

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
 Data File : BM020731.D
 Acq On : 05 Jun 2019 11:54
 Operator : HP/JU
 Sample : PB191779BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119779BL

Quant Time: Jun 05 18:31:35 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	311369	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	1193344	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	646122	20.00	ng	0.00
64) Phenanthrene-d10	17.20	188	1345342	20.00	ng	0.00
76) Chrysene-d12	21.38	240	1165348	20.00	ng	0.00
87) Perylene-d12	23.67	264	1367188	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	2331894	131.74	ng	0.00
7) Phenol-d6	6.99	99	3159597	121.23	ng	0.00
23) Nitrobenzene-d5	8.98	82	1903297	82.64	ng	0.00
42) 2,4,6-Tribromophenol	15.94	330	1029137	128.56	ng	0.00
45) 2-Fluorobiphenyl	13.08	172	4342117	89.34	ng	0.00
79) Terphenyl-d14	19.83	244	5448088	78.20	ng	0.00

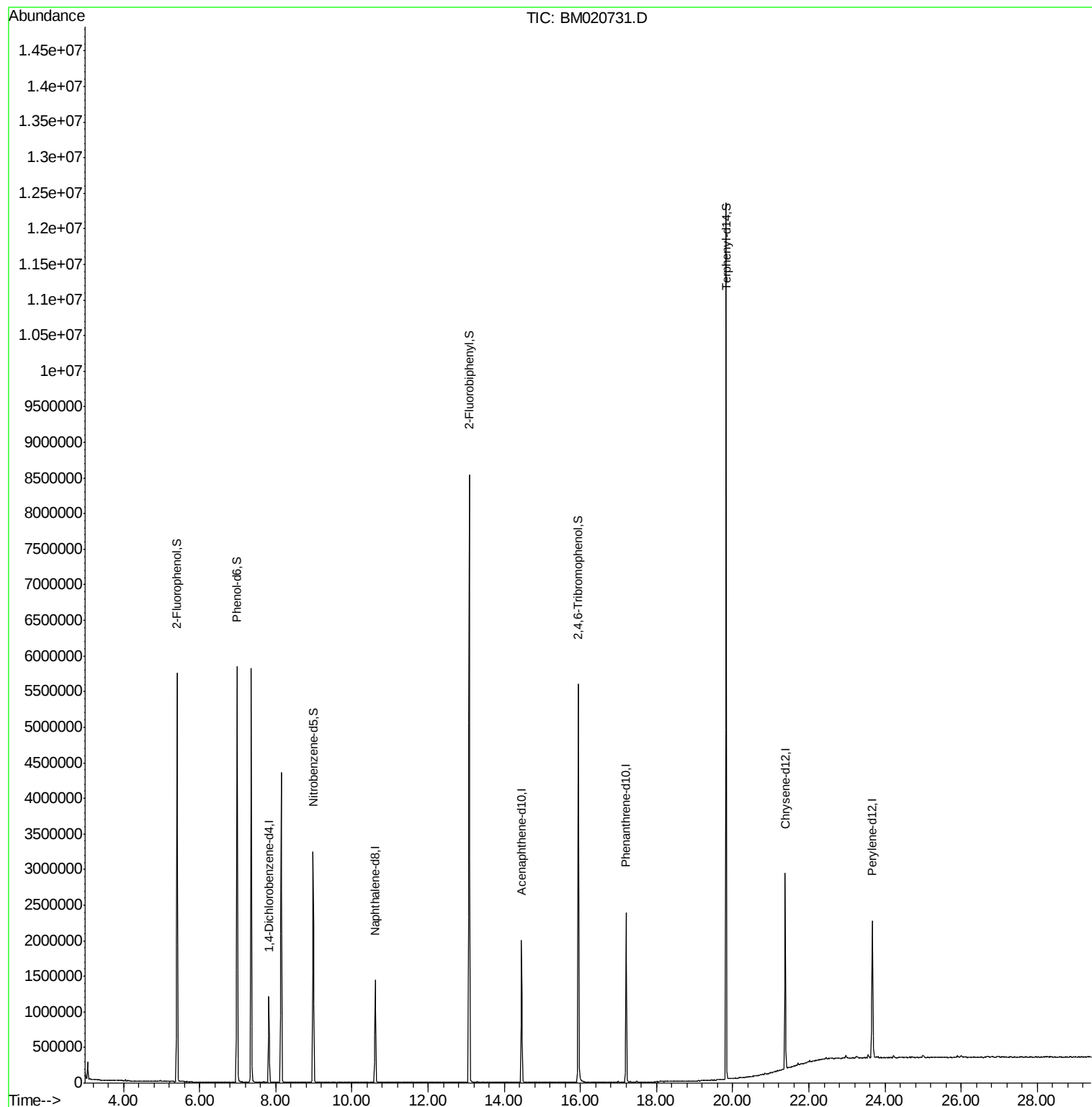
Target Compounds Qvalue

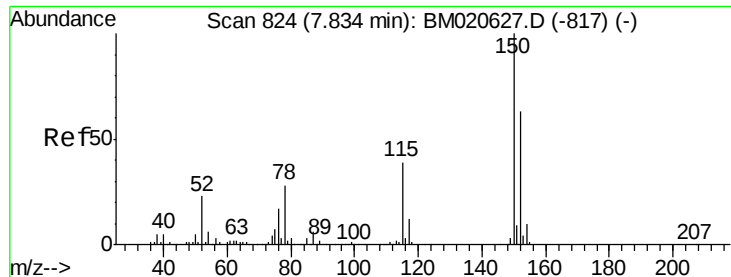
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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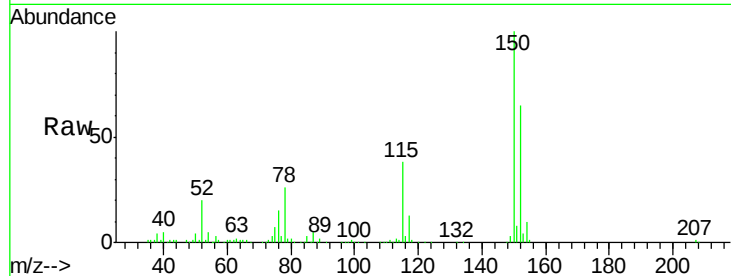


#1

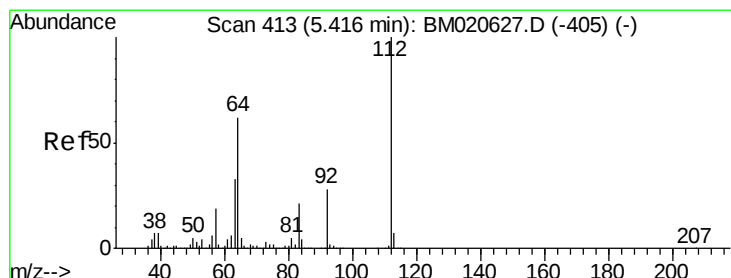
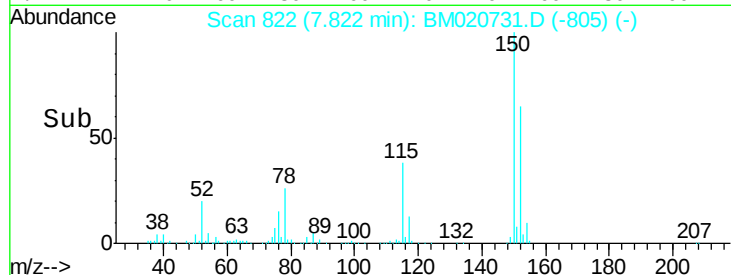
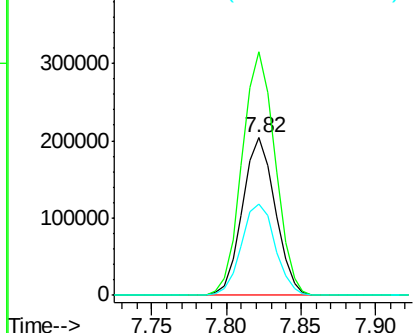
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. 0.00 min
Lab File: BM020731.D
Acq: 05 Jun 2019 11:54

Instrument :
BNA_M
ClientSampleId :
PB119779BL

Tot Ion:152 Resp: 311369
Ion Ratio Lower Upper
152 100
150 154.5 124.0 186.0
115 58.1 47.0 70.6



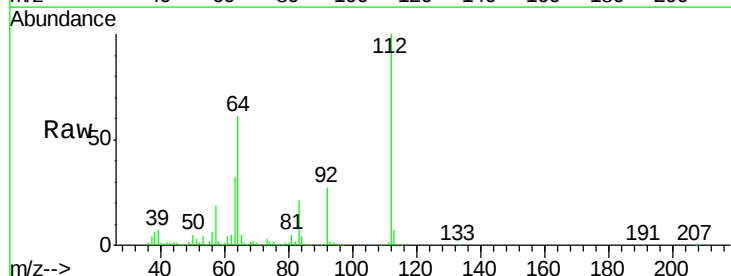
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



