

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM042219\
 Data File : BM020022.D
 Acq On : 23 Apr 2019 00:55
 Operator : JU/SJ
 Sample : PB119063BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119063BL

Quant Time: Apr 23 02:33:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	105915	20.00	ng	-0.01
21) Naphthalene-d8	10.29	136	330471	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	186608	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	370152	20.00	ng	0.00
76) Chrysene-d12	21.16	240	338679	20.00	ng	0.00
87) Perylene-d12	23.35	264	383555	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	749388	114.67	ng	-0.01
7) Phenol-d6	6.69	99	940567	95.63	ng	-0.02
23) Nitrobenzene-d5	8.68	82	586640	79.39	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	184935	61.57	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	1193356	79.70	ng	-0.01
79) Terphenyl-d14	19.58	244	1650746	85.97	ng	-0.01

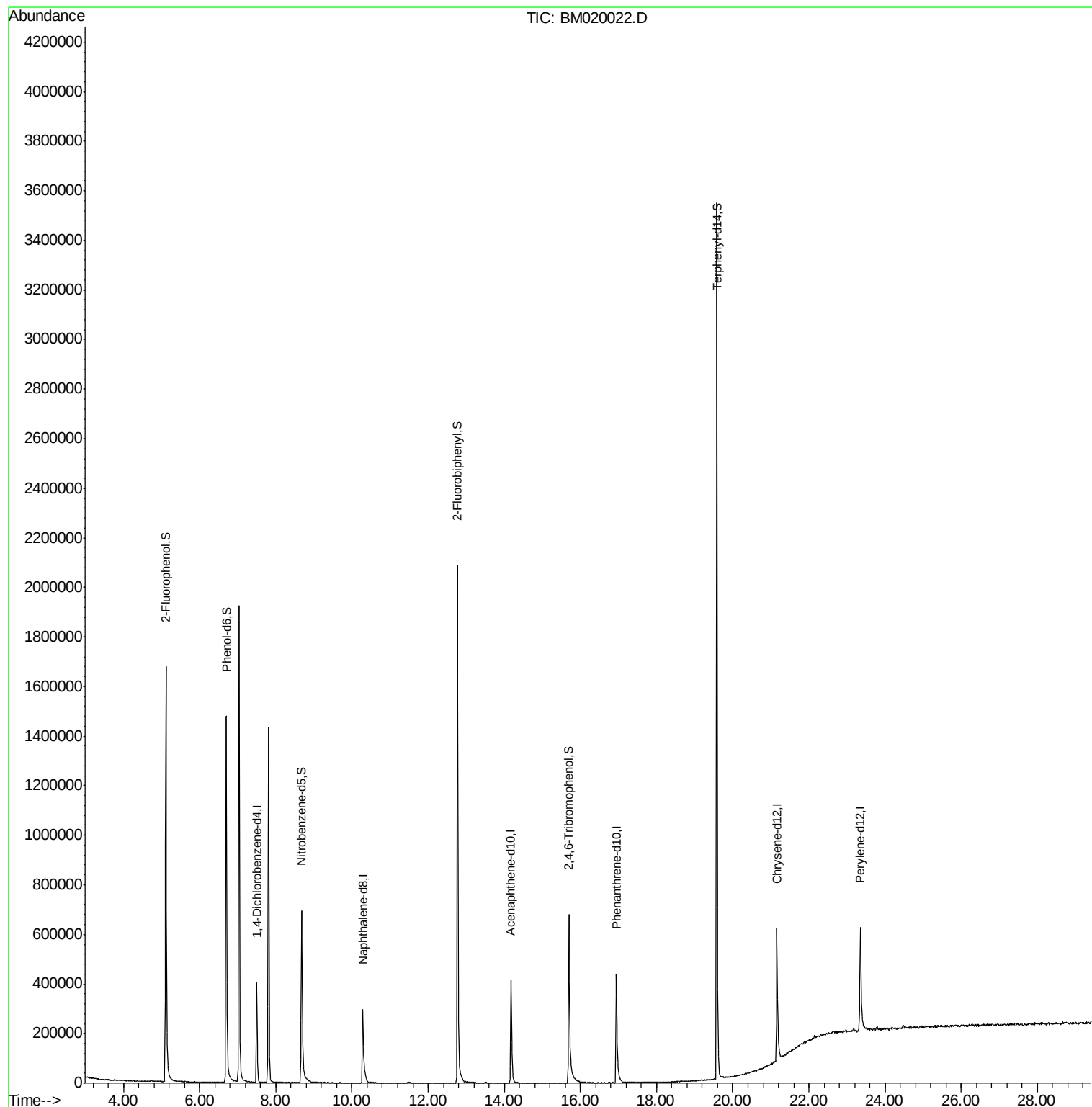
Target Compounds	Qvalue
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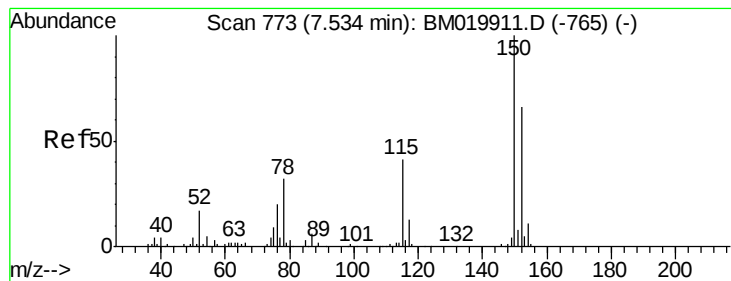
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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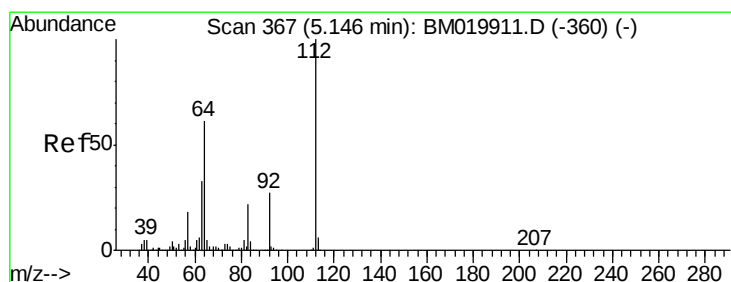
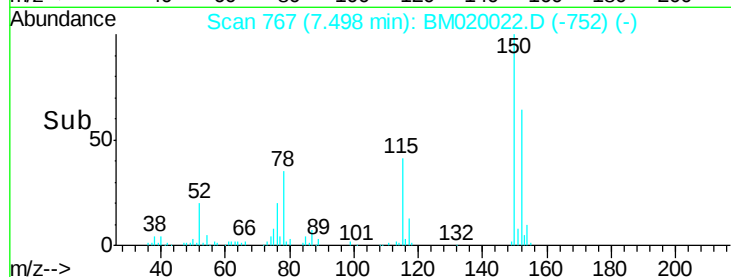
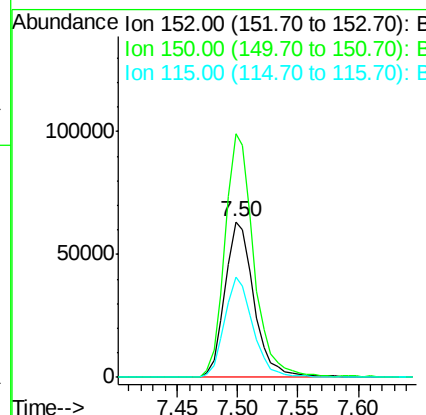
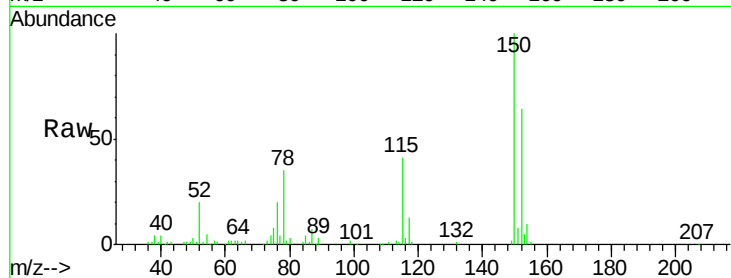




