

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
 Data File : BM019966.D
 Acq On : 18 Apr 2019 22:45
 Operator : JU/SJ
 Sample : K2461-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 19 00:43:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 15 16:16:29 2019
 Response via : Initial Calibration

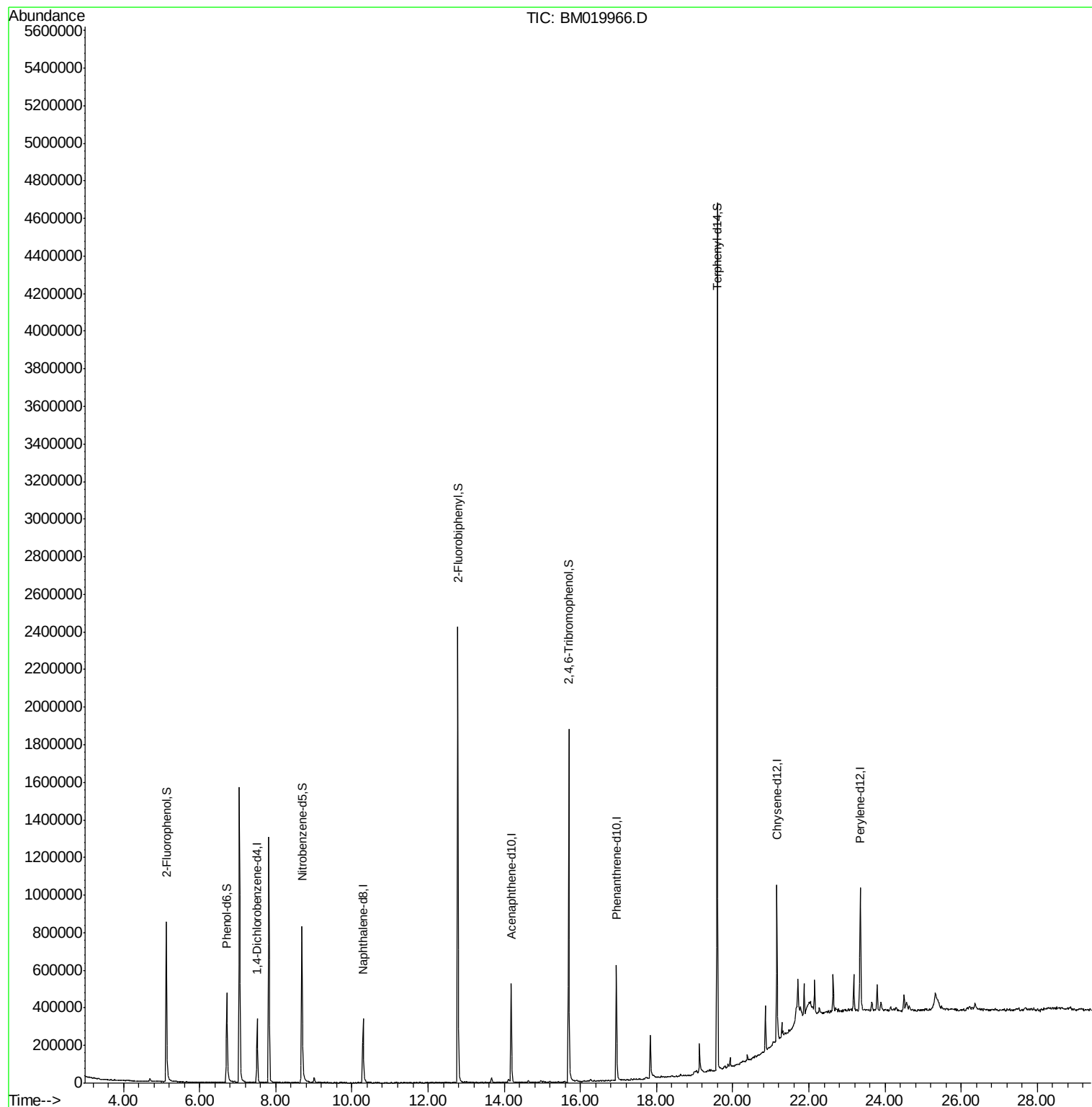
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	84244	20.00	ng	-0.02
21) Naphthalene-d8	10.29	136	306940	20.00	ng	-0.02
39) Acenaphthene-d10	14.18	164	171981	20.00	ng	-0.02
64) Phenanthrene-d10	16.94	188	368816	20.00	ng	-0.02
76) Chrysene-d12	21.16	240	360105	20.00	ng	-0.02
87) Perylene-d12	23.35	264	461783	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	382118	73.51	ng	-0.02
7) Phenol-d6	6.71	99	321526	41.10	ng	-0.02
23) Nitrobenzene-d5	8.69	82	610759	88.99	ng	-0.02
42) 2,4,6-Tribromophenol	15.69	330	362728	131.02	ng	-0.02
45) 2-Fluorobiphenyl	12.78	172	1244258	90.16	ng	-0.02
79) Terphenyl-d14	19.59	244	1881833	92.17	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.65	77	108	Below Cal	Qvalue #	7

