

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
 Data File : BM020702.D
 Acq On : 04 Jun 2019 12:31
 Operator : HP/JU
 Sample : PB120211BL
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120172BL

Quant Time: Jun 04 13:33:09 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

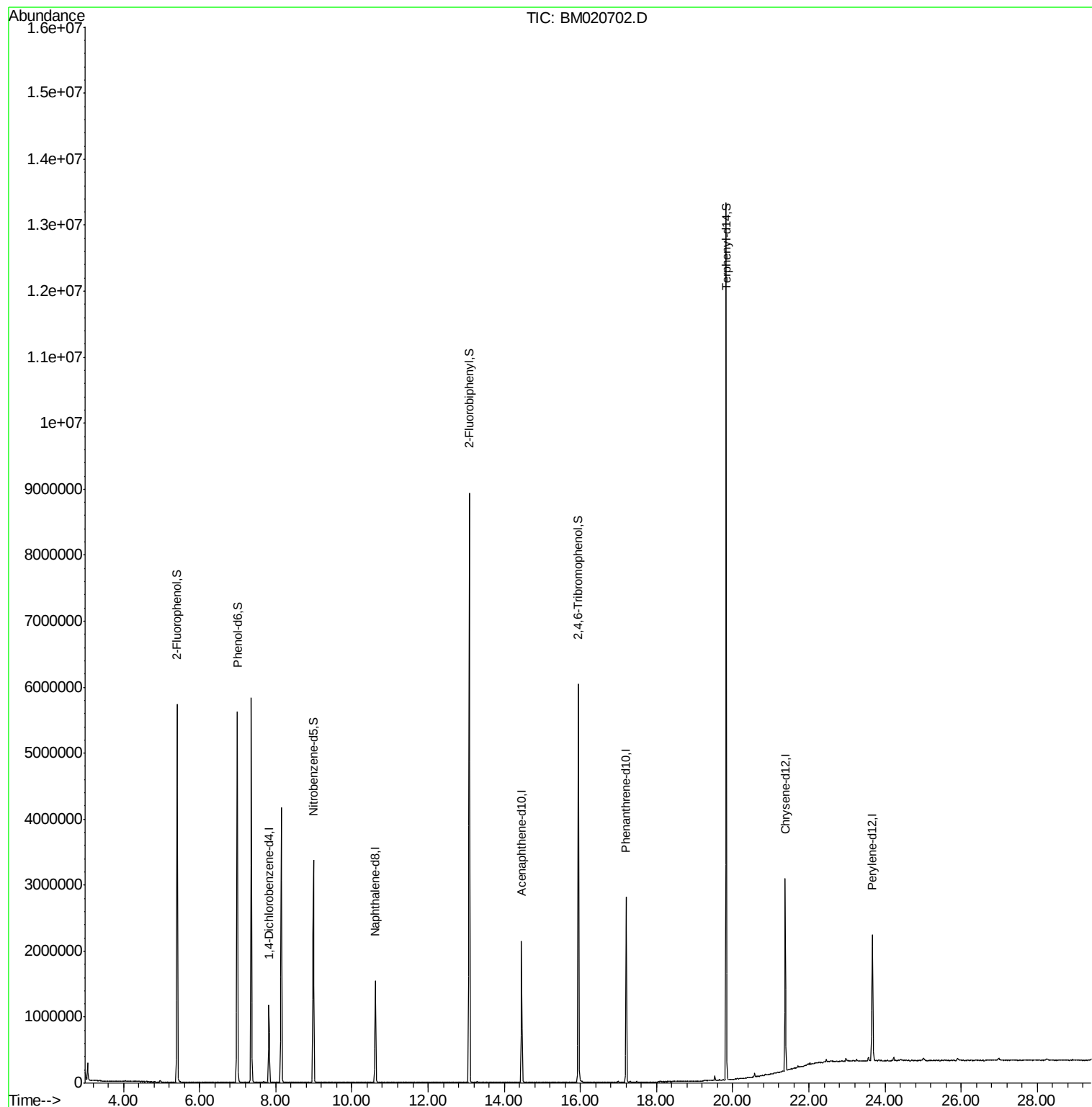
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	310297	20.00	ng	-0.01
21) Naphthalene-d8	10.62	136	1251205	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	716784	20.00	ng	-0.02
64) Phenanthrene-d10	17.20	188	1522276	20.00	ng	-0.01
76) Chrysene-d12	21.38	240	1231961	20.00	ng	-0.02
87) Perylene-d12	23.67	264	1346922	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	2261246	128.19	ng	0.00
7) Phenol-d6	6.99	99	3158476	121.60	ng	0.00
23) Nitrobenzene-d5	8.99	82	1923246	79.64	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	1157779	130.37	ng	-0.01
45) 2-Fluorobiphenyl	13.08	172	4529759	84.02	ng	-0.01
79) Terphenyl-d14	19.83	244	6028883	81.85	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.99	77	6493	Below Cal	Qvalue #	6

