

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
 Data File : BM020058.D
 Acq On : 24 Apr 2019 05:28
 Operator : JU/SJ
 Sample : PB118783BL
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 24 08:04:56 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

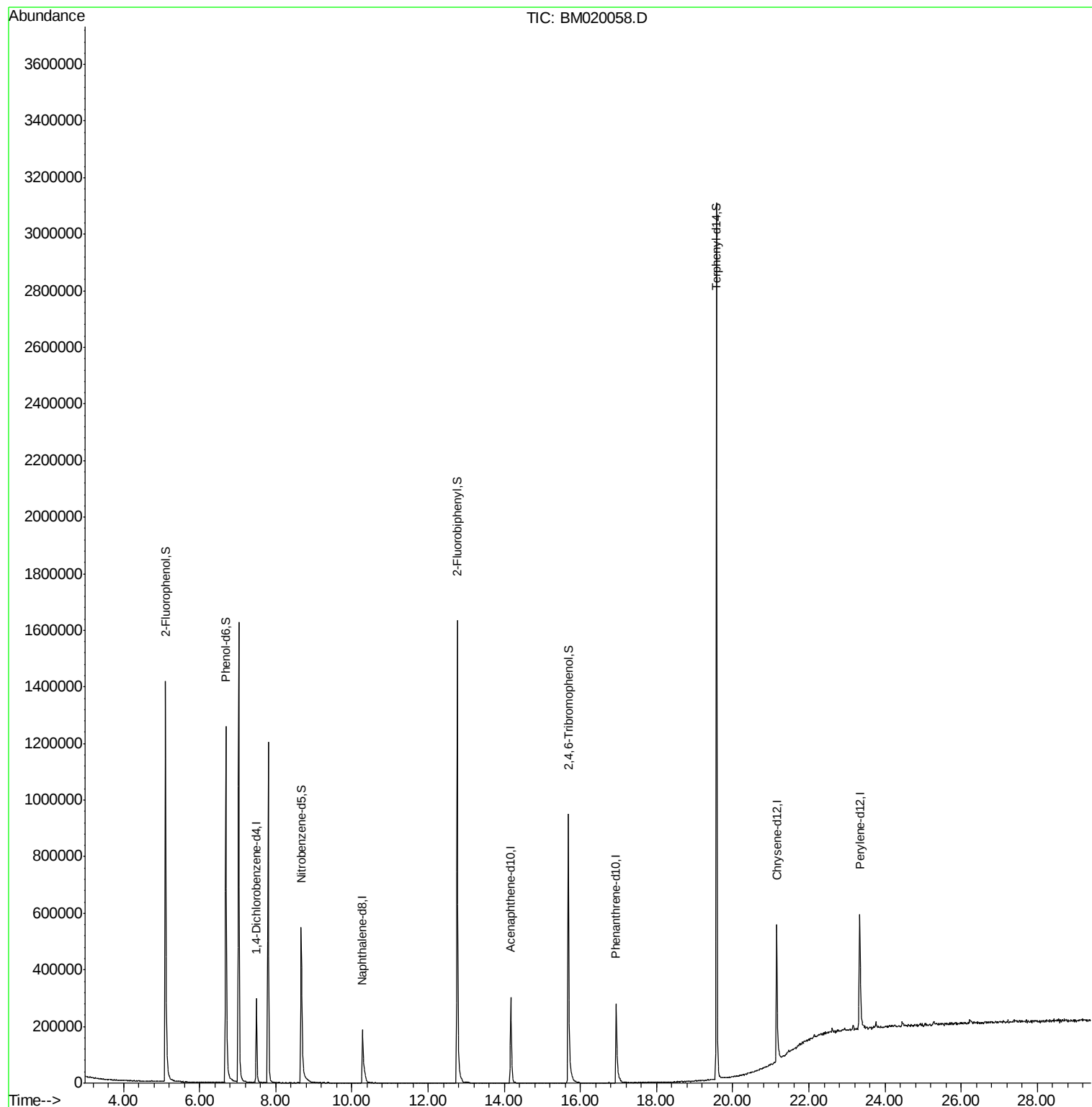
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	77746	20.00	ng	-0.02
21) Naphthalene-d8	10.28	136	224928	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	131173	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	260735	20.00	ng	0.00
76) Chrysene-d12	21.16	240	313187	20.00	ng	0.00
87) Perylene-d12	23.33	264	371424	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	624970	130.28	ng	-0.02
7) Phenol-d6	6.69	99	781789	108.29	ng	-0.02
23) Nitrobenzene-d5	8.67	82	478601	95.16	ng	-0.02
42) 2,4,6-Tribromophenol	15.68	330	231730	109.75	ng	-0.01
45) 2-Fluorobiphenyl	12.76	172	971692	92.32	ng	-0.02
79) Terphenyl-d14	19.57	244	1472614	82.94	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.68	77	1705	Below Cal	Qvalue #	7

