

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041919\
 Data File : BM020002.D
 Acq On : 20 Apr 2019 10:55
 Operator : JU/SJ
 Sample : K2487-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FB

Quant Time: Apr 21 22:09:19 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

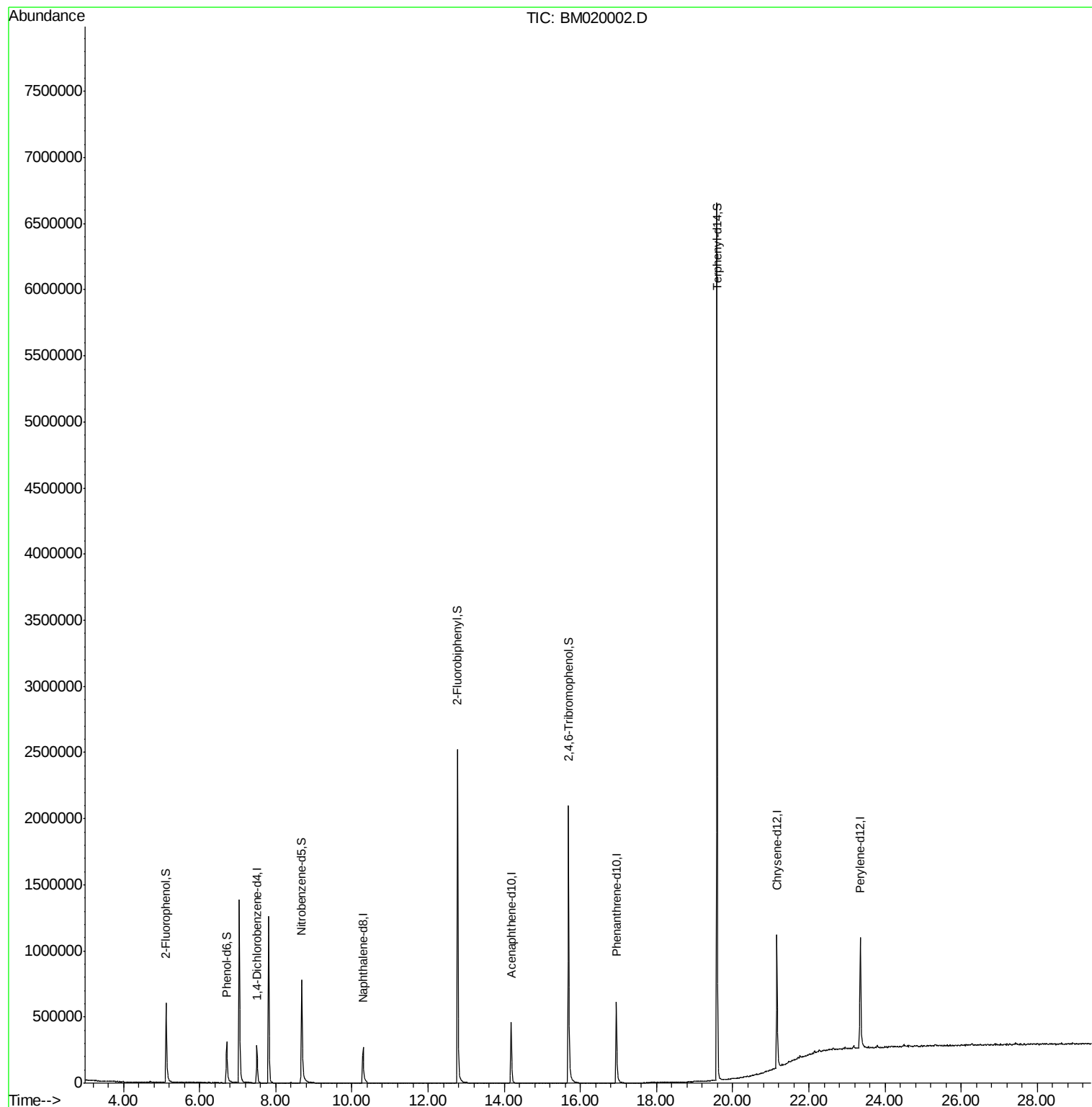
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	76271	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	290770	20.00	ng	0.00
39) Acenaphthene-d10	14.18	164	185880	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	435831	20.00	ng	0.00
76) Chrysene-d12	21.16	240	503524	20.00	ng	0.00
87) Perylene-d12	23.35	264	663015	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	305547	64.92	ng	0.00
7) Phenol-d6	6.71	99	240165	33.91	ng	0.00
23) Nitrobenzene-d5	8.68	82	619245	95.24	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	441373	147.51	ng	0.00
45) 2-Fluorobiphenyl	12.78	172	1399280	93.81	ng	0.00
79) Terphenyl-d14	19.59	244	2768062	96.96	ng	0.00
Target Compounds						
9) Benzaldehyde	6.71	77	148	Below Cal	Qvalue #	7

