

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
 Data File : BM020744.D
 Acq On : 05 Jun 2019 19:47
 Operator : HP/JU
 Sample : PB120342TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120342TB

Quant Time: Jun 06 02:18:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 15:48:49 2019
 Response via : Initial Calibration

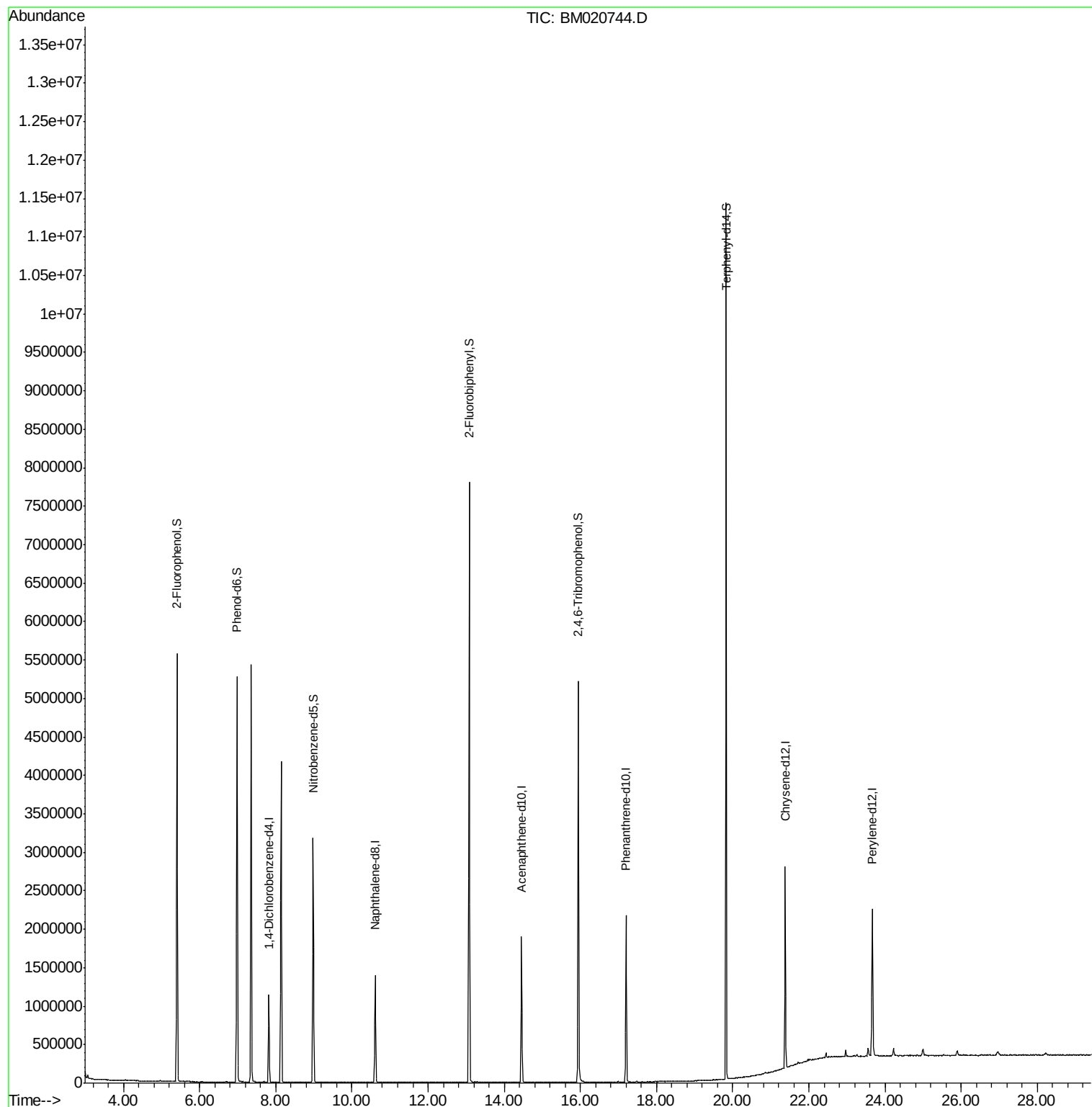
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	297799	20.00	ng	-0.01
21) Naphthalene-d8	10.61	136	1138742	20.00	ng	-0.02
39) Acenaphthene-d10	14.46	164	606465	20.00	ng	-0.02
64) Phenanthrene-d10	17.20	188	1251462	20.00	ng	-0.02
76) Chrysene-d12	21.38	240	1105039	20.00	ng	-0.02
87) Perylene-d12	23.67	264	1318952	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	2186109	129.13	ng	-0.01
7) Phenol-d6	6.99	99	2947114	118.23	ng	0.00
23) Nitrobenzene-d5	8.98	82	1782162	81.09	ng	-0.02
42) 2,4,6-Tribromophenol	15.94	330	950449	126.49	ng	-0.02
45) 2-Fluorobiphenyl	13.08	172	3997544	87.63	ng	-0.01
79) Terphenyl-d14	19.83	244	4998150	75.65	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.98	77	5891	Below Cal	Qvalue #	6