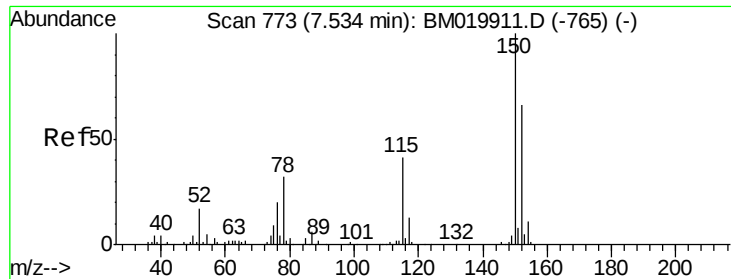
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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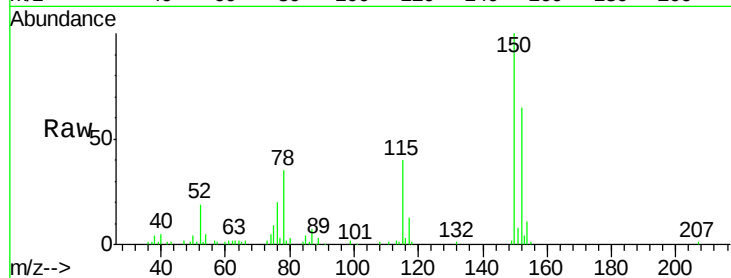


#1

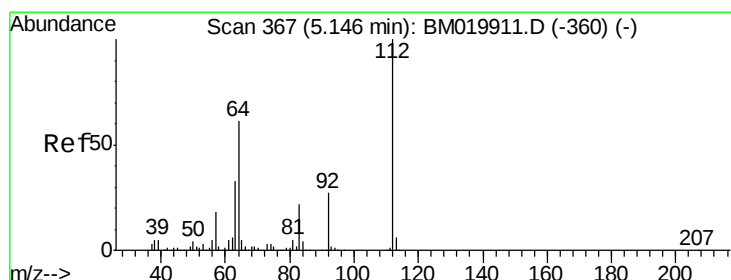
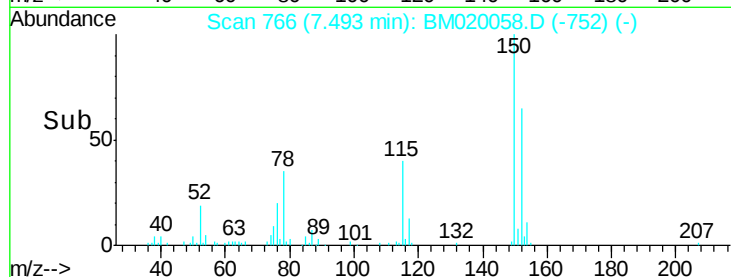
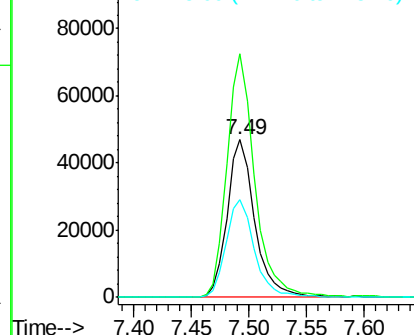
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 766
Delta R.T. -0.02 min
Lab File: BM020058.D
Acq: 24 Apr 2019 05:28

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 77746
Ion Ratio Lower Upper
152 100
150 154.7 122.1 183.1
115 61.9 50.0 75.0



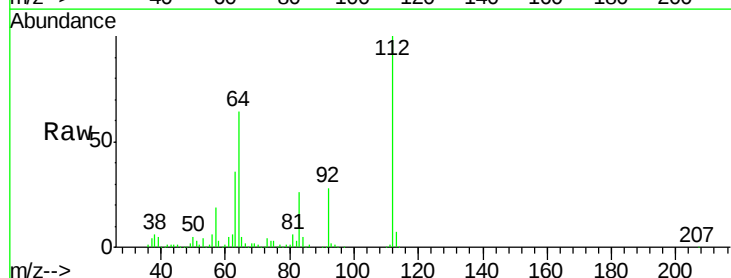
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



