

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
 Data File : BM020733.D
 Acq On : 05 Jun 2019 13:06
 Operator : HP/JU
 Sample : PB120321BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120321BL

Quant Time: Jun 05 18:23:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 05 18:16:03 2019
 Response via : Initial Calibration

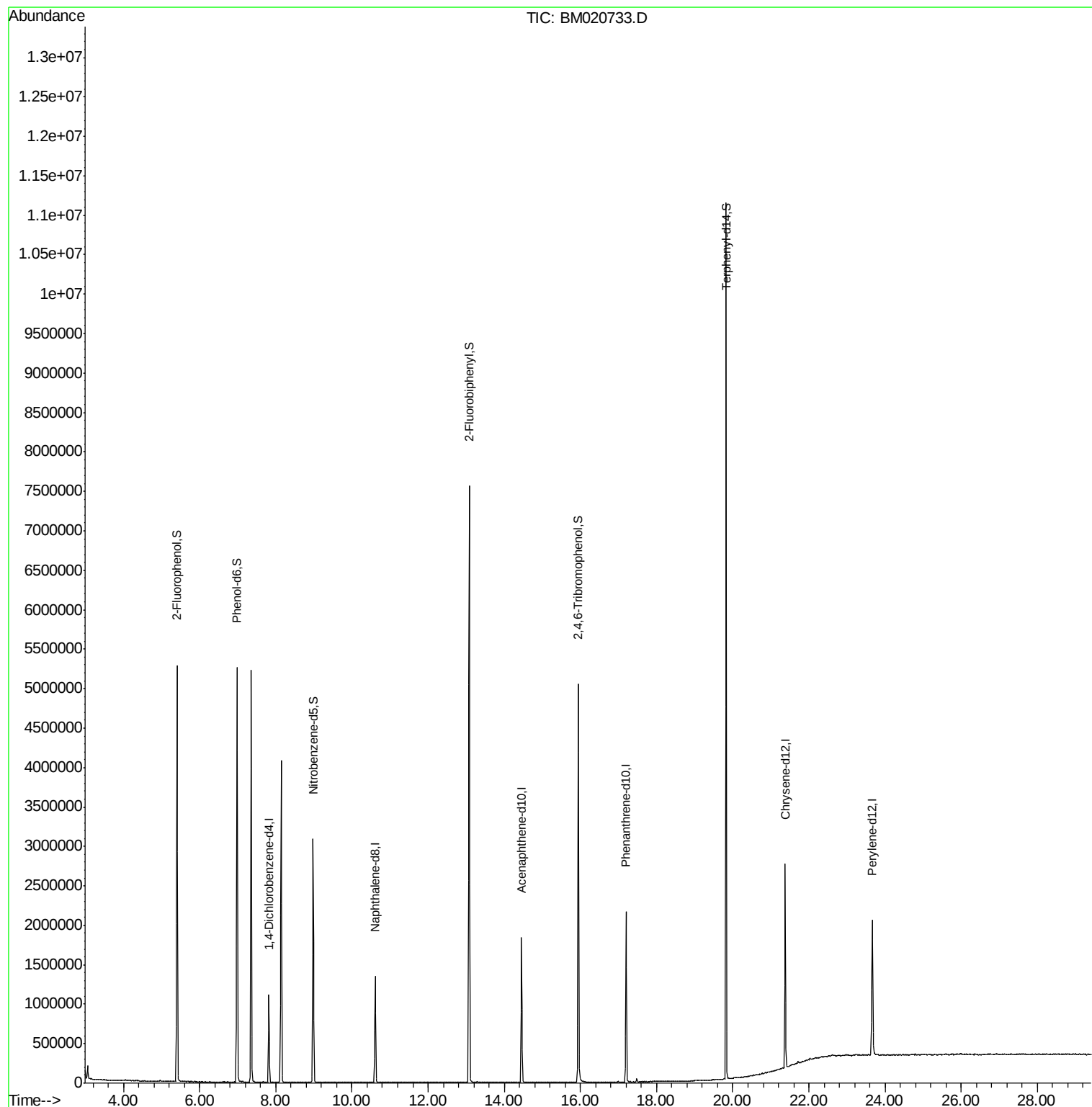
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	288314	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	1103734	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	594069	20.00	ng	0.00
64) Phenanthrene-d10	17.20	188	1233891	20.00	ng	0.00
76) Chrysene-d12	21.38	240	1080844	20.00	ng	0.00
87) Perylene-d12	23.67	264	1264285	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	2118065	129.23	ng	0.00
7) Phenol-d6	6.99	99	2880356	119.35	ng	0.00
23) Nitrobenzene-d5	8.98	82	1737008	81.54	ng	0.00
42) 2,4,6-Tribromophenol	15.94	330	939989	127.71	ng	0.00
45) 2-Fluorobiphenyl	13.08	172	3953627	88.48	ng	0.00
79) Terphenyl-d14	19.83	244	4922203	76.17	ng	0.00
Target Compounds						
9) Benzaldehyde	6.99	77	5800	Below Cal	Qvalue #	4