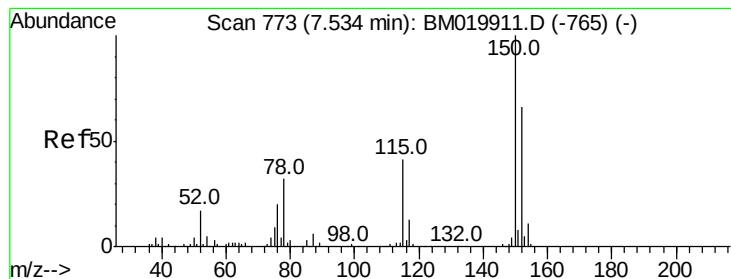
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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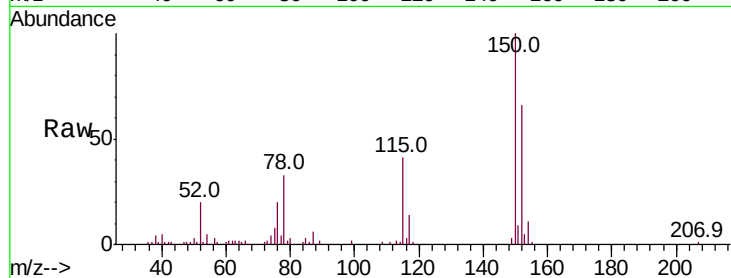


#1

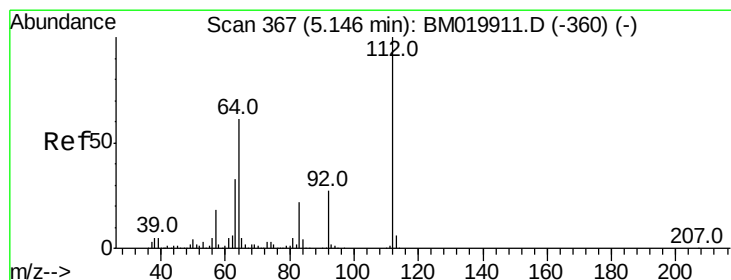
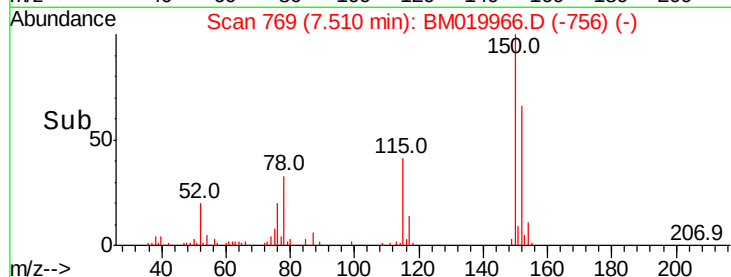
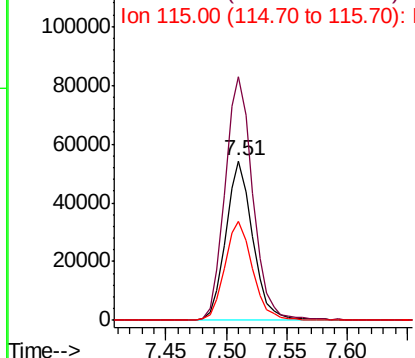
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.51 min Scan# 769
Delta R.T. -0.02 min
Lab File: BM019966.D
Acq: 18 Apr 2019 22:45

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 84244
Ion Ratio Lower Upper
152 100
150 152.5 122.1 183.1
115 62.3 50.0 75.0



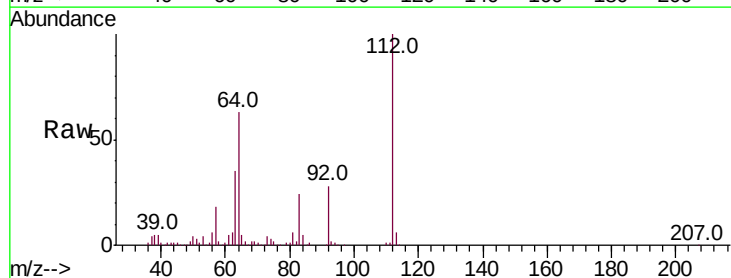
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



