

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
 Data File : BM020743.D
 Acq On : 05 Jun 2019 19:10
 Operator : HP/JU
 Sample : PB120342BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120342BL

Quant Time: Jun 06 02:18:14 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

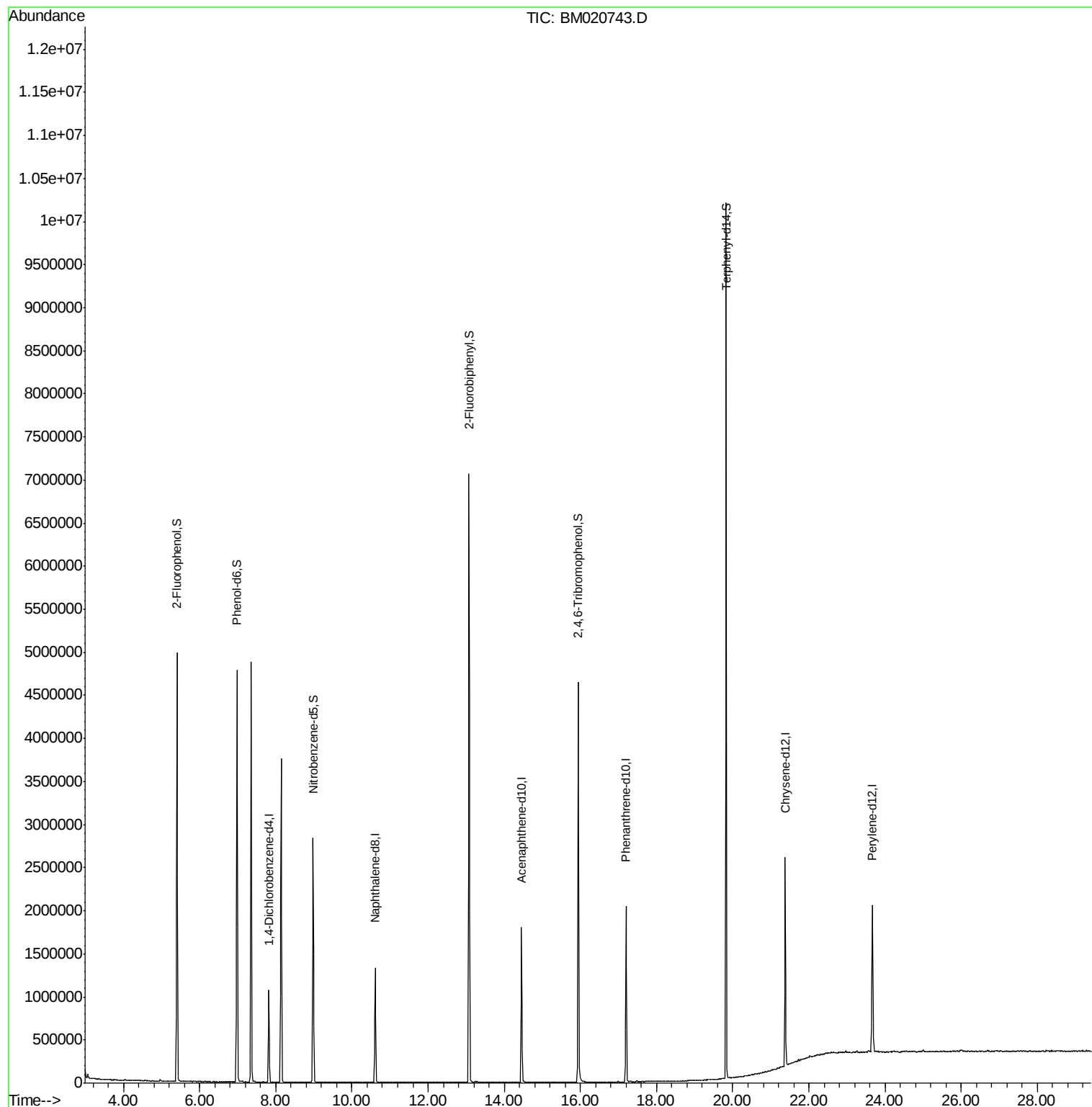
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	278416	20.00	ng	-0.01
21) Naphthalene-d8	10.61	136	1074069	20.00	ng	-0.02
39) Acenaphthene-d10	14.46	164	575169	20.00	ng	-0.02
64) Phenanthrene-d10	17.20	188	1193387	20.00	ng	-0.02
76) Chrysene-d12	21.38	240	1043767	20.00	ng	-0.02
87) Perylene-d12	23.67	264	1224315	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1967686	124.32	ng	-0.01
7) Phenol-d6	6.99	99	2653226	113.85	ng	0.00
23) Nitrobenzene-d5	8.98	82	1608044	77.57	ng	-0.02
42) 2,4,6-Tribromophenol	15.95	330	874709	122.74	ng	-0.02
45) 2-Fluorobiphenyl	13.07	172	3673793	84.92	ng	-0.02
79) Terphenyl-d14	19.83	244	4526766	72.54	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.99	77	5961	Below Cal	Qvalue #	6