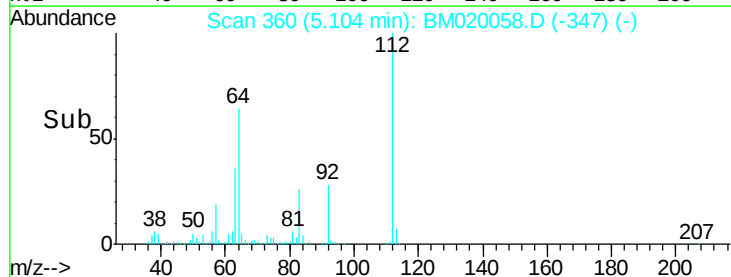
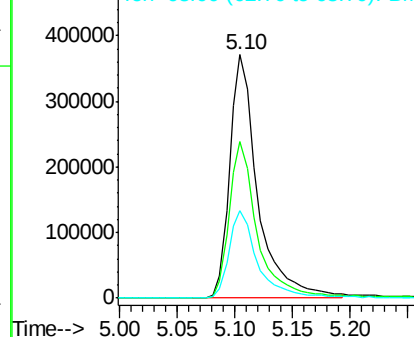
#5

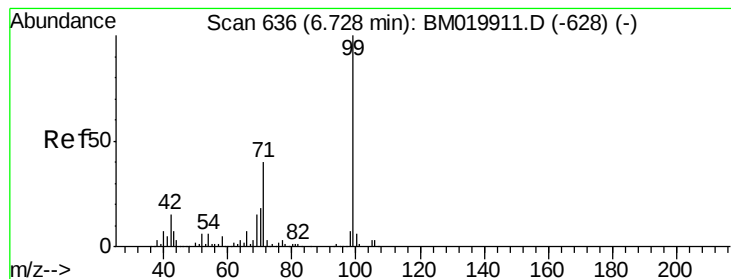
2-Fluorophenol
Concen: 130.278 ng
RT: 5.10 min Scan# 360
Delta R.T. -0.02 min
Lab File: BM020058.D
Acq: 24 Apr 2019 05:28

Tgt Ion:112 Resp: 624970
Ion Ratio Lower Upper
112 100
64 64.1 49.1 73.7
63 36.1 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: 108.285 ng

RT: 6.69 min Scan# 629

Delta R.T. -0.02 min

Lab File: BM020058.D

Acq: 24 Apr 2019 05:28

Instrument :

BNA_M

ClientSampled :

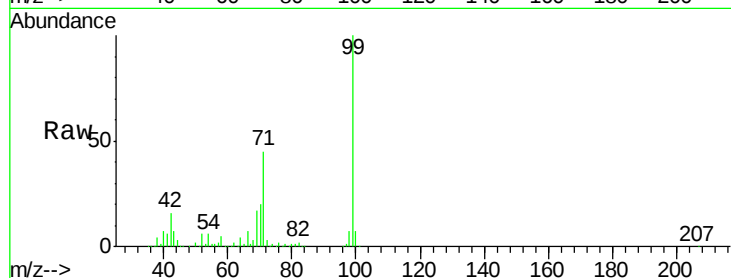
Tot Ion: 99 Resp: 781789

Ion Ratio Lower Upper

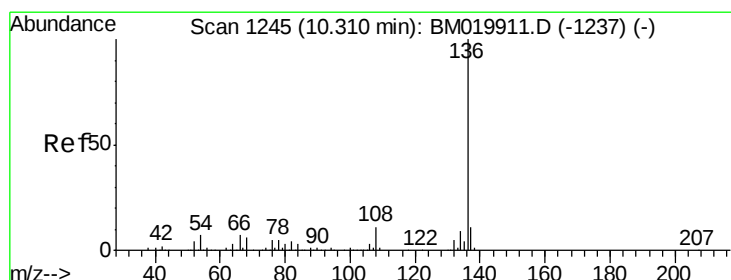
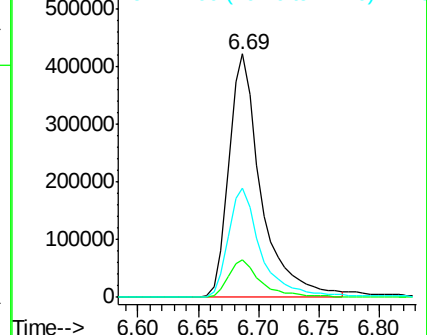
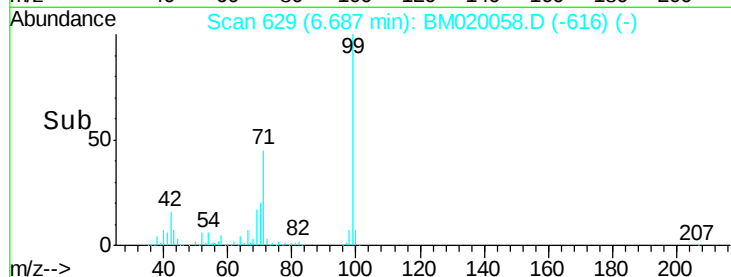
99 100