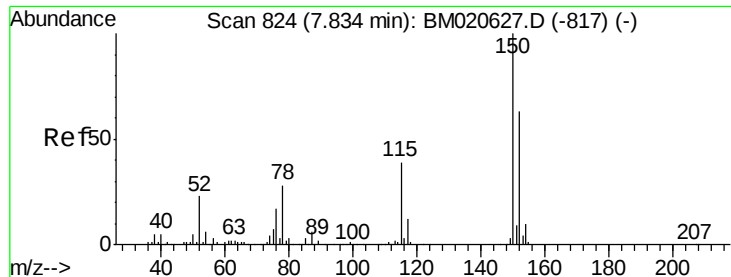
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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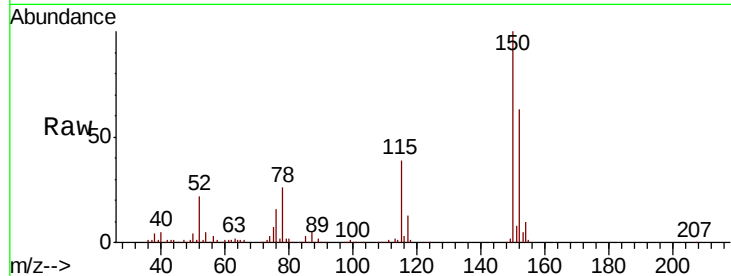


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM020702.D
Acq: 04 Jun 2019 12:31

Instrument :
BNA_M
ClientSampleId :
PB120172BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.0	189.0
115	61.7	49.6	74.4

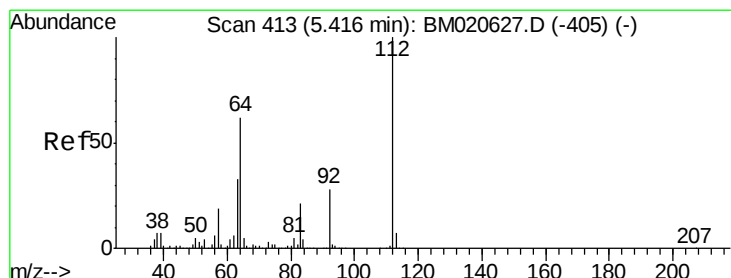
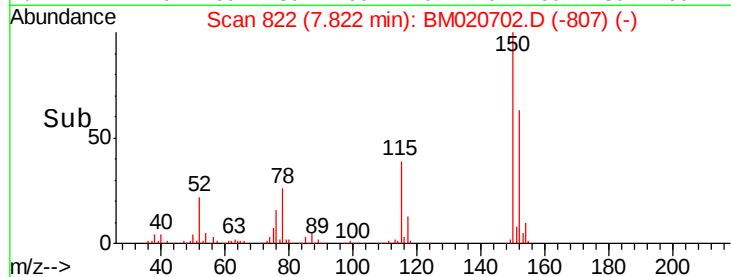
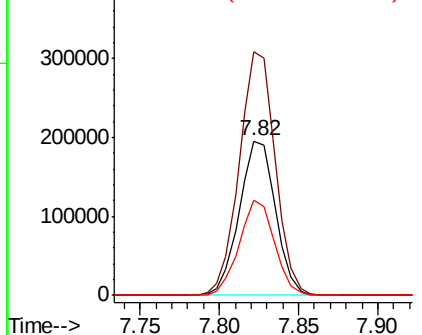


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

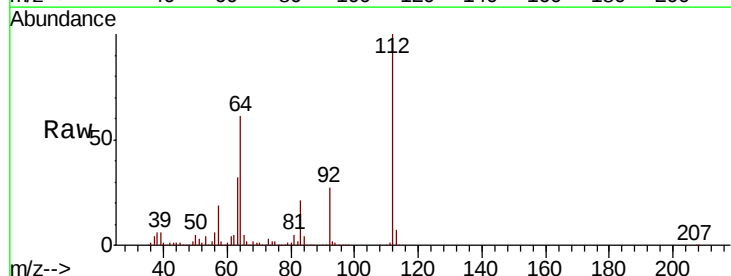
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 128.189 ng
RT: 5.41 min Scan# 412
Delta R.T. -0.01 min
Lab File: BM020702.D
Acq: 04 Jun 2019 12:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	49.7	74.5
63	31.8	26.4	39.6

