

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060419\
 Data File : BM020710.D
 Acq On : 04 Jun 2019 19:25
 Operator : HP/JU
 Sample : PB120137BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120137BL

Quant Time: Jun 05 03:27:25 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

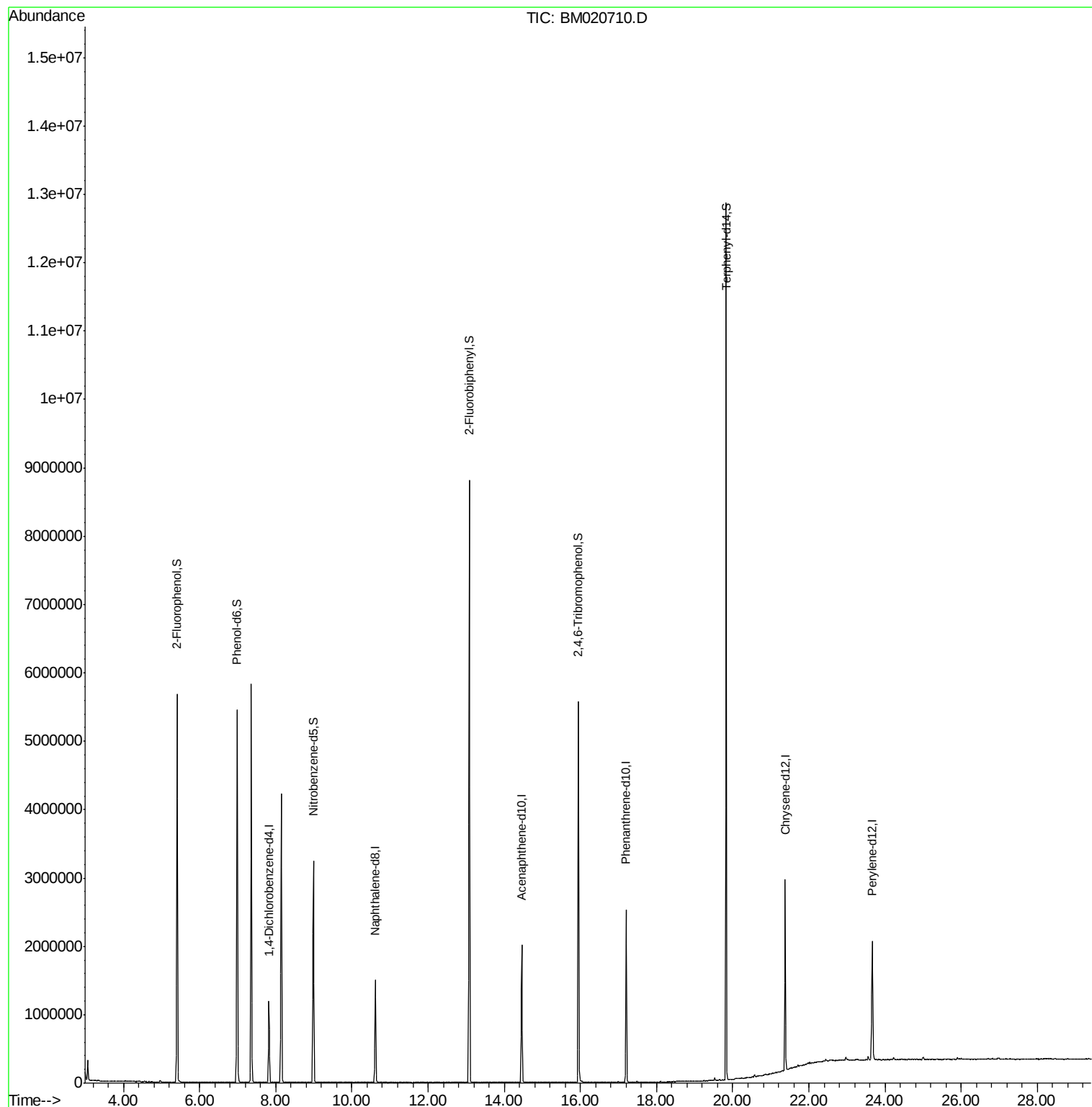
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	313092	20.00	ng	-0.01
21) Naphthalene-d8	10.62	136	1225800	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	669172	20.00	ng	-0.02
64) Phenanthrene-d10	17.20	188	1389565	20.00	ng	-0.01
76) Chrysene-d12	21.38	240	1125215	20.00	ng	-0.02
87) Perylene-d12	23.66	264	1274054	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	2264596	127.23	ng	0.00
7) Phenol-d6	6.99	99	3083921	117.67	ng	0.00
23) Nitrobenzene-d5	8.99	82	1879208	79.43	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	1047205	126.31	ng	-0.01
45) 2-Fluorobiphenyl	13.08	172	4314273	85.71	ng	-0.01
79) Terphenyl-d14	19.83	244	5346671	79.48	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.99	77	6889	Below Cal	Qvalue #	6