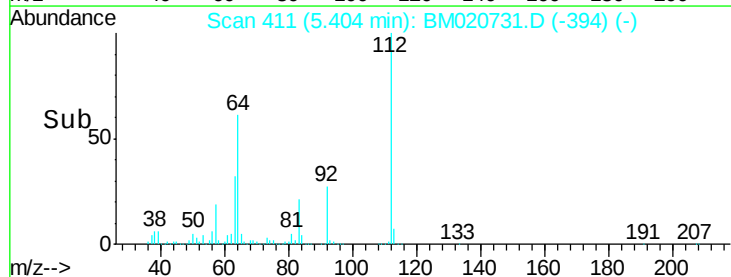
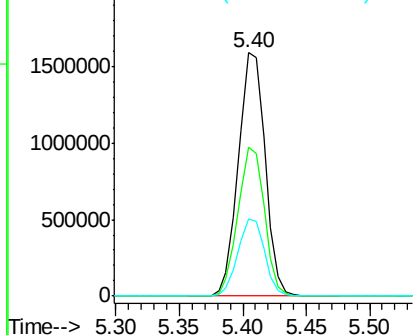
#5

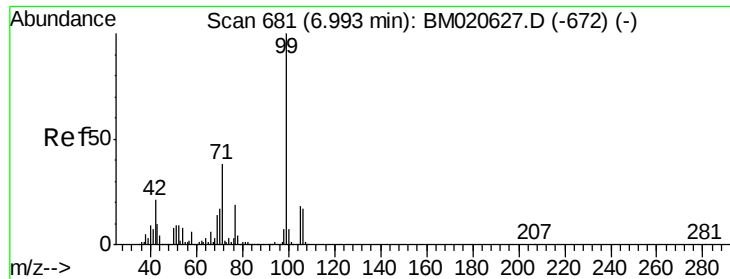
2-Fluorophenol
Concen: 131.739 ng
RT: 5.40 min Scan# 411
Delta R.T. 0.00 min
Lab File: BM020731.D
Acq: 05 Jun 2019 11:54

Tgt Ion:112 Resp: 2331894
Ion Ratio Lower Upper
112 100
64 61.3 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: 121.226 ng

RT: 6.99 min Scan# 680

Delta R.T. 0.00 min

Lab File: BM020731.D

Acq: 05 Jun 2019 11:54

Instrument :

BNA_M

ClientSampled :

PB119779BL

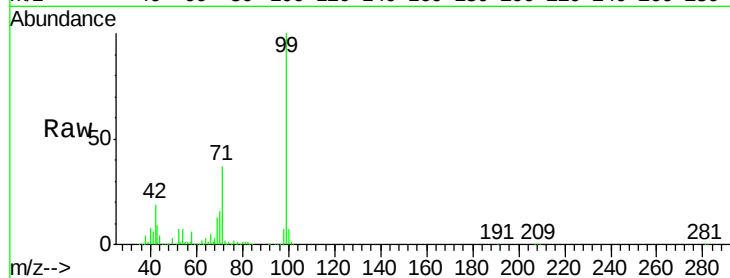
Tot Ion: 99 Resp: 3159597

Ion Ratio Lower Upper

99 100

42 18.6 14.8 22.2

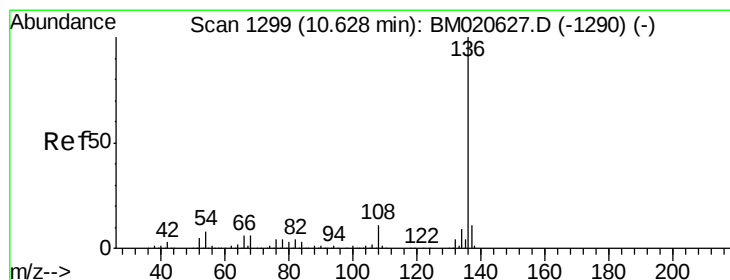
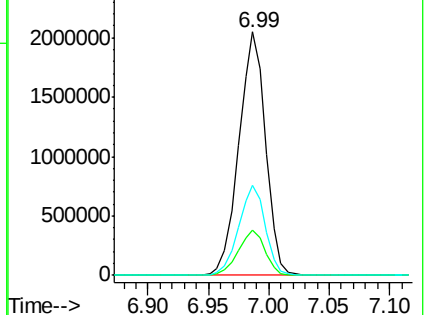
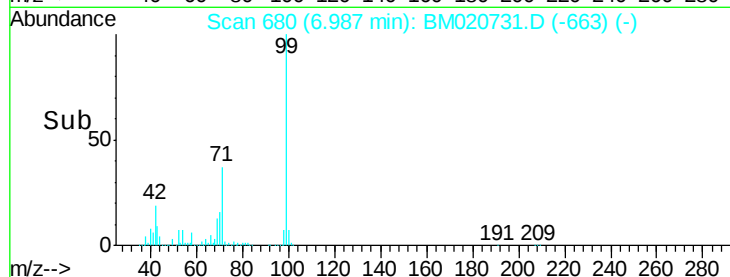
71 36.8 29.5 44.3



Abundance Ion 99.00 (98.70 to 99.70): BM020731.D (-663) (-)