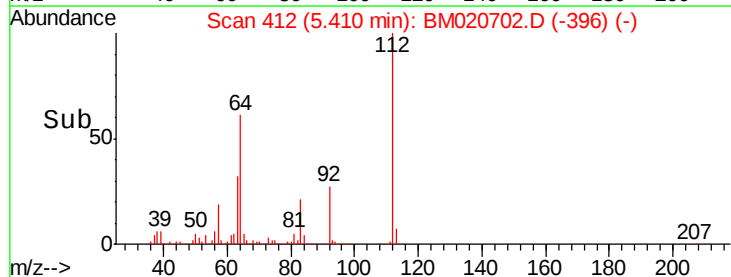
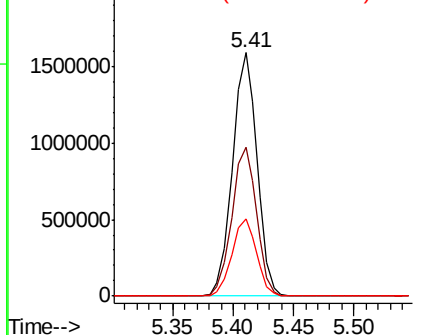


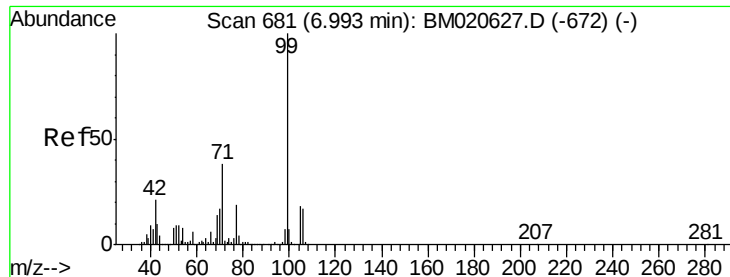
Abundance

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: 121.601 ng

RT: 6.99 min Scan# 681

Delta R.T. 0.00 min

Lab File: BM020702.D

Acq: 04 Jun 2019 12:31

Instrument :

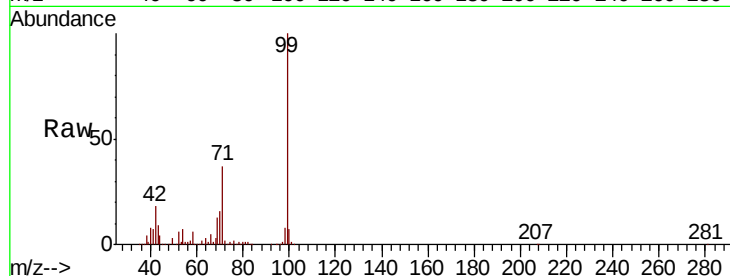
BNA_M

ClientSampleId :

PB120172BL

Tot Ion: 99 Resp: 3158476

Ion	Ratio	Lower	Upper
99	100		
42	18.5	16.5	24.7
71	36.6	30.7	46.1

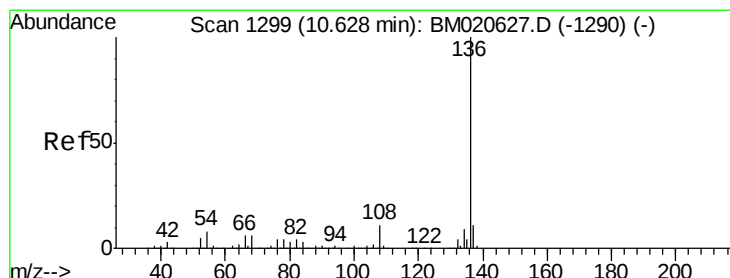
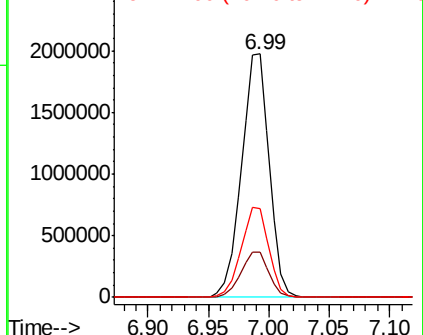
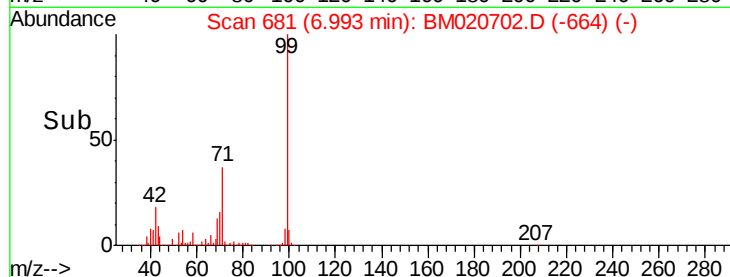


Abundance

Ion 99.00 (98.70 to 99.70): BM020702.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM020702.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM020702.D (-664) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.62 min Scan# 1297