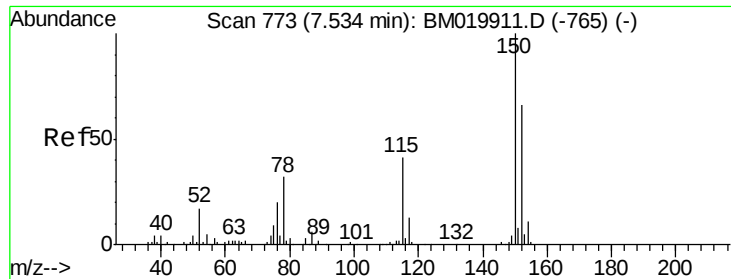
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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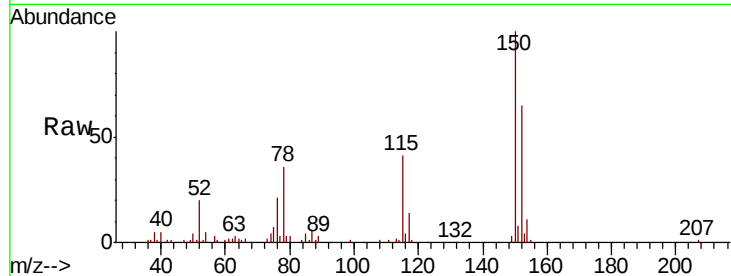


#1

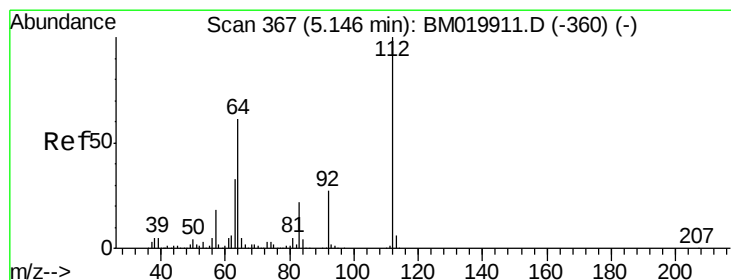
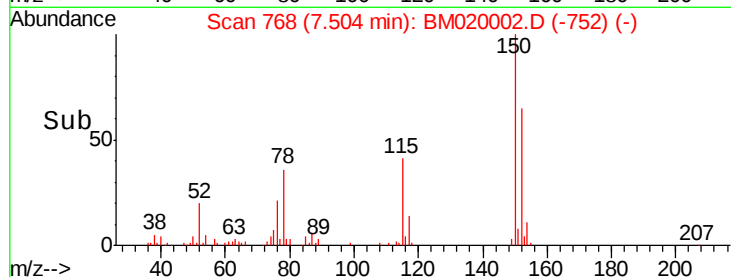
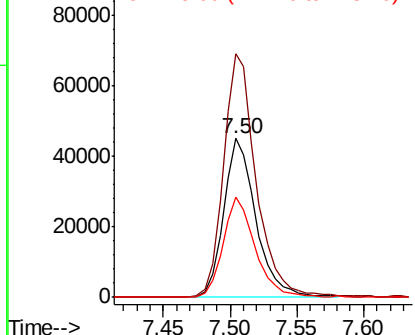
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.01 min
Lab File: BM020002.D
Acq: 20 Apr 2019 10:55

Instrument :
BNA_M
ClientSampleId :
FB

Tgt Ion:152 Resp: 76271
Ion Ratio Lower Upper
152 100
150 153.1 122.1 183.1
115 63.3 50.0 75.0



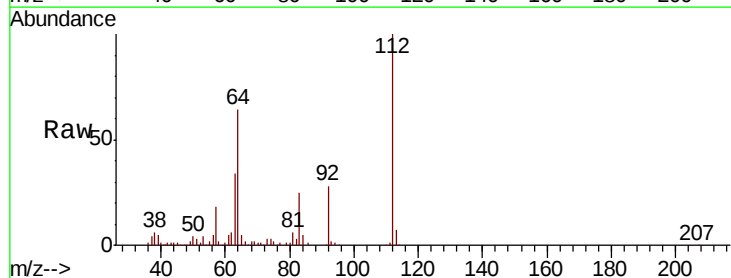
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