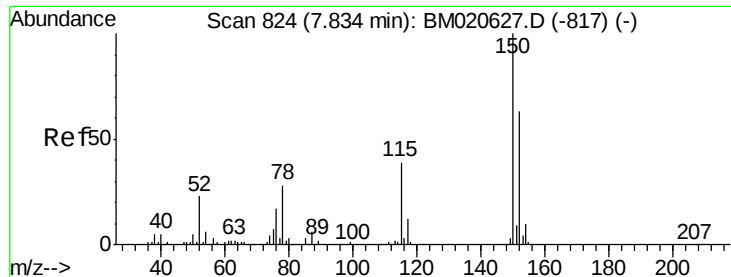
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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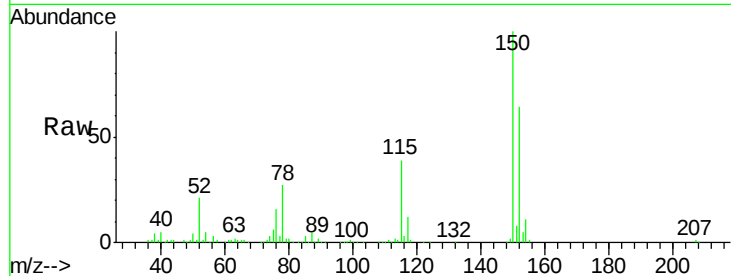


#1

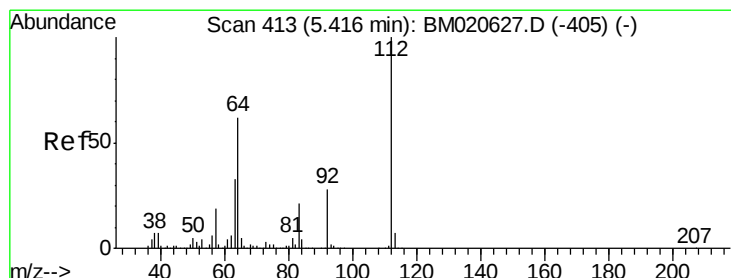
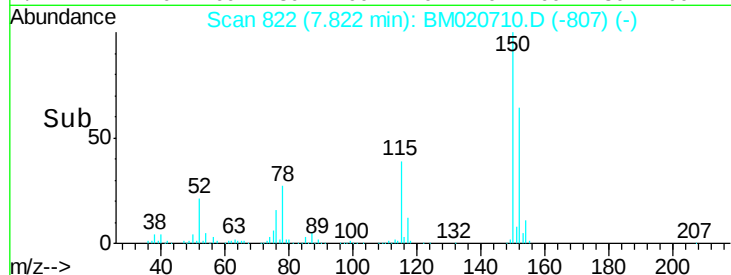
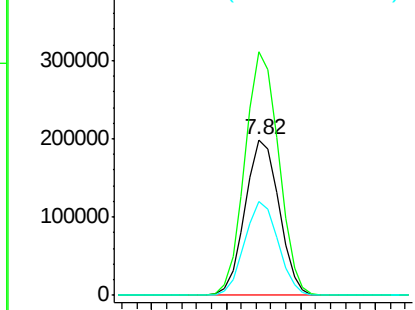
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM020710.D
Acq: 04 Jun 2019 19:25

Instrument :
BNA_M
ClientSampleId :
PB120137BL

Tgt Ion:152 Resp: 313092
Ion Ratio Lower Upper
152 100
150 156.4 126.0 189.0
115 60.6 49.6 74.4



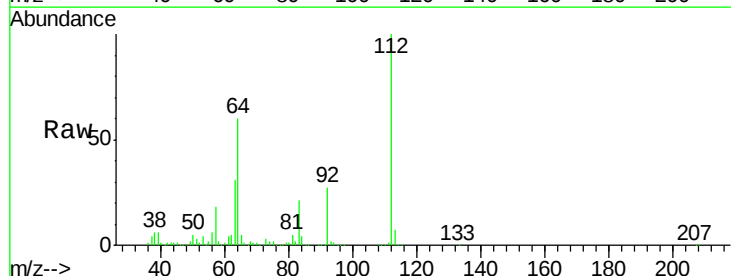
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