Ion 42.00 (41.70 to 42.70): BM020731.D (-663) (-)

Ion 71.00 (70.70 to 71.70): BM020731.D (-663) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.61 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BM020731.D

Acq: 05 Jun 2019 11:54

Tgt Ion: 136 Resp: 1193344

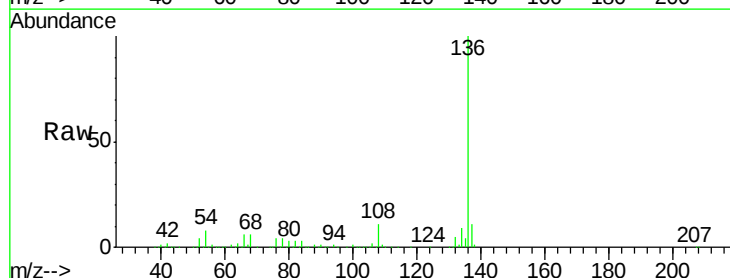
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.8 6.0 9.0

68 6.0 4.4 6.6

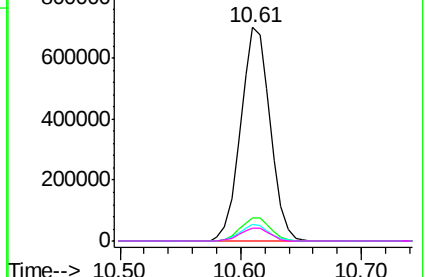
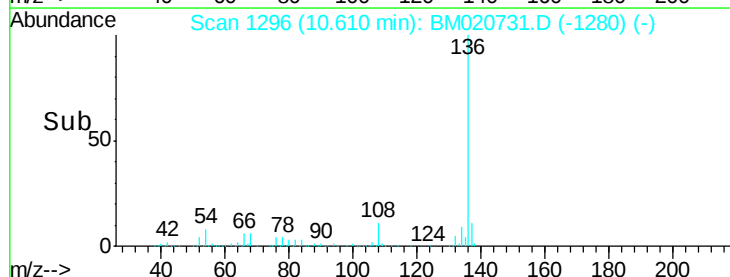


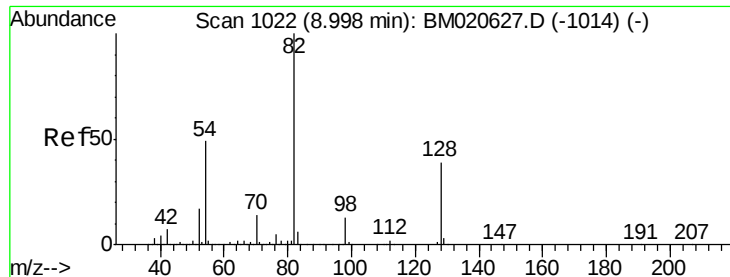
Abundance Ion 136.00 (135.70 to 136.70): BM020731.D (-1280) (-)

Ion 137.00 (136.70 to 137.70): BM020731.D (-1280) (-)

Ion 54.00 (53.70 to 54.70): BM020731.D (-1280) (-)

Ion 68.00 (67.70 to 68.70): BM020731.D (-1280) (-)