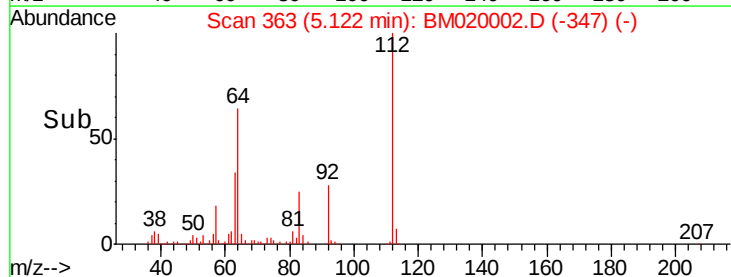
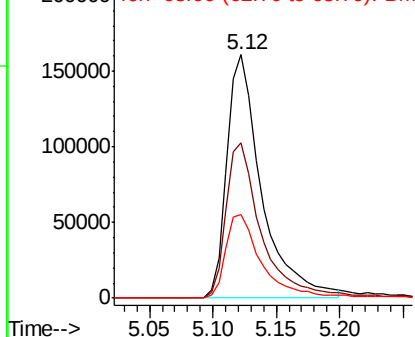
#5

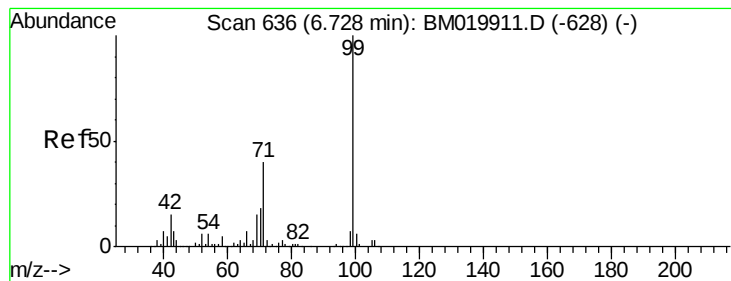
2-Fluorophenol
Concen: 64.924 ng
RT: 5.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: BM020002.D
Acq: 20 Apr 2019 10:55

Tgt Ion:112 Resp: 305547
Ion Ratio Lower Upper
112 100
64 63.9 49.1 73.7
63 34.4 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: 33.908 ng

RT: 6.71 min Scan# 633

Delta R.T. 0.00 min

Lab File: BM020002.D

Acq: 20 Apr 2019 10:55

Instrument :

BNA_M

ClientSampled :

FB

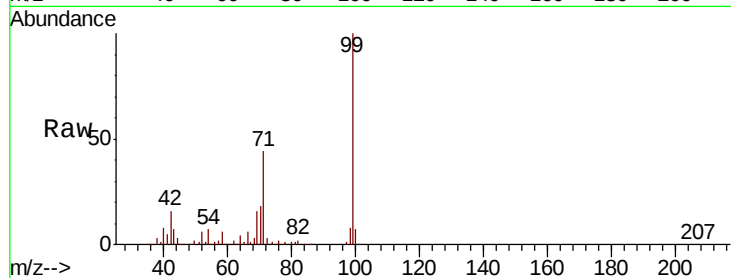
Tgt Ion: 99 Resp: 240165

Ion Ratio Lower Upper

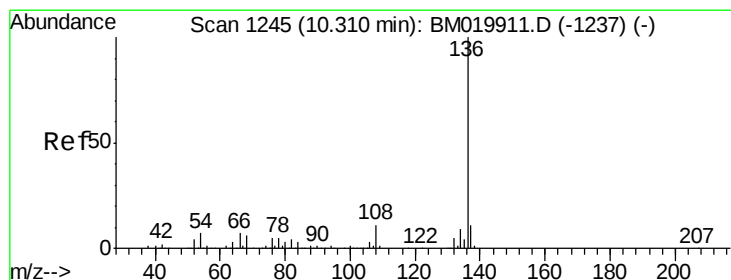
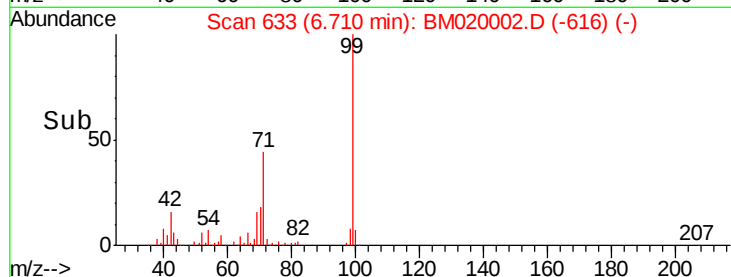
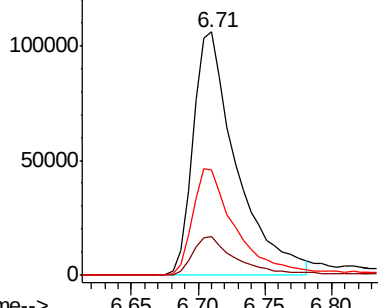
99 100

42 15.9 11.8 17.8

71 43.5 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: 10.29 min Scan# 1242

