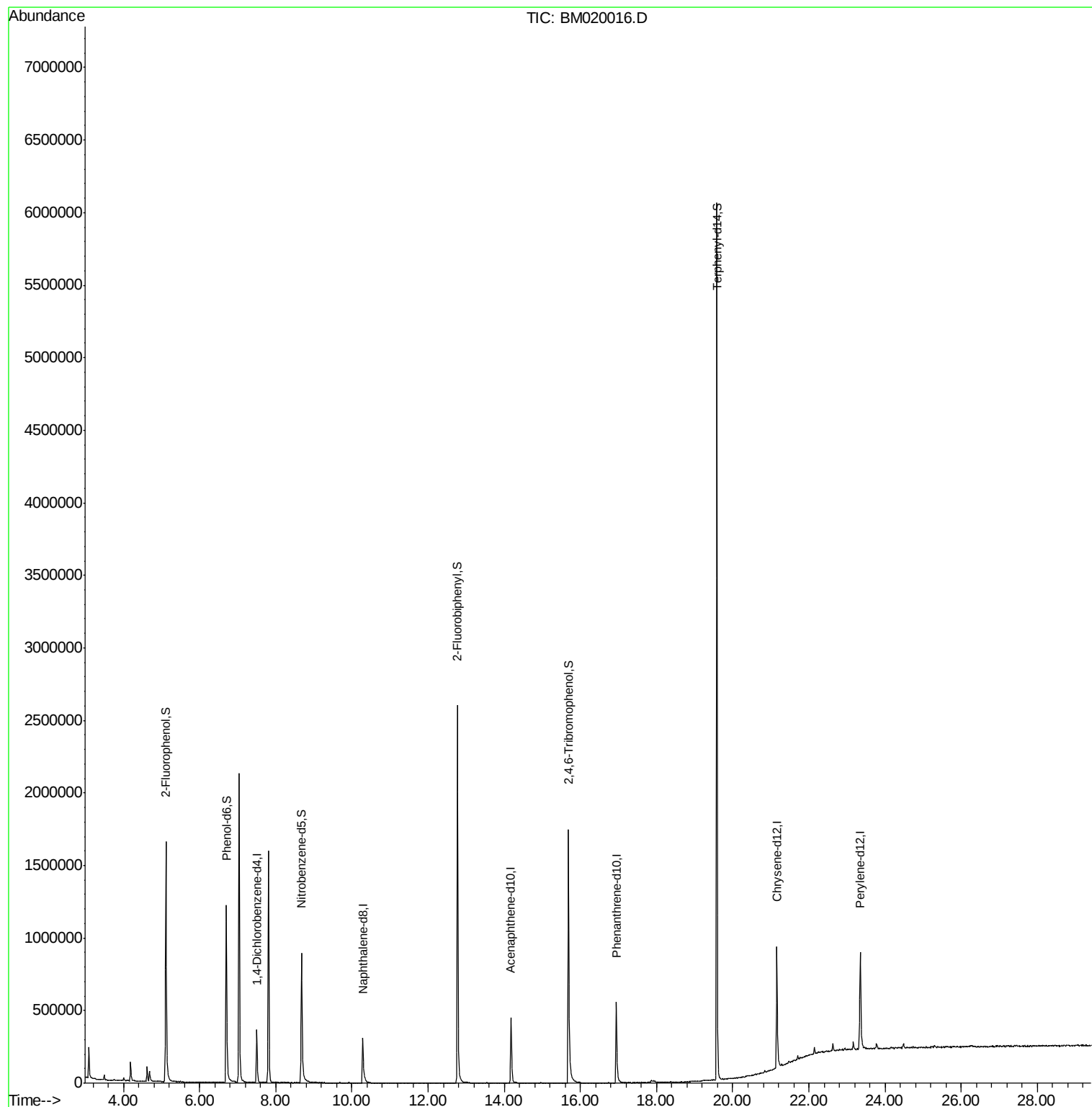
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	96336	20.00	ng	-0.01
21) Naphthalene-d8	10.29	136	319244	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	185151	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	414066	20.00	ng	0.00
76) Chrysene-d12	21.16	240	452900	20.00	ng	0.00
87) Perylene-d12	23.35	264	574479	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	719030	120.96	ng	-0.01
7) Phenol-d6	6.70	99	774884	86.62	ng	-0.01
23) Nitrobenzene-d5	8.67	82	712666	99.83	ng	-0.01
42) 2,4,6-Tribromophenol	15.69	330	404095	135.58	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	1402591	94.41	ng	-0.01
79) Terphenyl-d14	19.59	244	2736752	106.58	ng	0.00
Target Compounds						
9) Benzaldehyde	6.70	77	2260	Below Cal	Qvalue #	7