42 15.6 11.8 17.8

71 45.0 32.0 48.0



Abundance Ion 99.00 (98.70 to 99.70): BM020058.D (-616) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.28 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BM020058.D

Acq: 24 Apr 2019 05:28

Tgt Ion: 136 Resp: 224928

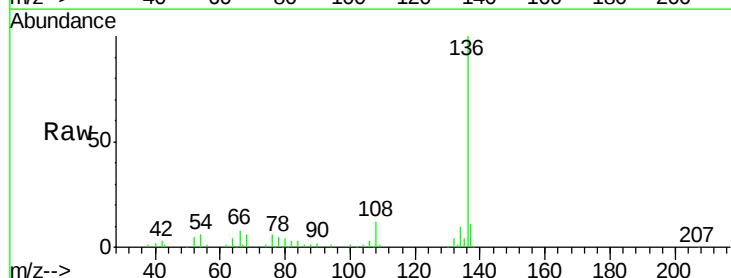
Ion Ratio Lower Upper

136 100

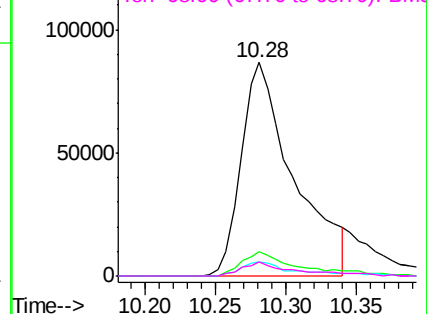
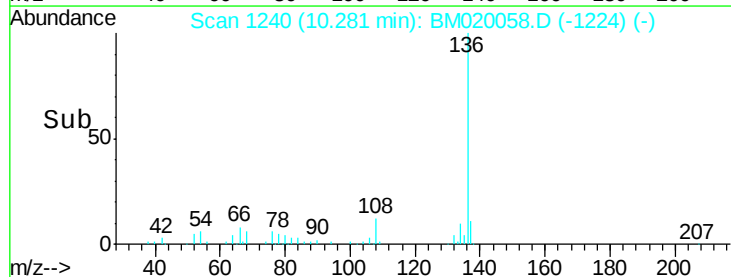
137 11.1 9.0 13.6

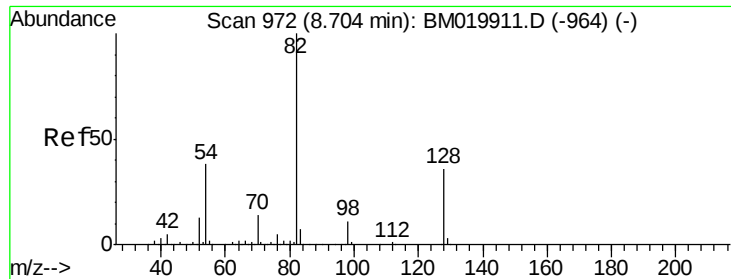
54 6.4 5.3 7.9

68 6.4 5.2 7.8



Abundance Ion 136.00 (135.70 to 136.70): BM020058.D (-1224) (-)

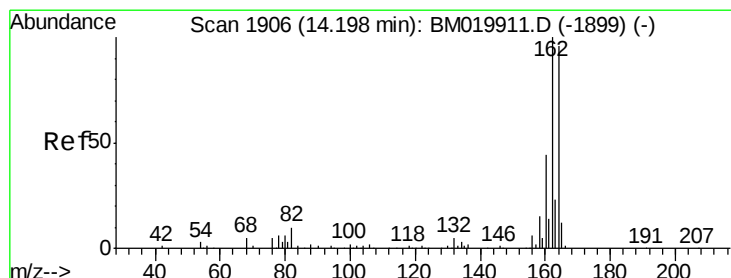
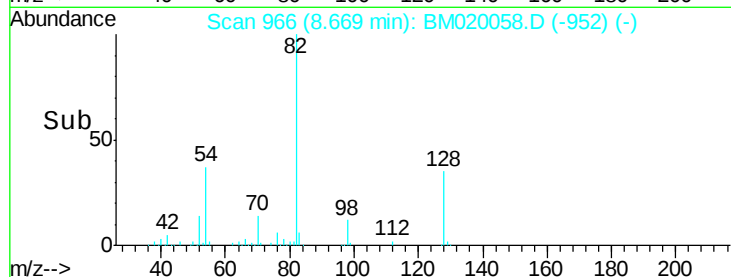
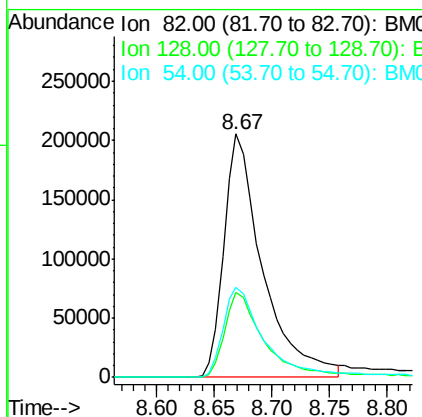
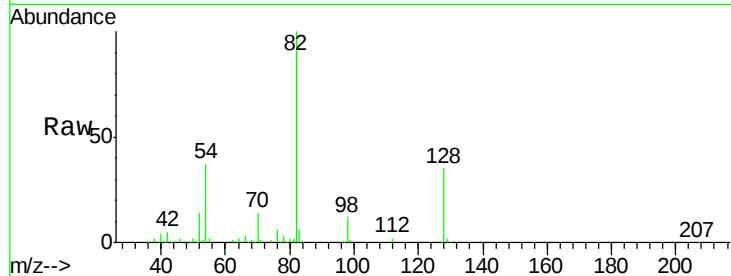