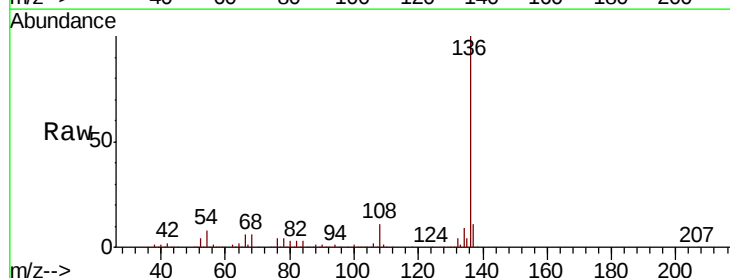
Delta R.T. -0.01 min

Lab File: BM020702.D

Acq: 04 Jun 2019 12:31

Tgt Ion: 136 Resp: 1251205

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.7	6.6	10.0
68	6.1	5.1	7.7



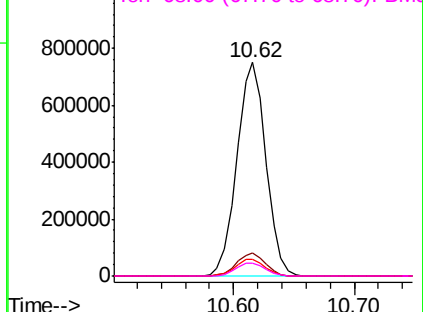
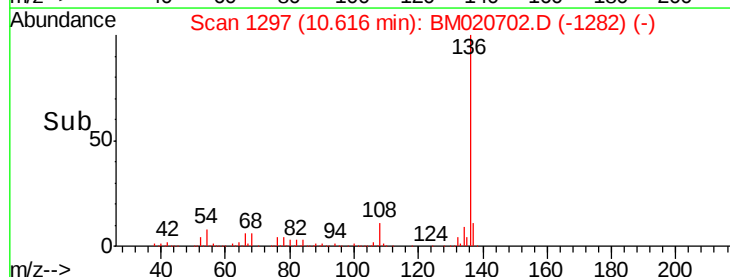
Abundance

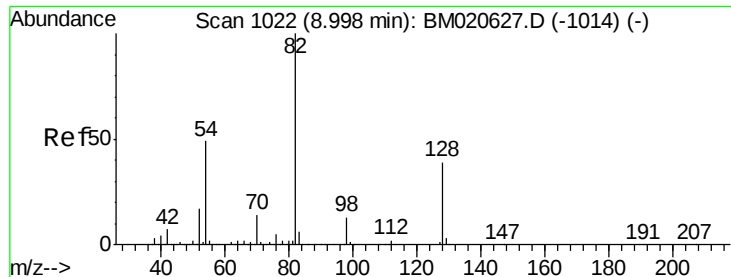
Ion 136.00 (135.70 to 136.70): BM020702.D (-1282) (-)

Ion 137.00 (136.70 to 137.70): BM020702.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM020702.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM020702.D (-1282) (-)

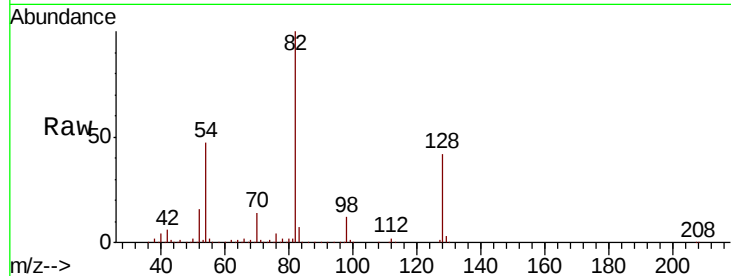




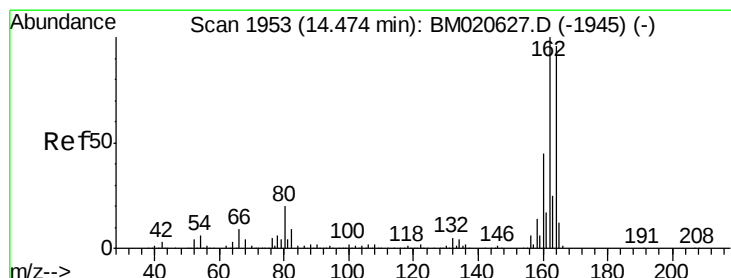
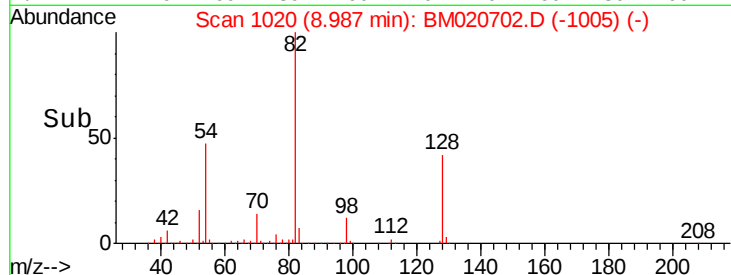
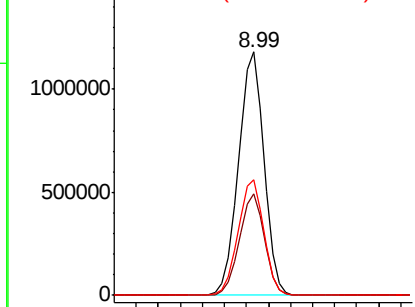
#23
Nitrobenzene-d5
Concen: 79.641 ng
RT: 8.99 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BM020702.D
Acq: 04 Jun 2019 12:31