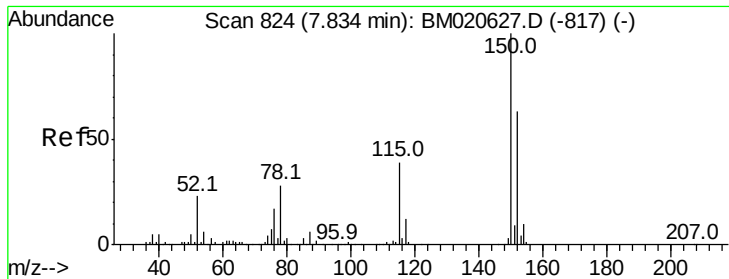
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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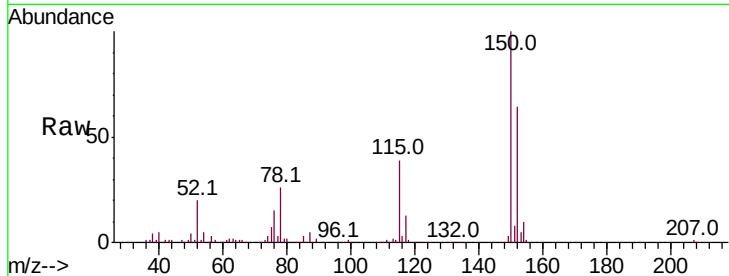


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM020744.D
Acq: 05 Jun 2019 19:47

Instrument :
BNA_M
ClientSampleId :
PB120342TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.0	189.0
115	60.7	49.6	74.4

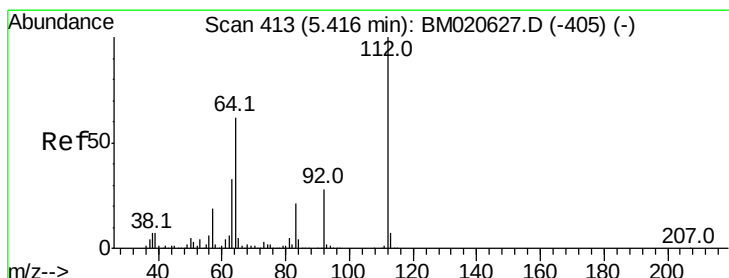
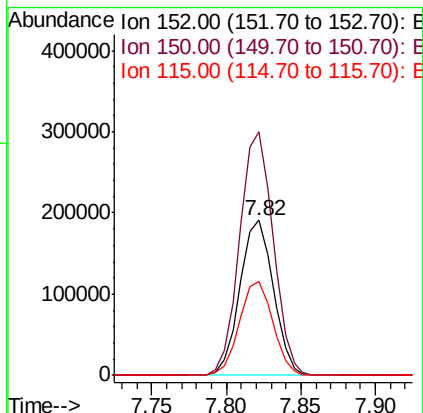
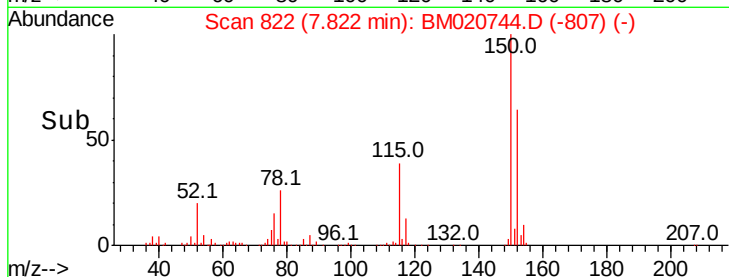


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

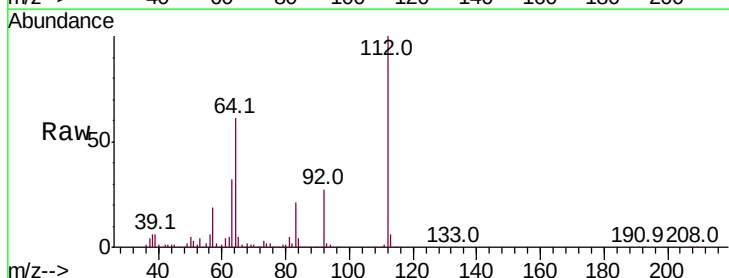
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 129.131 ng
RT: 5.40 min Scan# 411
Delta R.T. -0.01 min
Lab File: BM020744.D
Acq: 05 Jun 2019 19:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.1	49.7	74.5
63	31.6	26.4	39.6