Delta R.T. 0.01 min

Lab File: BM020002.D

Acq: 20 Apr 2019 10:55

Tgt Ion: 136 Resp: 290770

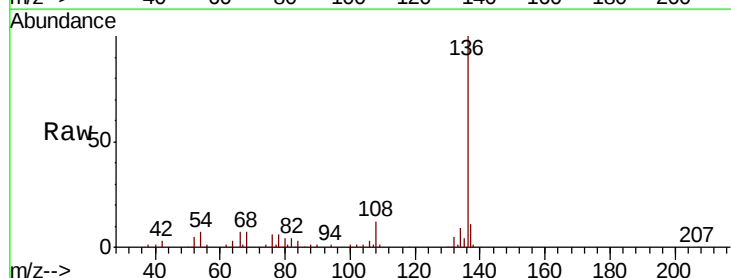
Ion Ratio Lower Upper

136 100

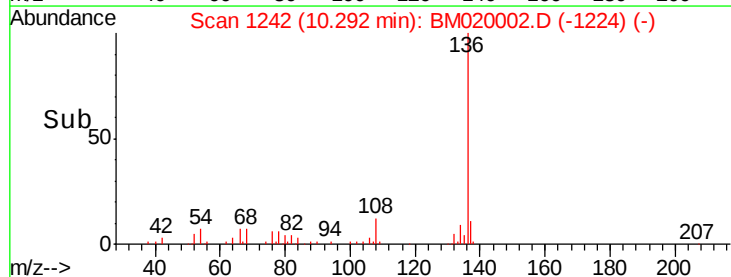
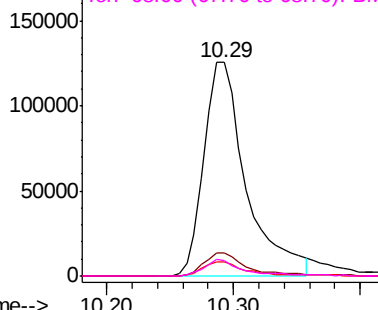
137 11.0 9.0 13.6

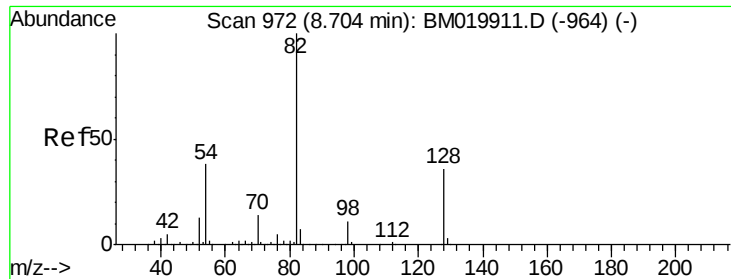
54 6.7 5.3 7.9

68 7.3 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

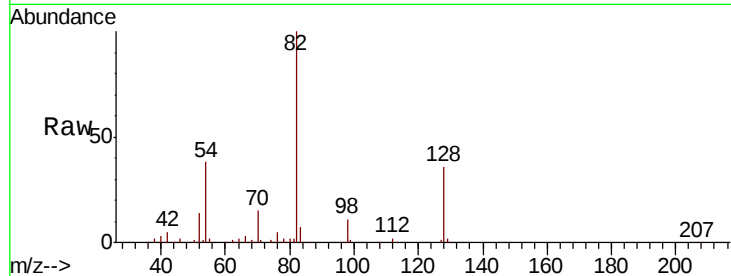




#23
Nitrobenzene-d5
Concen: 95.241 ng
RT: 8.68 min Scan# 968
Delta R.T. -0.01 min
Lab File: BM020002.D
Acq: 20 Apr 2019 10:55

Instrument :
BNA_M
ClientSampleId :
FB

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.2	29.0	43.4
54	38.4	30.2	45.4

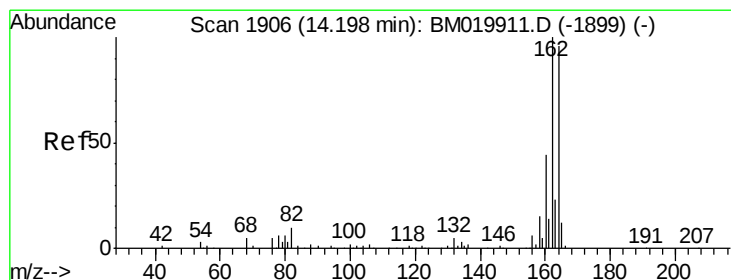
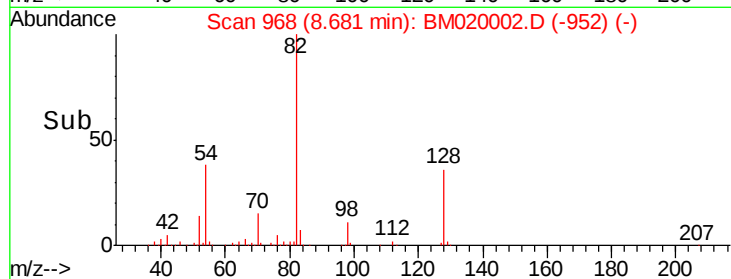
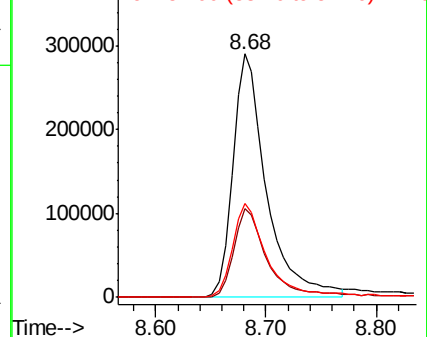