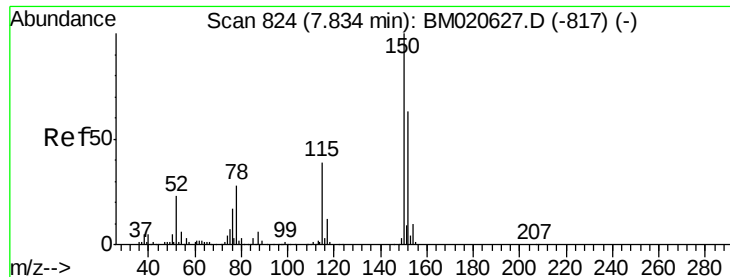
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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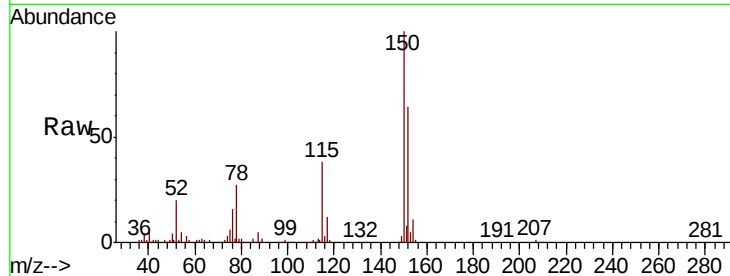


#1

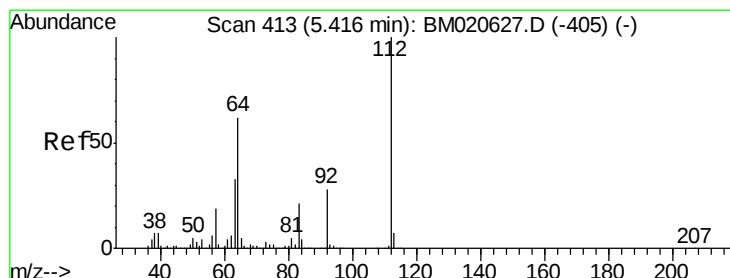
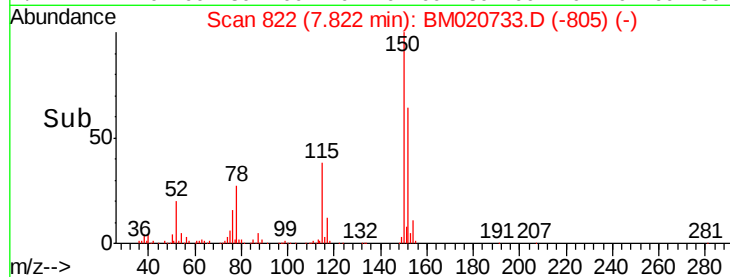
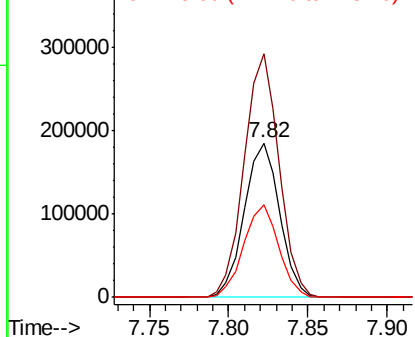
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. 0.00 min
Lab File: BM020733.D
Acq: 05 Jun 2019 13:06

Instrument :
BNA_M
ClientSampleId :
PB120321BL

Tot Ion:152 Resp: 288314
Ion Ratio Lower Upper
152 100
150 157.5 124.0 186.0
115 59.5 47.0 70.6



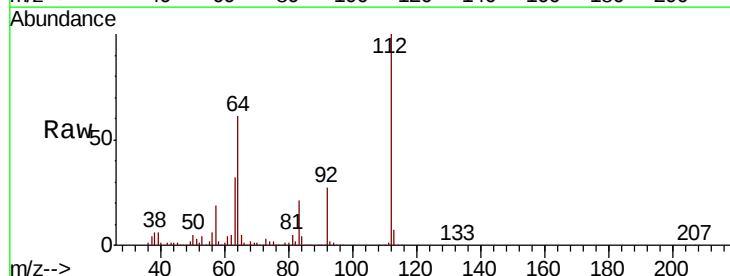
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