Instrument :
BNA_M
ClientSampleId :
PB120172BL

Tot Ion: 82 Resp: 1923246
Ion Ratio Lower Upper
82 100
128 41.8 31.5 47.3
54 47.5 39.4 59.0

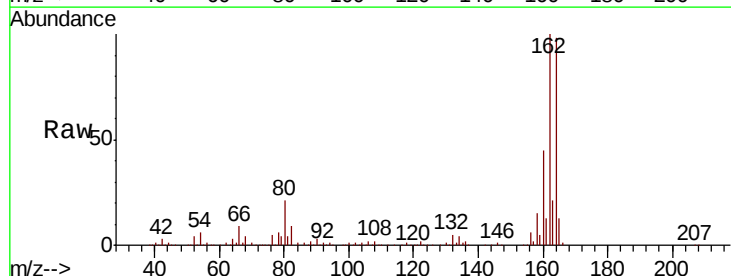


Abundance Ion 82.00 (81.70 to 82.70): BM020702.D (-1005) (-)
Ion 128.00 (127.70 to 128.70): BM020702.D (-1005) (-)
Ion 54.00 (53.70 to 54.70): BM020702.D (-1005) (-)

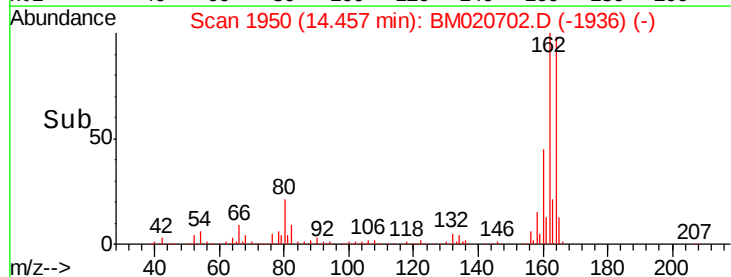
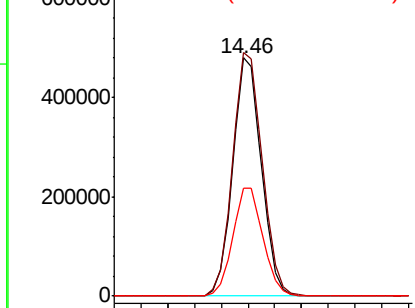


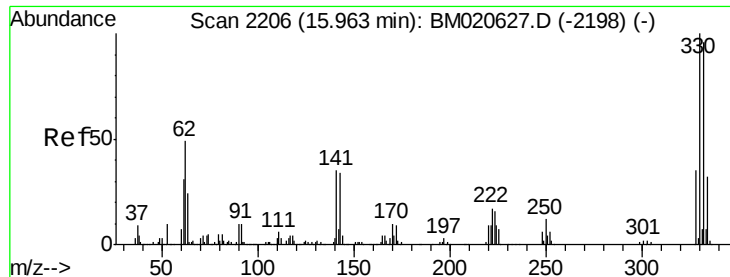
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.02 min
Lab File: BM020702.D
Acq: 04 Jun 2019 12:31

Tgt Ion:164 Resp: 716784
Ion Ratio Lower Upper
164 100
162 102.3 83.2 124.8
160 45.5 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): BM020702.D (-1936) (-)
Ion 162.00 (161.70 to 162.70): BM020702.D (-1936) (-)
Ion 160.00 (159.70 to 160.70): BM020702.D (-1936) (-)



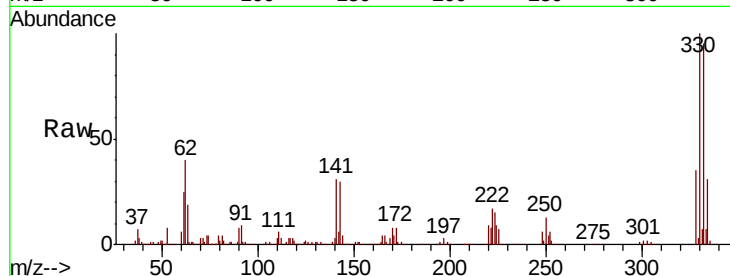


#42
 2,4,6-Tribromophenol
 Concen: 130.367 ng
 RT: 15.95 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BM020702.D
 Acq: 04 Jun 2019 12:31