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.50 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: BM020022.D
 Acq: 23 Apr 2019 00:55

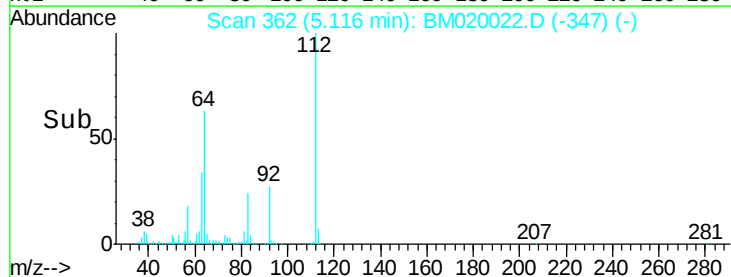
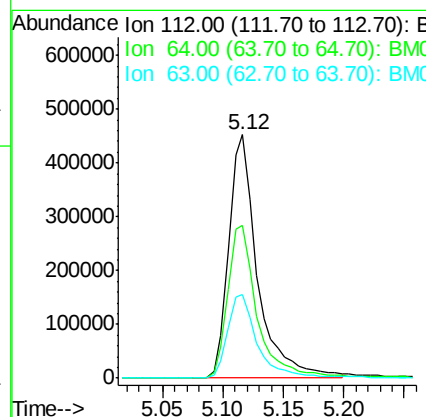
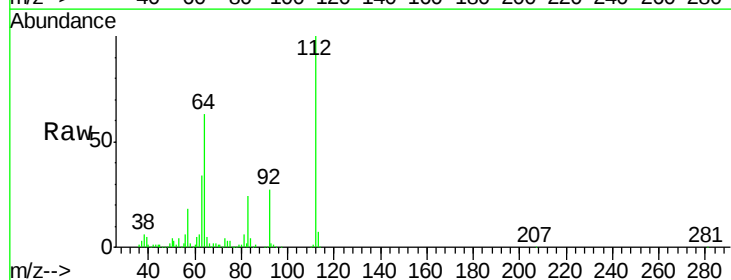
Instrument :
 BNA_M
 ClientSampleId :
 PB119063BL