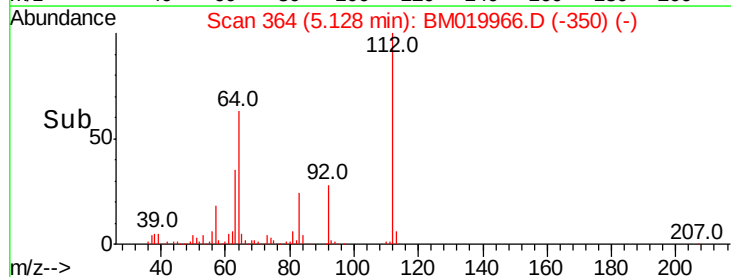
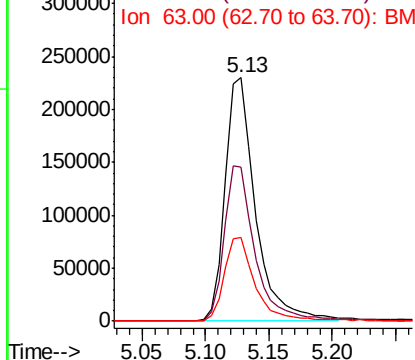
#5

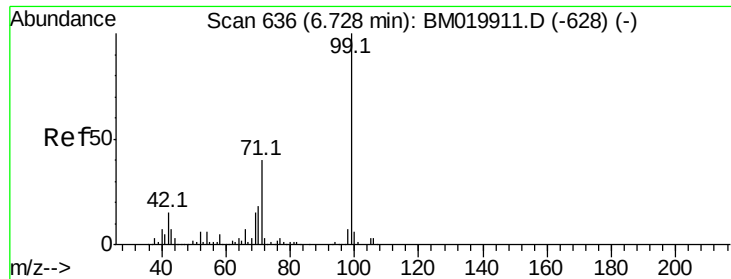
2-Fluorophenol
Concen: 73.510 ng
RT: 5.13 min Scan# 364
Delta R.T. -0.02 min
Lab File: BM019966.D
Acq: 18 Apr 2019 22:45

Tgt Ion:112 Resp: 382118
Ion Ratio Lower Upper
112 100
64 63.0 49.1 73.7
63 34.6 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: 41.099 ng

RT: 6.71 min Scan# 633

Delta R.T. -0.02 min

Lab File: BM019966.D

Acq: 18 Apr 2019 22:45

Instrument :

BNA_M

ClientSampleId :

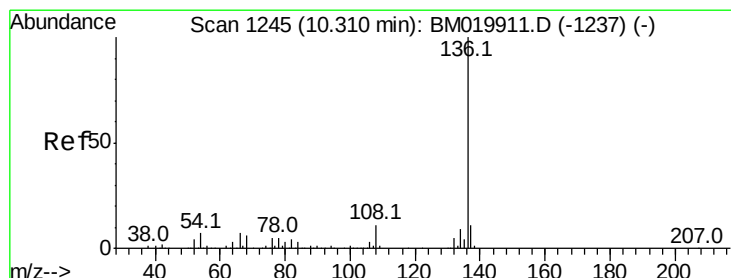
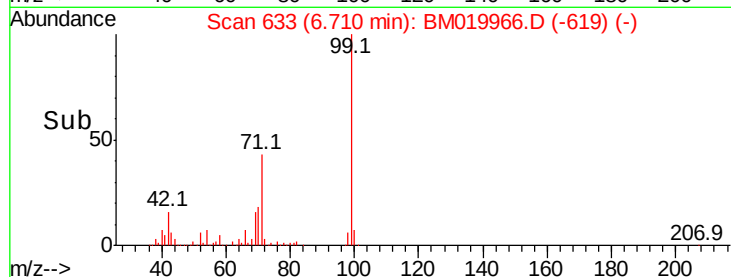
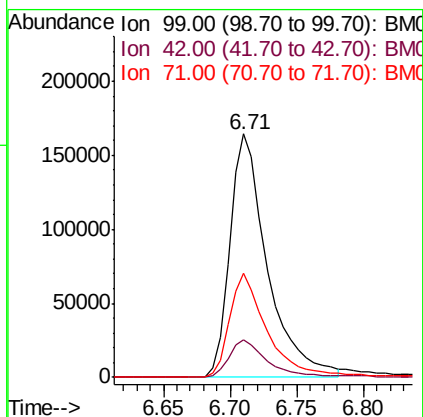
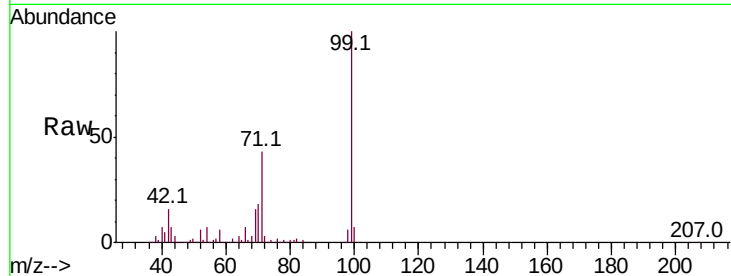
Tot Ion: 99 Resp: 321526