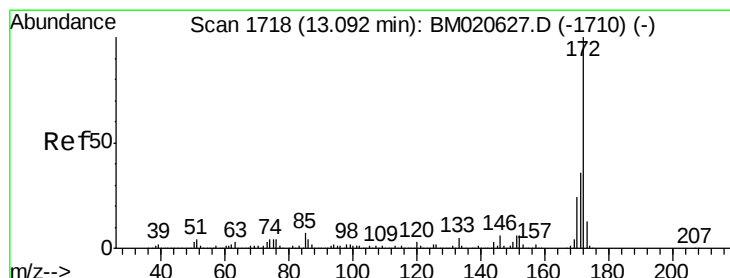
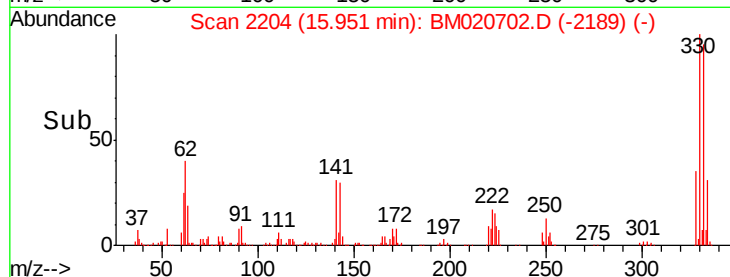
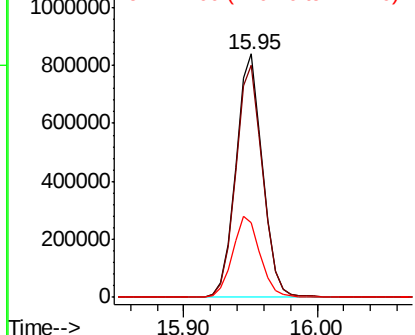
Instrument :
 BNA_M
 ClientSampled :
 PB120172BL

Tot Ion:330 Resp: 1157779

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.0
141	34.6	30.4	45.6



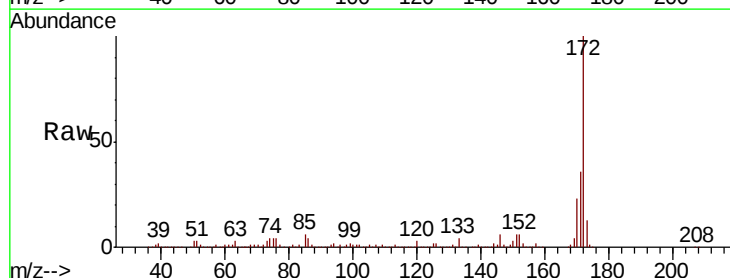
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



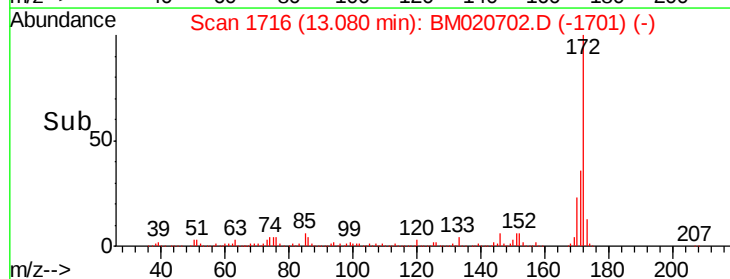
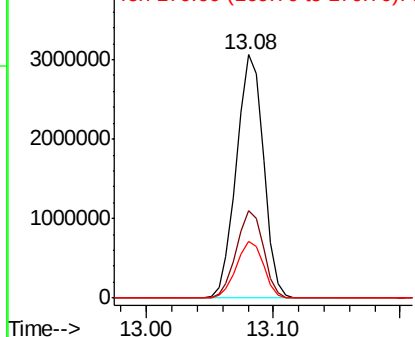
#45
 2-Fluorobiphenyl
 Concen: 84.015 ng
 RT: 13.08 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BM020702.D
 Acq: 04 Jun 2019 12:31

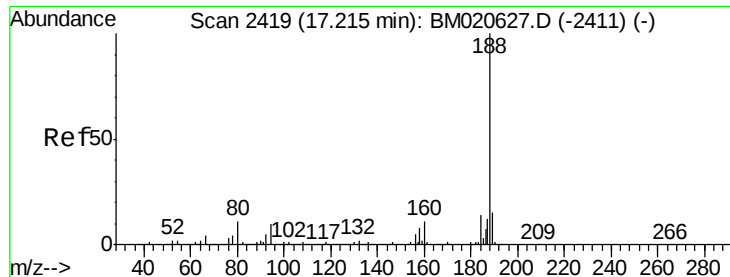
Tgt Ion:172 Resp: 4529759

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# 2417

Delta R.T. -0.01 min

Lab File: BM020702.D

Acq: 04 Jun 2019 12:31

Instrument :