#23
 Nitrobenzene-d5
 Concen: 95.158 ng
 RT: 8.67 min Scan# 966
 Delta R.T. -0.02 min
 Lab File: BM020058.D
 Acq: 24 Apr 2019 05:28

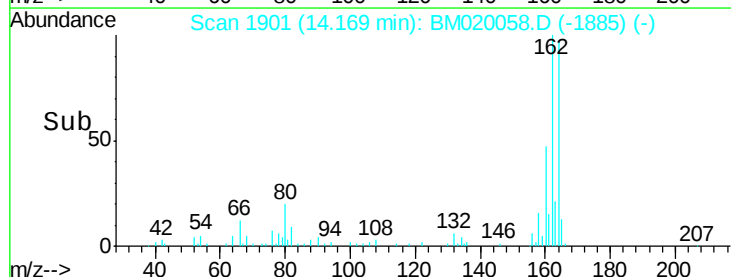
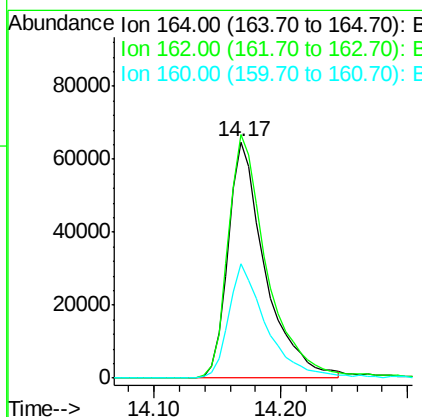
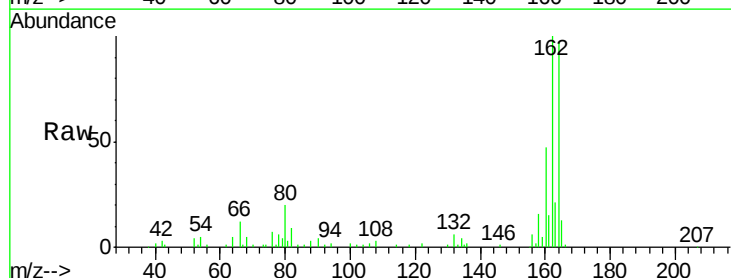
Instrument :
 BNA_M
 ClientSampled :

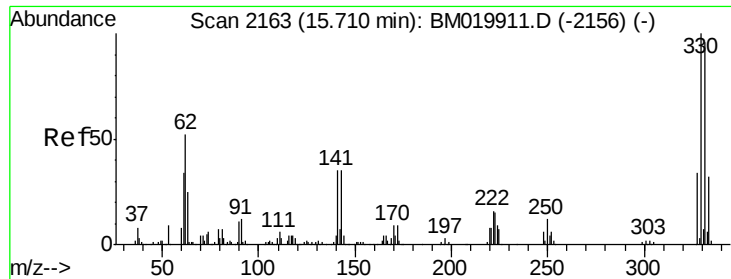
Tot Ion	82	Resp	478601
Ion Ratio	Lower	Upper	
82	100		
128	34.8	29.0	43.4
54	37.0	30.2	45.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.17 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: BM020058.D
 Acq: 24 Apr 2019 05:28

Tgt Ion	164	Resp	131173
Ion Ratio	Lower	Upper	
164	100		
162	103.2	83.0	124.4
160	48.5	36.6	55.0