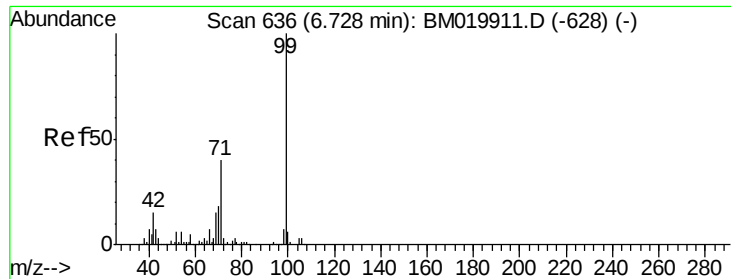
Tgt Ion:152 Resp: 105915
 Ion Ratio Lower Upper
 152 100
 150 156.4 122.1 183.1
 115 64.3 50.0 75.0



#5
 2-Fluorophenol
 Concen: 114.667 ng
 RT: 5.12 min Scan# 362
 Delta R.T. -0.01 min
 Lab File: BM020022.D
 Acq: 23 Apr 2019 00:55

Tgt Ion:112 Resp: 749388
 Ion Ratio Lower Upper
 112 100
 64 62.7 49.1 73.7
 63 34.4 26.5 39.7





#7

Phenol-d6

Concen: 95.629 ng

RT: 6.69 min Scan# 630

Delta R.T. -0.02 min

Lab File: BM020022.D

Acq: 23 Apr 2019 00:55

Instrument :

BNA_M

ClientSampleId :

PB119063BL

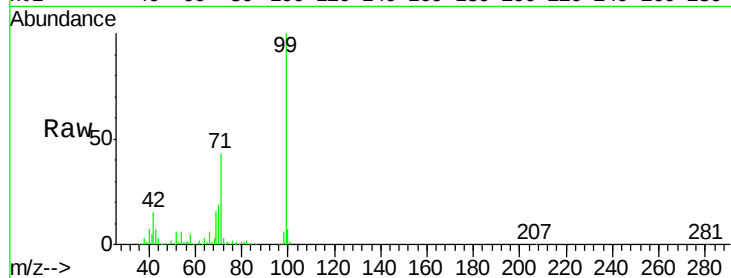
Tgt Ion: 99 Resp: 940567

Ion Ratio Lower Upper

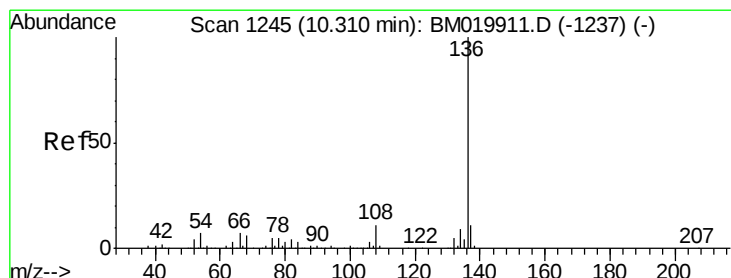
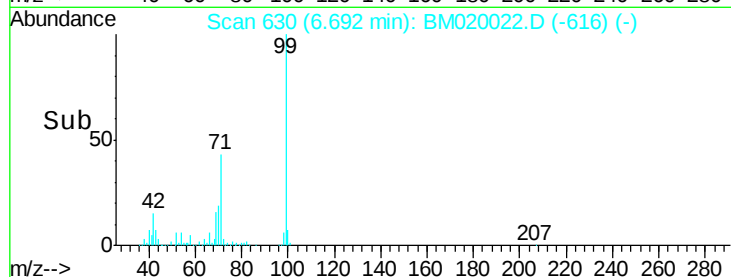
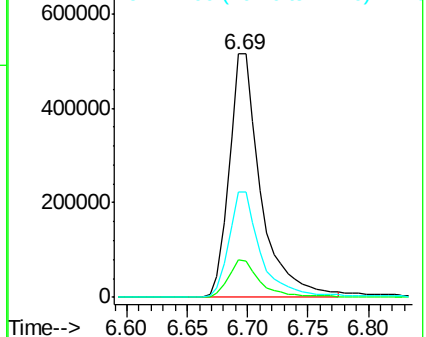
99 100