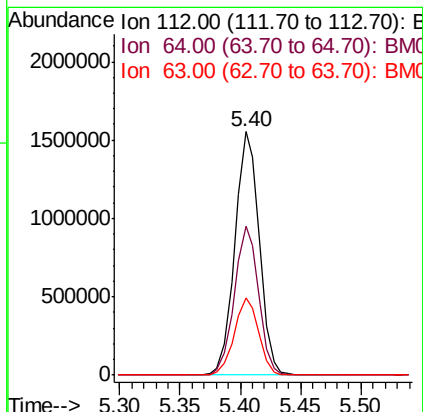
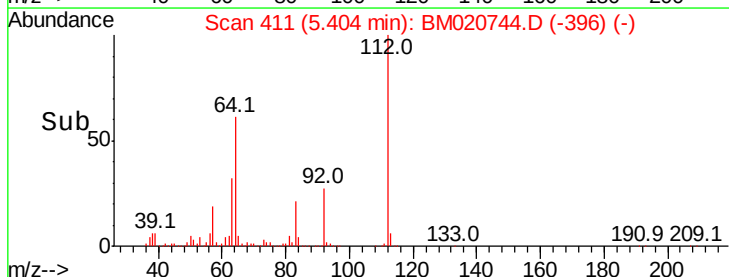


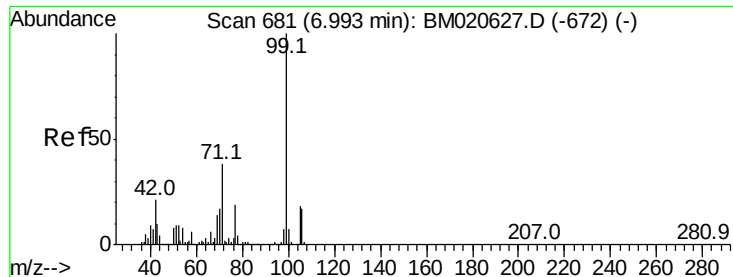
Abundance

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: 118.226 ng

RT: 6.99 min Scan# 680

Delta R.T. -0.01 min

Lab File: BM020744.D

Acq: 05 Jun 2019 19:47

Instrument :

BNA_M

ClientSampleId :

PB120342TB

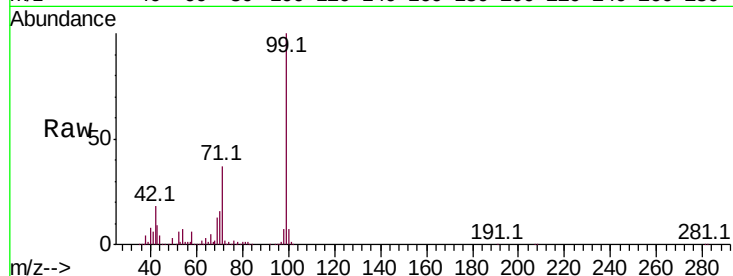
Tot Ion: 99 Resp: 2947114

Ion Ratio Lower Upper

99 100

42 18.3 16.5 24.7

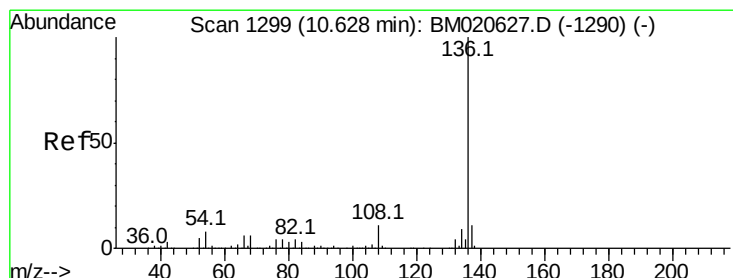
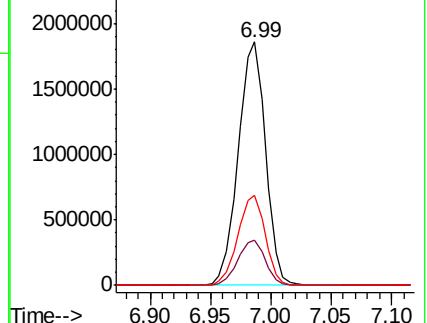
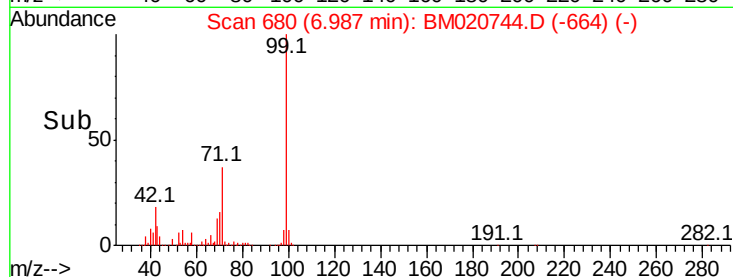
71 36.9 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BM020627.D (-672) (-)