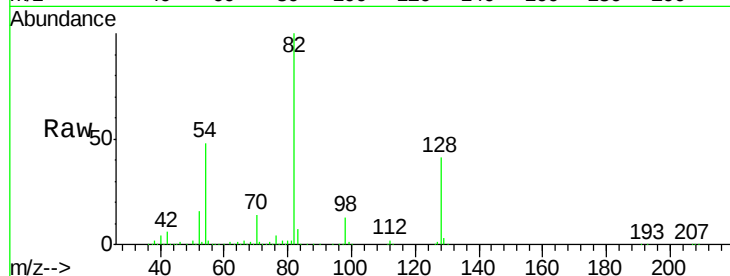




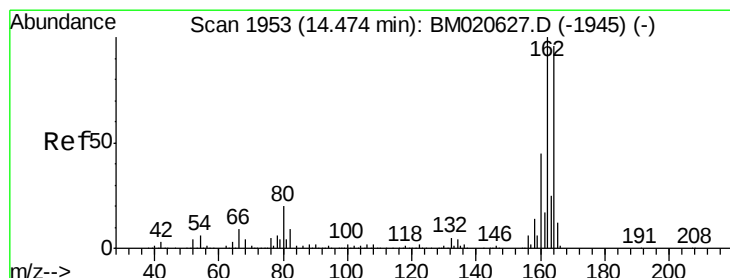
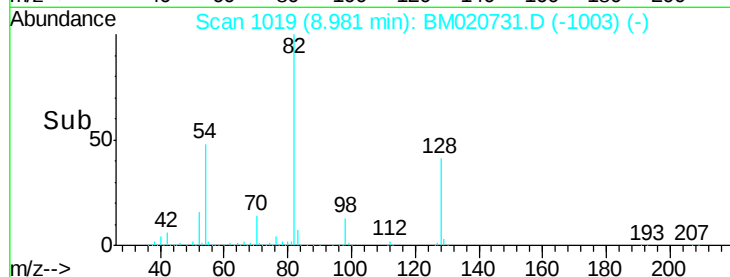
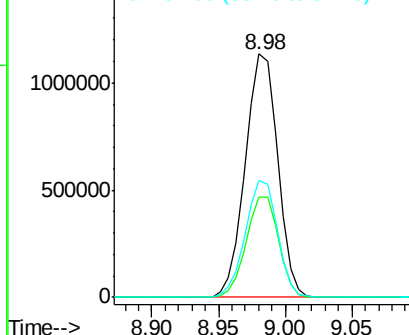
#23
Nitrobenzene-d5
Concen: 82.636 ng
RT: 8.98 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BM020731.D
Acq: 05 Jun 2019 11:54

Instrument :
BNA_M
ClientSampleId :
PB119779BL

Tot Ion: 82 Resp: 1903297
Ion Ratio Lower Upper
82 100
128 41.2 33.2 49.8
54 48.1 37.7 56.5

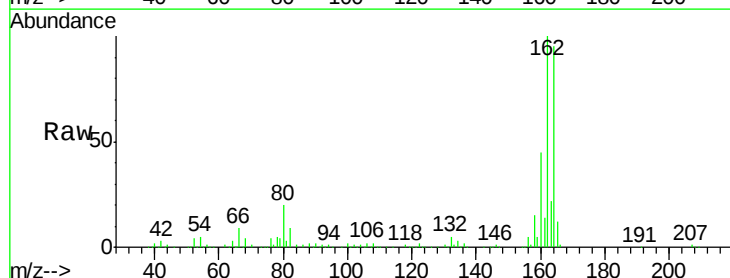


Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BM0

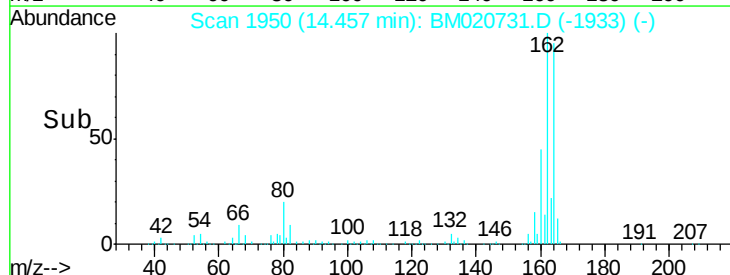
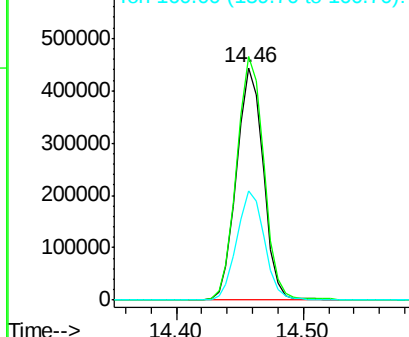


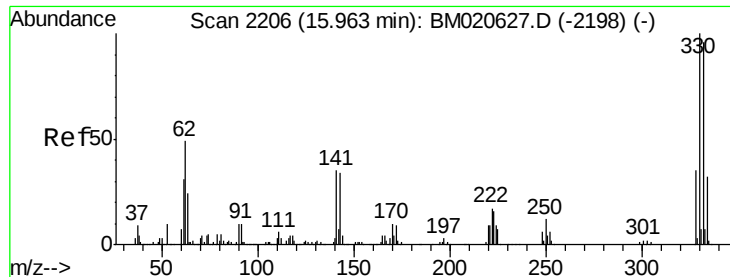
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BM020731.D
Acq: 05 Jun 2019 11:54

Tgt Ion:164 Resp: 646122
Ion Ratio Lower Upper
164 100
162 104.8 83.5 125.3
160 46.9 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: 128.555 ng

RT: 15.94 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BM020731.D

Acq: 05 Jun 2019 11:54

Instrument :

BNA_M

ClientSampleId :