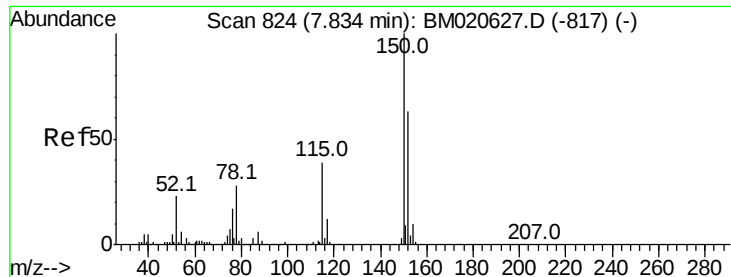
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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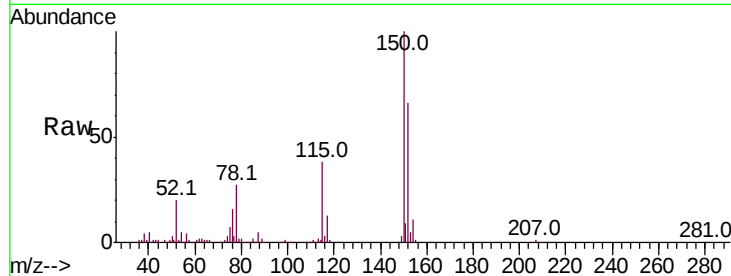


#1

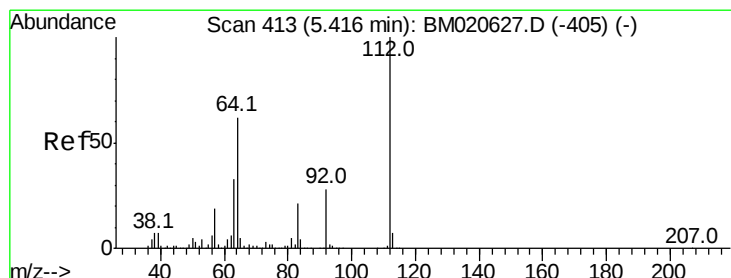
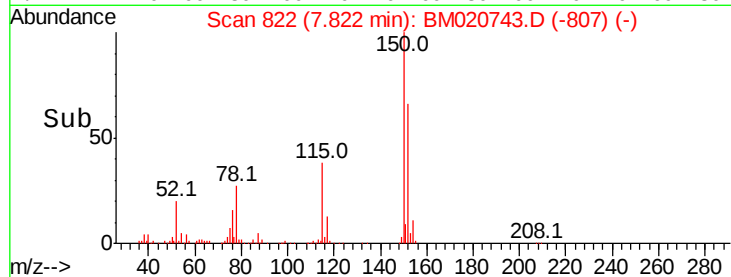
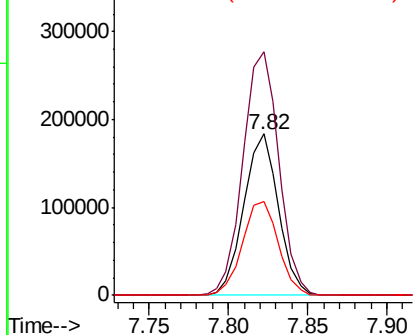
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM020743.D
Acq: 05 Jun 2019 19:10

Instrument :
BNA_M
ClientSampleId :
PB120342BL

Tot Ion:152 Resp: 278416
Ion Ratio Lower Upper
152 100
150 150.7 126.0 189.0
115 58.0 49.6 74.4



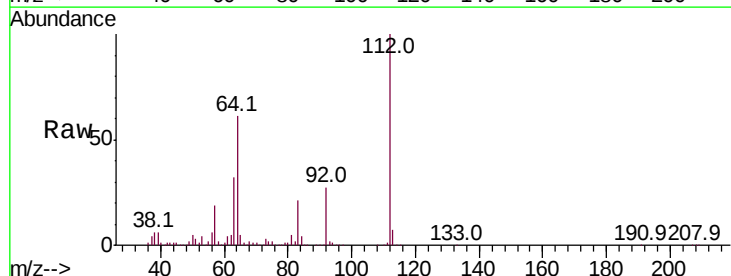
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