Ion 42.00 (41.70 to 42.70): BM020627.D (-672) (-)

Ion 71.00 (70.70 to 71.70): BM020627.D (-672) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.61 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BM020744.D

Acq: 05 Jun 2019 19:47

Tgt Ion: 136 Resp: 1138742

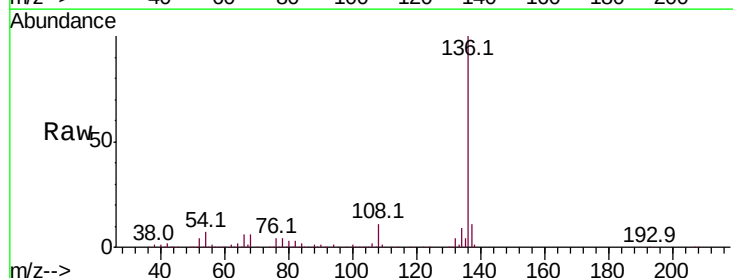
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 7.4 6.6 10.0

68 6.0 5.1 7.7

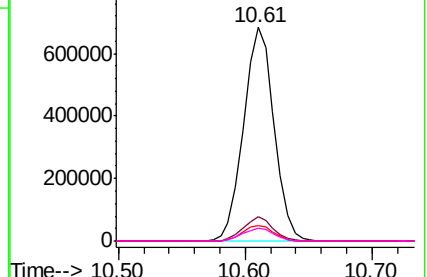
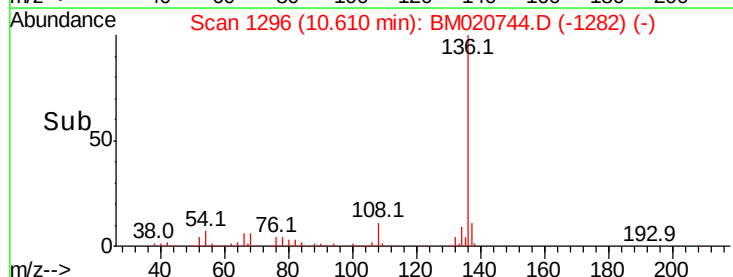


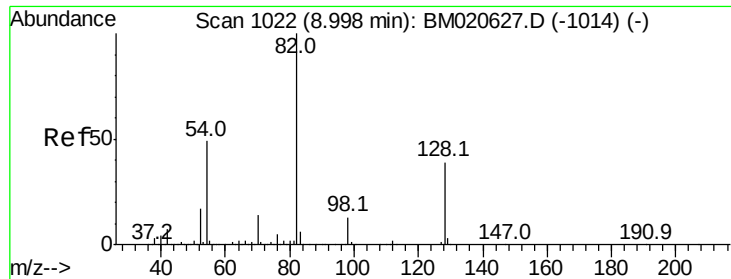
Abundance Ion 136.00 (135.70 to 136.70): BM020627.D (-1290) (-)

Ion 137.00 (136.70 to 137.70): BM020627.D (-1290) (-)

Ion 54.00 (53.70 to 54.70): BM020627.D (-1290) (-)

Ion 68.00 (67.70 to 68.70): BM020627.D (-1290) (-)



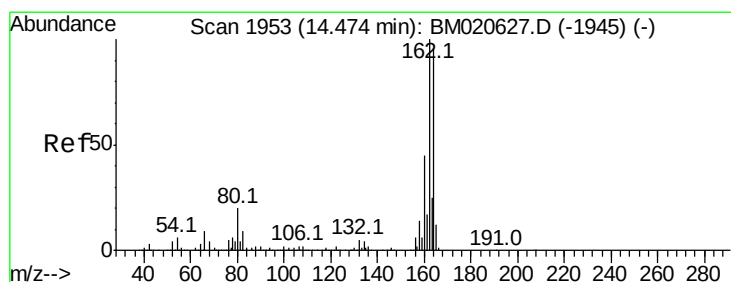
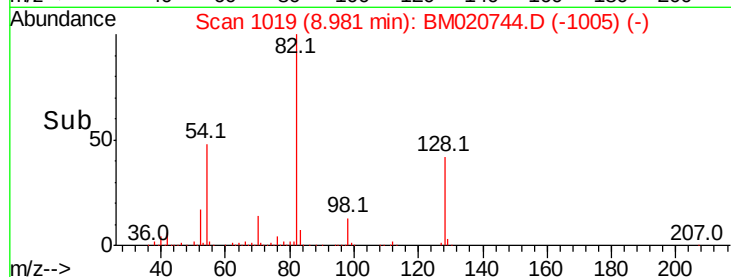
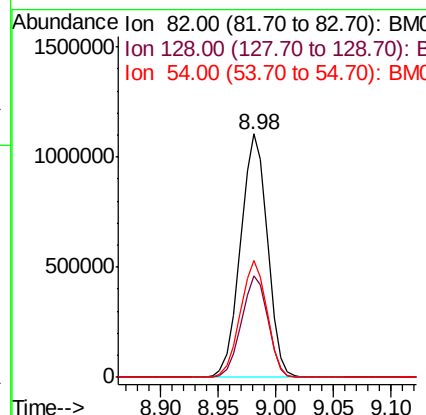
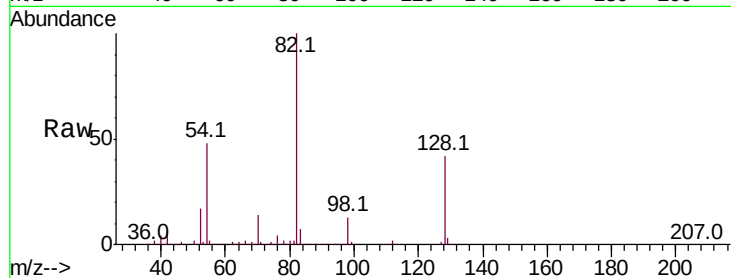