Ion Ratio Lower Upper

99 100

42 15.7 11.8 17.8

71 43.0 32.0 48.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.29 min Scan# 1242

Delta R.T. -0.02 min

Lab File: BM019966.D

Acq: 18 Apr 2019 22:45

Tgt Ion: 136 Resp: 306940

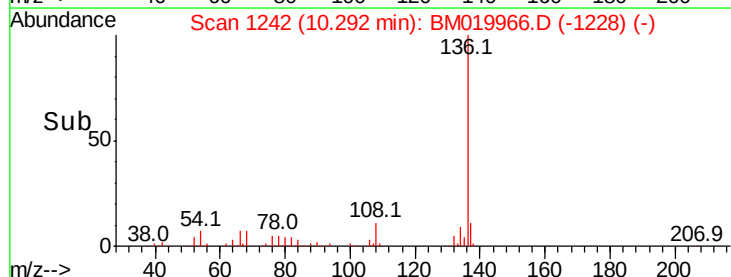
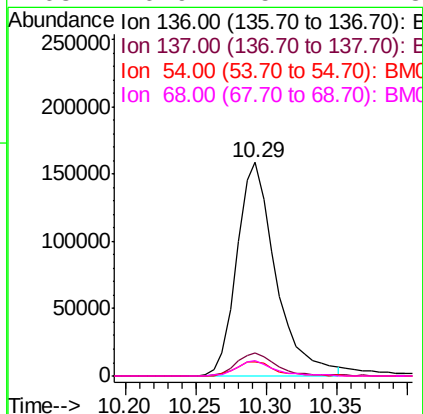
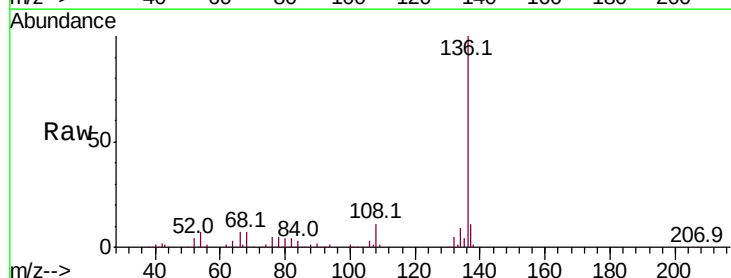
Ion Ratio Lower Upper

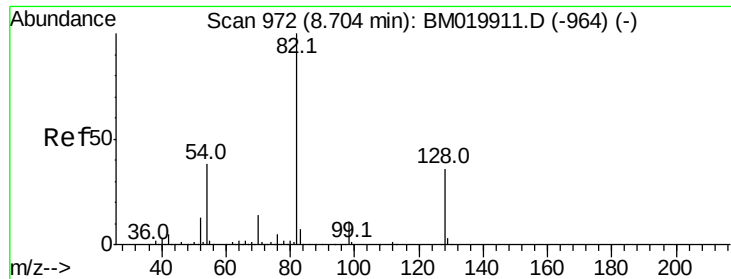
136 100

137 11.0 9.0 13.6

54 6.8 5.3 7.9

68 6.9 5.2 7.8

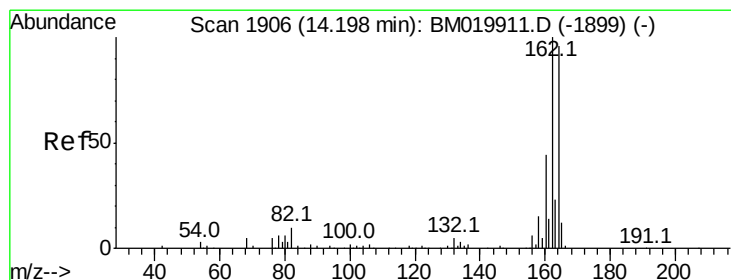
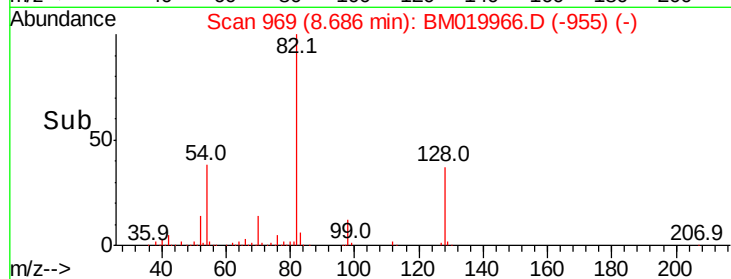
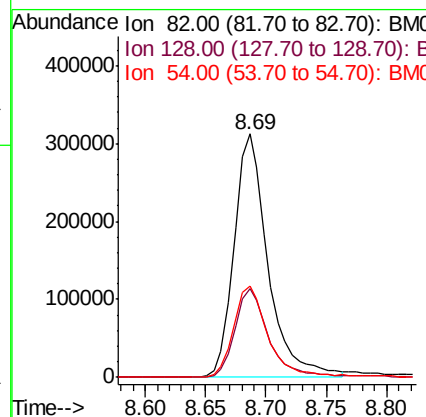
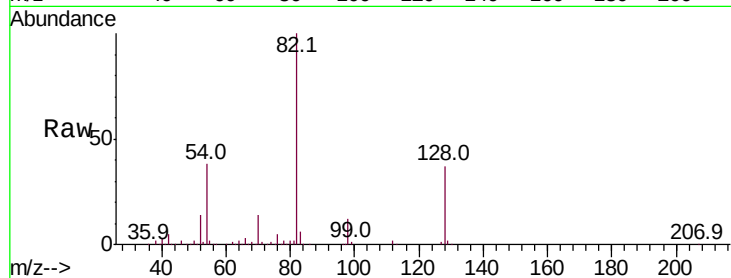