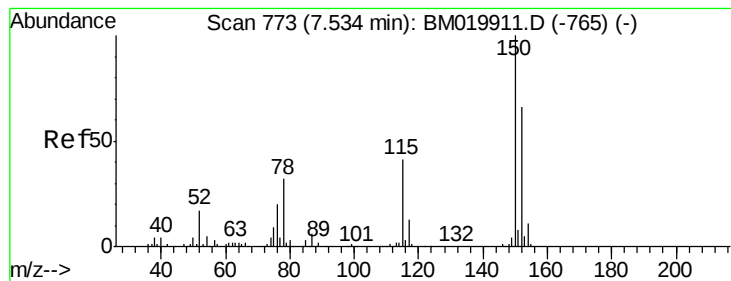
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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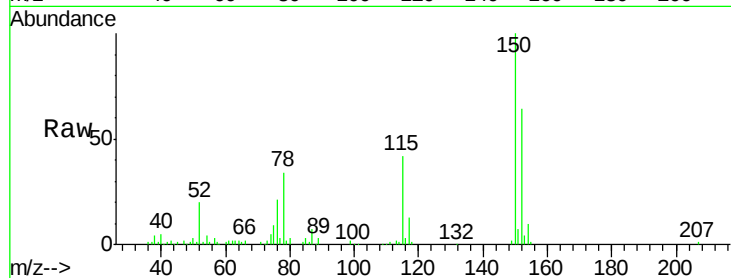


#1

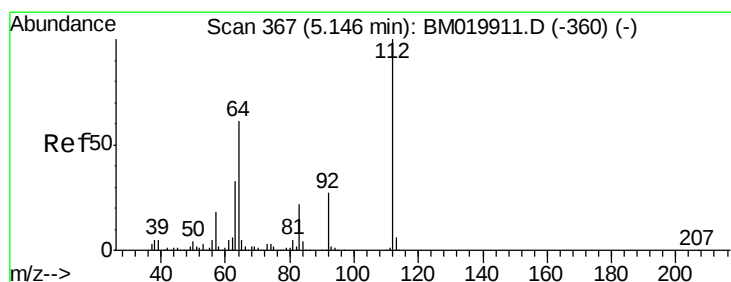
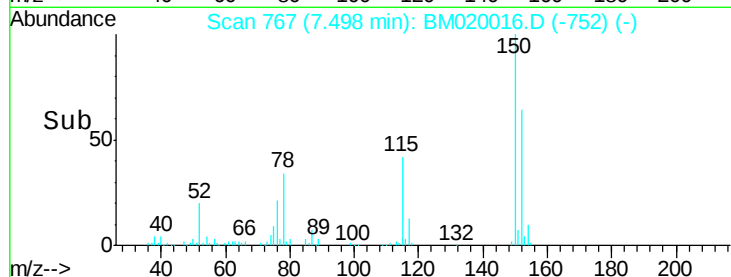
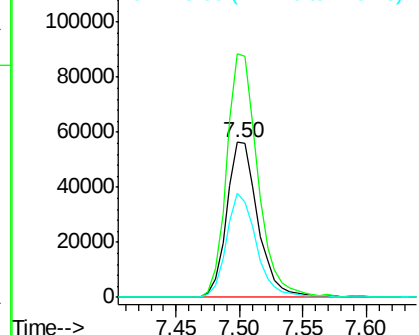
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 767
Delta R.T. -0.01 min
Lab File: BM020016.D
Acq: 22 Apr 2019 21:19

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 96336
Ion Ratio Lower Upper
152 100
150 157.1 122.1 183.1
115 66.8 50.0 75.0



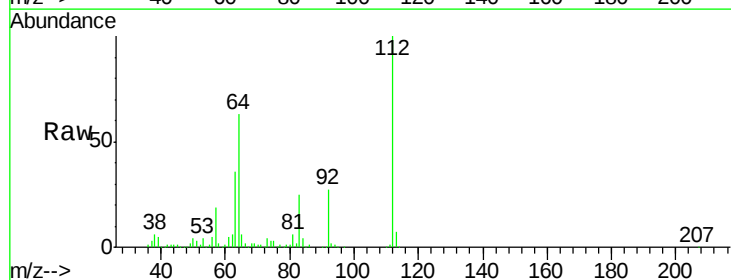
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



