

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
 Data File : BM020728.D
 Acq On : 05 Jun 2019 10:01
 Operator : HP/JU
 Sample : PB120300BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120300BL

Quant Time: Jun 05 18:27:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 05 18:16:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	264220	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	1004153	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	549536	20.00	ng	0.00
64) Phenanthrene-d10	17.20	188	1148644	20.00	ng	0.00
76) Chrysene-d12	21.37	240	1011994	20.00	ng	0.00
87) Perylene-d12	23.66	264	1171800	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1929056	128.43	ng	0.00
7) Phenol-d6	6.99	99	2623817	118.63	ng	0.00
23) Nitrobenzene-d5	8.98	82	1582785	81.67	ng	0.00
42) 2,4,6-Tribromophenol	15.94	330	877663	128.90	ng	0.00
45) 2-Fluorobiphenyl	13.08	172	3639074	88.04	ng	0.00
79) Terphenyl-d14	19.83	244	4656289	76.96	ng	0.00

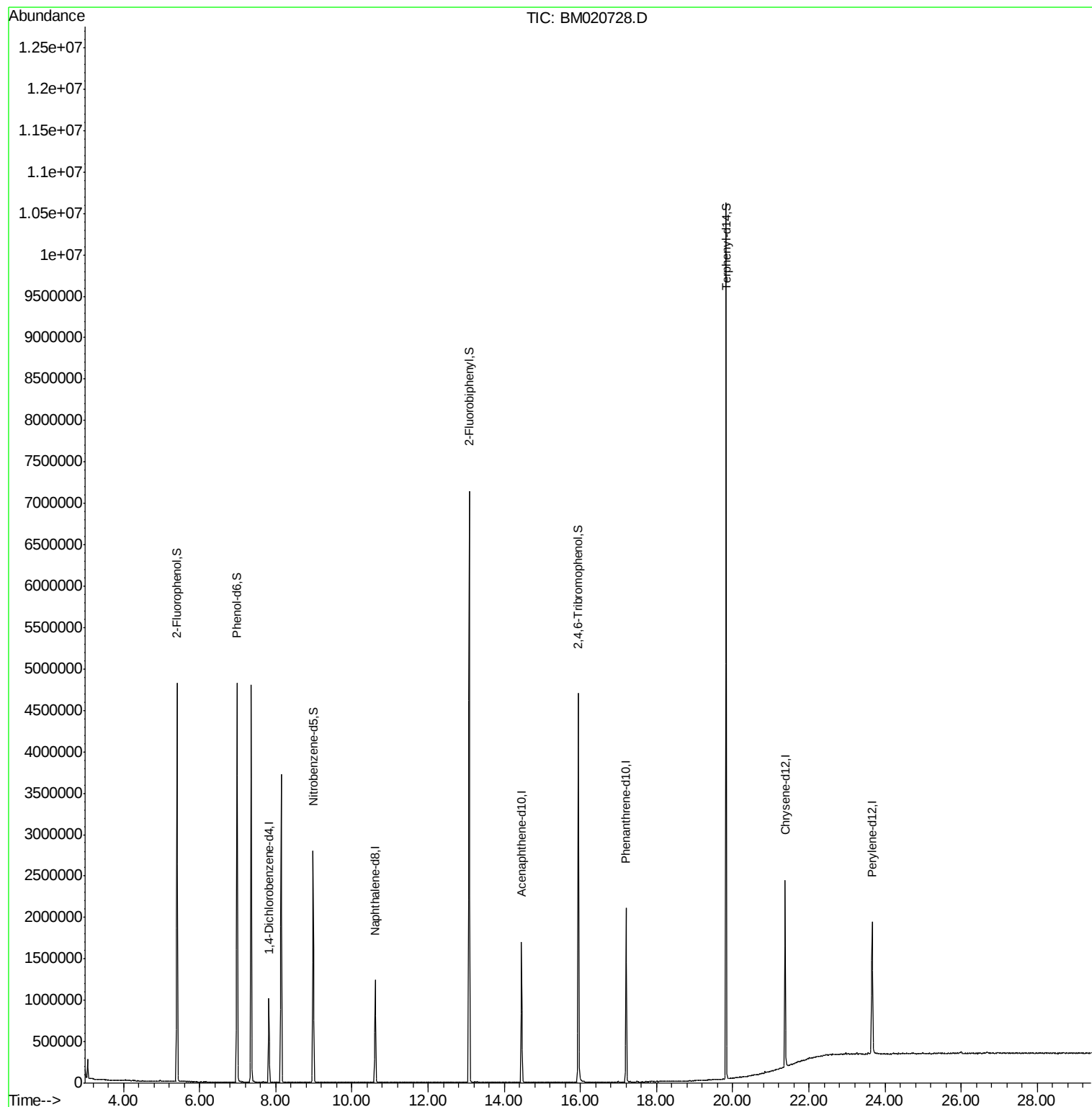
Target Compounds Qvalue

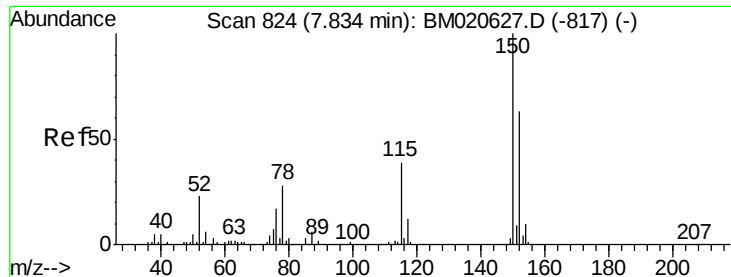
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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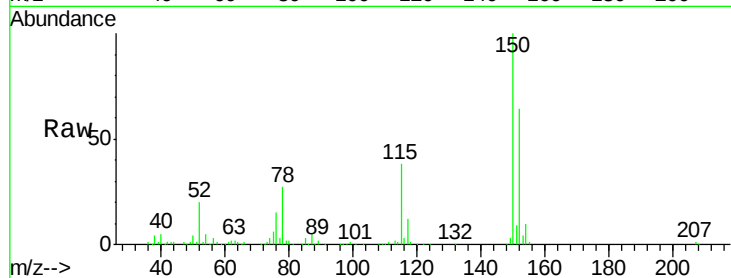


#1

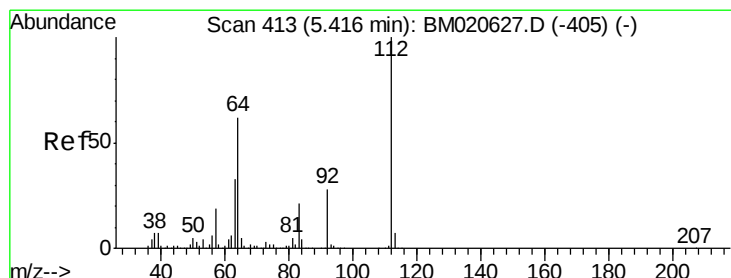
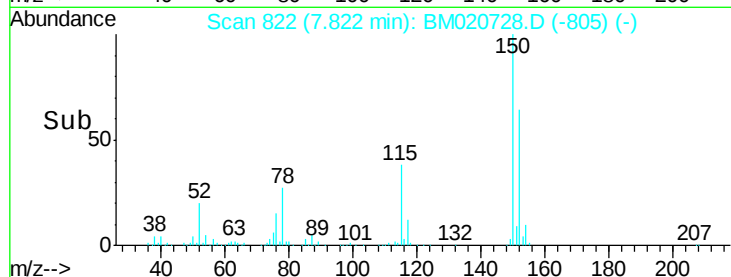
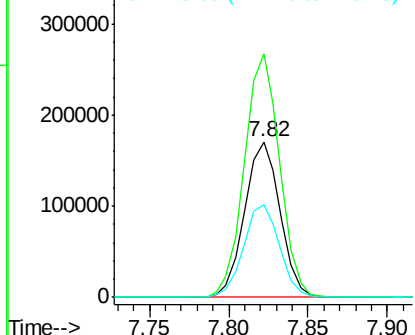
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.00 min
Lab File: BM020728.D
Acq: 05 Jun 2019 10:01