#23
Nitrobenzene-d5
Concen: 81.087 ng
RT: 8.98 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BM020744.D
Acq: 05 Jun 2019 19:47

Instrument :
BNA_M
ClientSampleId :
PB120342TB

Tot Ion: 82 Resp: 1782162

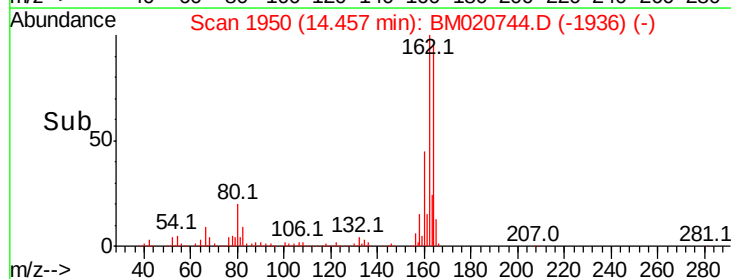
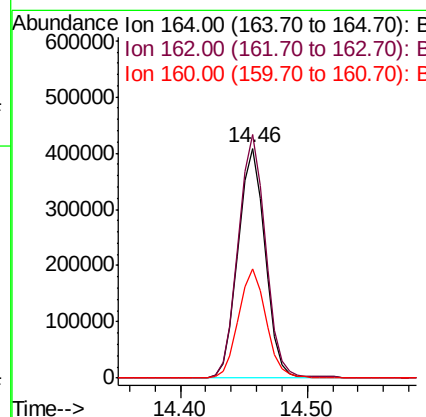
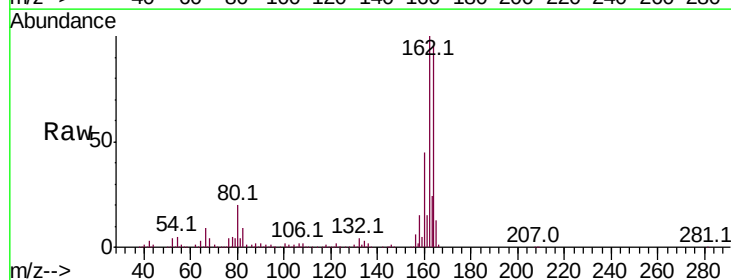
Ion	Ratio	Lower	Upper
82	100		
128	41.6	31.5	47.3
54	48.3	39.4	59.0

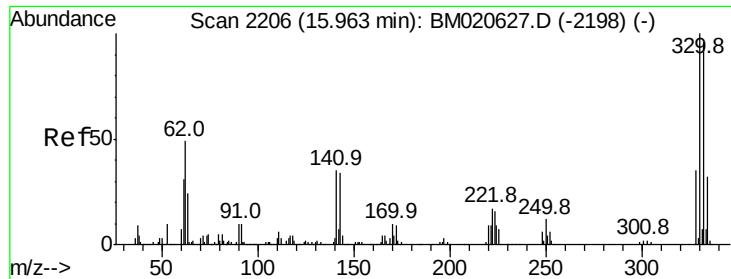


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.02 min
Lab File: BM020744.D
Acq: 05 Jun 2019 19:47

Tgt Ion:164 Resp: 606465

Ion	Ratio	Lower	Upper
164	100		
162	105.8	83.2	124.8
160	47.6	37.5	56.3





#42

2,4,6-Tribromophenol

Concen: 126.490 ng

RT: 15.94 min Scan# 2203

Delta R.T. -0.02 min

Lab File: BM020744.D

Acq: 05 Jun 2019 19:47

Instrument :

BNA_M

ClientSampleId :