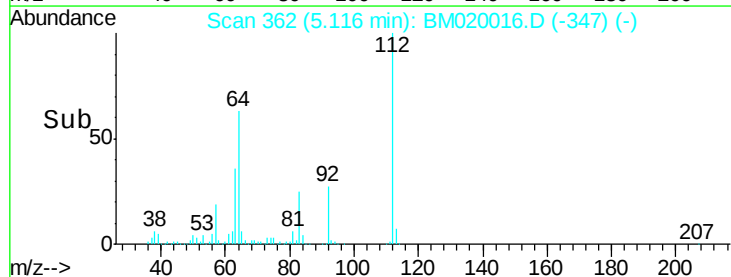
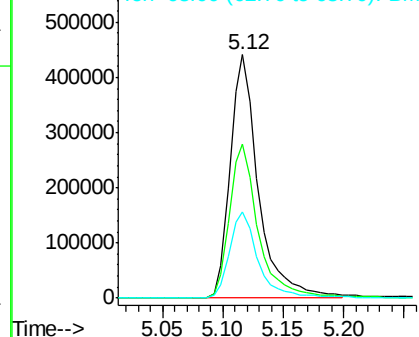
#5

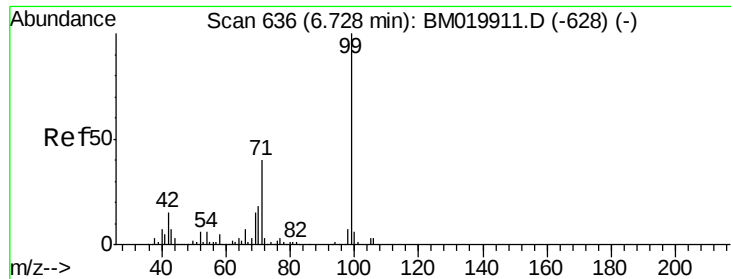
2-Fluorophenol
Concen: 120.962 ng
RT: 5.12 min Scan# 362
Delta R.T. -0.01 min
Lab File: BM020016.D
Acq: 22 Apr 2019 21:19

Tgt Ion:112 Resp: 719030
Ion Ratio Lower Upper
112 100
64 63.3 49.1 73.7
63 35.5 26.5 39.7



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: 86.617 ng

RT: 6.70 min Scan# 631

Delta R.T. -0.01 min

Lab File: BM020016.D

Acq: 22 Apr 2019 21:19

Instrument :

BNA_M

ClientSampled :

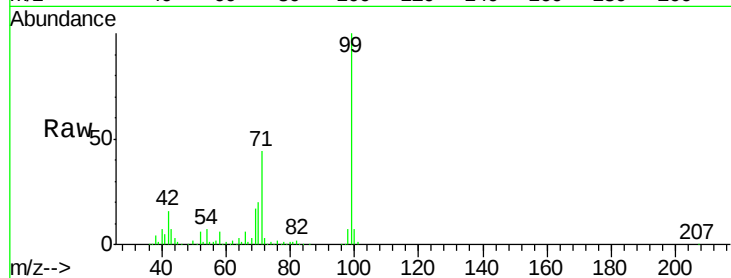
Tot Ion: 99 Resp: 774884

Ion Ratio Lower Upper

99 100

42 15.7 11.8 17.8

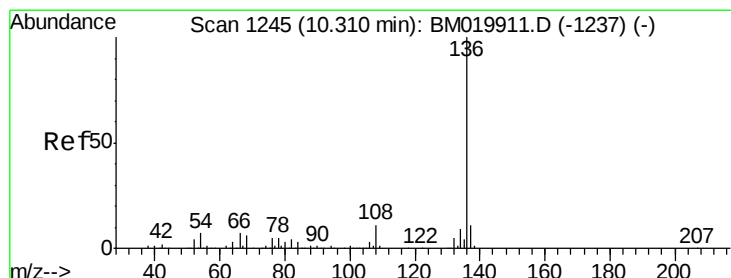
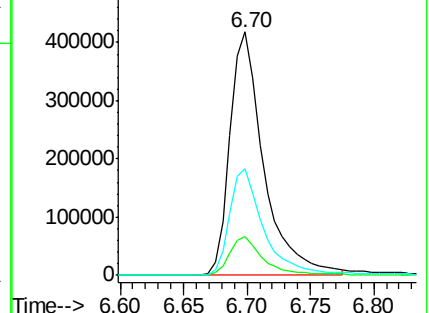
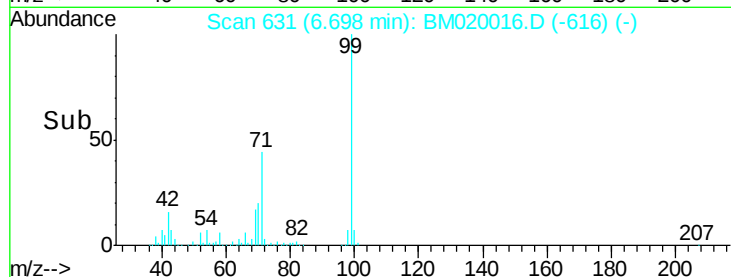
71 43.7 32.0 48.0