#23
 Nitrobenzene-d5
 Concen: 88.988 ng
 RT: 8.69 min Scan# 969
 Delta R.T. -0.02 min
 Lab File: BM019966.D
 Acq: 18 Apr 2019 22:45

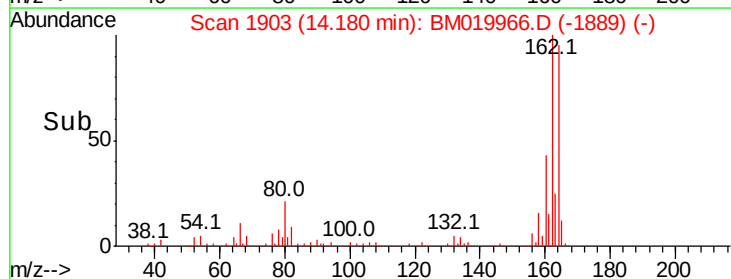
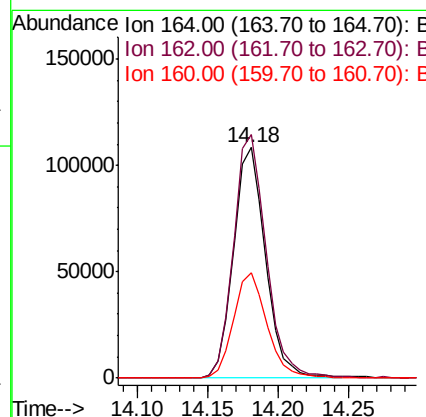
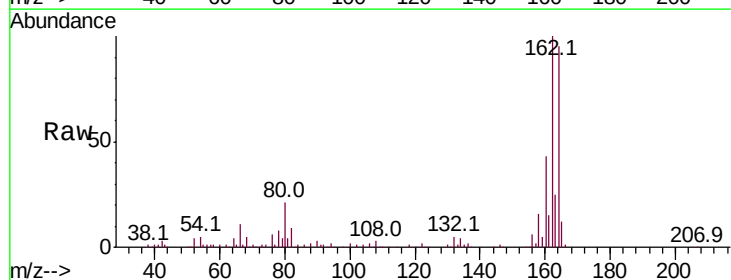
Instrument :
 BNA_M
 ClientSampleId :

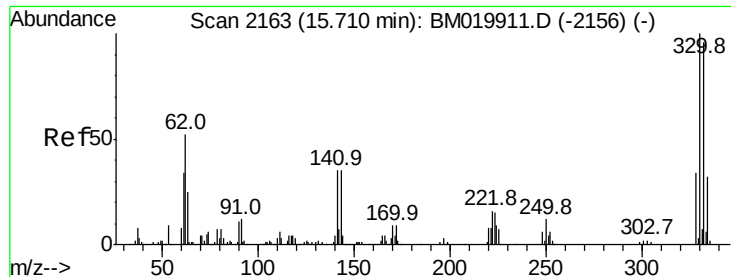
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.6	29.0	43.4
54	37.6	30.2	45.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.18 min Scan# 1903
 Delta R.T. -0.02 min
 Lab File: BM019966.D
 Acq: 18 Apr 2019 22:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.7	83.0	124.4
160	45.6	36.6	55.0