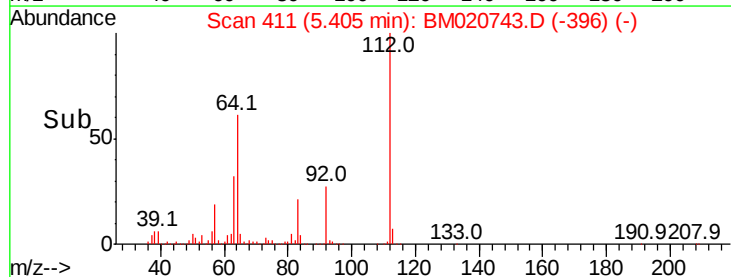
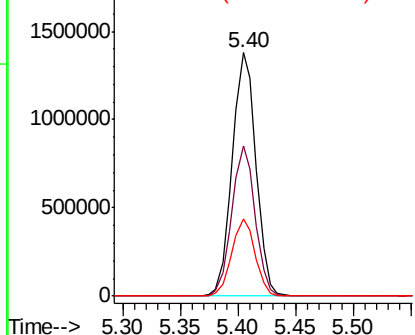
#5

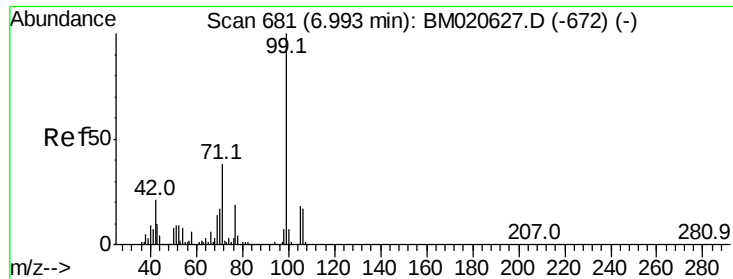
2-Fluorophenol
Concen: 124.321 ng
RT: 5.40 min Scan# 411
Delta R.T. -0.01 min
Lab File: BM020743.D
Acq: 05 Jun 2019 19:10

Tgt Ion:112 Resp: 1967686
Ion Ratio Lower Upper
112 100
64 61.4 49.7 74.5
63 31.8 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: 113.846 ng

RT: 6.99 min Scan# 680

Delta R.T. -0.01 min

Lab File: BM020743.D

Acq: 05 Jun 2019 19:10

Instrument :

BNA_M

ClientSampleId :

PB120342BL

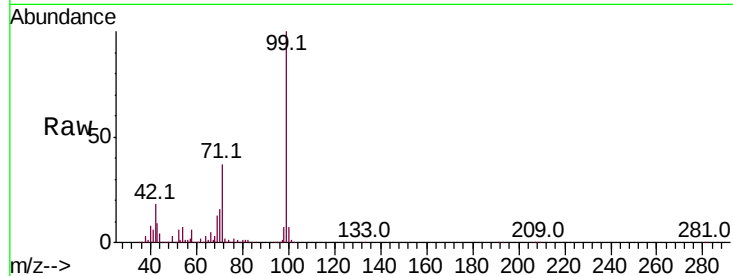
Tot Ion: 99 Resp: 2653226

Ion Ratio Lower Upper

99 100

42 18.2 16.5 24.7

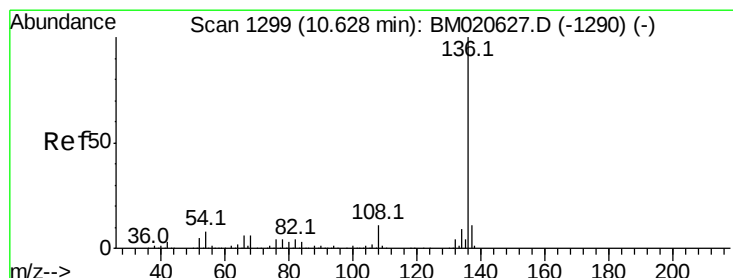
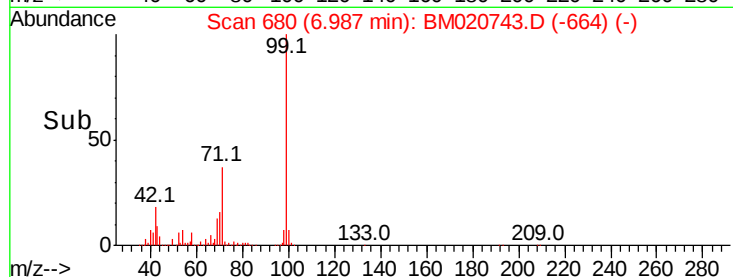
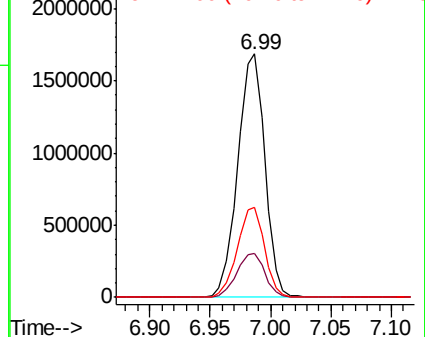
71 37.0 30.7 46.1