Abundance Ion 99.00 (98.70 to 99.70): BM019911.D (-628) (-)

Ion 42.00 (41.70 to 42.70): BM019911.D (-628) (-)

Ion 71.00 (70.70 to 71.70): BM019911.D (-628) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.29 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BM020016.D

Acq: 22 Apr 2019 21:19

Tgt Ion: 136 Resp: 319244

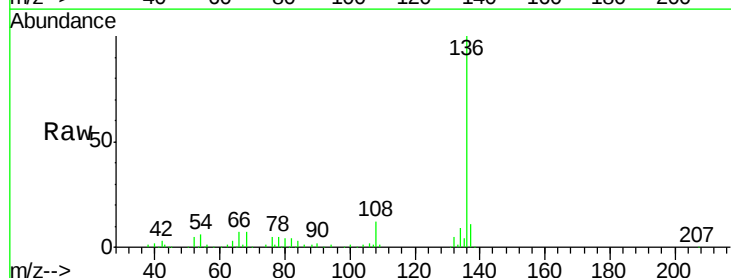
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 6.4 5.3 7.9

68 6.5 5.2 7.8

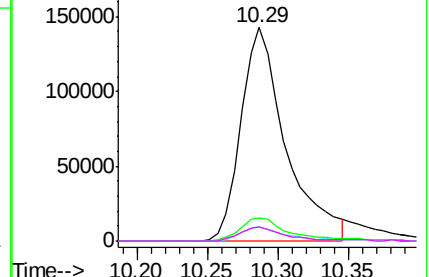
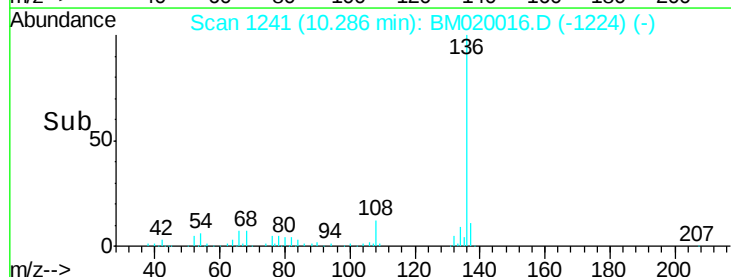


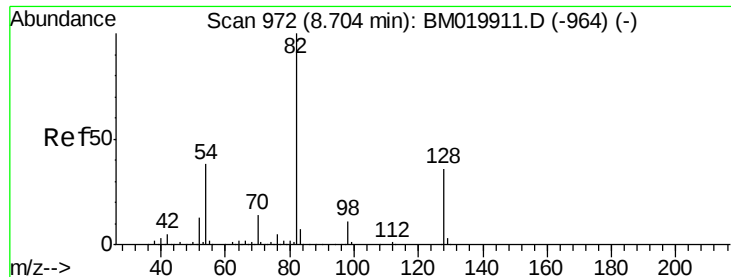
Abundance Ion 136.00 (135.70 to 136.70): BM019911.D (-1237) (-)

Ion 137.00 (136.70 to 137.70): BM019911.D (-1237) (-)

Ion 54.00 (53.70 to 54.70): BM019911.D (-1237) (-)

Ion 68.00 (67.70 to 68.70): BM019911.D (-1237) (-)