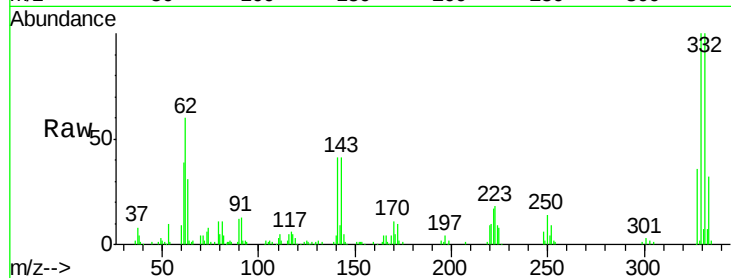




#42
 2,4,6-Tribromophenol
 Concen: 109.745 ng
 RT: 15.68 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BM020058.D
 Acq: 24 Apr 2019 05:28

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.4	116.2
141	41.6	29.0	43.4

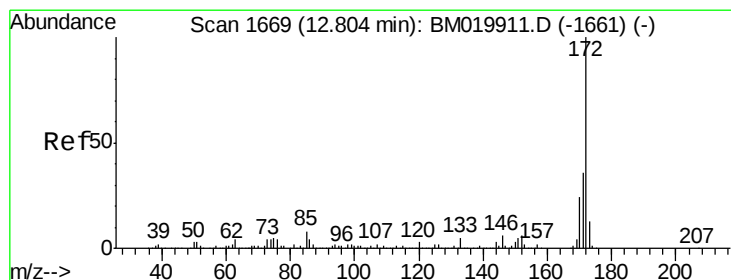
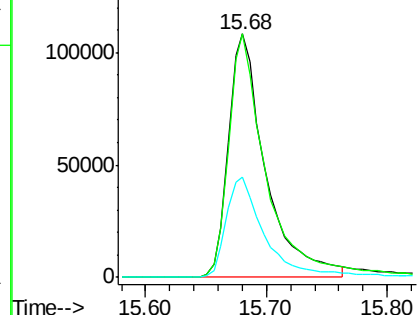
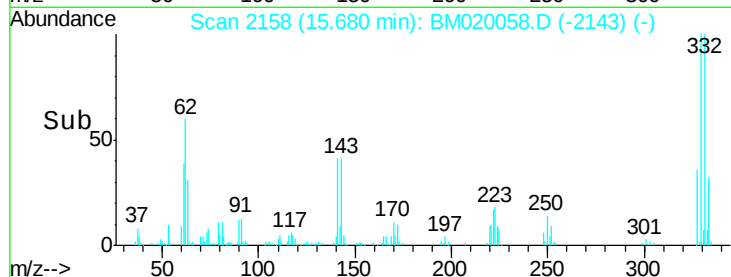


Abundance

Ion 329.80 (329.50 to 330.50): E

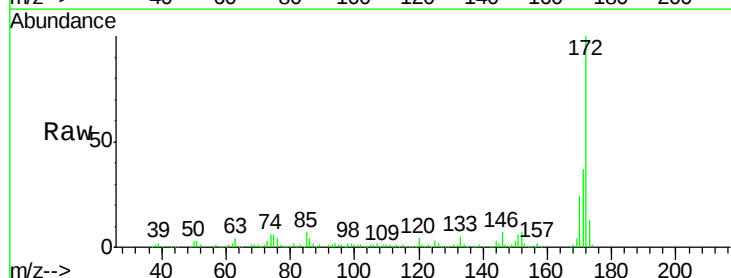
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 92.317 ng
 RT: 12.76 min Scan# 1662
 Delta R.T. -0.02 min
 Lab File: BM020058.D
 Acq: 24 Apr 2019 05:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	24.0	19.0	28.4

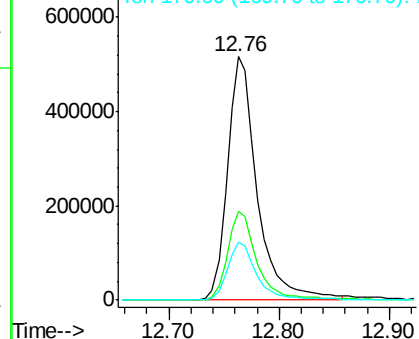
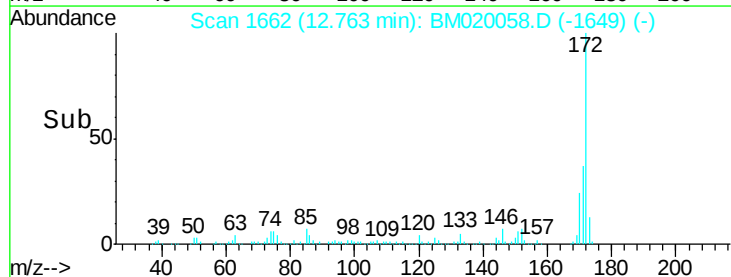