PB120342TB

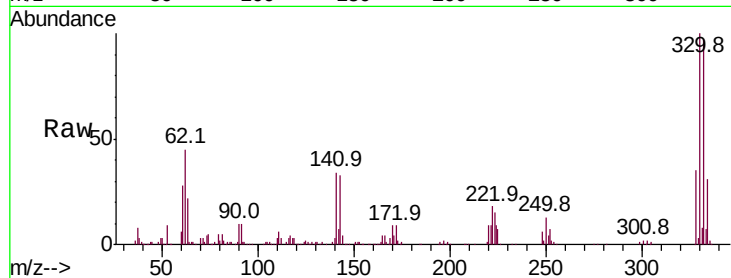
Tot Ion:330 Resp: 950449

Ion Ratio Lower Upper

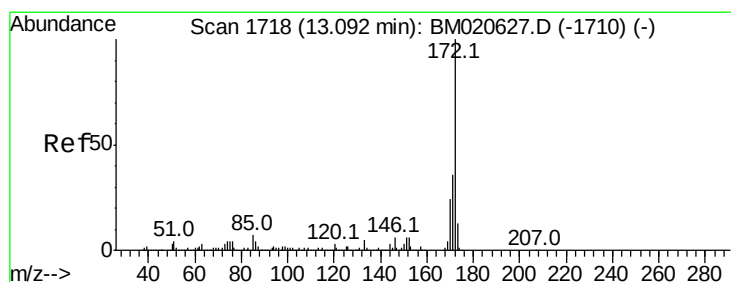
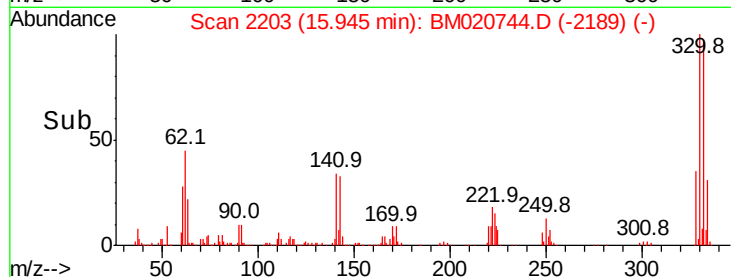
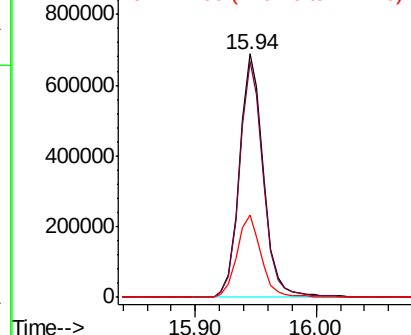
330 100

332 96.5 77.4 116.0

141 34.4 30.4 45.6



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: 87.631 ng

RT: 13.08 min Scan# 1716

Delta R.T. -0.01 min

Lab File: BM020744.D

Acq: 05 Jun 2019 19:47

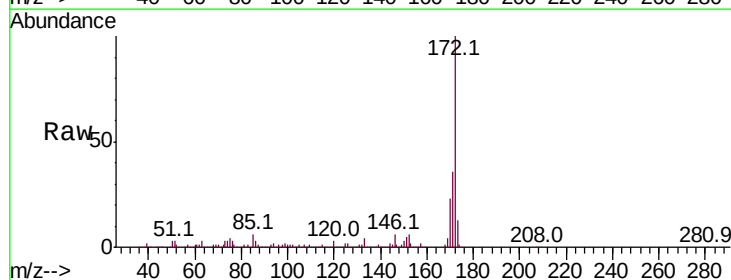
Tgt Ion:172 Resp: 3997544

Ion Ratio Lower Upper

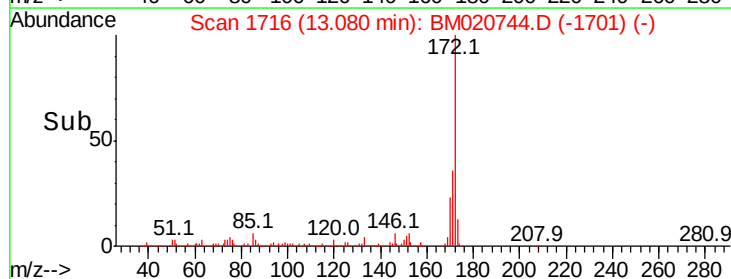
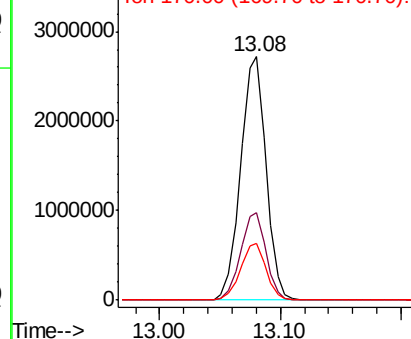
172 100