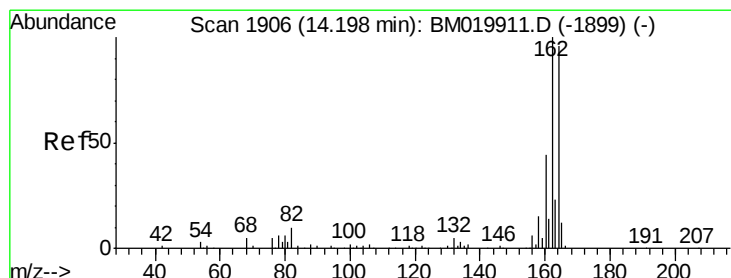
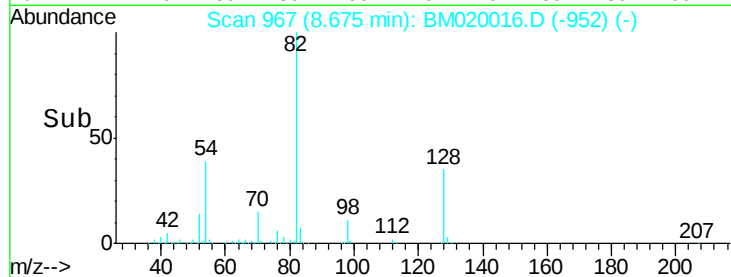
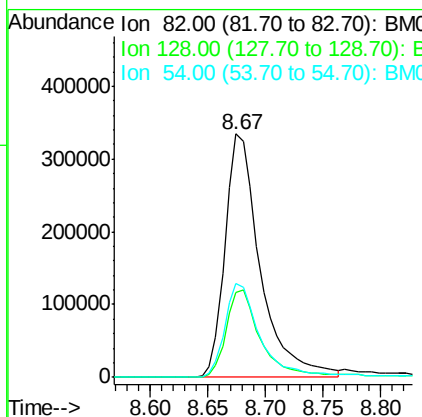
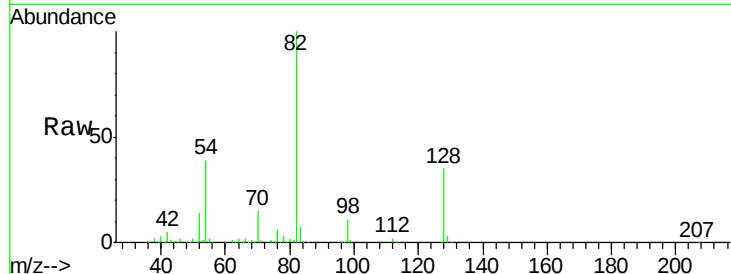




#23
 Nitrobenzene-d5
 Concen: 99.834 ng
 RT: 8.67 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BM020016.D
 Acq: 22 Apr 2019 21:19

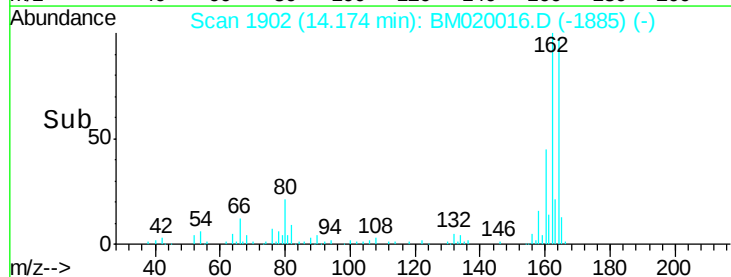
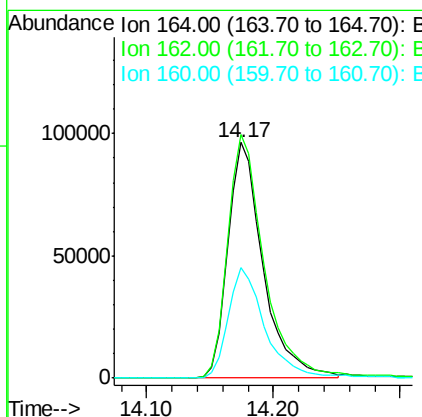
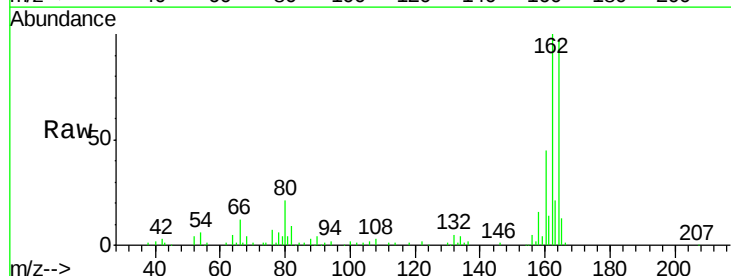
Instrument :
 BNA_M
 ClientSampleId :

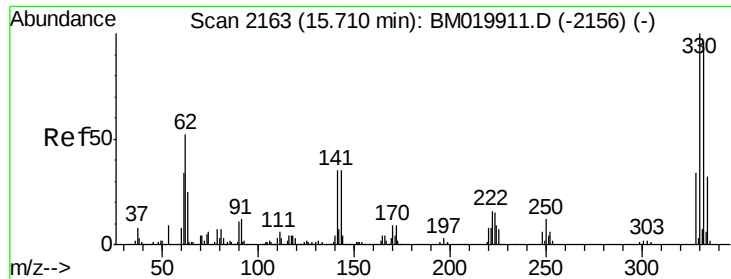
Tot Ion	82	Resp	712666
Ion Ratio	Lower	Upper	
82	100		
128	34.6	29.0	43.4
54	38.6	30.2	45.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.17 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: BM020016.D
 Acq: 22 Apr 2019 21:19