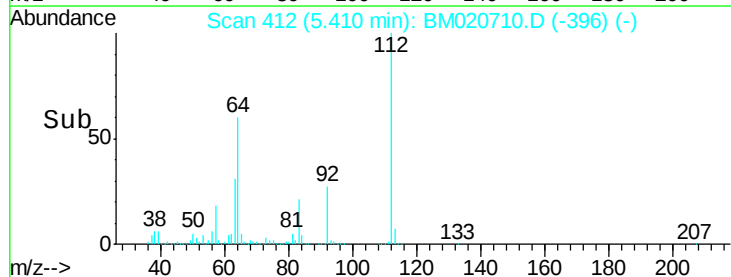
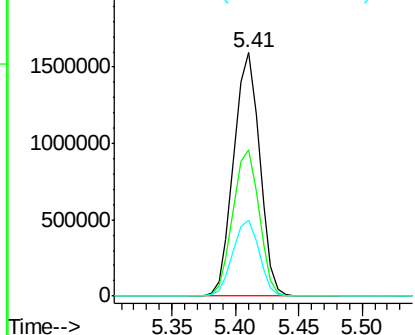
#5

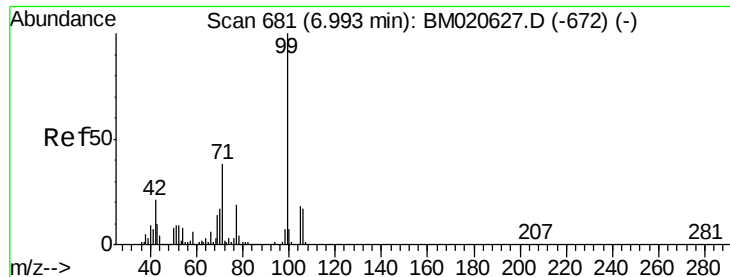
2-Fluorophenol
Concen: 127.233 ng
RT: 5.41 min Scan# 412
Delta R.T. -0.01 min
Lab File: BM020710.D
Acq: 04 Jun 2019 19:25

Tgt Ion:112 Resp: 2264596
Ion Ratio Lower Upper
112 100
64 60.2 49.7 74.5
63 31.3 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: 117.671 ng

RT: 6.99 min Scan# 680

Delta R.T. -0.01 min

Lab File: BM020710.D

Acq: 04 Jun 2019 19:25

Instrument :

BNA_M

ClientSampleId :

PB120137BL

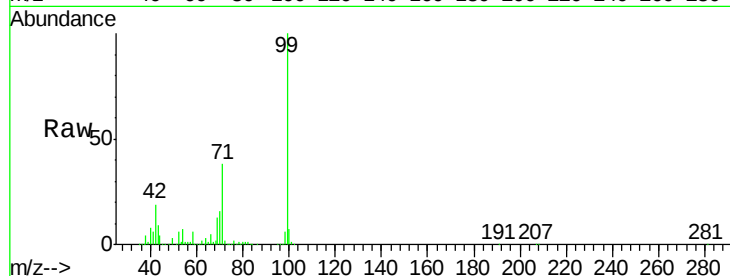
Tgt Ion: 99 Resp: 3083921

Ion	Ratio	Lower	Upper
99	100		
42	19.1	16.5	24.7
71	38.1	30.7	46.1

99 100

42 19.1 16.5 24.7

71 38.1 30.7 46.1

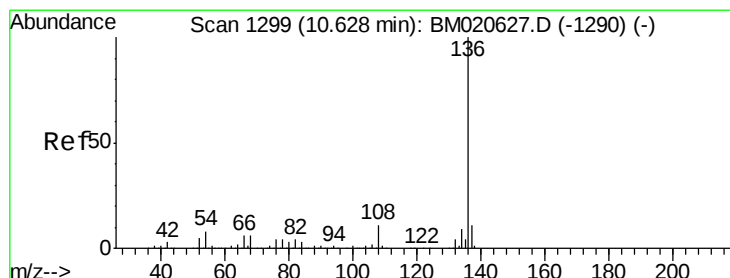
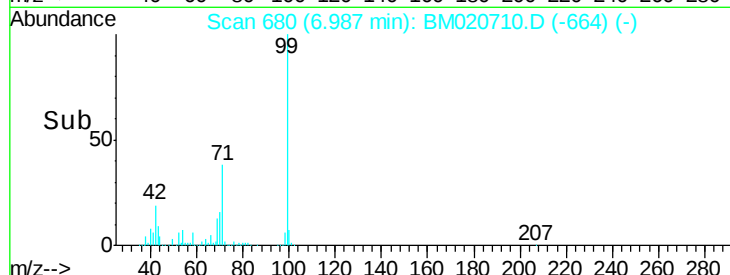
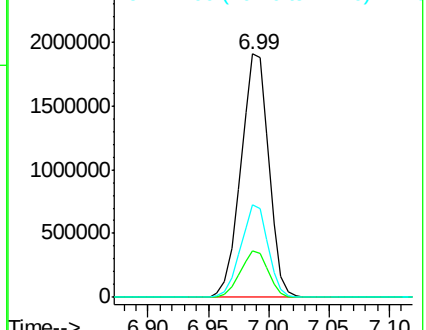


Abundance

Ion 99.00 (98.70 to 99.70): BM020710.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM020710.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM020710.D (-664) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.62 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BM020710.D