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: BM020743.D

Acq: 05 Jun 2019 19:10

Tgt Ion: 136 Resp: 1074069

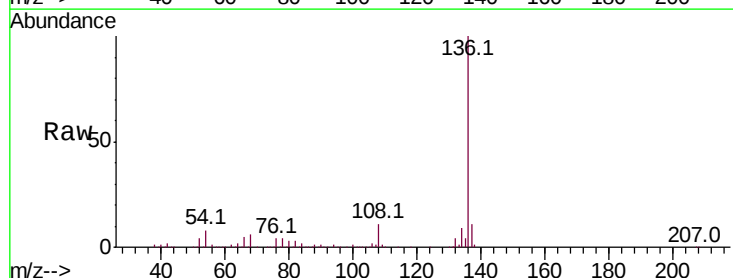
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.6 6.6 10.0

68 5.9 5.1 7.7

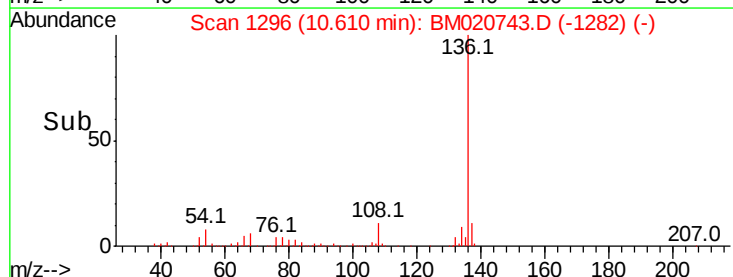
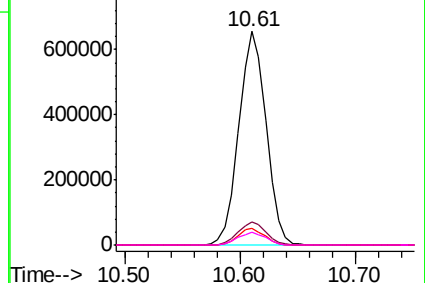


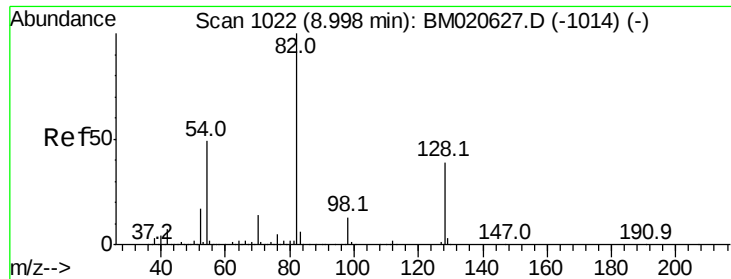
Abundance Ion 136.00 (135.70 to 136.70): BM020627.D (-1290) (-)

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) (-)



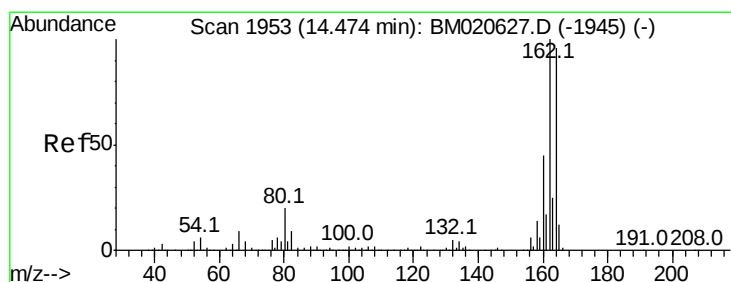
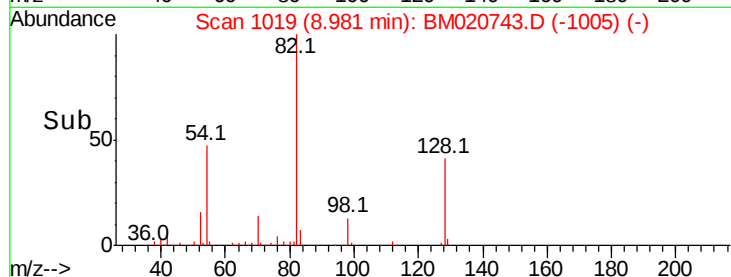
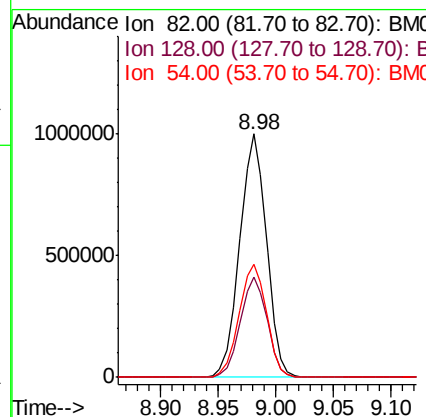
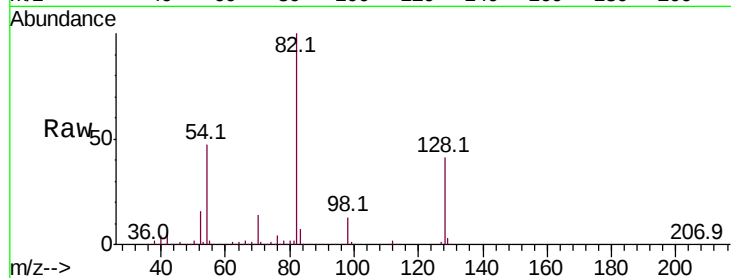