Instrument :
BNA_M
ClientSampleId :
PB120300BL

Tot Ion:152 Resp: 264220
Ion Ratio Lower Upper
152 100
150 156.5 124.0 186.0
115 59.6 47.0 70.6



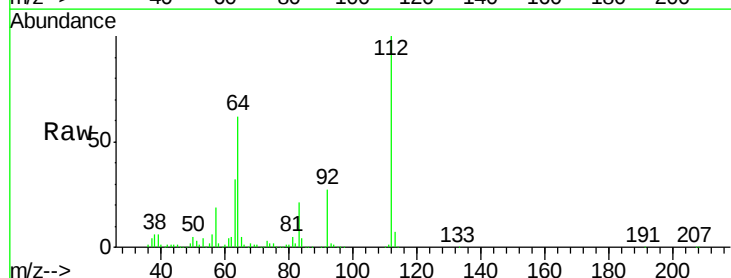
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



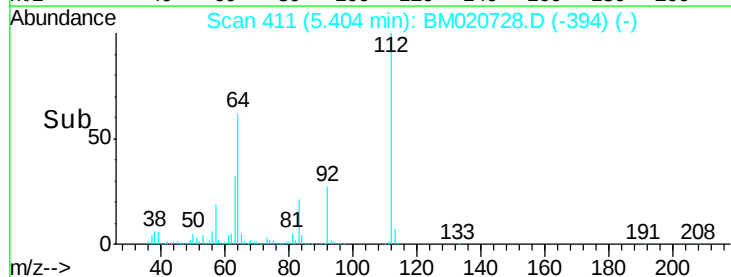
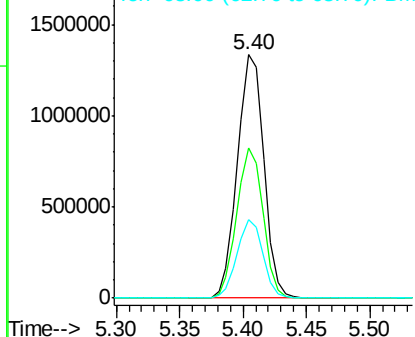
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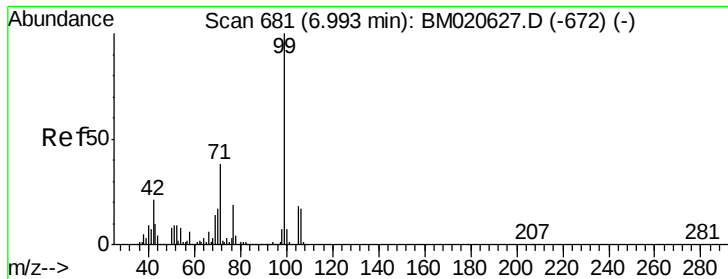
2-Fluorophenol
Concen: 128.428 ng
RT: 5.40 min Scan# 411
Delta R.T. -0.00 min
Lab File: BM020728.D
Acq: 05 Jun 2019 10:01

Tgt Ion:112 Resp: 1929056
Ion Ratio Lower Upper
112 100
64 61.7 47.8 71.8
63 32.2 25.4 38.0



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: 118.633 ng

RT: 6.99 min Scan# 680

Delta R.T. -0.00 min

Lab File: BM020728.D

Acq: 05 Jun 2019 10:01

Instrument :