Acq: 04 Jun 2019 19:25

Tgt Ion: 136 Resp: 1225800

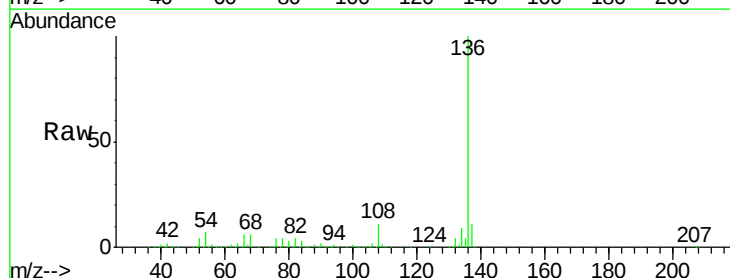
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.4	6.6	10.0
68	6.2	5.1	7.7

136 100

137 10.8 8.8 13.2

54 7.4 6.6 10.0

68 6.2 5.1 7.7



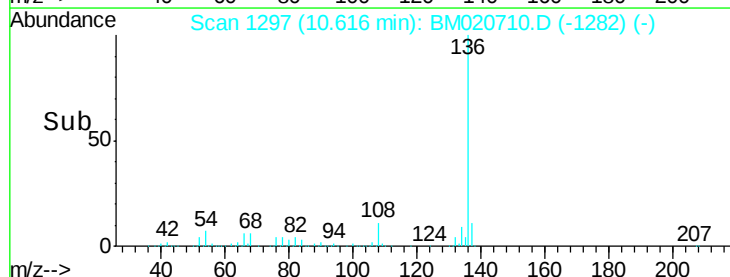
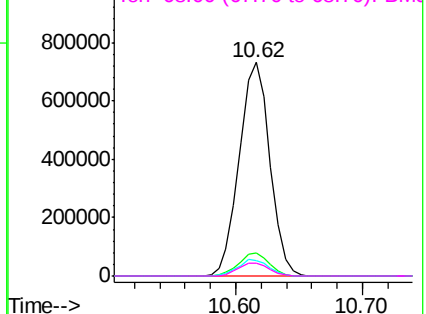
Abundance

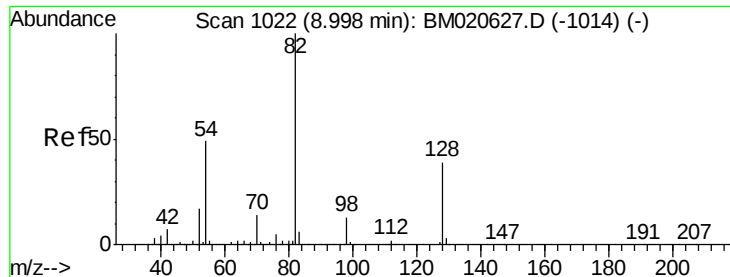
Ion 136.00 (135.70 to 136.70): BM020710.D (-1282) (-)

Ion 137.00 (136.70 to 137.70): BM020710.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM020710.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM020710.D (-1282) (-)

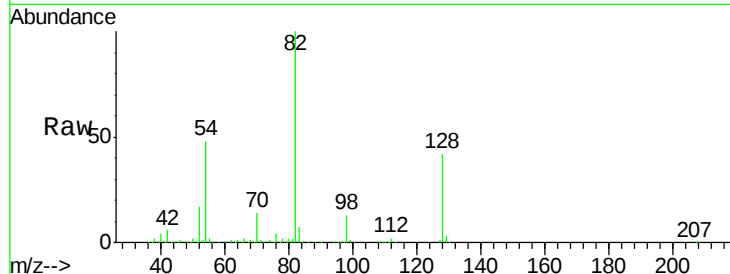




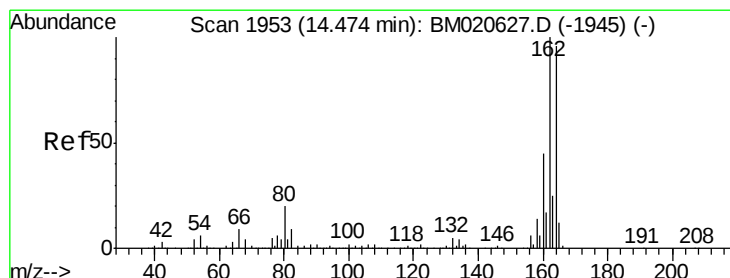
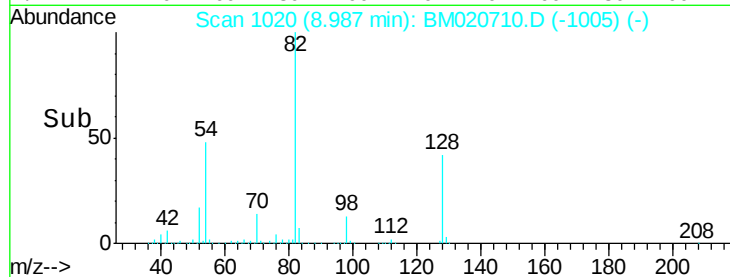
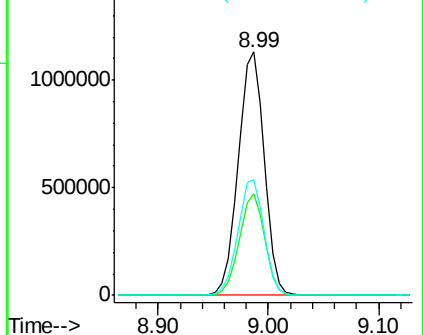
#23
 Nitrobenzene-d5
 Concen: 79.430 ng
 RT: 8.99 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BM020710.D
 Acq: 04 Jun 2019 19:25