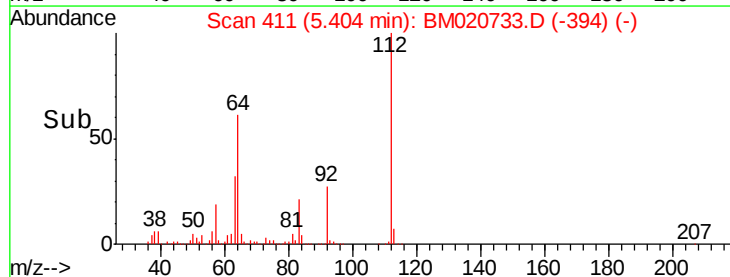
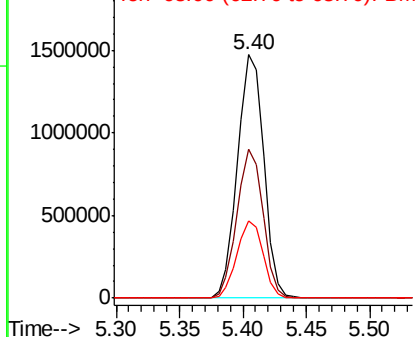
#5

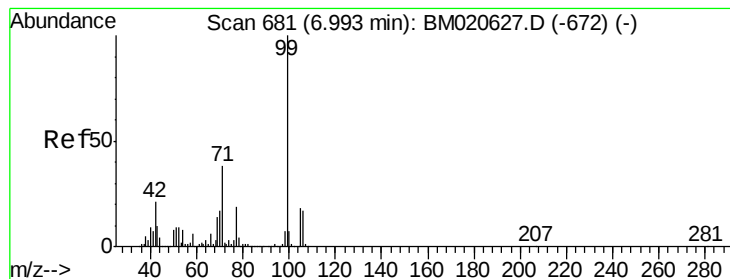
2-Fluorophenol
Concen: 129.228 ng
RT: 5.40 min Scan# 411
Delta R.T. 0.00 min
Lab File: BM020733.D
Acq: 05 Jun 2019 13:06

Tgt Ion:112 Resp: 2118065
Ion Ratio Lower Upper
112 100
64 61.1 47.8 71.8
63 31.7 25.4 38.0



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: 119.349 ng

RT: 6.99 min Scan# 680

Delta R.T. 0.00 min

Lab File: BM020733.D

Acq: 05 Jun 2019 13:06

Instrument :

BNA_M

ClientSampleId :

PB120321BL

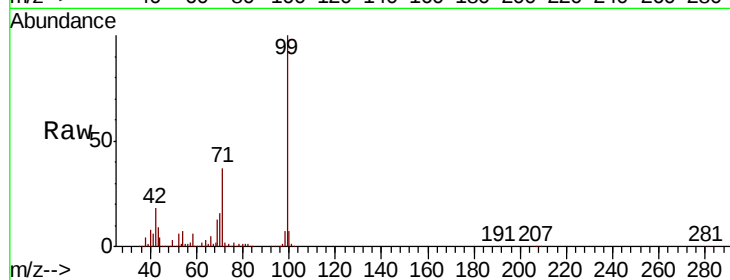
Tot Ion: 99 Resp: 2880356

Ion Ratio Lower Upper

99 100

42 18.4 14.8 22.2

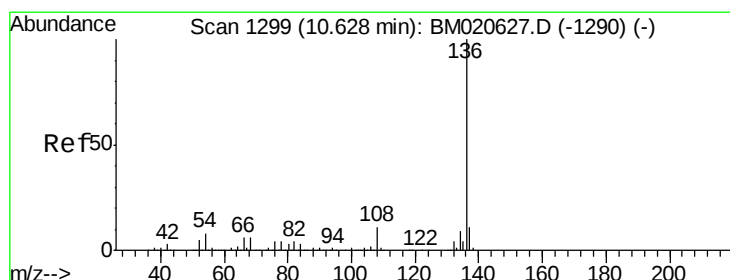
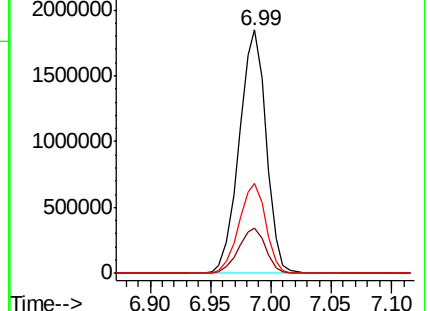
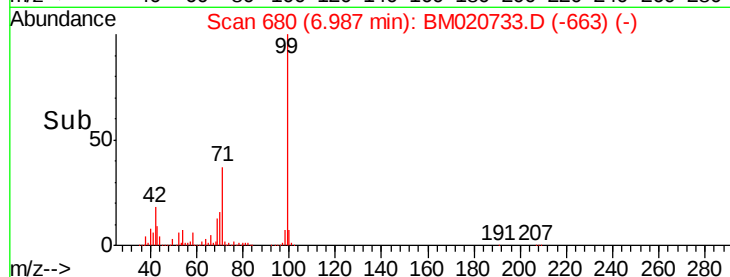
71 37.0 29.5 44.3