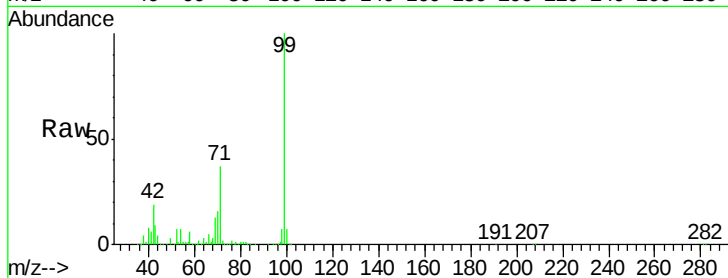
BNA_M

ClientSampleId :

PB120300BL

Tot Ion: 99 Resp: 2623817

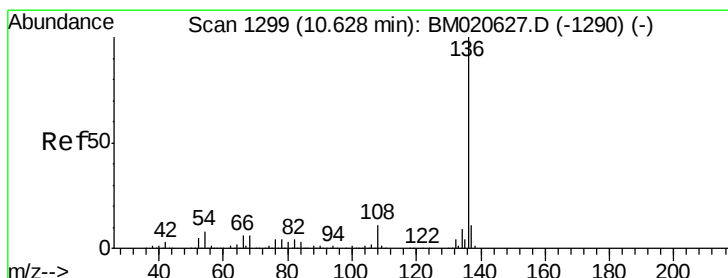
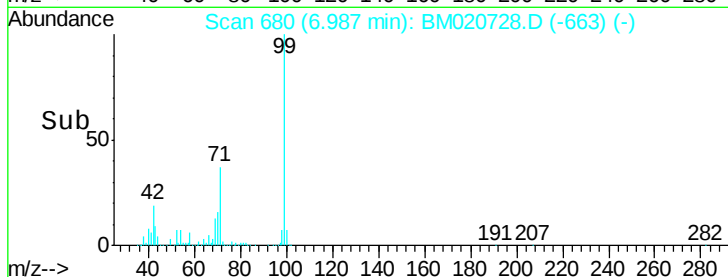
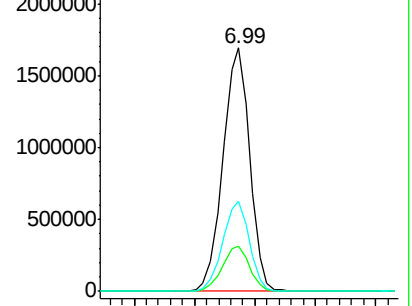
Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.8	22.2
71	36.9	29.5	44.3