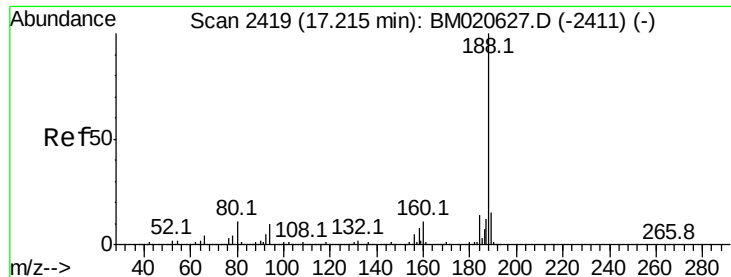
171 35.9 28.6 43.0

170 23.5 18.9 28.3



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# 2416

Delta R.T. -0.02 min

Lab File: BM020744.D

Acq: 05 Jun 2019 19:47

Instrument :

BNA_M

ClientSampleId :

PB120342TB

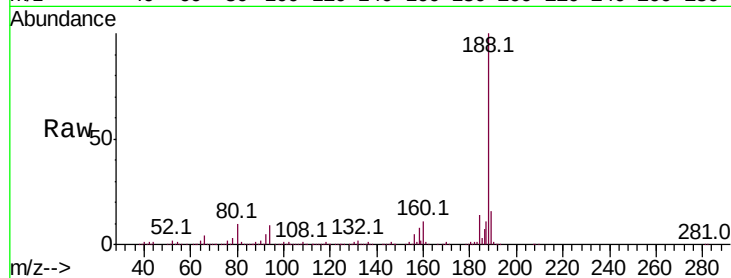
Tot Ion:188 Resp: 1251462

Ion Ratio Lower Upper

188 100

94 8.6 7.8 11.8

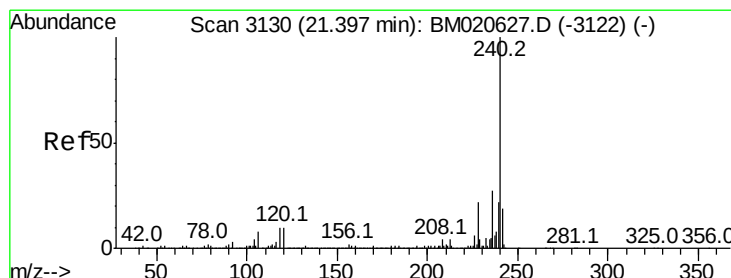
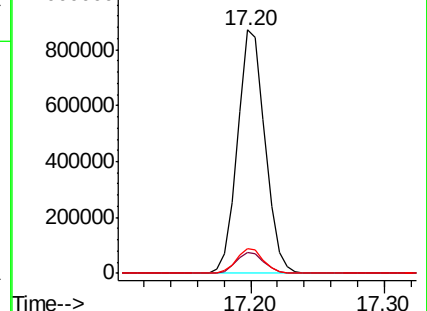
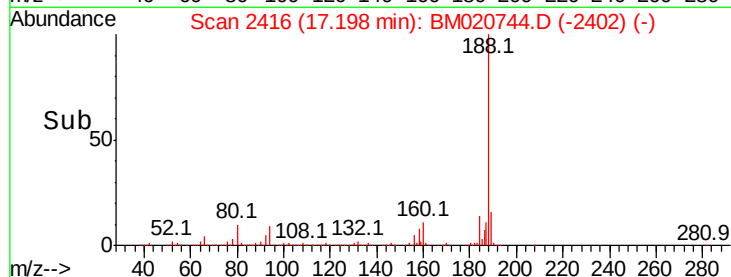
80 10.3 9.0 13.6