Tgt Ion	164	Resp	185151
Ion Ratio	Lower	Upper	
164	100		
162	103.4	83.0	124.4
160	46.7	36.6	55.0

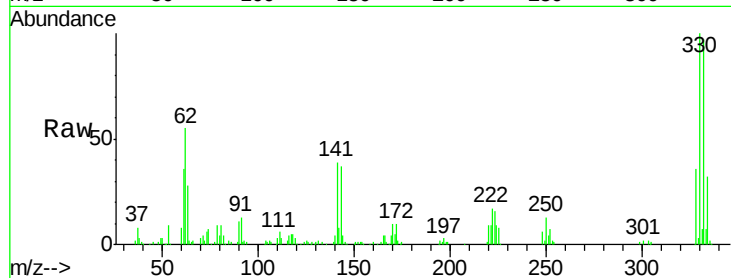




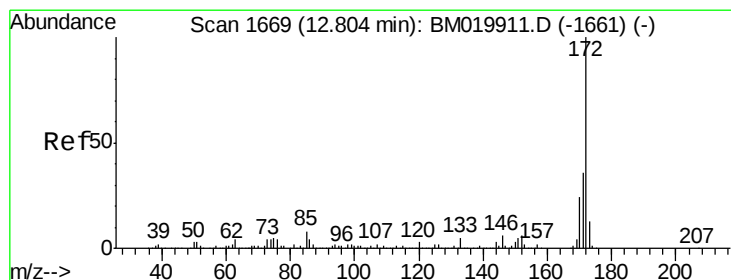
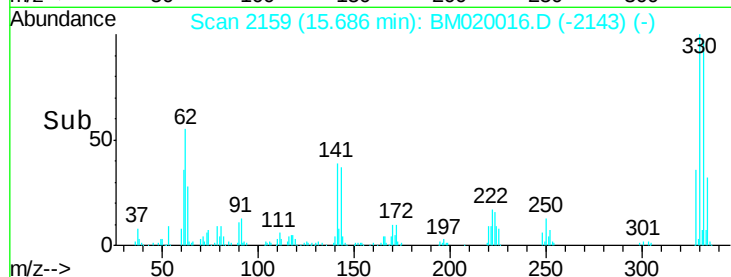
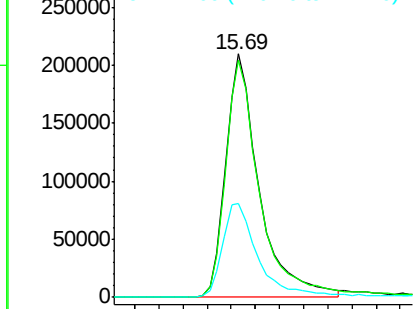
#42
 2,4,6-Tribromophenol
 Concen: 135.583 ng
 RT: 15.69 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BM020016.D
 Acq: 22 Apr 2019 21:19

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.4	116.2
141	40.5	29.0	43.4

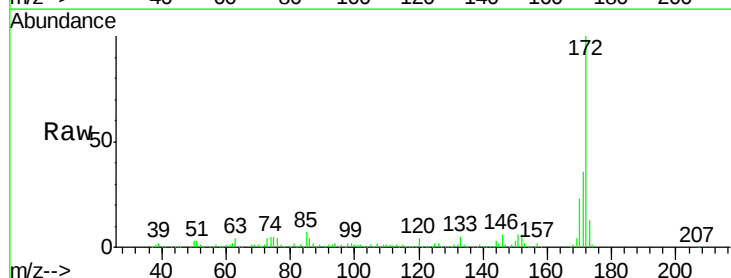


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

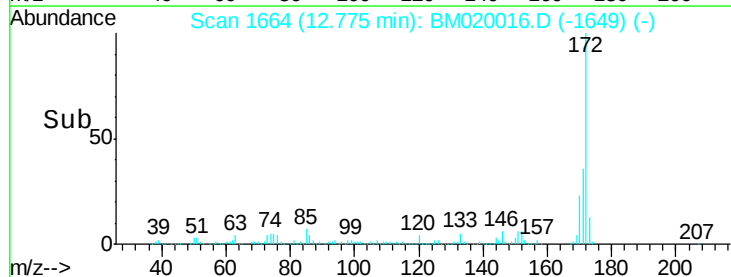
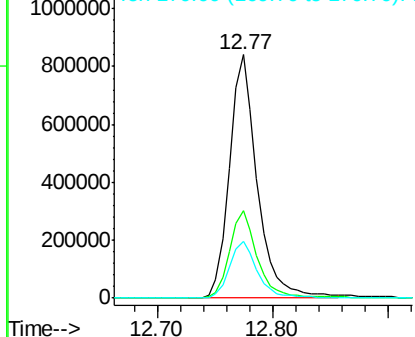