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: 10.61 min Scan# 1296

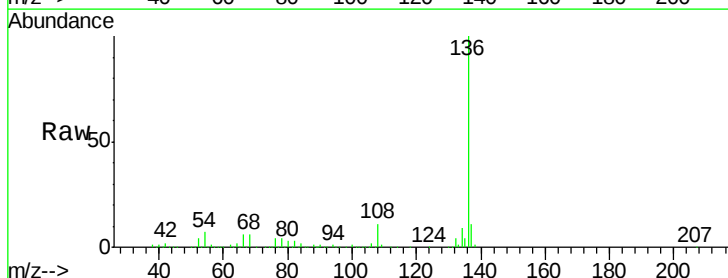
Delta R.T. -0.01 min

Lab File: BM020728.D

Acq: 05 Jun 2019 10:01

Tgt Ion: 136 Resp: 1004153

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.4	6.0	9.0
68	5.9	4.4	6.6

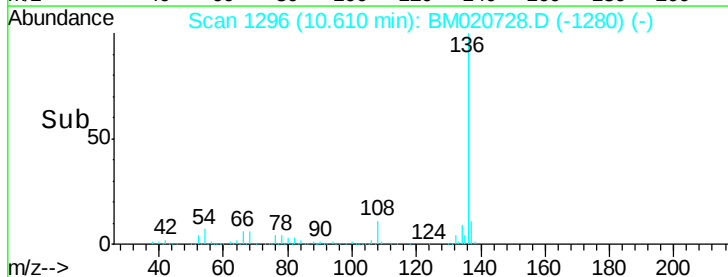
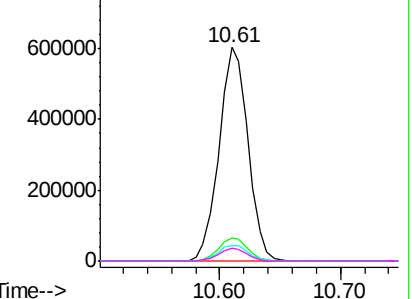


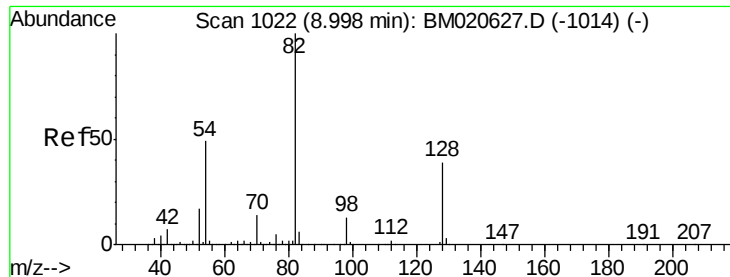
Abundance Ion 136.00 (135.70 to 136.70): E

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

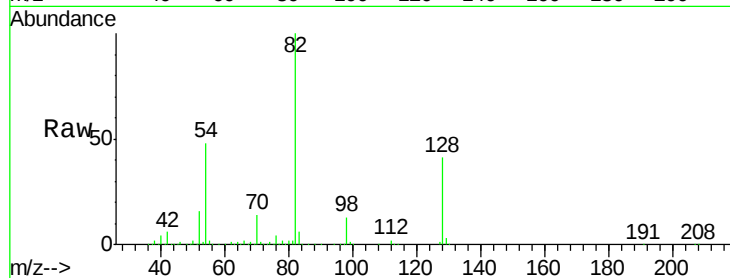




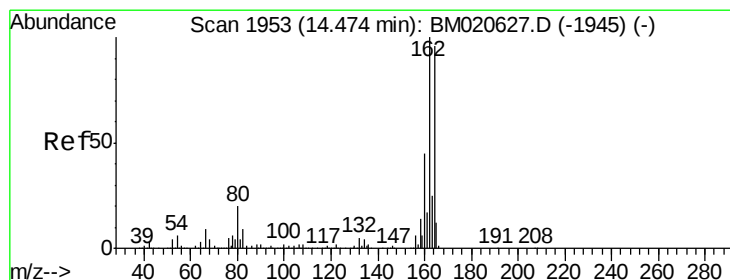
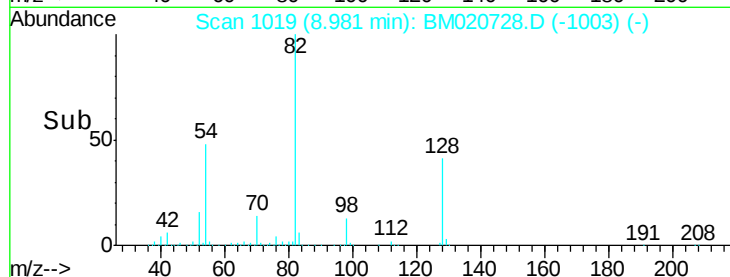
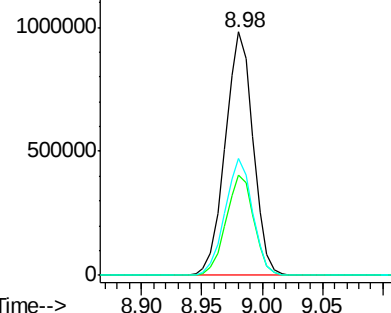
#23
Nitrobenzene-d5
Concen: 81.668 ng
RT: 8.98 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BM020728.D
Acq: 05 Jun 2019 10:01