42 15.4 11.8 17.8

71 43.0 32.0 48.0



Abundance Ion 99.00 (98.70 to 99.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 71.00 (70.70 to 71.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.29 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BM020022.D

Acq: 23 Apr 2019 00:55

Tgt Ion: 136 Resp: 330471

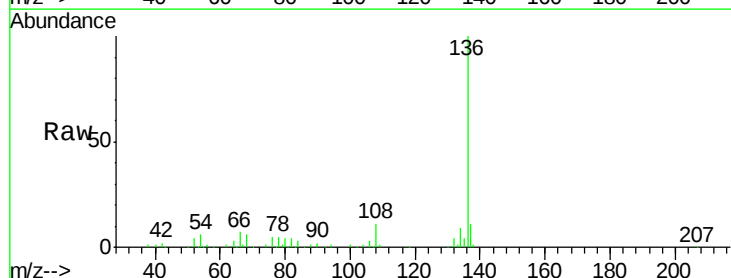
Ion Ratio Lower Upper

136 100

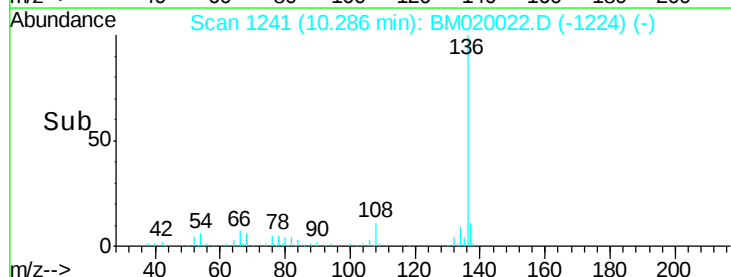
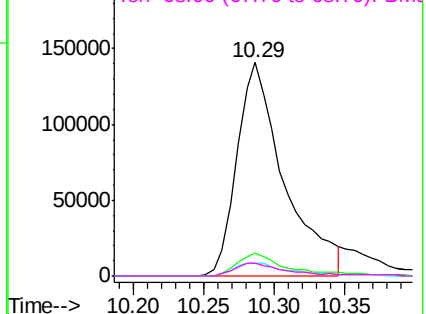
137 10.9 9.0 13.6