PB119779BL

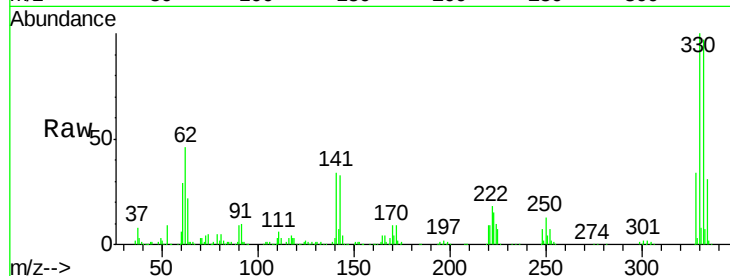
Tot Ion:330 Resp: 1029137

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.4

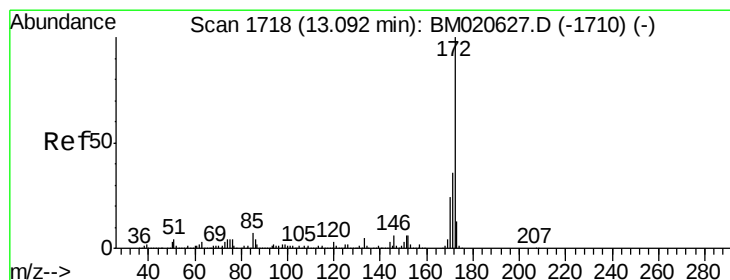
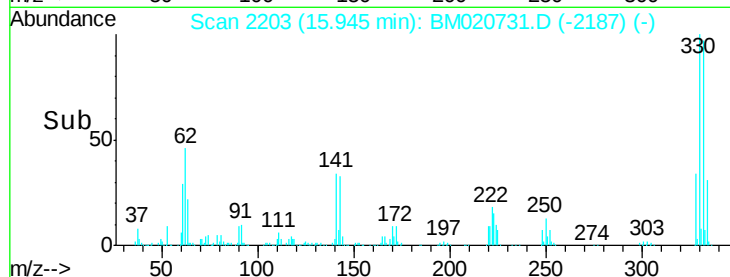
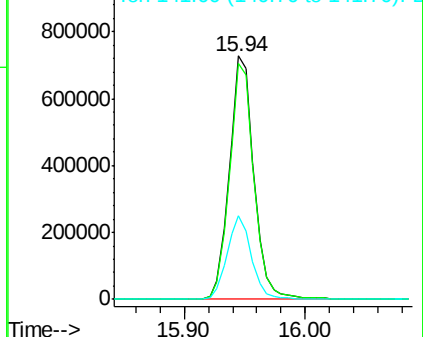
141 34.1 27.7 41.5



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: 89.343 ng

RT: 13.08 min Scan# 1716

Delta R.T. 0.00 min

Lab File: BM020731.D

Acq: 05 Jun 2019 11:54

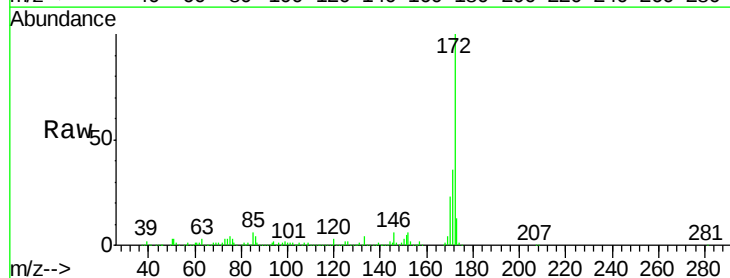
Tgt Ion:172 Resp: 4342117

Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

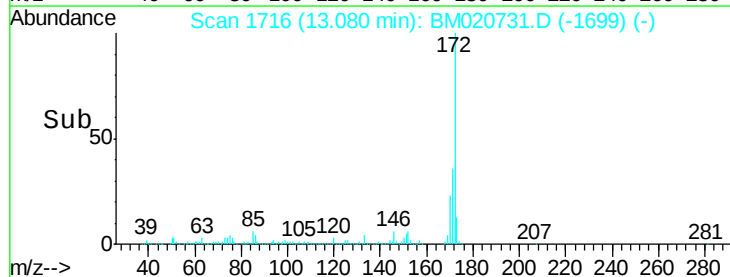
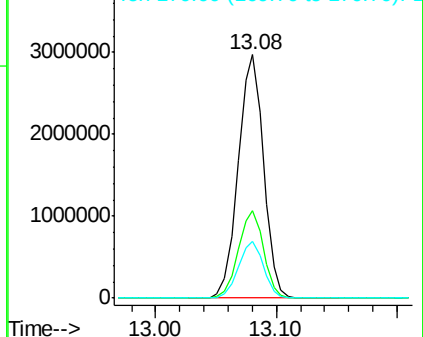
170 23.3 18.5 27.7