Abundance Ion 99.00 (98.70 to 99.70): BM020733.D (-663) (-)

Ion 42.00 (41.70 to 42.70): BM020733.D (-663) (-)

Ion 71.00 (70.70 to 71.70): BM020733.D (-663) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.61 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BM020733.D

Acq: 05 Jun 2019 13:06

Tgt Ion: 136 Resp: 1103734

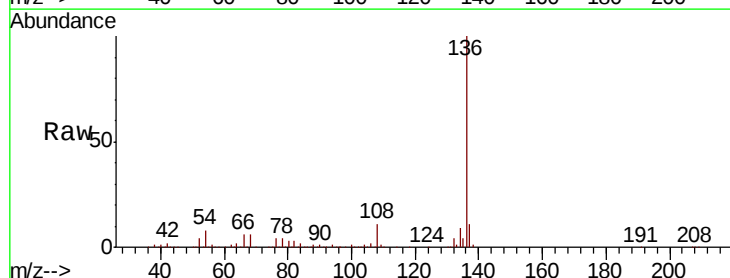
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 7.9 6.0 9.0

68 6.1 4.4 6.6

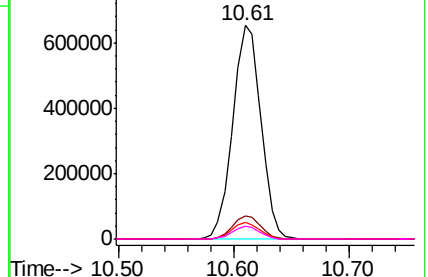
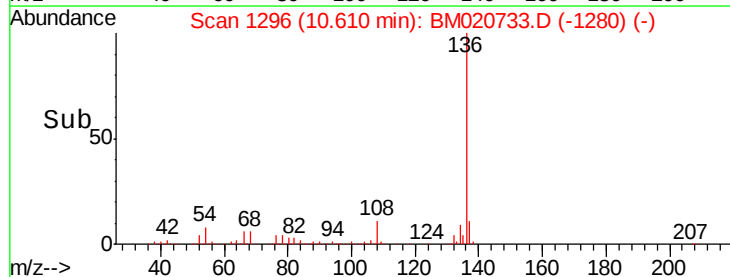


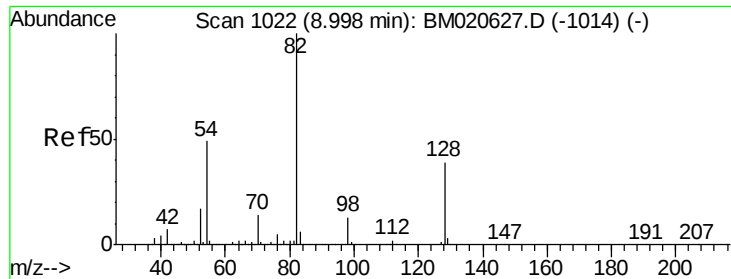
Abundance Ion 136.00 (135.70 to 136.70): BM020733.D (-1280) (-)

Ion 137.00 (136.70 to 137.70): BM020733.D (-1280) (-)

Ion 54.00 (53.70 to 54.70): BM020733.D (-1280) (-)

Ion 68.00 (67.70 to 68.70): BM020733.D (-1280) (-)



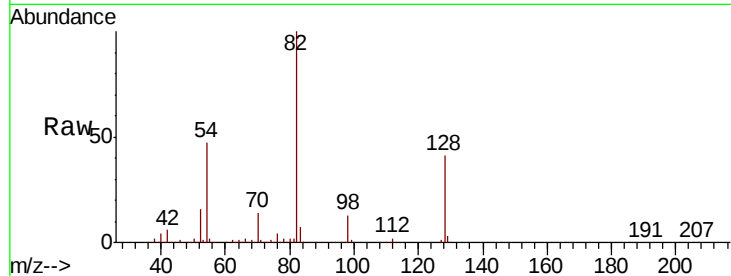


#23
 Nitrobenzene-d5
 Concen: 81.539 ng
 RT: 8.98 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BM020733.D
 Acq: 05 Jun 2019 13:06