#45
 2-Fluorobiphenyl
 Concen: 94.407 ng
 RT: 12.77 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BM020016.D
 Acq: 22 Apr 2019 21:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.9	43.3
170	23.3	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

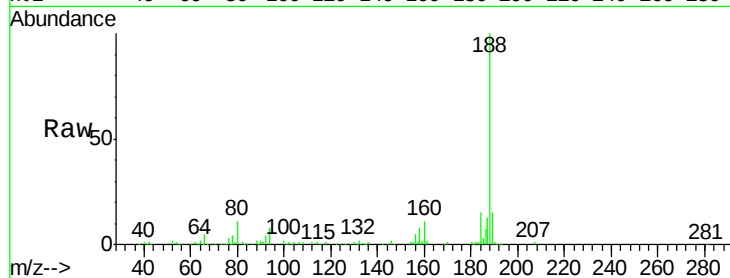




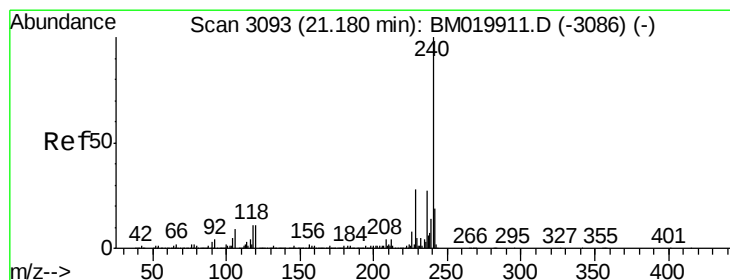
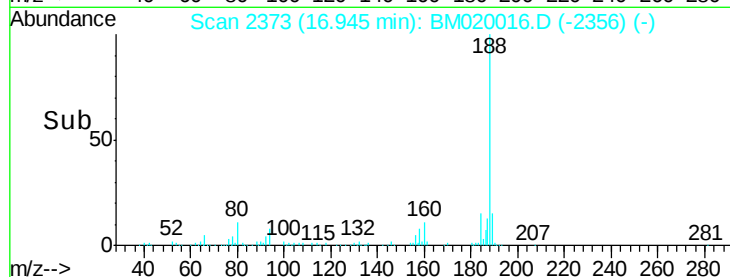
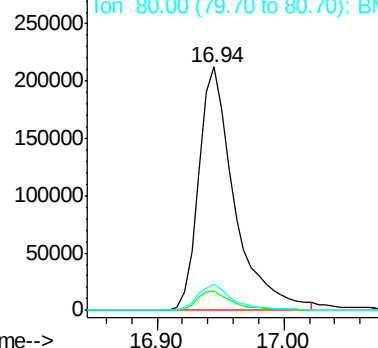
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BM020016.D
Acq: 22 Apr 2019 21:19

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 414066
Ion Ratio Lower Upper
188 100
94 8.1 7.6 11.4
80 10.7 9.4 14.0

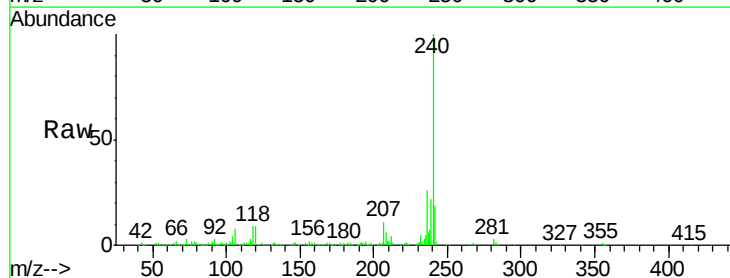


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

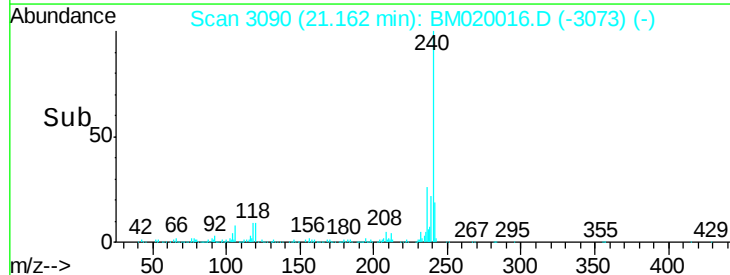
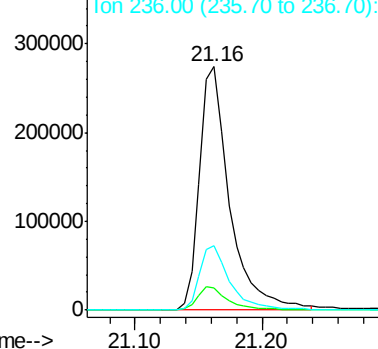