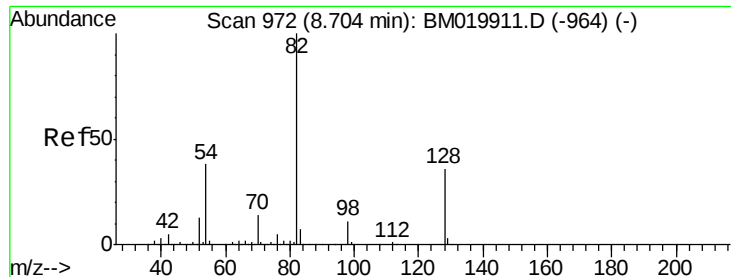
54 6.3 5.3 7.9

68 5.8 5.2 7.8



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

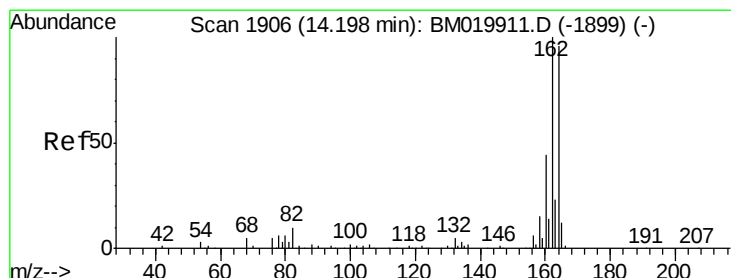
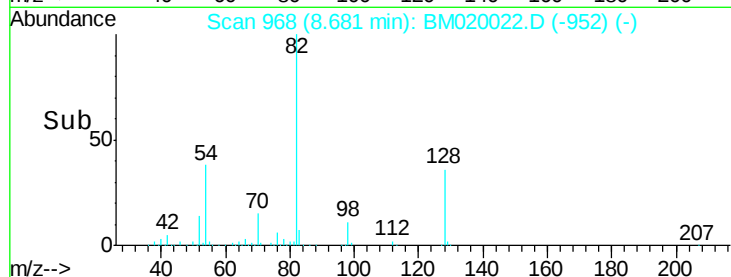
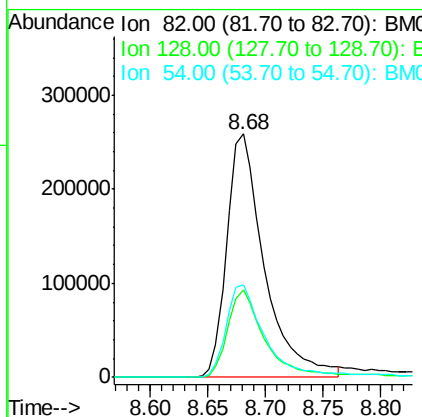
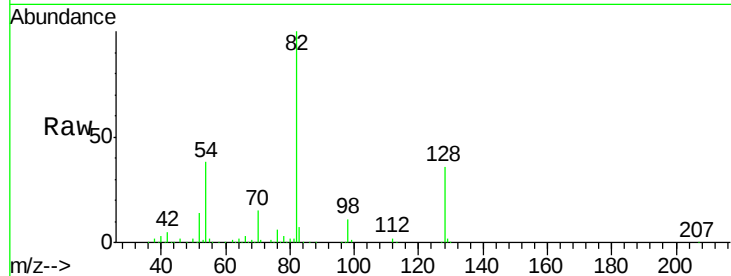




#23
 Nitrobenzene-d5
 Concen: 79.387 ng
 RT: 8.68 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BM020022.D
 Acq: 23 Apr 2019 00:55

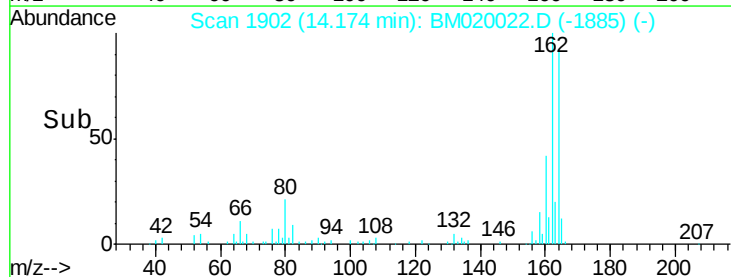
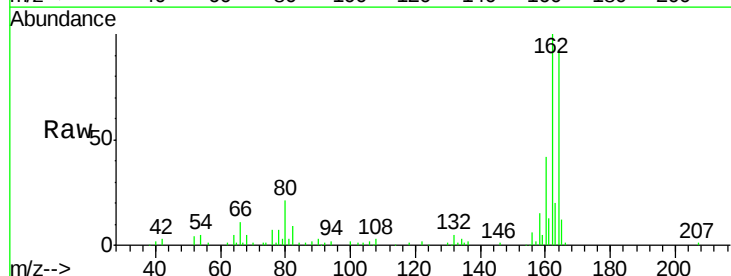
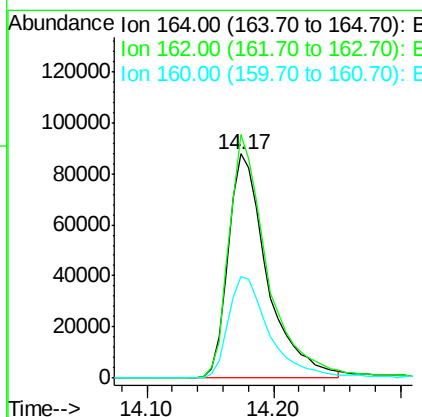
Instrument :
 BNA_M
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 PB119063BL

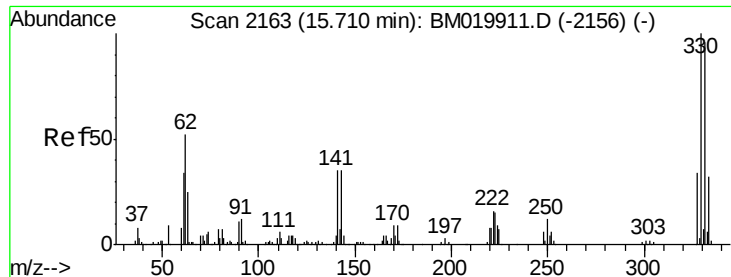
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.8	29.0	43.4
54	38.2	30.2	45.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.17 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: BM020022.D
 Acq: 23 Apr 2019 00:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.7	83.0	124.4
160	45.4	36.6	55.0