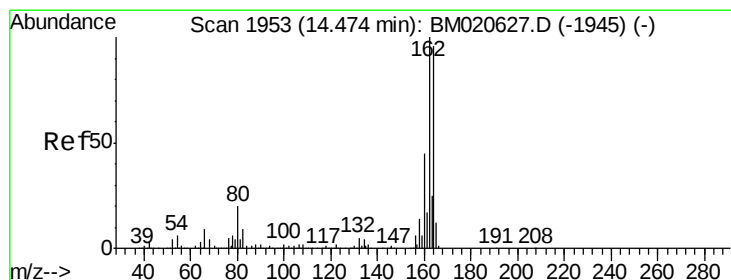
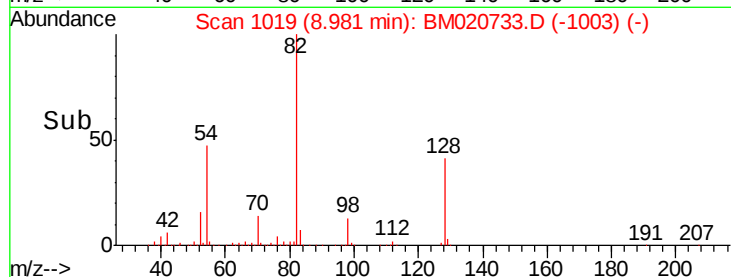
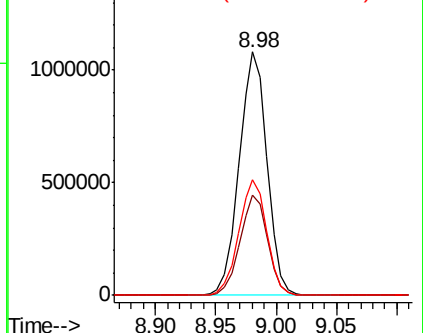
Instrument :
 BNA_M
 ClientSampleId :
 PB120321BL

Tot Ion: 82 Resp: 1737008

Ion	Ratio	Lower	Upper
82	100		
128	41.3	33.2	49.8
54	47.4	37.7	56.5



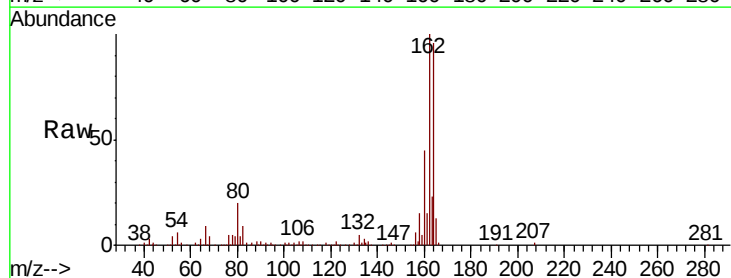
Abundance Ion 82.00 (81.70 to 82.70): BM0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BM0



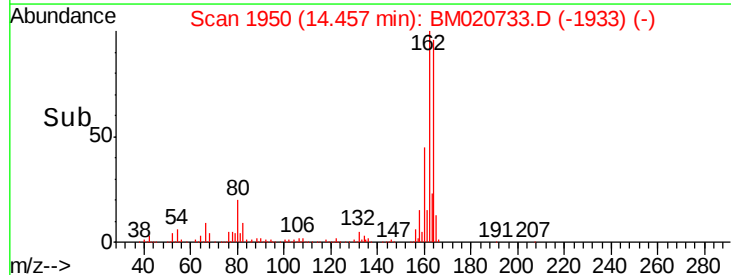
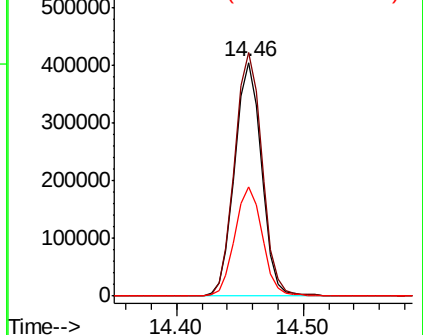
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1950
 Delta R.T. 0.00 min
 Lab File: BM020733.D
 Acq: 05 Jun 2019 13:06

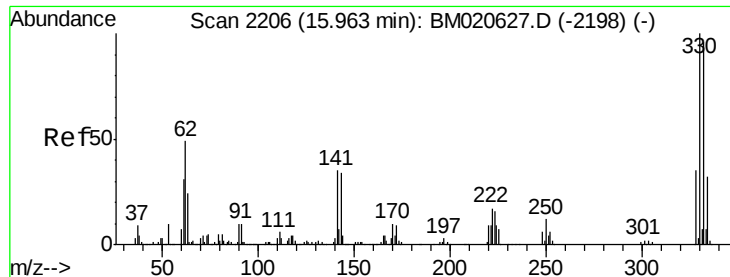
Tgt Ion:164 Resp: 594069

Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.5	125.3
160	46.5	37.2	55.8



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

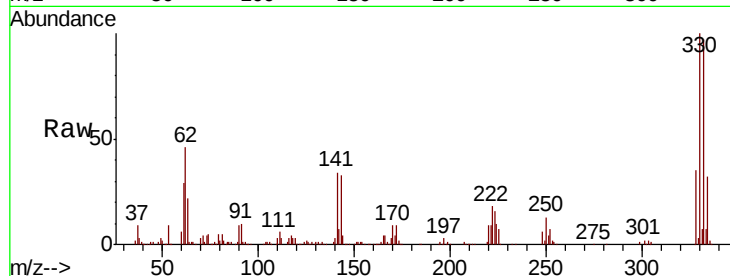




#42
 2,4,6-Tribromophenol
 Concen: 127.708 ng
 RT: 15.94 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BM020733.D
 Acq: 05 Jun 2019 13:06