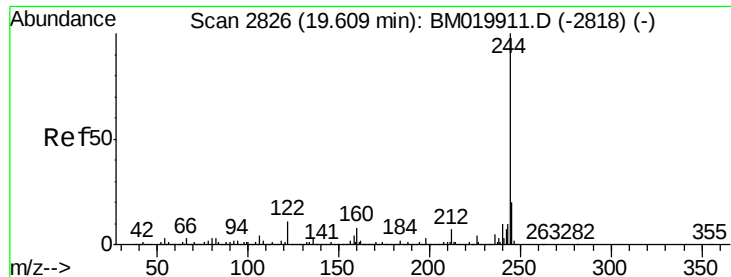
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.00 min
Lab File: BM020016.D
Acq: 22 Apr 2019 21:19

Tgt Ion:240 Resp: 452900
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

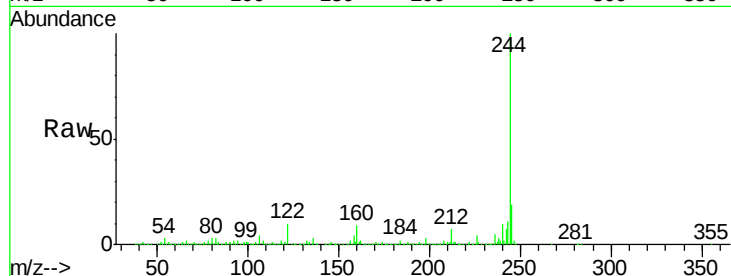




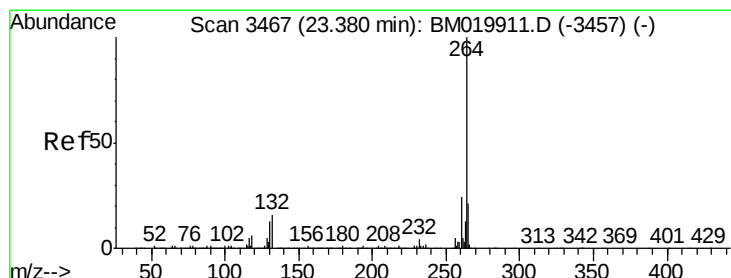
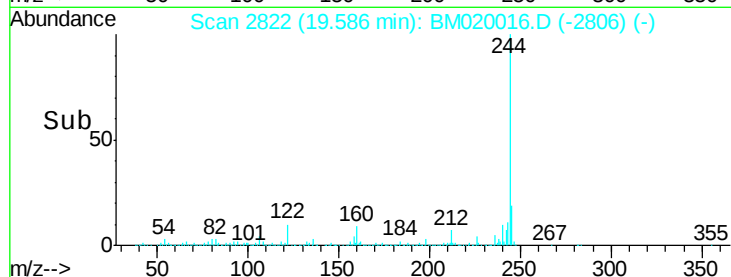
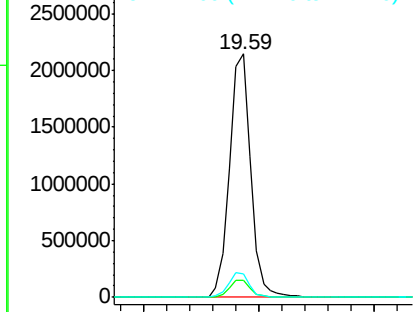
#79
 Terphenyl-d14
 Concen: 106.583 ng
 RT: 19.59 min Scan# 2822
 Delta R.T. -0.01 min
 Lab File: BM020016.D
 Acq: 22 Apr 2019 21:19

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:244 Resp: 2736752
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 9.6 9.1 13.7

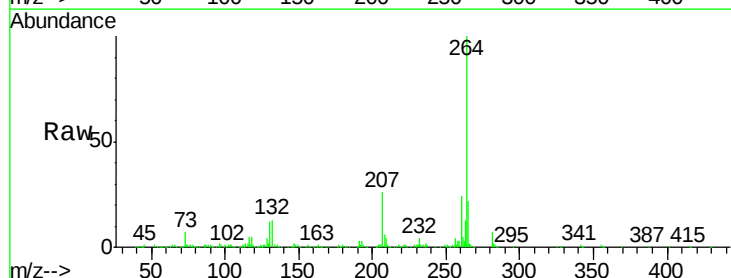


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.35 min Scan# 3462
 Delta R.T. -0.00 min
 Lab File: BM020016.D
 Acq: 22 Apr 2019 21:19

Tgt Ion:264 Resp: 574479
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.5 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