Abundance

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

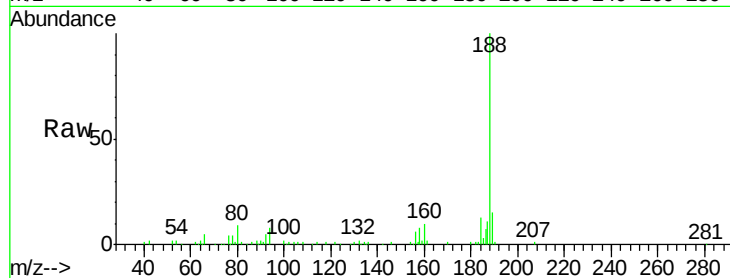




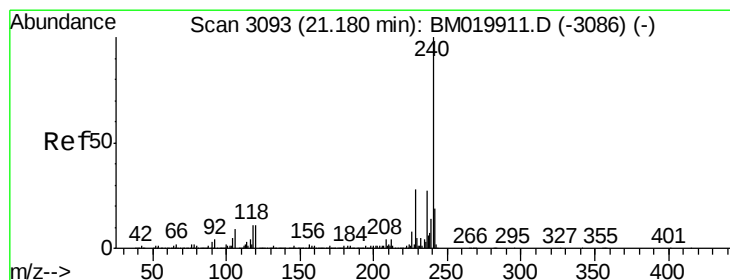
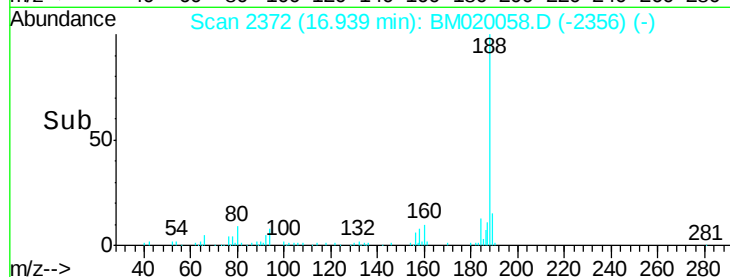
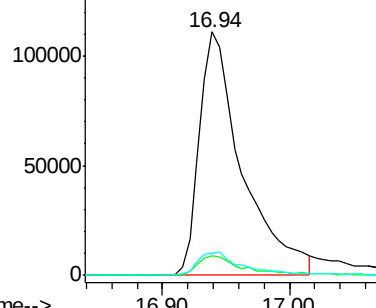
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BM020058.D
Acq: 24 Apr 2019 05:28

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 260735
Ion Ratio Lower Upper
188 100
94 7.9 7.6 11.4
80 9.1 9.4 14.0#

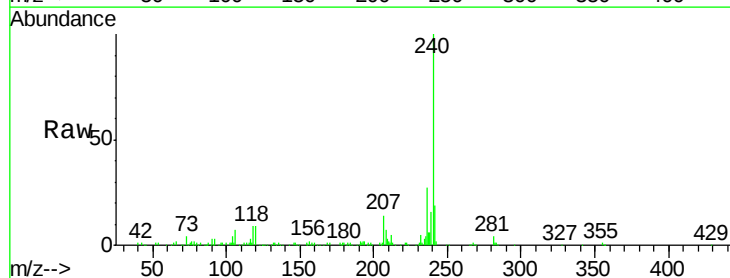


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

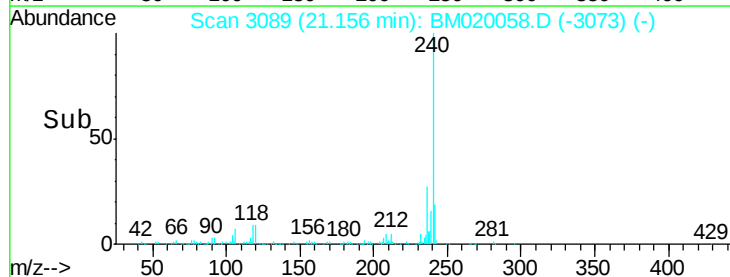
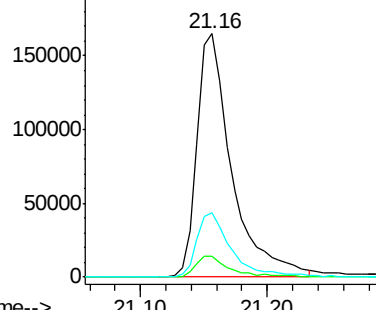