Instrument :
 BNA_M
 ClientSampleId :
 PB120321BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.4
141	34.2	27.7	41.5

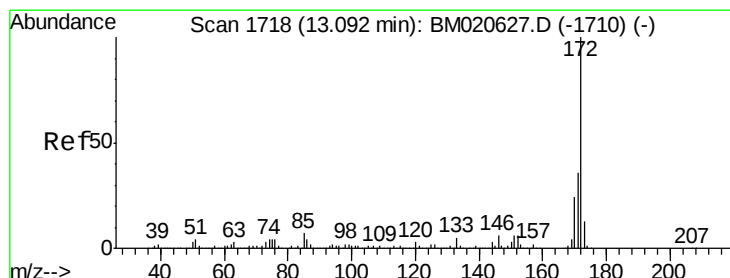
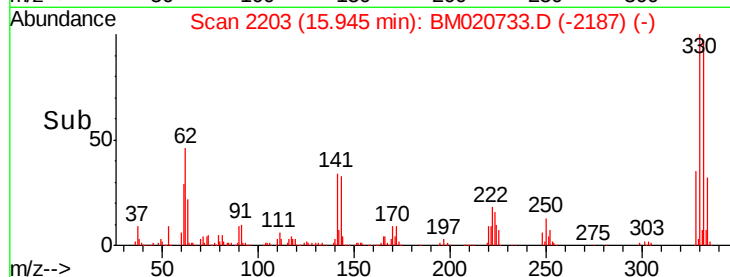
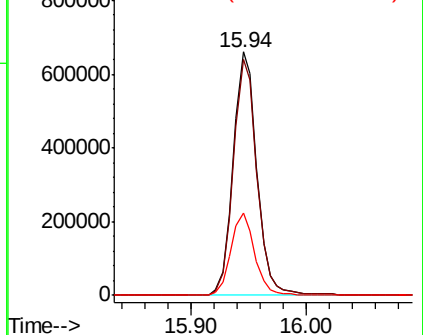


Abundance

Ion 329.80 (329.50 to 330.50): E

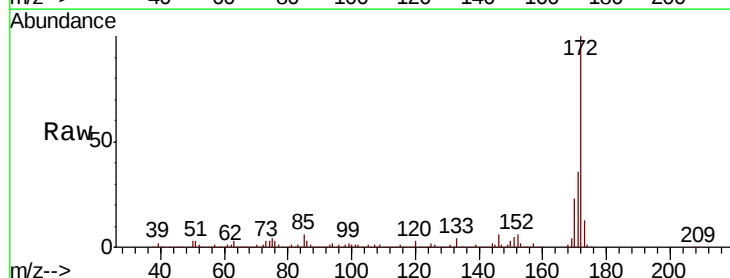
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 88.477 ng
 RT: 13.08 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BM020733.D
 Acq: 05 Jun 2019 13:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.8	43.2
170	23.0	18.5	27.7

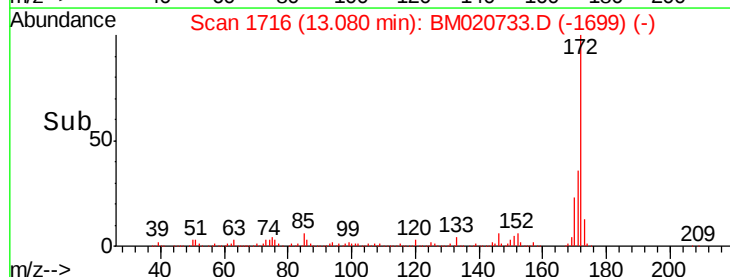
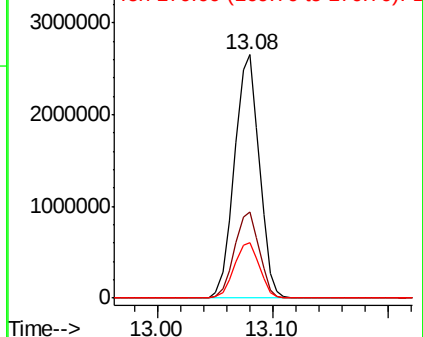