#23
 Nitrobenzene-d5
 Concen: 77.570 ng
 RT: 8.98 min Scan# 1019
 Delta R.T. -0.02 min
 Lab File: BM020743.D
 Acq: 05 Jun 2019 19:10

Instrument :
 BNA_M
 ClientSampleId :
 PB120342BL

Tot Ion: 82 Resp: 1608044

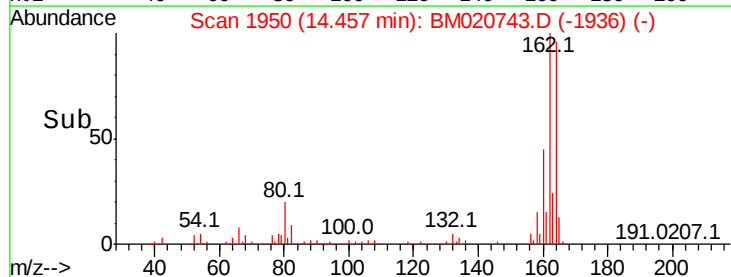
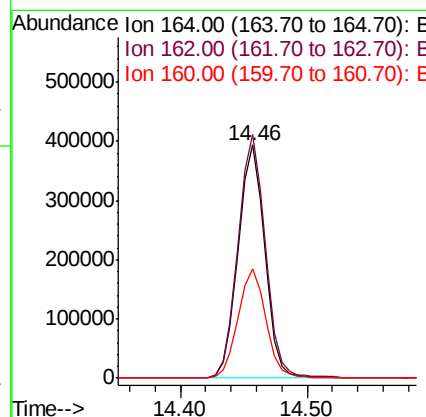
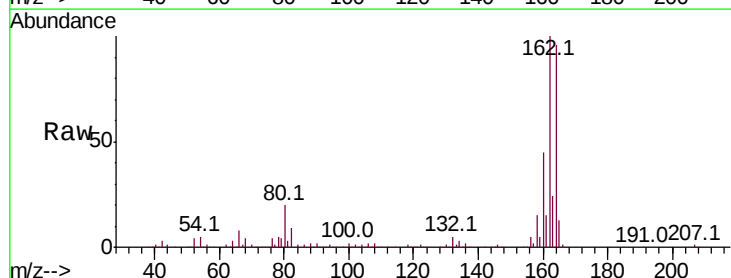
Ion	Ratio	Lower	Upper
82	100		
128	41.2	31.5	47.3
54	46.5	39.4	59.0

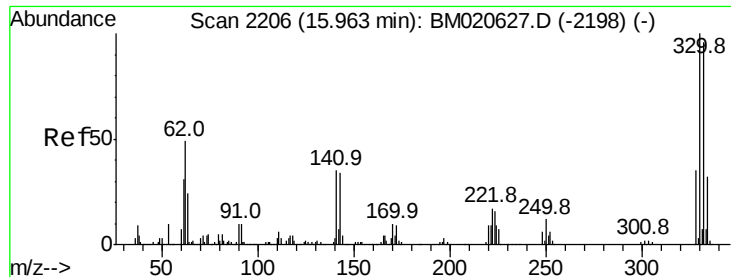


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1950
 Delta R.T. -0.02 min
 Lab File: BM020743.D
 Acq: 05 Jun 2019 19:10

Tgt Ion:164 Resp: 575169

Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.2	124.8
160	46.8	37.5	56.3





#42

2,4,6-Tribromophenol

Concen: 122.744 ng

RT: 15.95 min Scan# 2203

Delta R.T. -0.02 min

Lab File: BM020743.D

Acq: 05 Jun 2019 19:10

Instrument :

BNA_M

ClientSampleId :