Instrument :
BNA_M
ClientSampled :
PB120300BL

Tot Ion: 82 Resp: 1582785
Ion Ratio Lower Upper
82 100
128 41.1 33.2 49.8
54 48.1 37.7 56.5

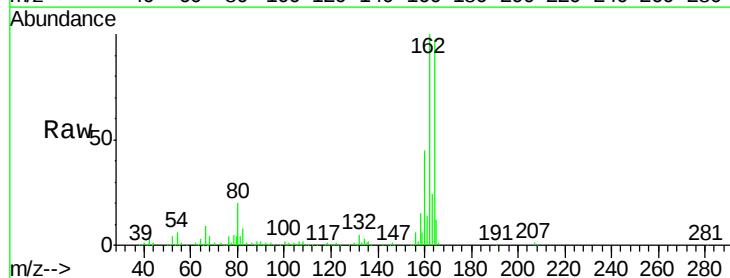


Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM0

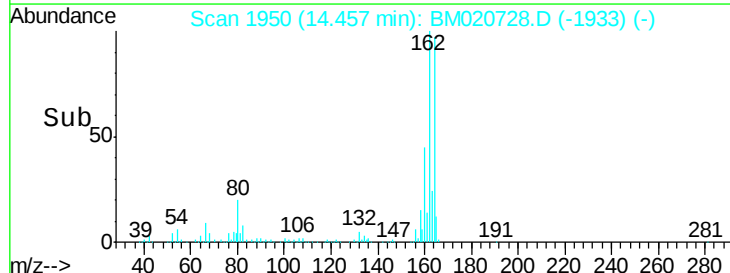
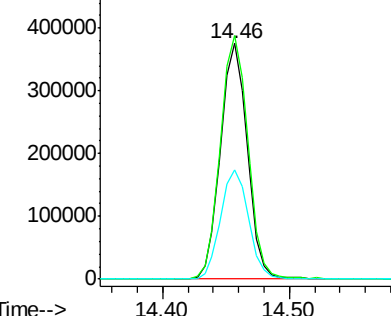


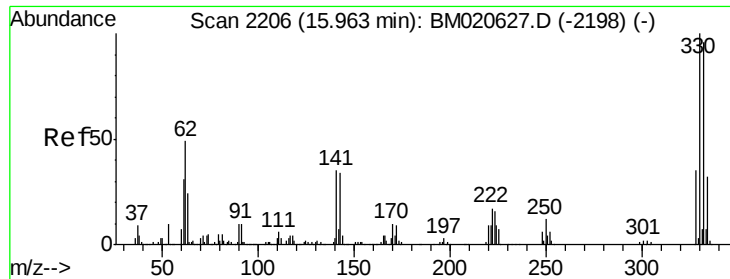
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BM020728.D
Acq: 05 Jun 2019 10:01

Tgt Ion:164 Resp: 549536
Ion Ratio Lower Upper
164 100
162 103.4 83.5 125.3
160 46.2 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