Instrument :
 BNA_M
 ClientSampleId :
 PB120137BL

Tgt Ion: 82 Resp: 1879208
 Ion Ratio Lower Upper
 82 100
 128 41.6 31.5 47.3
 54 47.7 39.4 59.0

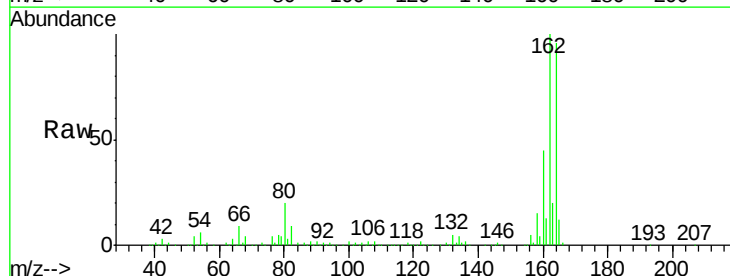


Abundance Ion 82.00 (81.70 to 82.70): BM020627.D (-1014) (-)
 Ion 128.00 (127.70 to 128.70): BM020627.D (-1014) (-)
 Ion 54.00 (53.70 to 54.70): BM020627.D (-1014) (-)

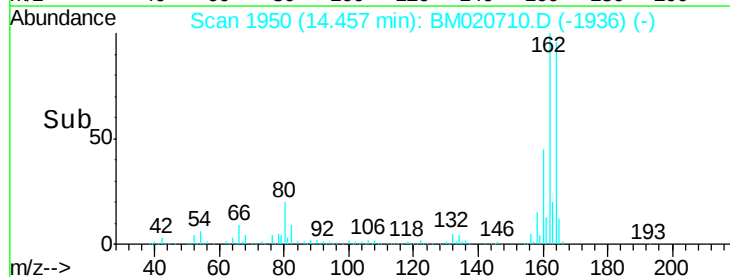
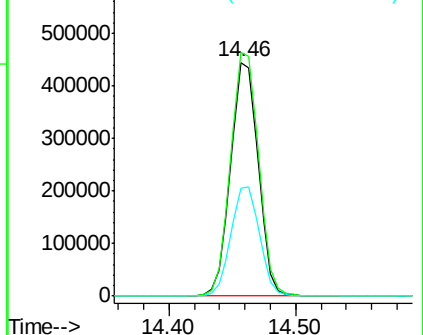


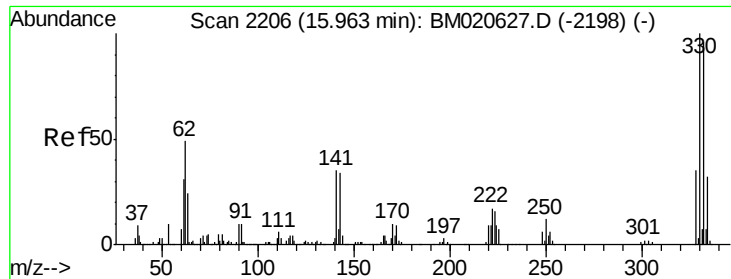
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1950
 Delta R.T. -0.02 min
 Lab File: BM020710.D
 Acq: 04 Jun 2019 19:25

Tgt Ion: 164 Resp: 669172
 Ion Ratio Lower Upper
 164 100
 162 104.2 83.2 124.8
 160 46.4 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): BM020627.D (-1945) (-)
 Ion 162.00 (161.70 to 162.70): BM020627.D (-1945) (-)
 Ion 160.00 (159.70 to 160.70): BM020627.D (-1945) (-)





#42

2,4,6-Tribromophenol

Concen: 126.306 ng

RT: 15.95 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BM020710.D

Acq: 04 Jun 2019 19:25

Instrument :

BNA_M

ClientSampleId :