Abundance

Ion 82.00 (81.70 to 82.70): BM019911.D (-964) (-)

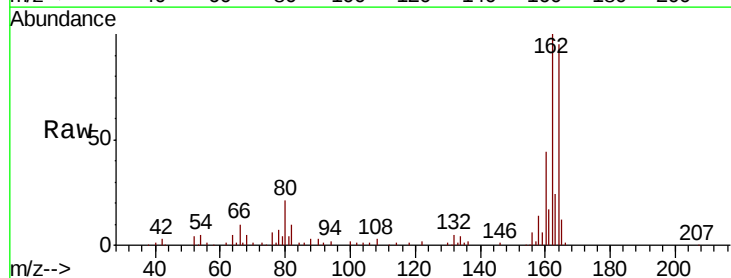
Ion 128.00 (127.70 to 128.70): BM019911.D (-964) (-)

Ion 54.00 (53.70 to 54.70): BM019911.D (-964) (-)



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.18 min Scan# 1903
Delta R.T. 0.01 min
Lab File: BM020002.D
Acq: 20 Apr 2019 10:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.8	83.0	124.4
160	46.8	36.6	55.0

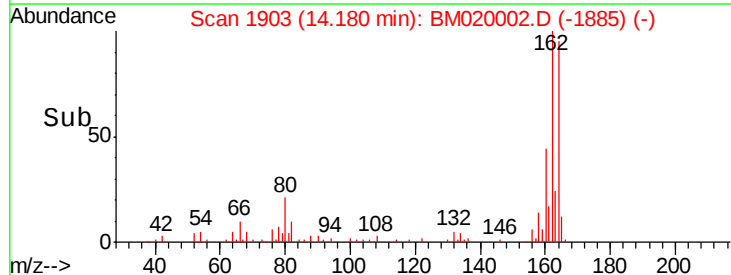
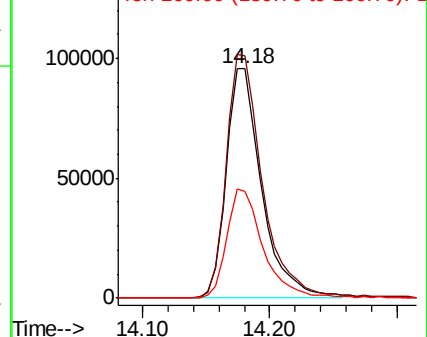


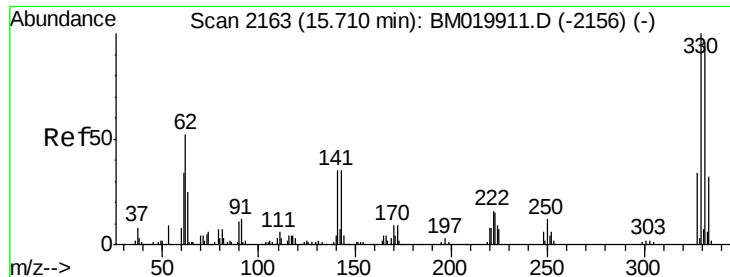
Abundance

Ion 164.00 (163.70 to 164.70): BM019911.D (-1899) (-)

Ion 162.00 (161.70 to 162.70): BM019911.D (-1899) (-)

Ion 160.00 (159.70 to 160.70): BM019911.D (-1899) (-)