PB120342BL

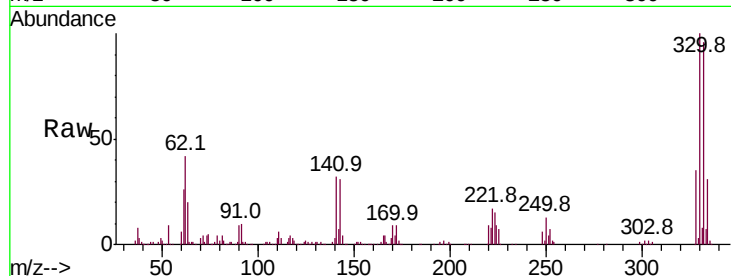
Tot Ion:330 Resp: 874709

Ion Ratio Lower Upper

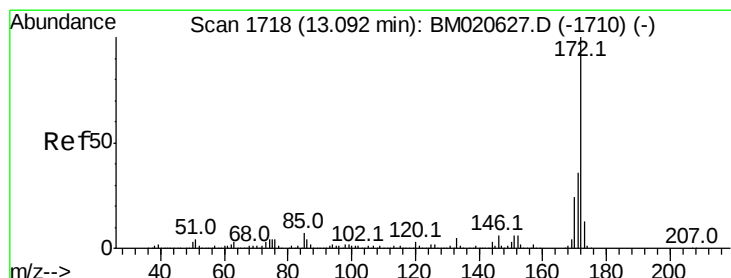
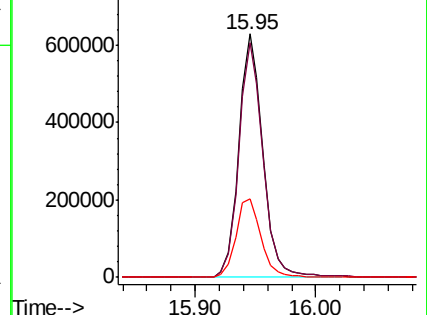
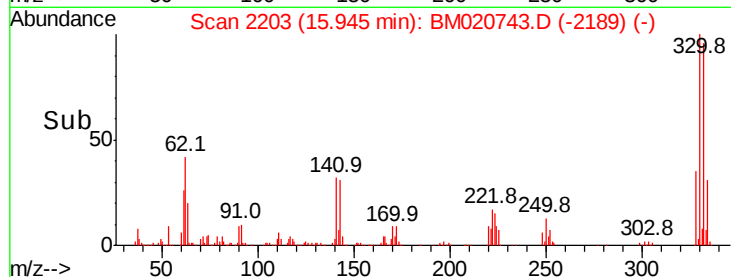
330 100

332 96.4 77.4 116.0

141 33.9 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: 84.916 ng

RT: 13.07 min Scan# 1715

Delta R.T. -0.02 min

Lab File: BM020743.D

Acq: 05 Jun 2019 19:10

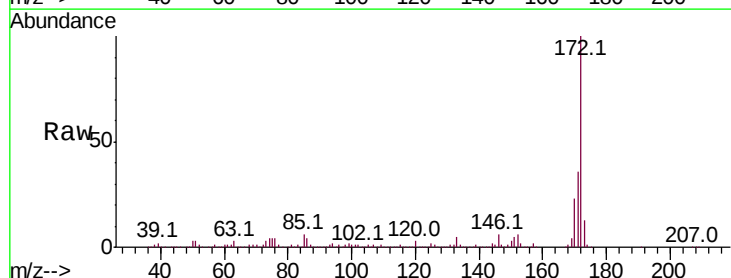
Tgt Ion:172 Resp: 3673793

Ion Ratio Lower Upper

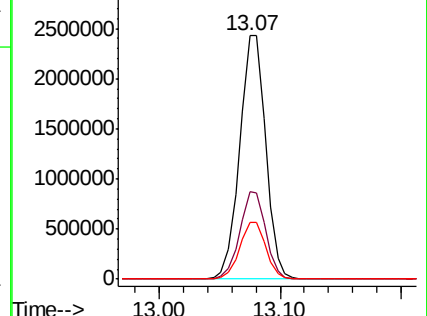
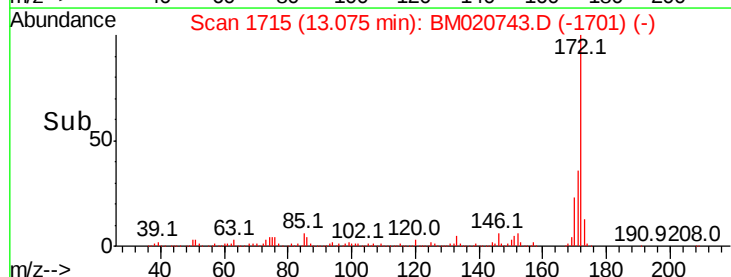
172 100