PB120137BL

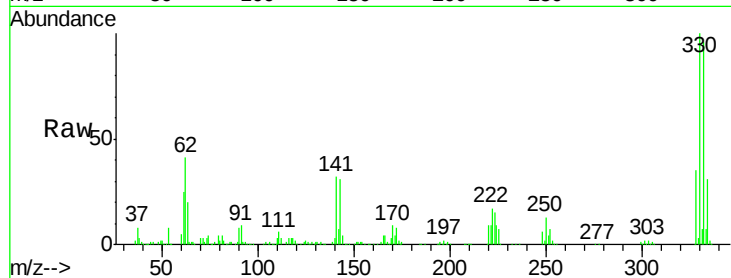
Tgt Ion:330 Resp: 1047205

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

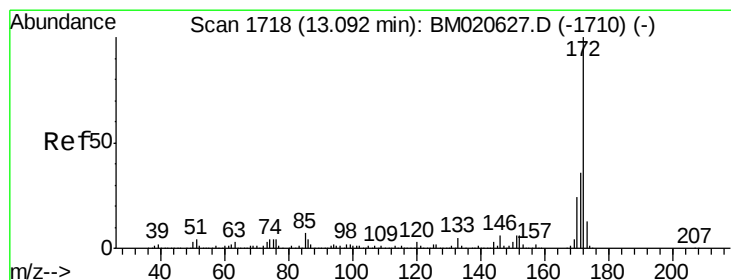
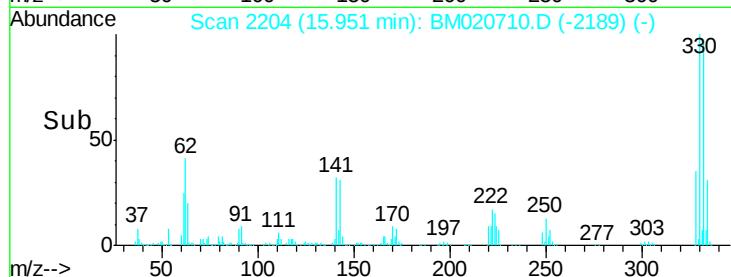
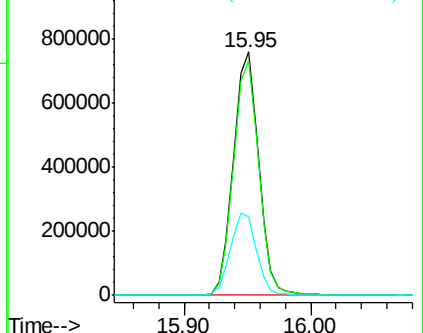
141 35.0 30.4 45.6



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: 85.712 ng

RT: 13.08 min Scan# 1716

Delta R.T. -0.01 min

Lab File: BM020710.D

Acq: 04 Jun 2019 19:25

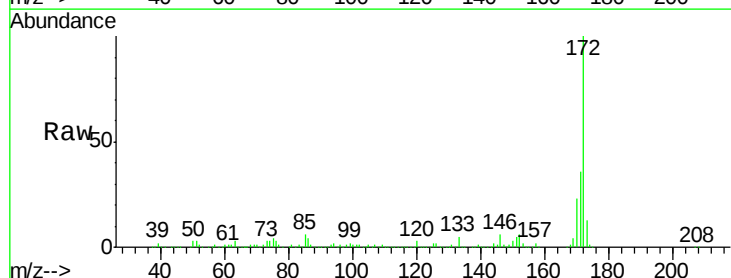
Tgt Ion:172 Resp: 4314273

Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

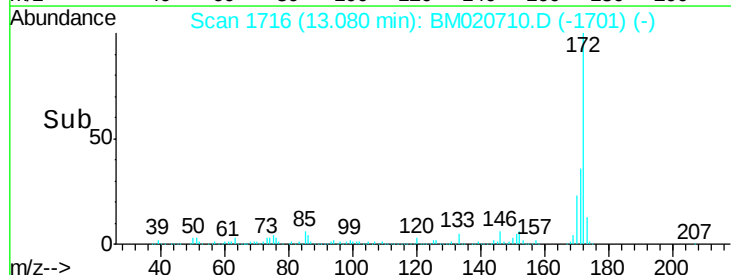
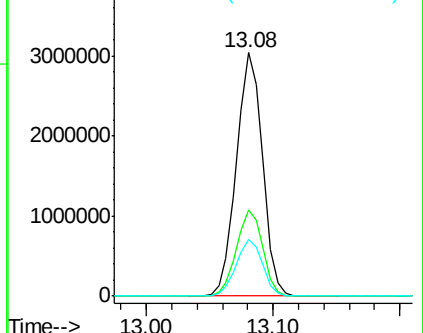
170 23.1 18.9 28.3