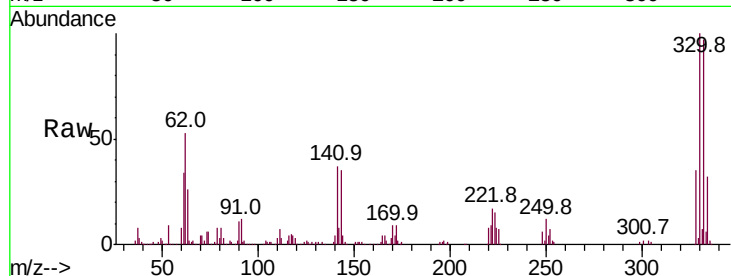




#42
 2,4,6-Tribromophenol
 Concen: 131.024 ng
 RT: 15.69 min Scan# 2160
 Delta R.T. -0.02 min
 Lab File: BM019966.D
 Acq: 18 Apr 2019 22:45

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.2
141	38.1	29.0	43.4

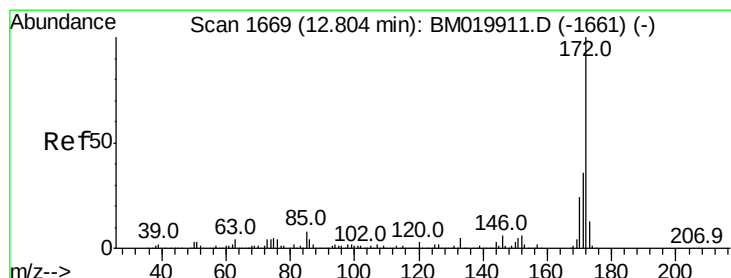
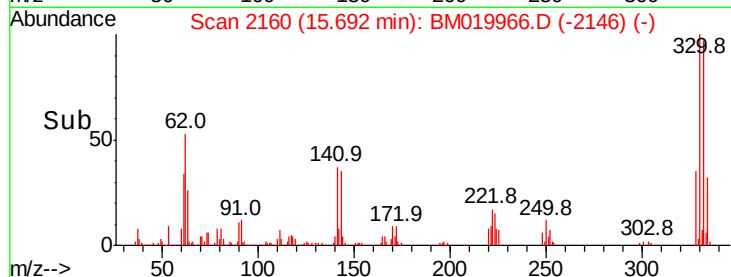
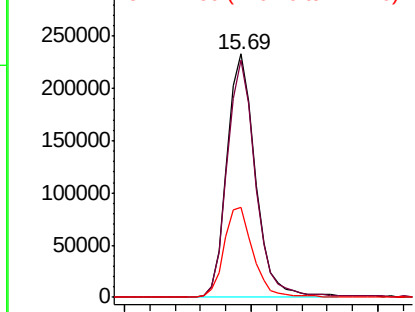


Abundance

Ion 329.80 (329.50 to 330.50): E

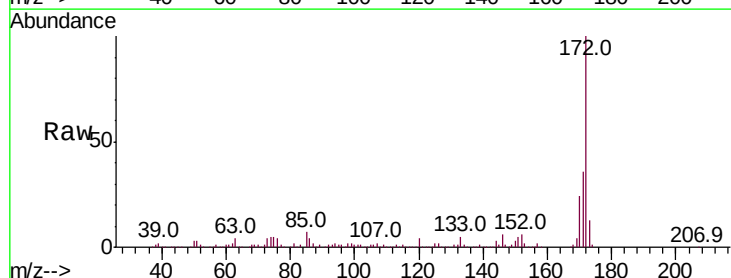
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 90.163 ng
 RT: 12.78 min Scan# 1665
 Delta R.T. -0.02 min
 Lab File: BM019966.D
 Acq: 18 Apr 2019 22:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	23.5	19.0	28.4

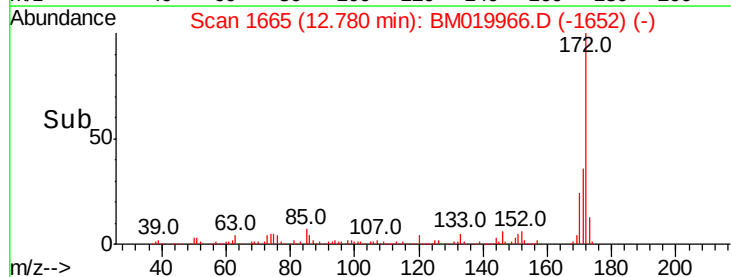
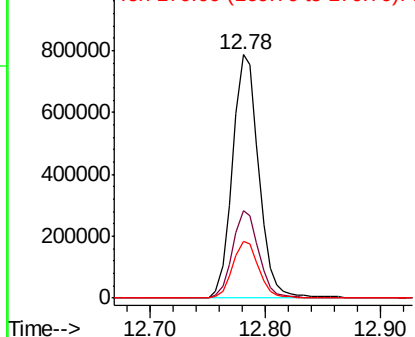