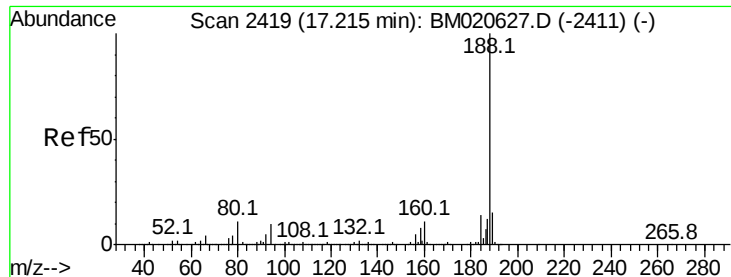
171 35.8 28.6 43.0

170 23.1 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: BM020743.D

Acq: 05 Jun 2019 19:10

Instrument :

BNA_M

ClientSampleId :

PB120342BL

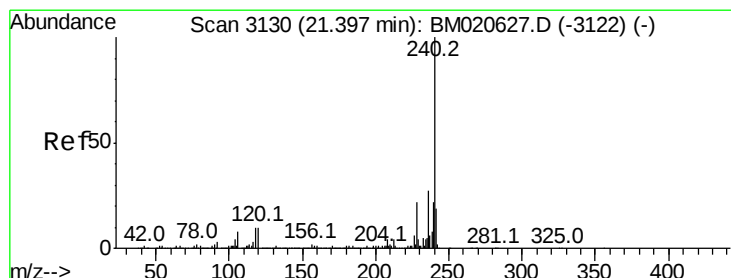
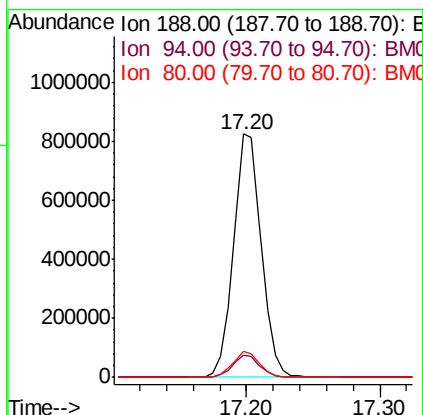
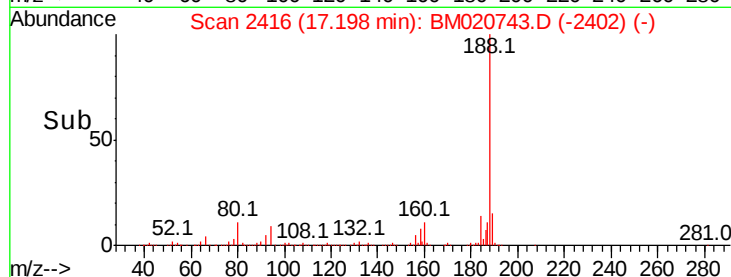
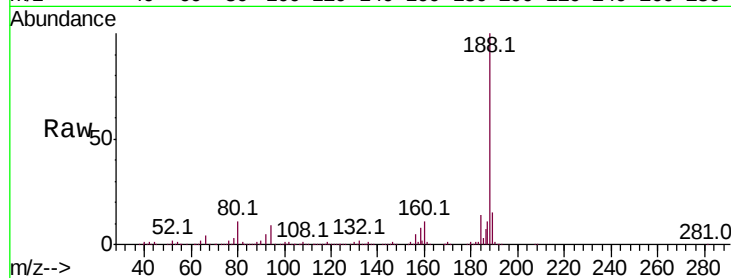
Tot Ion:188 Resp: 1193387

Ion Ratio Lower Upper

188 100

94 9.1 7.8 11.8

80 10.5 9.0 13.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.38 min Scan# 3127

Delta R.T. -0.02 min

Lab File: BM020743.D

Acq: 05 Jun 2019 19:10

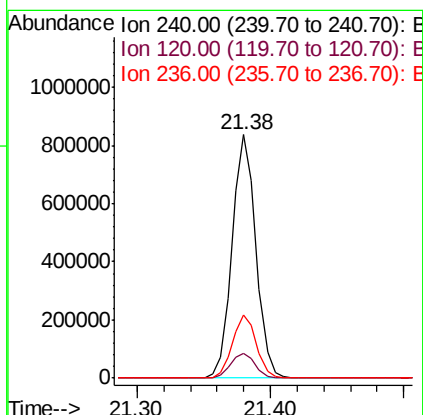
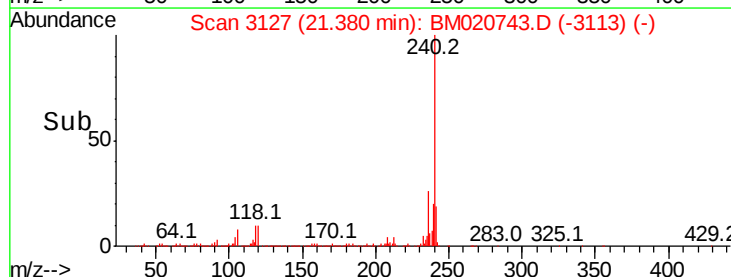
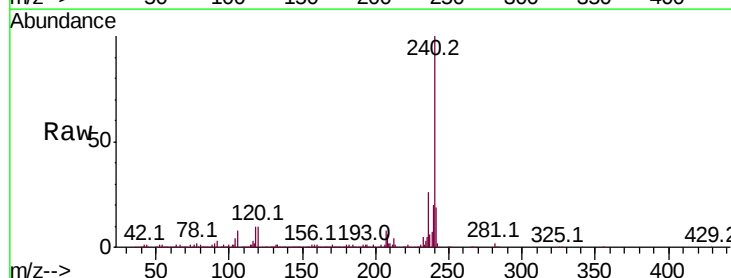
Tgt Ion:240 Resp: 1043767