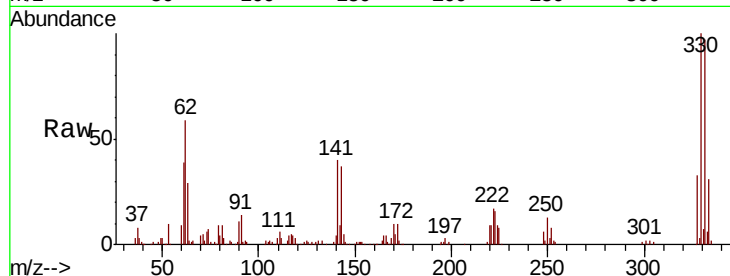




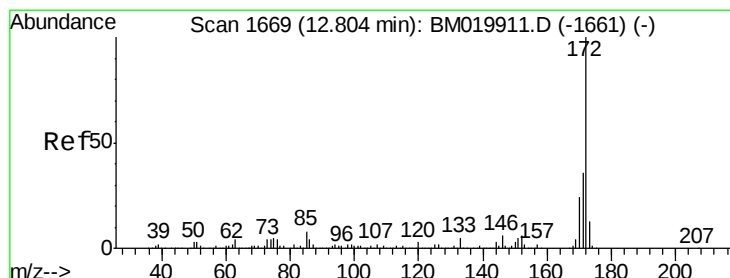
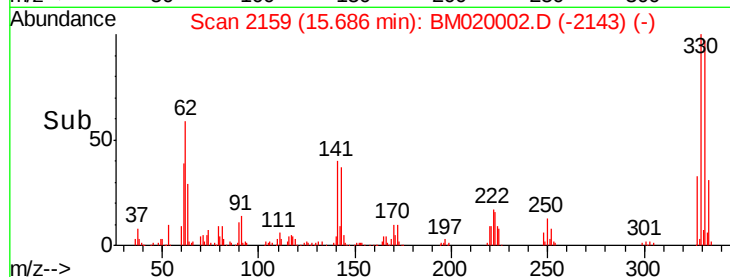
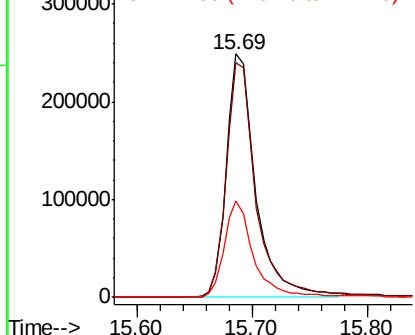
#42
 2,4,6-Tribromophenol
 Concen: 147.510 ng
 RT: 15.69 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BM020002.D
 Acq: 20 Apr 2019 10:55

Instrument :
 BNA_M
 ClientSampleId :
 FB

Tgt Ion:330 Resp: 441373
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.2
 141 39.0 29.0 43.4

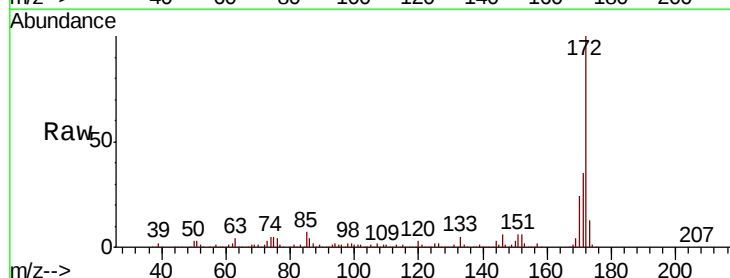


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

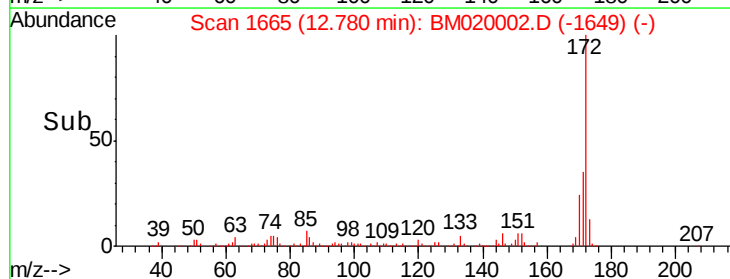
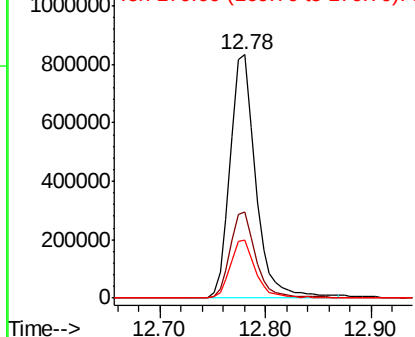


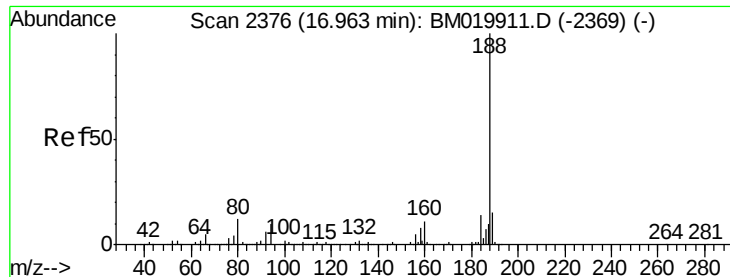
#45
 2-Fluorobiphenyl
 Concen: 93.815 ng
 RT: 12.78 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BM020002.D
 Acq: 20 Apr 2019 10:55