BNA_M

ClientSampleId :

PB120172BL

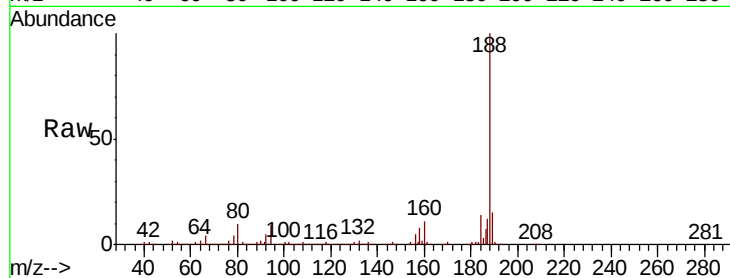
Tot Ion:188 Resp: 1522276

Ion Ratio Lower Upper

188 100

94 9.3 7.8 11.8

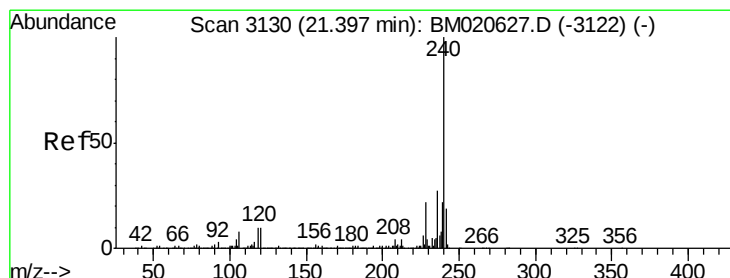
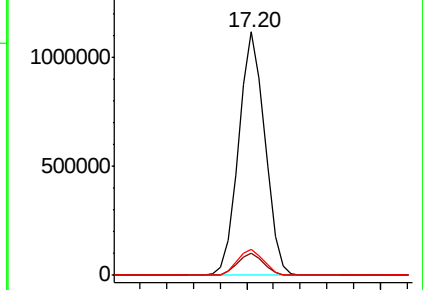
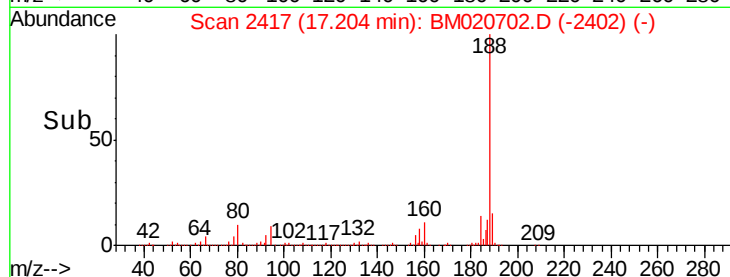
80 10.5 9.0 13.6



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: BM020702.D

Acq: 04 Jun 2019 12:31

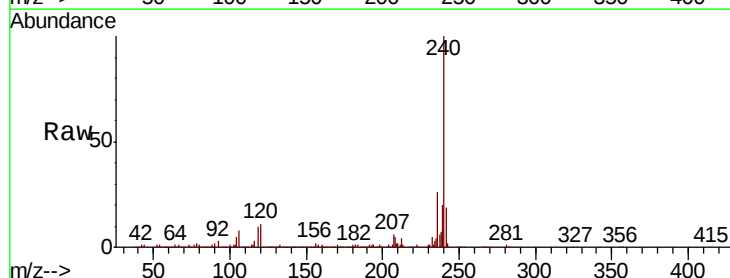
Tgt Ion:240 Resp: 1231961

Ion Ratio Lower Upper

240 100

120 10.8 8.2 12.2

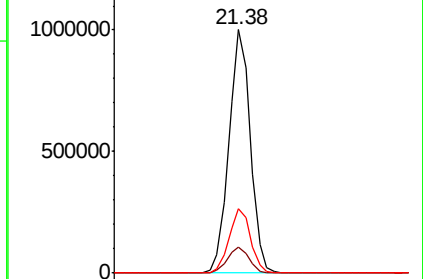
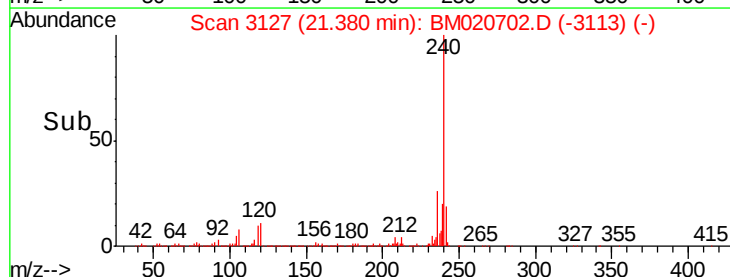
236 26.4 21.2 31.8