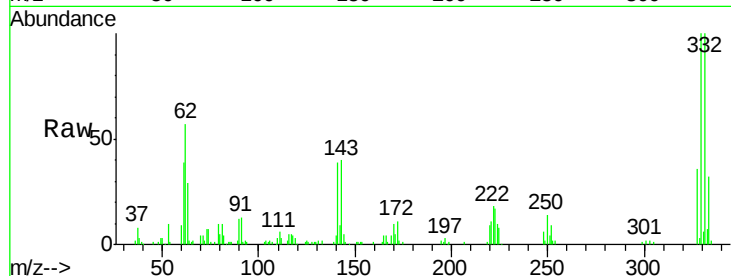




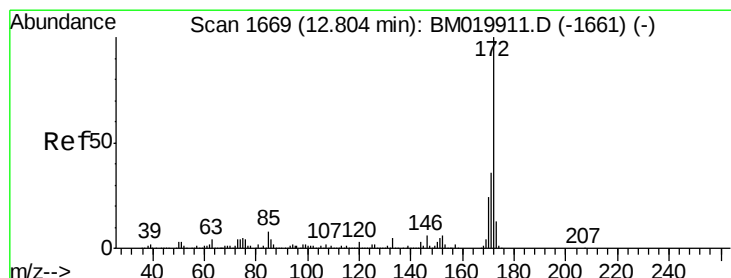
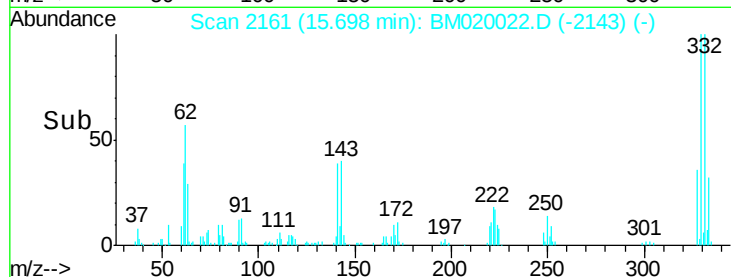
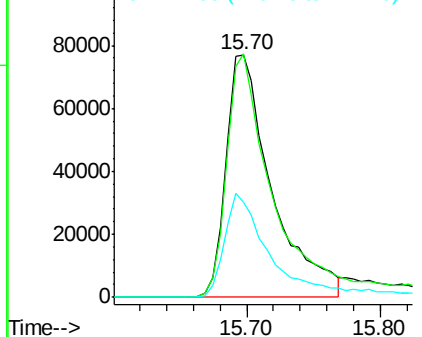
#42
 2,4,6-Tribromophenol
 Concen: 61.566 ng
 RT: 15.70 min Scan# 2161
 Delta R.T. 0.01 min
 Lab File: BM020022.D
 Acq: 23 Apr 2019 00:55

Instrument :
 BNA_M
 ClientSampleId :
 PB119063BL

Tgt Ion:330 Resp: 184935
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.2
 141 40.6 29.0 43.4

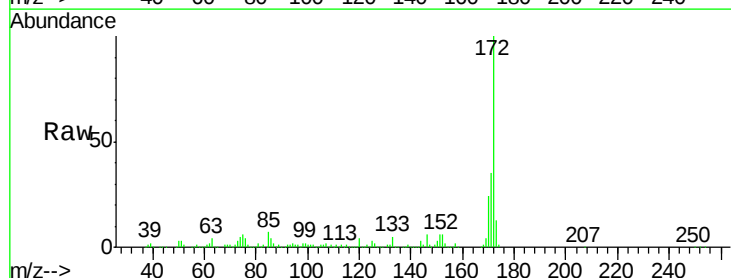


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

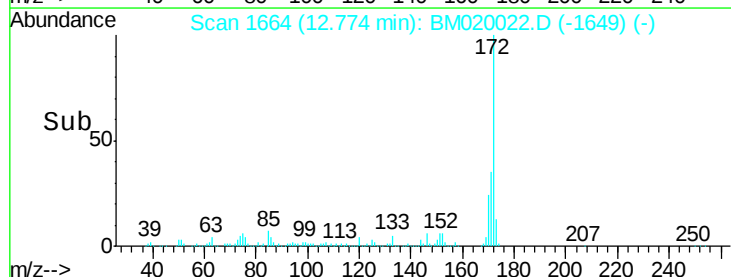
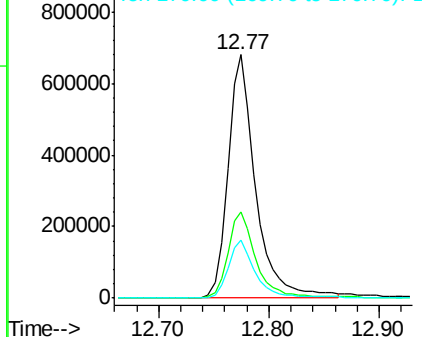