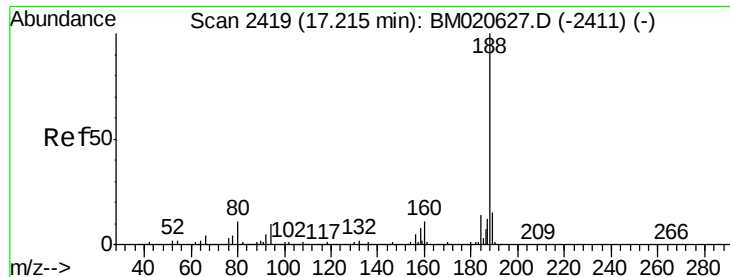


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

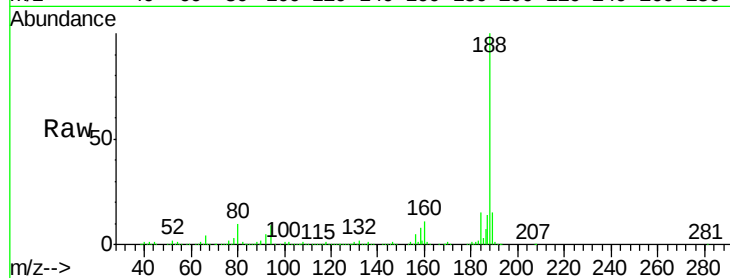




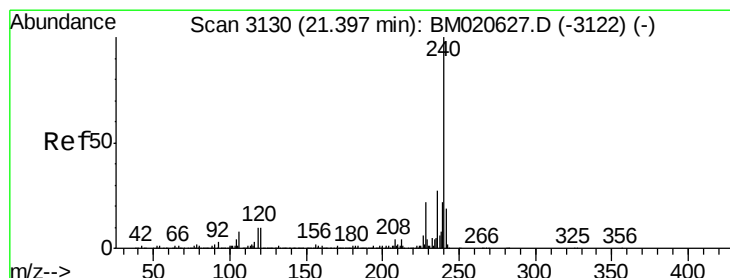
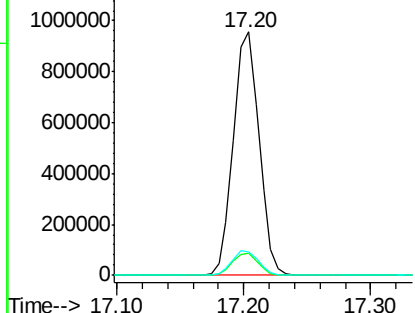
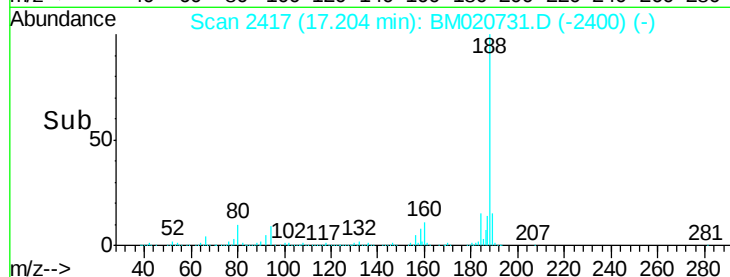
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BM020731.D
Acq: 05 Jun 2019 11:54

Instrument :
BNA_M
ClientSampleId :
PB119779BL

Tot Ion:188 Resp: 1345342
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.4
80 9.6 7.8 11.8

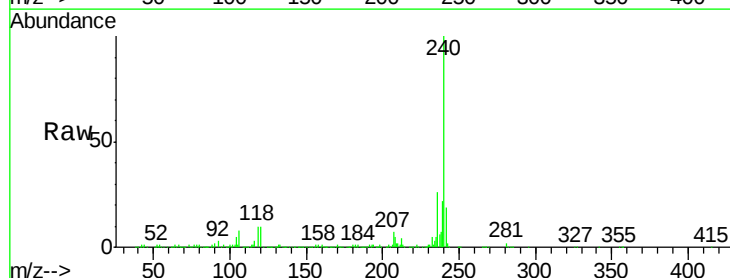


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

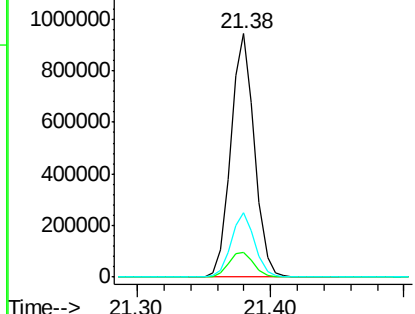
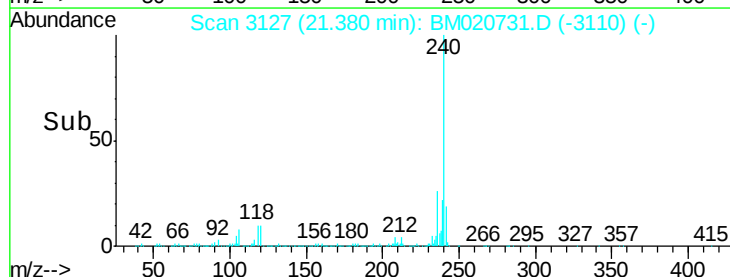