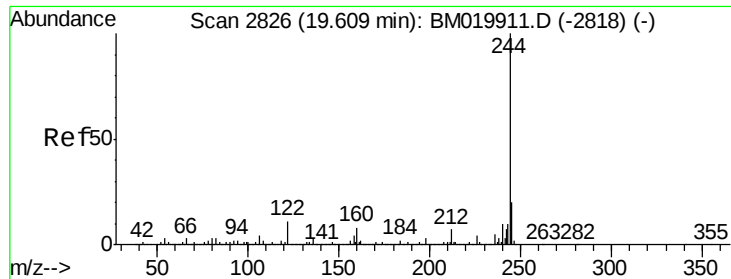
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM020058.D
Acq: 24 Apr 2019 05:28

Tgt Ion:240 Resp: 313187
Ion Ratio Lower Upper
240 100
120 8.8 8.6 13.0
236 26.6 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

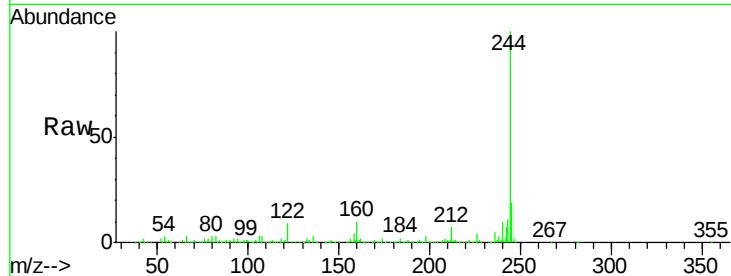




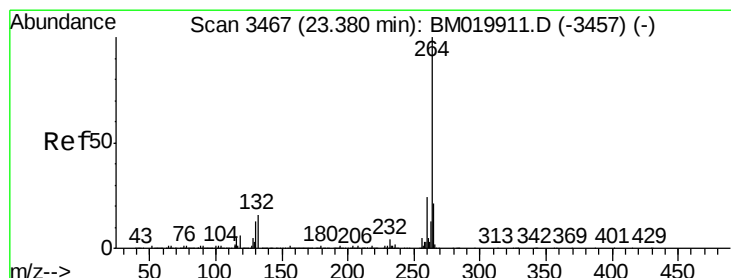
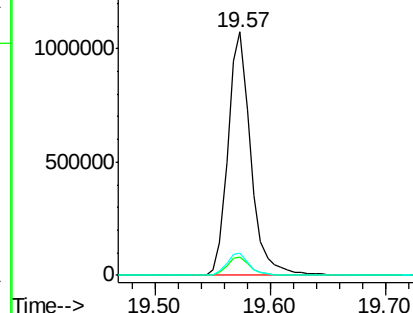
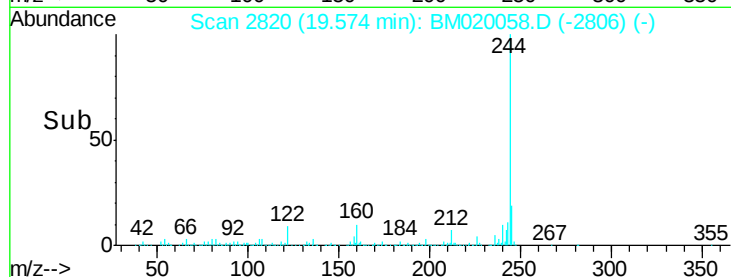
#79
 Terphenyl-d14
 Concen: 82.936 ng
 RT: 19.57 min Scan# 2820
 Delta R.T. -0.02 min
 Lab File: BM020058.D
 Acq: 24 Apr 2019 05:28

Instrument :
 BNA_M
 ClientSampleID :

Tot Ion:244 Resp: 1472614
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 9.4 9.1 13.7

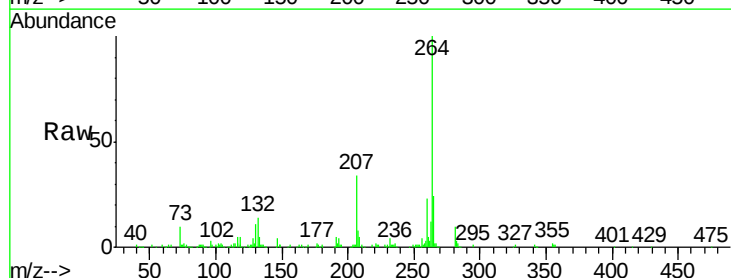


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.33 min Scan# 3459
 Delta R.T. -0.02 min
 Lab File: BM020058.D
 Acq: 24 Apr 2019 05:28

Tgt Ion:264 Resp: 371424
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 23.5 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