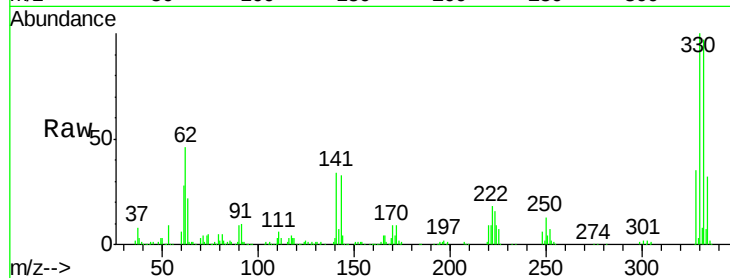




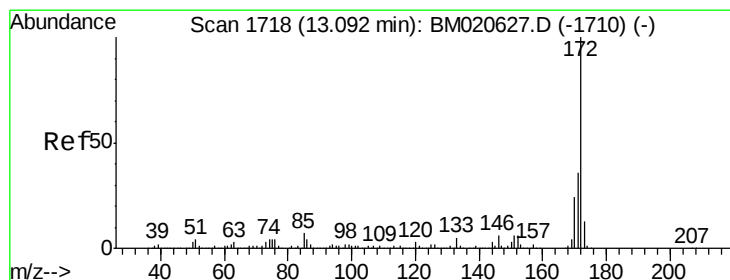
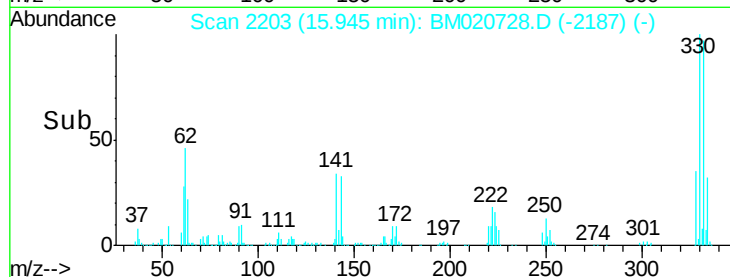
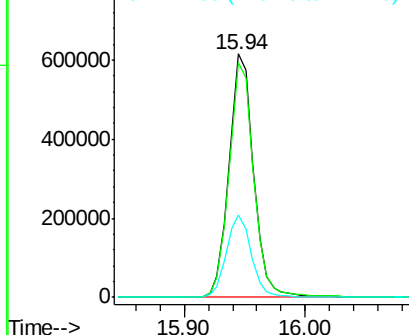
#42
 2,4,6-Tribromophenol
 Concen: 128.903 ng
 RT: 15.94 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BM020728.D
 Acq: 05 Jun 2019 10:01

Instrument :
 BNA_M
 ClientSampleId :
 PB120300BL

Tot Ion:330 Resp: 877663
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.4
 141 34.4 27.7 41.5

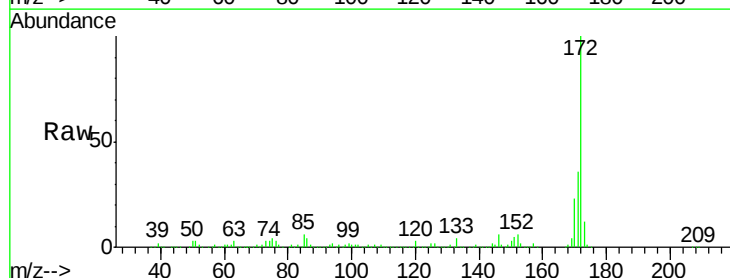


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

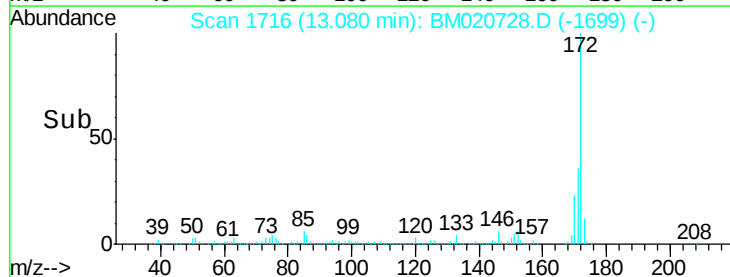
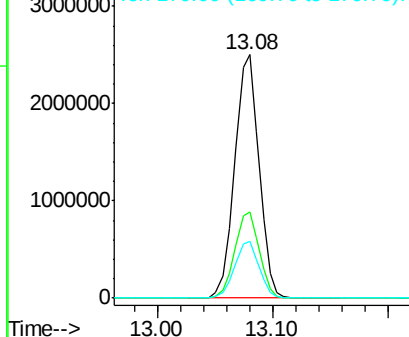