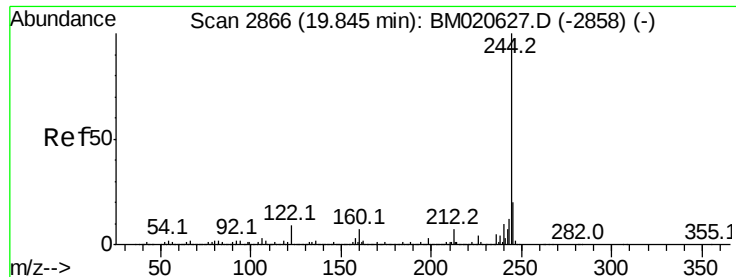
Ion Ratio Lower Upper

240 100

120 10.3 8.2 12.2

236 26.1 21.2 31.8

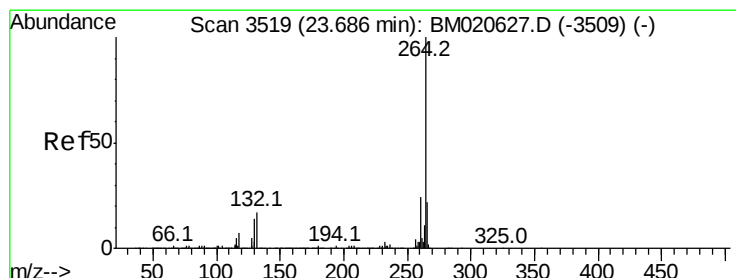
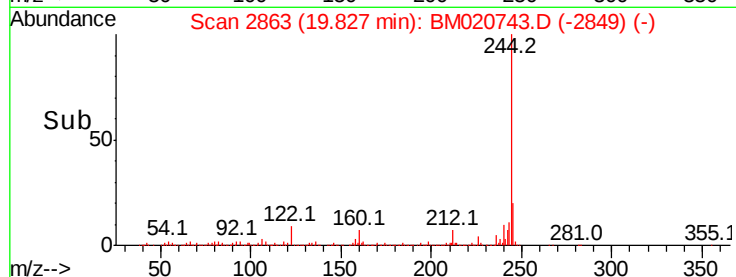
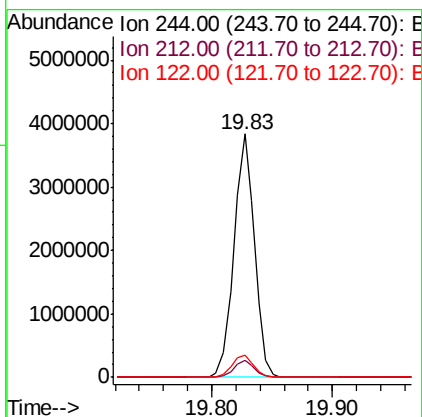
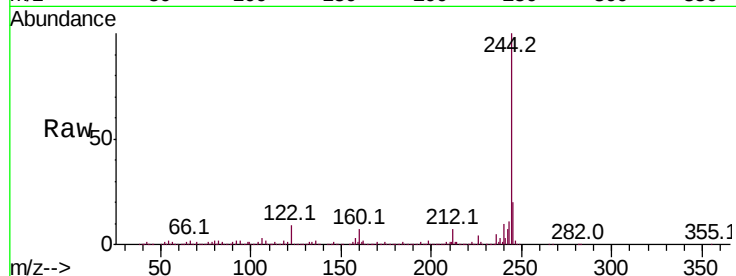




#79
 Terphenyl-d14
 Concen: 72.542 ng
 RT: 19.83 min Scan# 2863
 Delta R.T. -0.02 min
 Lab File: BM020743.D
 Acq: 05 Jun 2019 19:10

Instrument :
 BNA_M
 ClientSampleId :
 PB120342BL

Tot Ion:244 Resp: 4526766
 Ion Ratio Lower Upper
 244 100
 212 6.8 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: BM020743.D
 Acq: 05 Jun 2019 19:10

Tgt Ion:264 Resp: 1224315
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.6 17.6 26.4