#45
 2-Fluorobiphenyl
 Concen: 79.696 ng
 RT: 12.77 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BM020022.D
 Acq: 23 Apr 2019 00:55

Tgt Ion:172 Resp: 1193356
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.9 43.3
 170 23.9 19.0 28.4



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: 16.94 min Scan# 2373

Delta R.T. -0.00 min

Lab File: BM020022.D

Acq: 23 Apr 2019 00:55

Instrument :

BNA_M

ClientSampleId :

PB119063BL

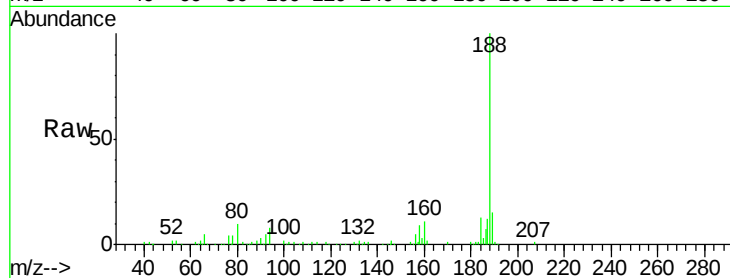
Tgt Ion:188 Resp: 370152

Ion Ratio Lower Upper

188 100

94 8.0 7.6 11.4

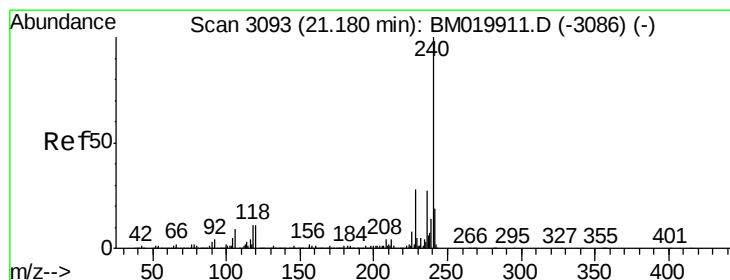
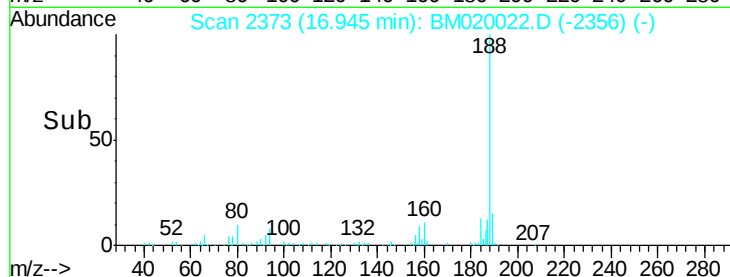
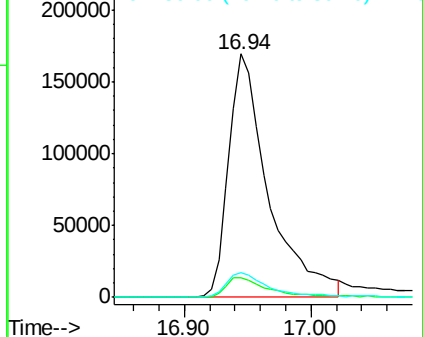
80 10.4 9.4 14.0