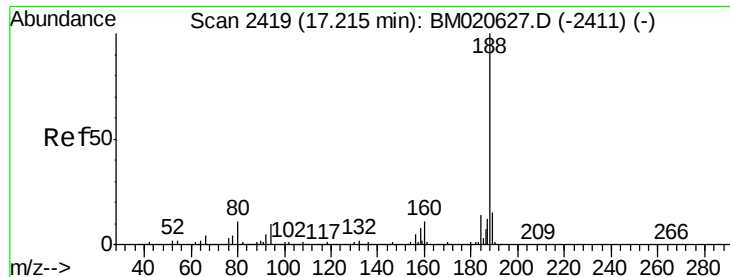


Abundance Ion 172.00 (171.70 to 172.70): E

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# 2417

Delta R.T. -0.01 min

Lab File: BM020710.D

Acq: 04 Jun 2019 19:25

Instrument :

BNA_M

ClientSampleId :

PB120137BL

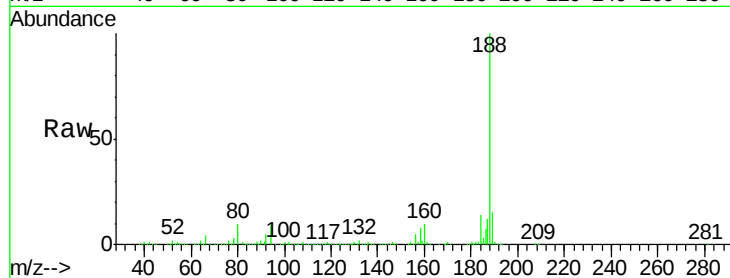
Tgt Ion:188 Resp: 1389565

Ion Ratio Lower Upper

188 100

94 9.1 7.8 11.8

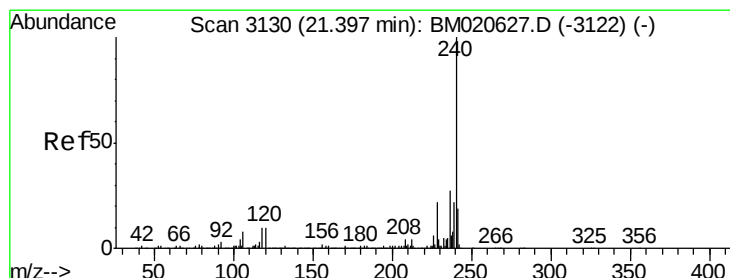
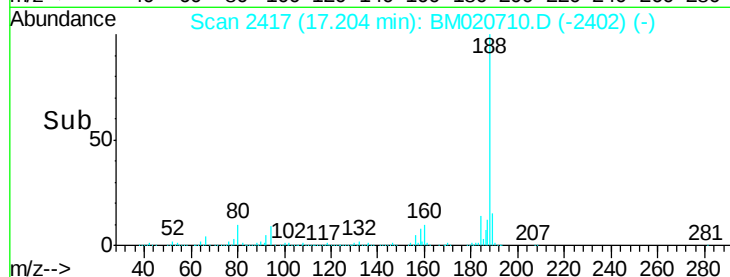
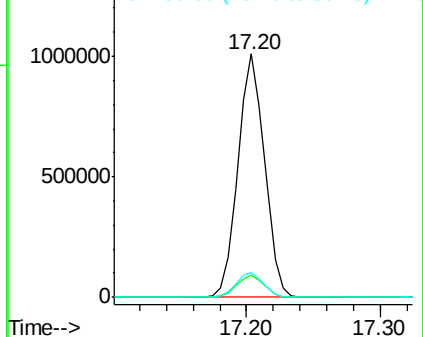
80 10.3 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): 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. -0.02 min