Tgt Ion:172 Resp: 1399280
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.9 43.3
 170 23.8 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: BM020002.D

Acq: 20 Apr 2019 10:55

Instrument :

BNA_M

ClientSampleId :

FB

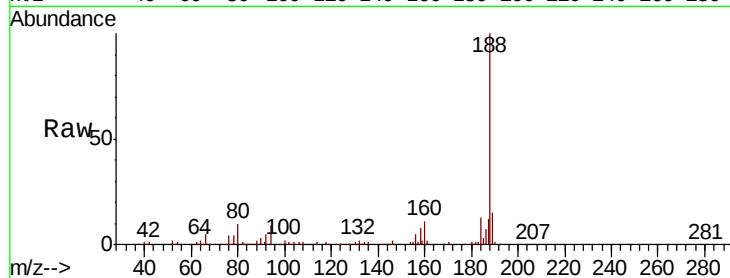
Tgt Ion:188 Resp: 435831

Ion Ratio Lower Upper

188 100

94 8.9 7.6 11.4

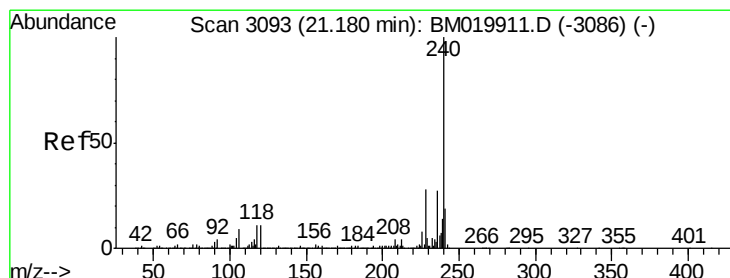
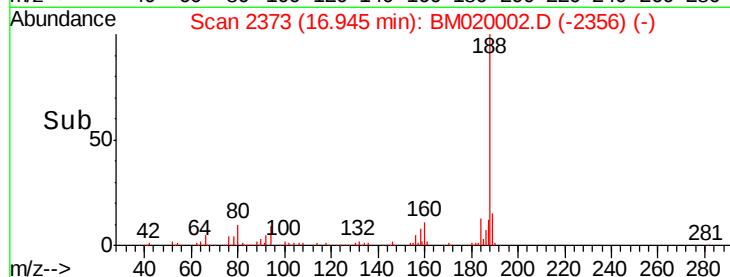
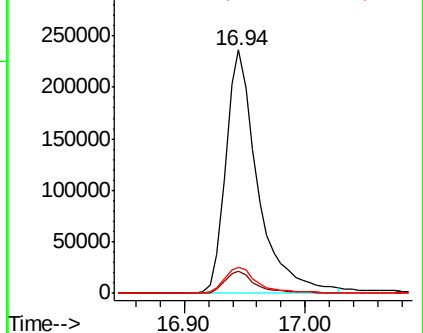
80 10.5 9.4 14.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): 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: BM020002.D

Acq: 20 Apr 2019 10:55

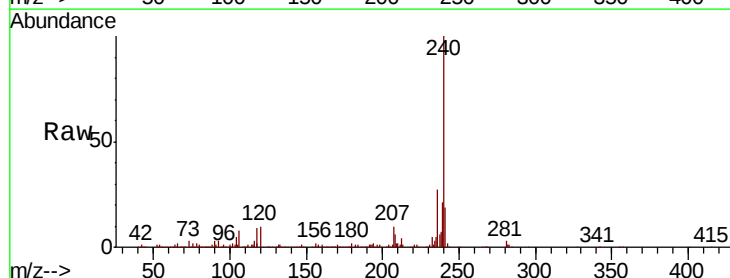
Tgt Ion:240 Resp: 503524

Ion Ratio Lower Upper

240 100

120 9.9 8.6 13.0

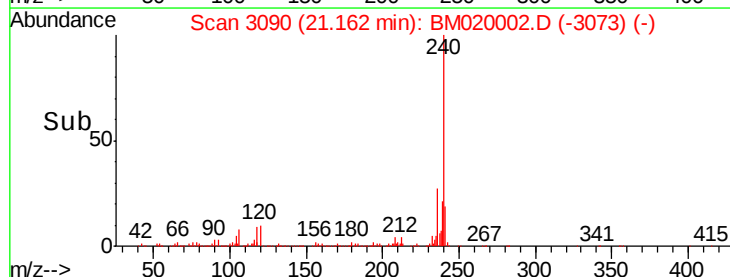
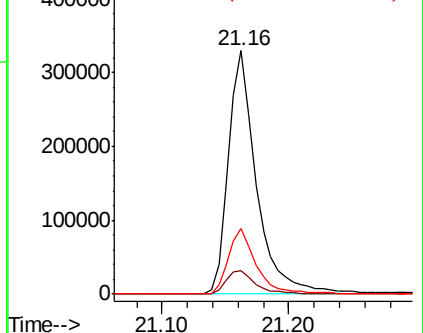
236 26.9 21.4 32.2