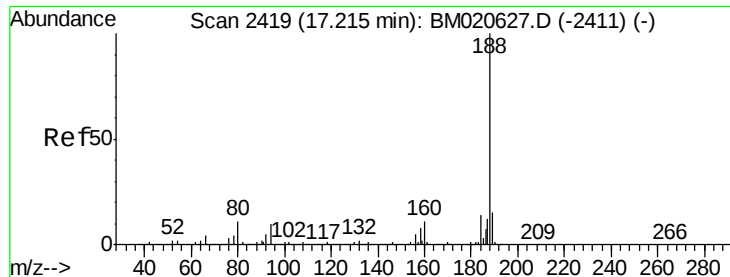
Abundance

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: 17.20 min Scan# 2417

Delta R.T. 0.00 min

Lab File: BM020733.D

Acq: 05 Jun 2019 13:06

Instrument :

BNA_M

ClientSampleId :

PB120321BL

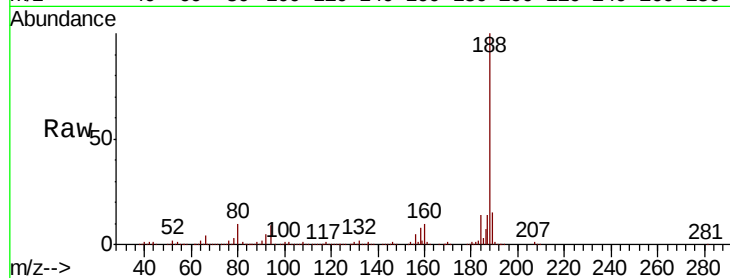
Tot Ion:188 Resp: 1233891

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.4

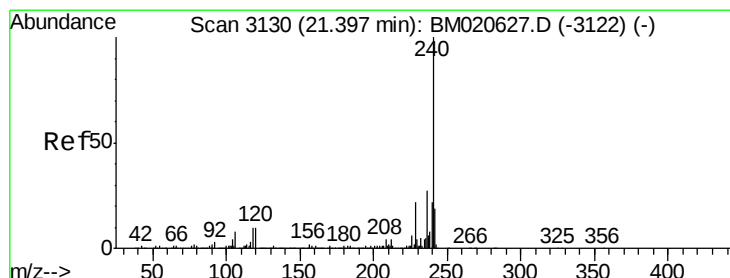
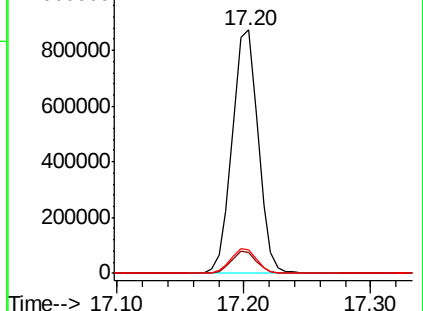
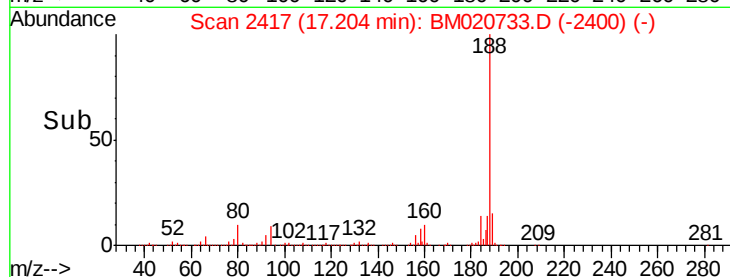
80 9.7 7.8 11.8