Lab File: BM020710.D

Acq: 04 Jun 2019 19:25

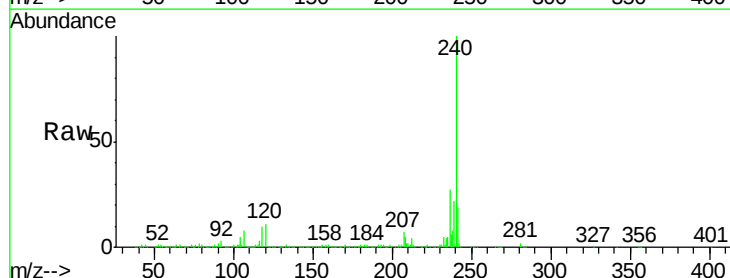
Tgt Ion:240 Resp: 1125215

Ion Ratio Lower Upper

240 100

120 10.5 8.2 12.2

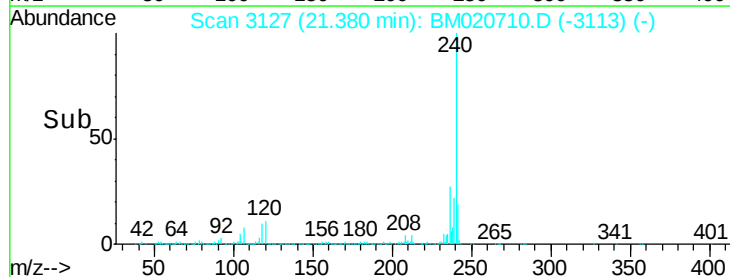
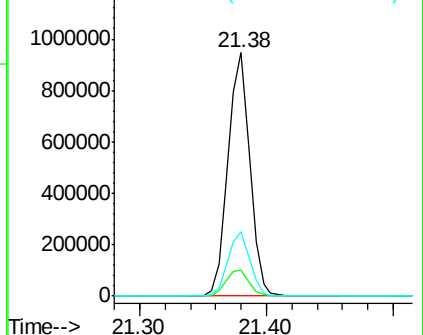
236 26.5 21.2 31.8

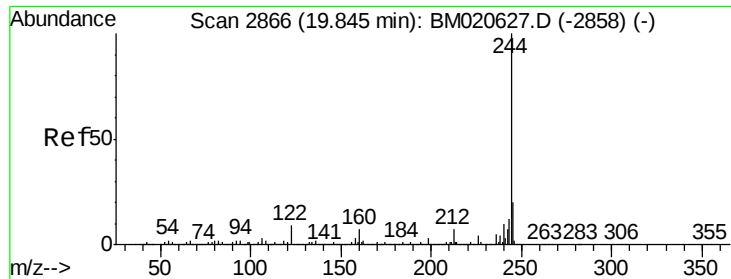


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

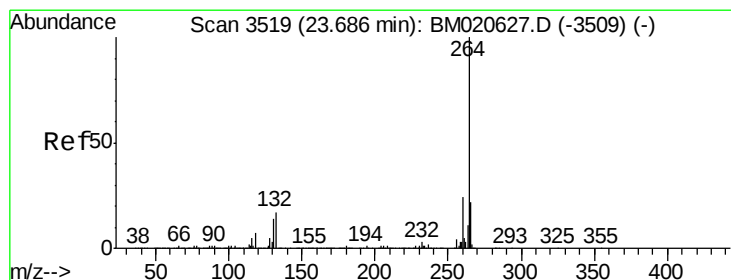
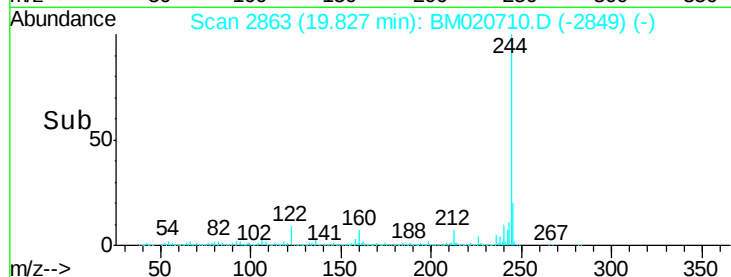
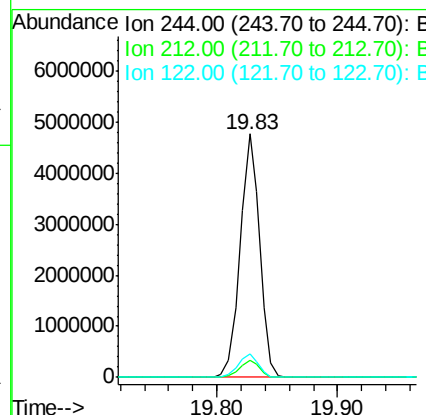
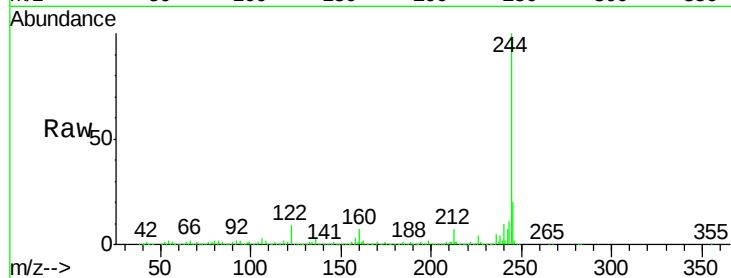




#79
 Terphenyl-d14
 Concen: 79.479 ng
 RT: 19.83 min Scan# 2863
 Delta R.T. -0.02 min
 Lab File: BM020710.D
 Acq: 04 Jun 2019 19:25

Instrument :
 BNA_M
 ClientSampleId :
 PB120137BL

Tgt Ion:244 Resp: 5346671
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 9.5 7.2 10.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.66 min Scan# 3515
 Delta R.T. -0.02 min
 Lab File: BM020710.D
 Acq: 04 Jun 2019 19:25

Tgt Ion:264 Resp: 1274054
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 22.1 17.6 26.4