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: 21.16 min Scan# 3090

Delta R.T. -0.00 min

Lab File: BM020022.D

Acq: 23 Apr 2019 00:55

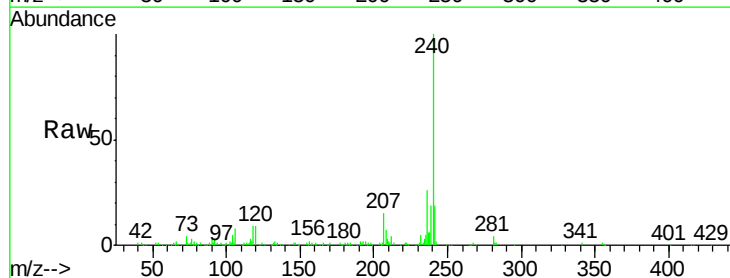
Tgt Ion:240 Resp: 338679

Ion Ratio Lower Upper

240 100

120 9.2 8.6 13.0

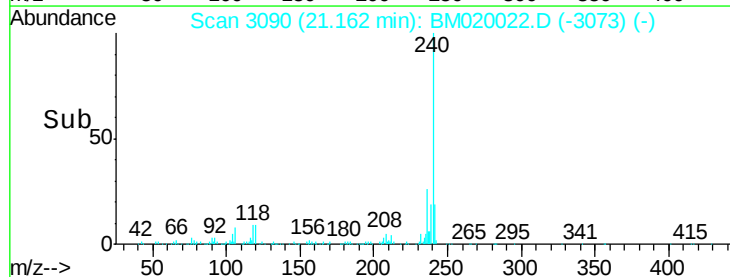
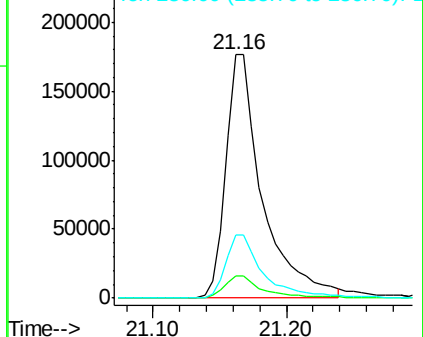
236 25.7 21.4 32.2

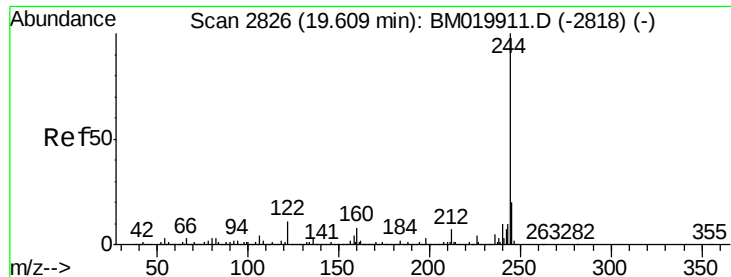


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

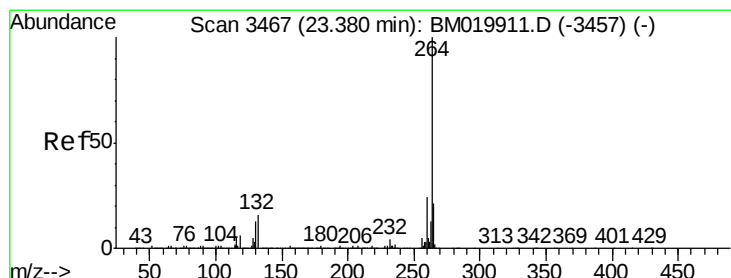
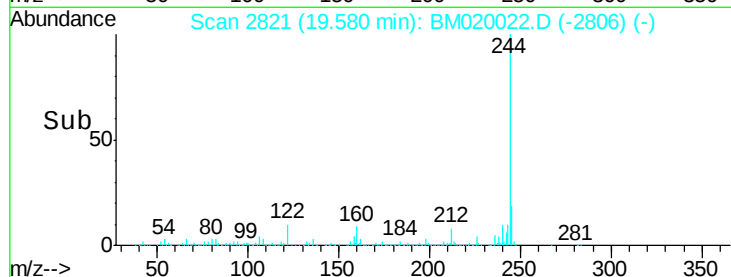
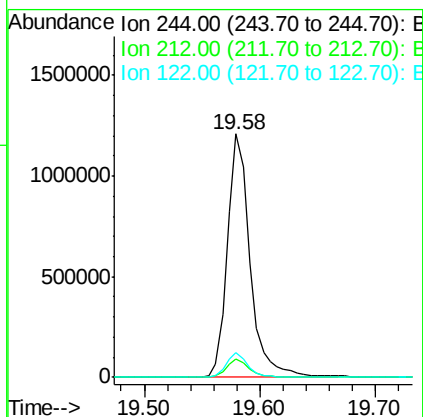
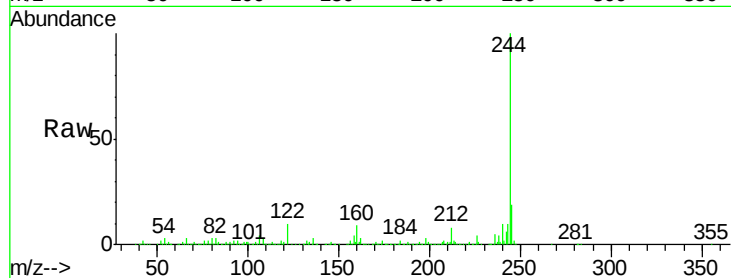




#79
 Terphenyl-d14
 Concen: 85.970 ng
 RT: 19.58 min Scan# 2821
 Delta R.T. -0.01 min
 Lab File: BM020022.D
 Acq: 23 Apr 2019 00:55

Instrument :
 BNA_M
 ClientSampleId :
 PB119063BL

Tgt Ion:244 Resp: 1650746
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 10.1 9.1 13.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.35 min Scan# 3462
 Delta R.T. -0.00 min
 Lab File: BM020022.D
 Acq: 23 Apr 2019 00:55

Tgt Ion:264 Resp: 383555
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 22.2 17.2 25.8