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: 21.38 min Scan# 3127

Delta R.T. 0.00 min

Lab File: BM020733.D

Acq: 05 Jun 2019 13:06

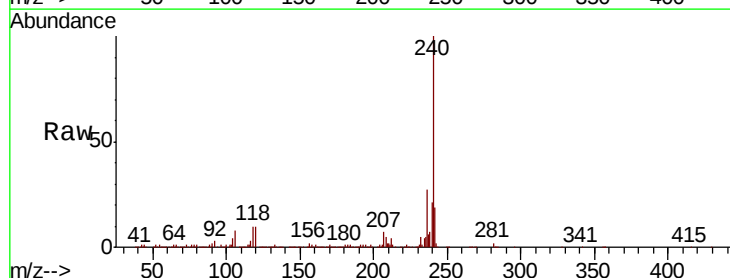
Tgt Ion:240 Resp: 1080844

Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

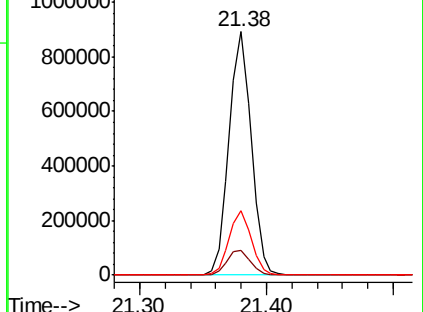
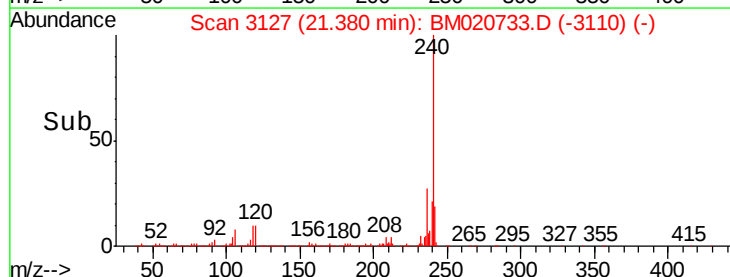
236 26.7 21.1 31.7

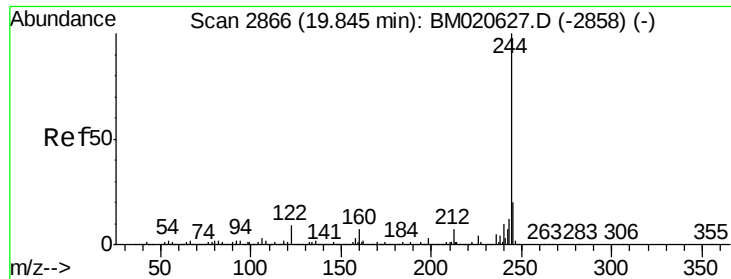


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

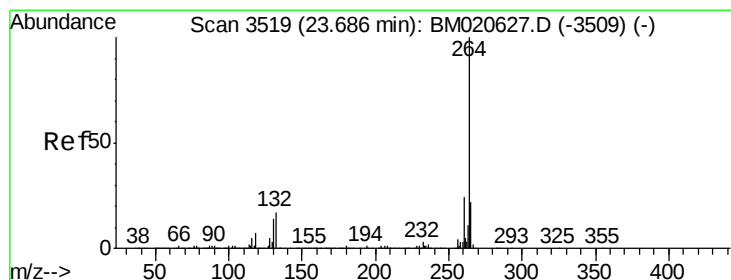
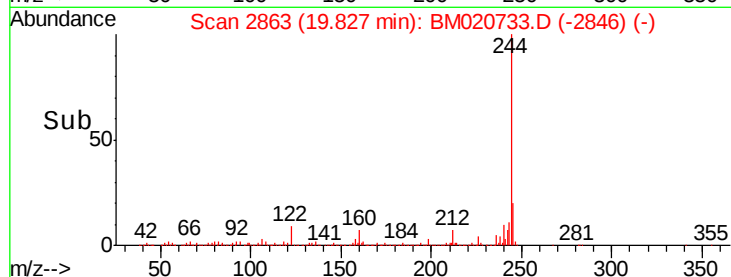
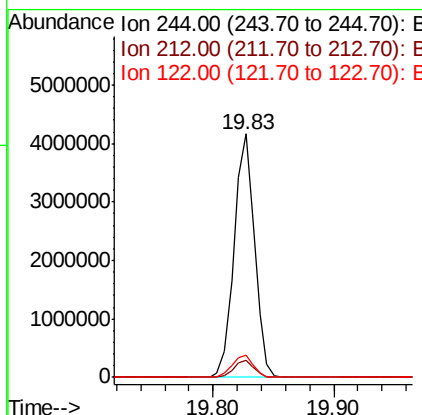
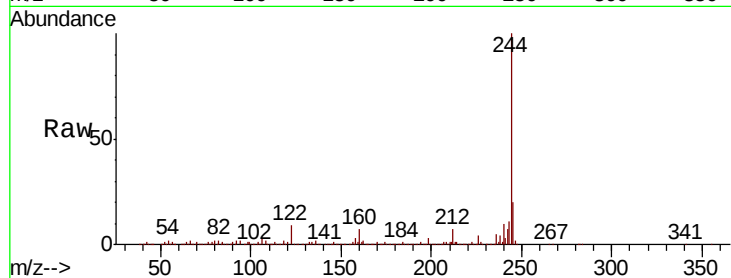




#79
 Terphenyl-d14
 Concen: 76.173 ng
 RT: 19.83 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: BM020733.D
 Acq: 05 Jun 2019 13:06

Instrument :
 BNA_M
 ClientSampled :
 PB120321BL

Tot Ion:244 Resp: 4922203
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 9.3 7.4 11.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.67 min Scan# 3516
 Delta R.T. 0.00 min
 Lab File: BM020733.D
 Acq: 05 Jun 2019 13:06

Tgt Ion:264 Resp: 1264285
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 21.7 17.4 26.0