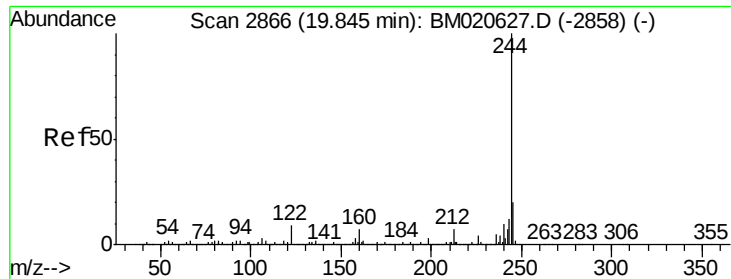


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 81.855 ng

RT: 19.83 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM020702.D

Acq: 04 Jun 2019 12:31

Instrument :

BNA_M

ClientSampleId :

PB120172BL

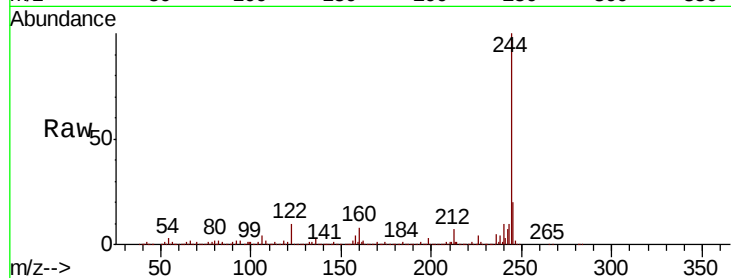
Tot Ion:244 Resp: 6028883

Ion Ratio Lower Upper

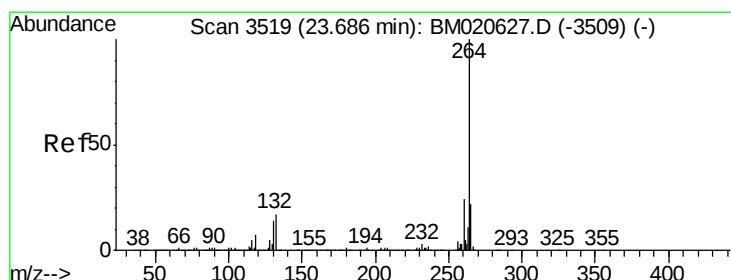
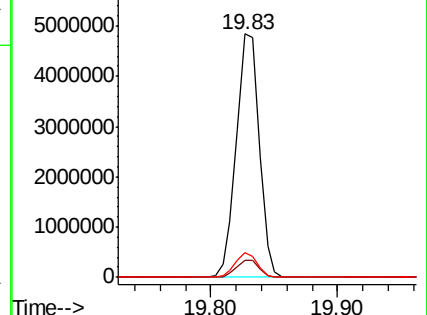
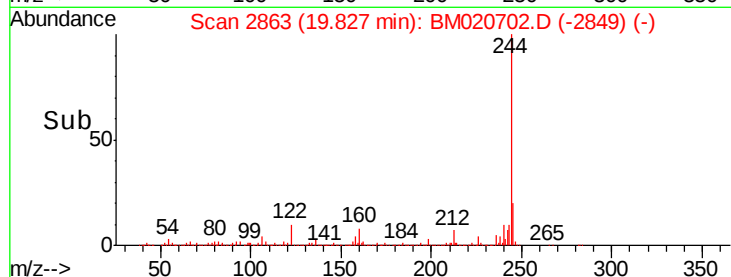
244 100

212 7.1 5.7 8.5

122 10.1 7.2 10.8



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. -0.02 min

Lab File: BM020702.D

Acq: 04 Jun 2019 12:31

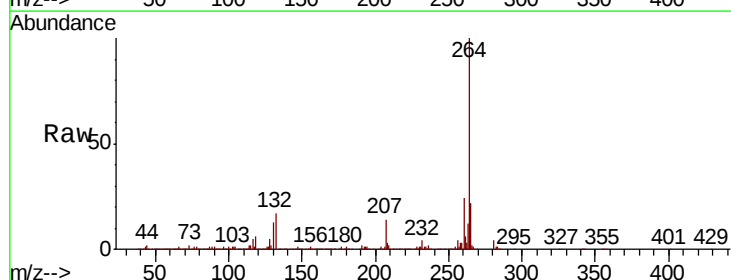
Tgt Ion:264 Resp: 1346922

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.7 17.6 26.4



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