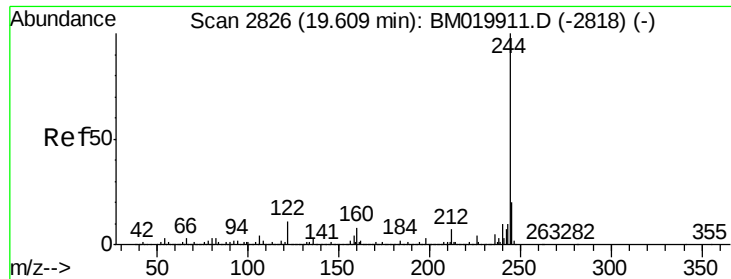


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

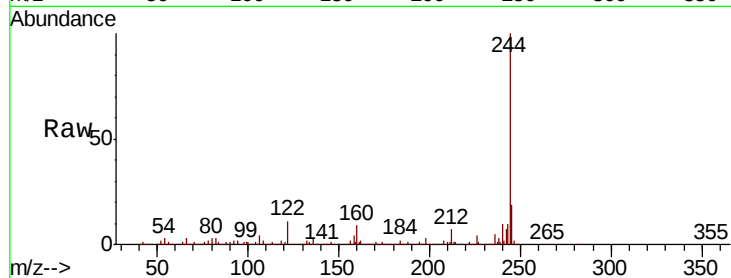




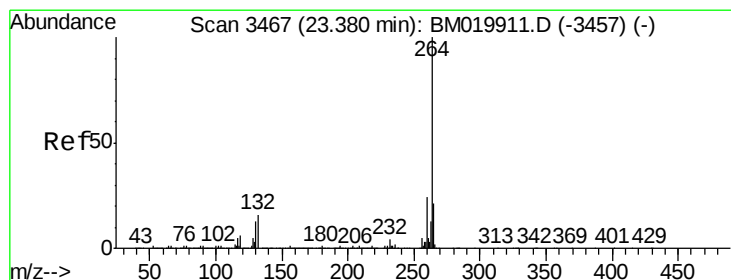
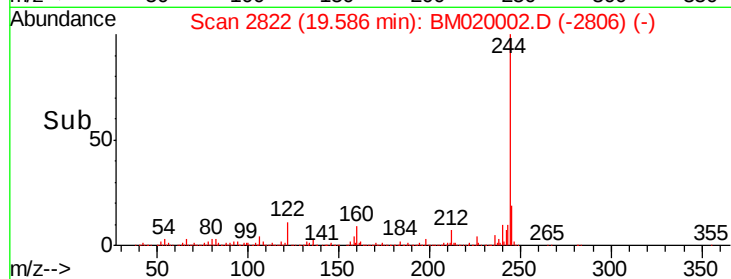
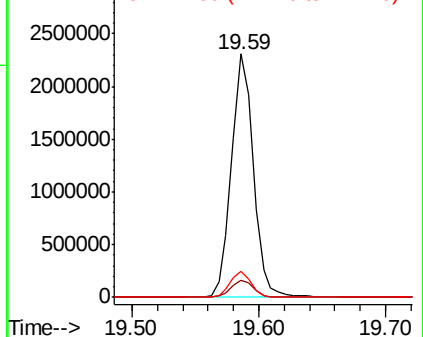
#79
 Terphenyl-d14
 Concen: 96.964 ng
 RT: 19.59 min Scan# 2822
 Delta R.T. -0.01 min
 Lab File: BM020002.D
 Acq: 20 Apr 2019 10:55

Instrument :
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Tgt Ion:244 Resp: 2768062
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 10.6 9.1 13.7

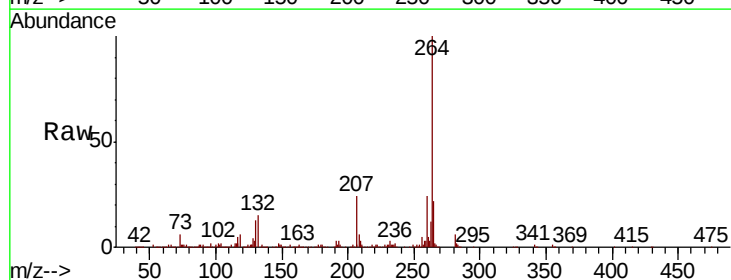


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.35 min Scan# 3462
 Delta R.T. 0.00 min
 Lab File: BM020002.D
 Acq: 20 Apr 2019 10:55

Tgt Ion:264 Resp: 663015
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.9 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