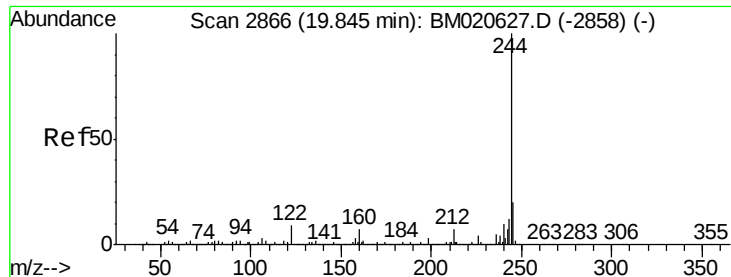
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.38 min Scan# 3127
Delta R.T. 0.00 min
Lab File: BM020731.D
Acq: 05 Jun 2019 11:54

Tgt Ion:240 Resp: 1165348
Ion Ratio Lower Upper
240 100
120 10.3 8.4 12.6
236 26.5 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: 78.198 ng

RT: 19.83 min Scan# 2863

Delta R.T. 0.00 min

Lab File: BM020731.D

Acq: 05 Jun 2019 11:54

Instrument :

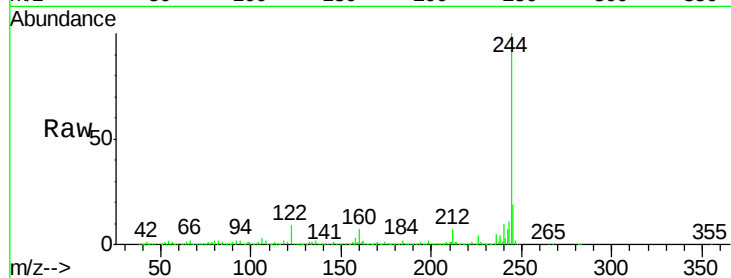
BNA_M

ClientSampleId :

PB119779BL

Tot Ion:244 Resp: 5448088

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	9.2	7.4	11.0

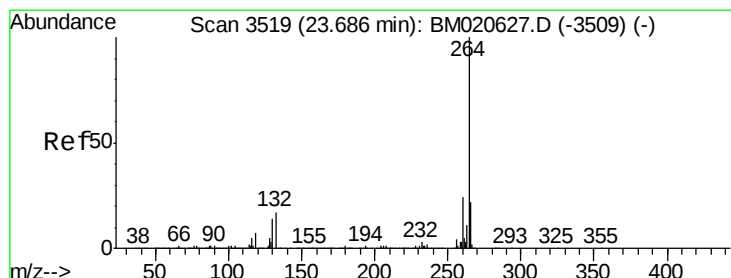
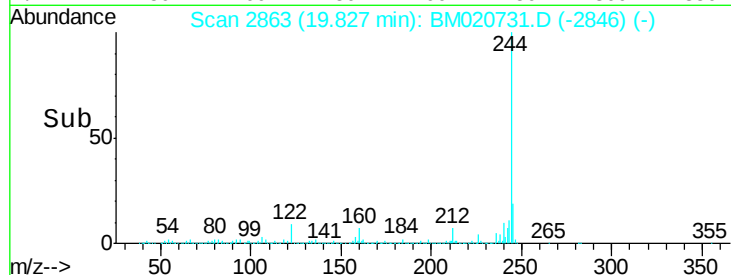
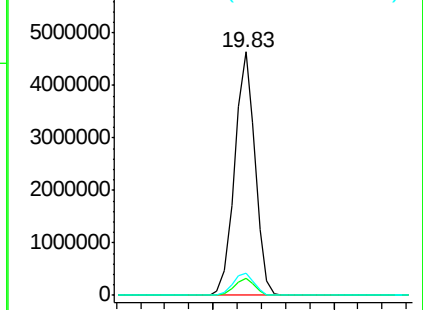


Abundance

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: 23.67 min Scan# 3516

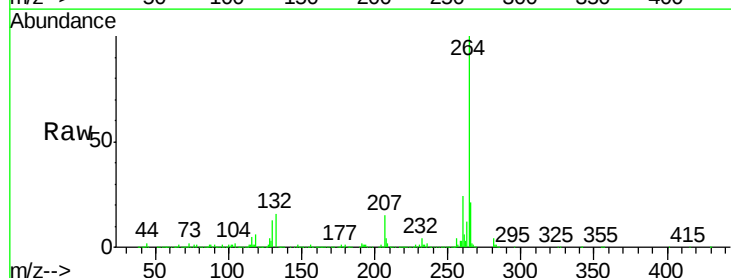
Delta R.T. 0.00 min

Lab File: BM020731.D

Acq: 05 Jun 2019 11:54

Tgt Ion:264 Resp: 1367188

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	21.5	17.4	26.0



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