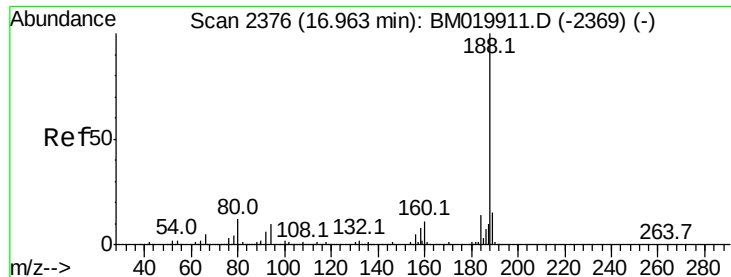
Abundance

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# 2373

Delta R.T. -0.02 min

Lab File: BM019966.D

Acq: 18 Apr 2019 22:45

Instrument :

BNA_M

ClientSampleId :

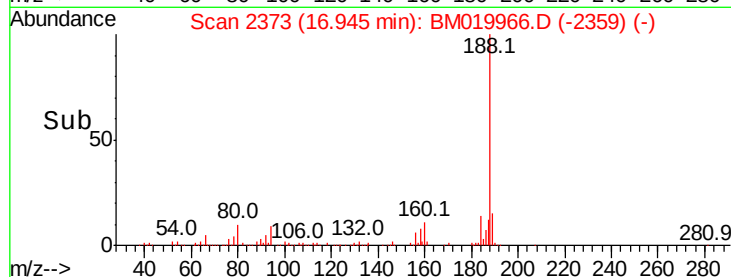
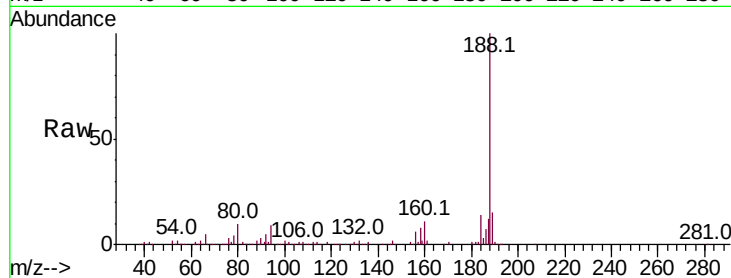
Tot Ion:188 Resp: 368816

Ion Ratio Lower Upper

188 100

94 8.7 7.6 11.4

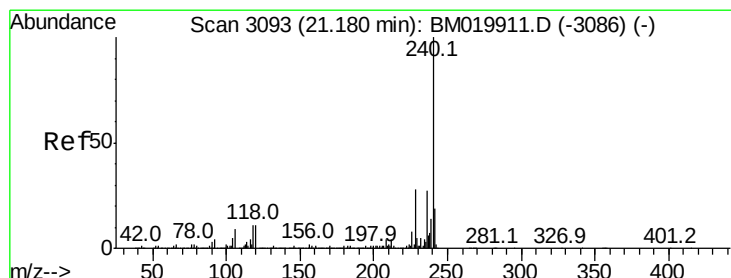
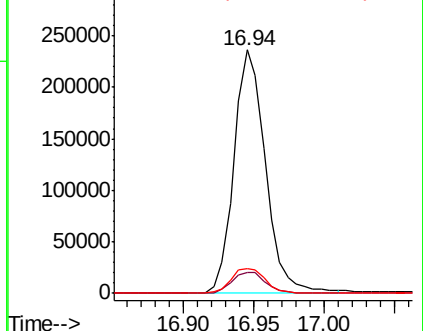
80 10.4 9.4 14.0



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. -0.02 min

Lab File: BM019966.D

Acq: 18 Apr 2019 22:45

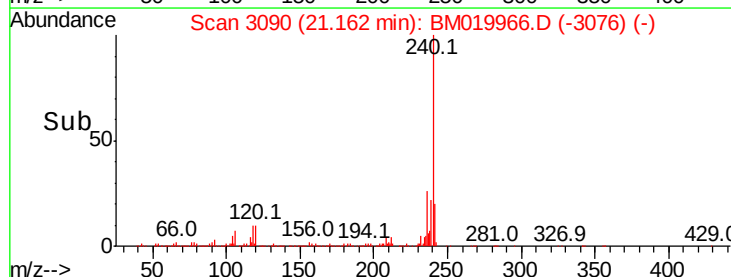
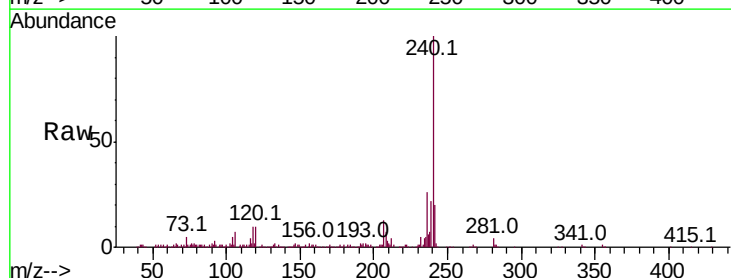
Tgt Ion:240 Resp: 360105