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. -0.02 min

Lab File: BM020744.D

Acq: 05 Jun 2019 19:47

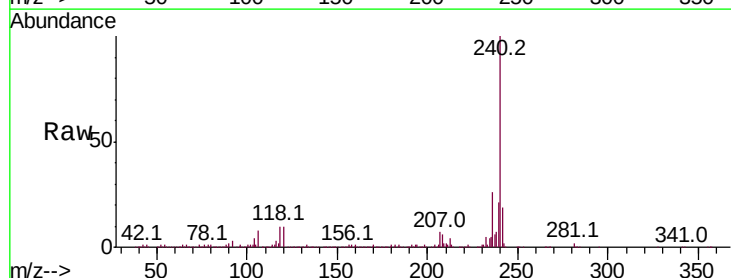
Tgt Ion:240 Resp: 1105039

Ion Ratio Lower Upper

240 100

120 10.1 8.2 12.2

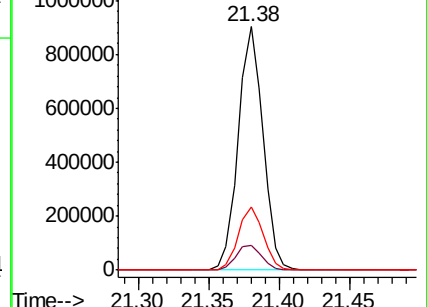
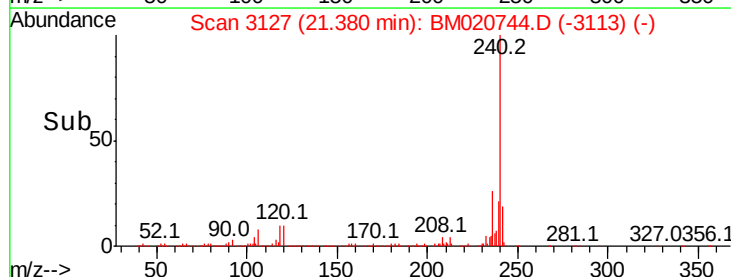
236 26.1 21.2 31.8

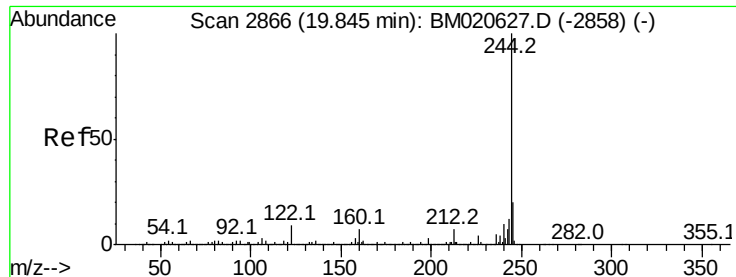


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

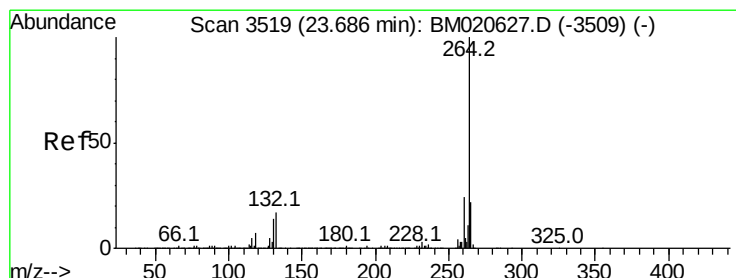
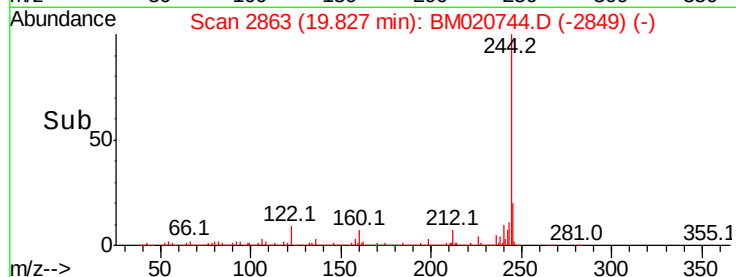
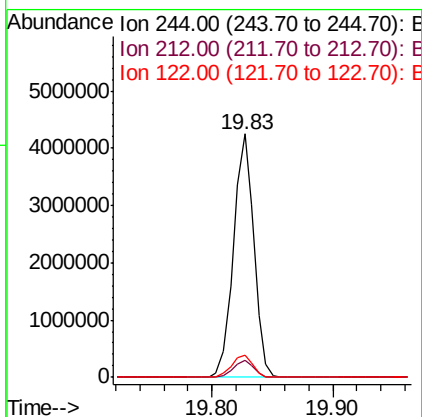
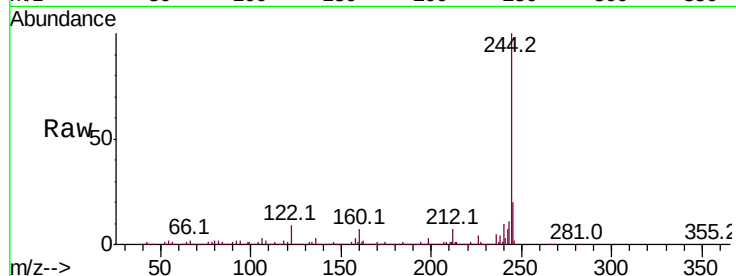




#79
 Terphenyl-d14
 Concen: 75.655 ng
 RT: 19.83 min Scan# 2863
 Delta R.T. -0.02 min
 Lab File: BM020744.D
 Acq: 05 Jun 2019 19:47

Instrument :
 BNA_M
 ClientSampled :
 PB120342TB

Tot Ion:244 Resp: 4998150
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 9.2 7.2 10.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.67 min Scan# 3516
 Delta R.T. -0.02 min
 Lab File: BM020744.D
 Acq: 05 Jun 2019 19:47

Tgt Ion:264 Resp: 1318952
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.2 17.6 26.4