Ion Ratio Lower Upper

240 100

120 10.2 8.6 13.0

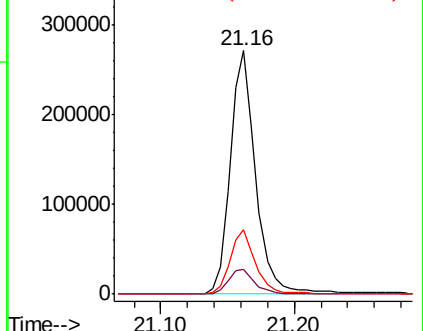
236 26.3 21.4 32.2

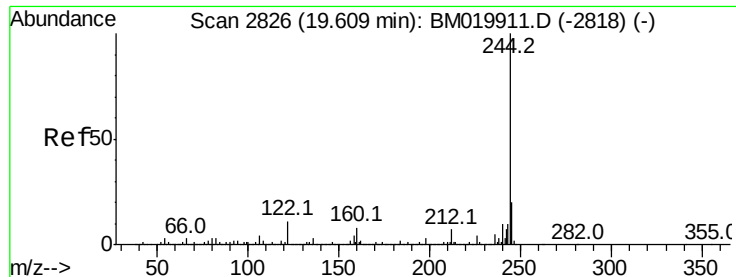


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

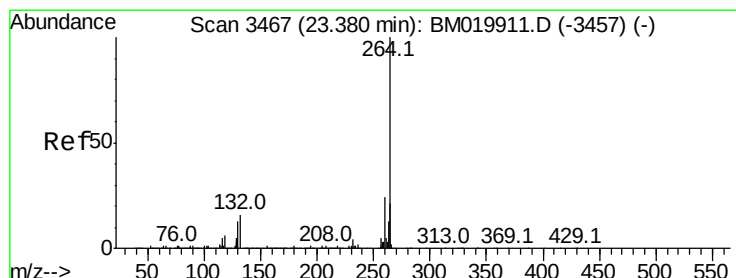
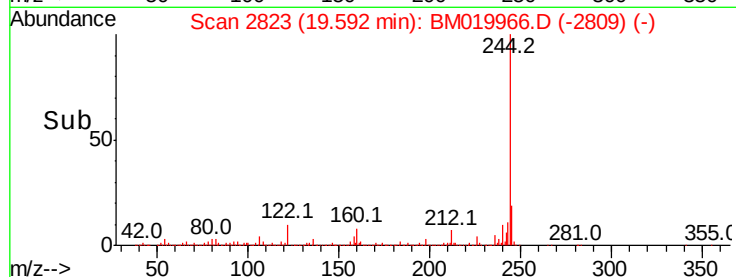
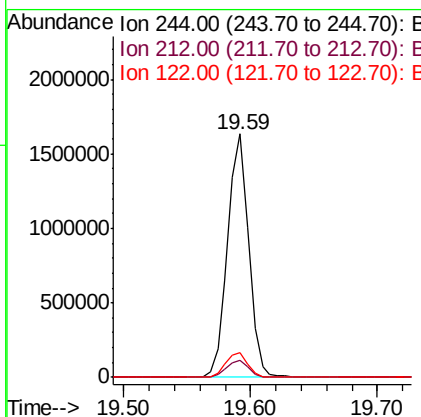
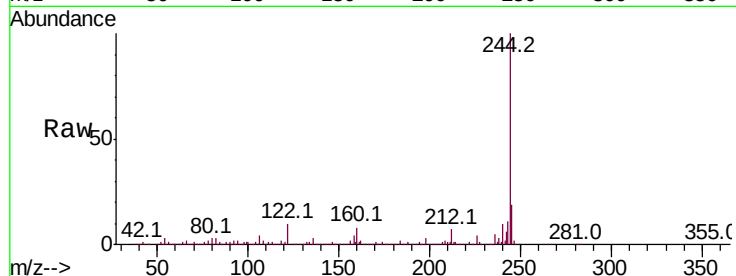




#79
 Terphenyl-d14
 Concen: 92.174 ng
 RT: 19.59 min Scan# 2823
 Delta R.T. -0.02 min
 Lab File: BM019966.D
 Acq: 18 Apr 2019 22:45

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:244 Resp: 1881833
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 10.3 9.1 13.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.35 min Scan# 3462
 Delta R.T. -0.03 min
 Lab File: BM019966.D
 Acq: 18 Apr 2019 22:45

Tgt Ion:264 Resp: 461783
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 22.9 17.2 25.8