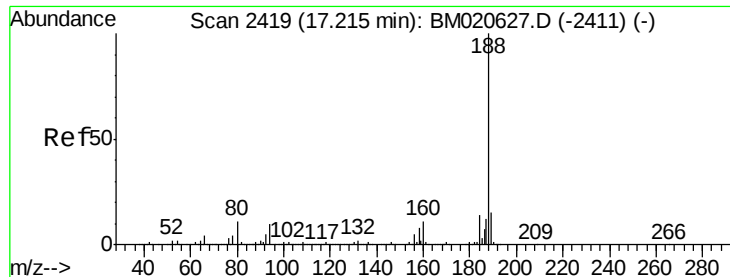
#45
 2-Fluorobiphenyl
 Concen: 88.037 ng
 RT: 13.08 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BM020728.D
 Acq: 05 Jun 2019 10:01

Tgt Ion:172 Resp: 3639074
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.8 43.2
 170 23.2 18.5 27.7



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. -0.00 min

Lab File: BM020728.D

Acq: 05 Jun 2019 10:01

Instrument :

BNA_M

ClientSampled :

PB120300BL

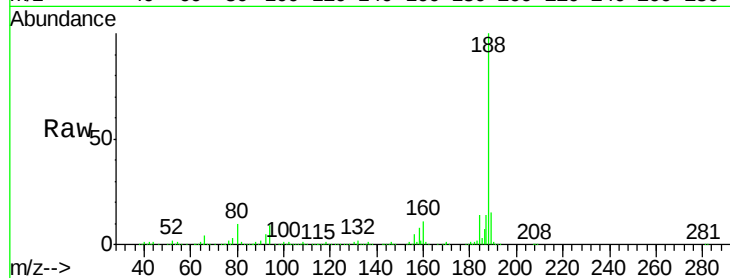
Tot Ion:188 Resp: 1148644

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.4

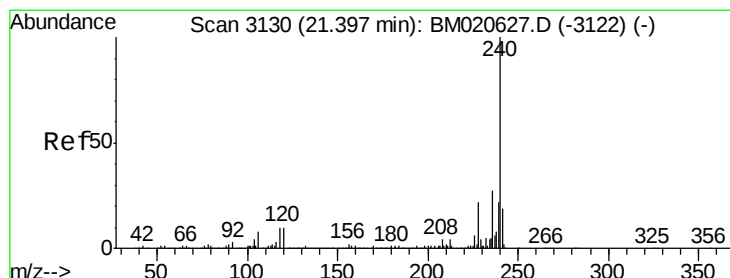
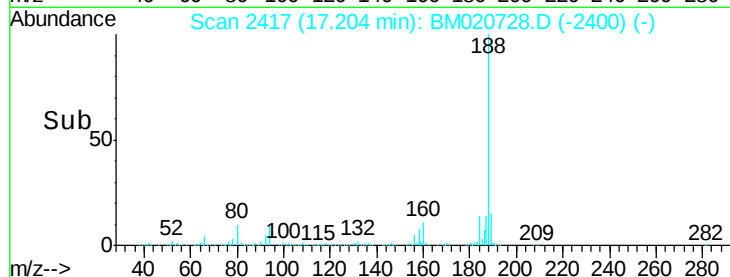
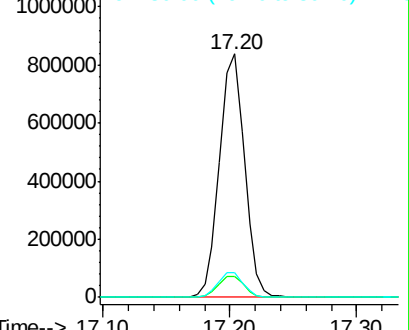
80 9.9 7.8 11.8



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: 21.37 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BM020728.D

Acq: 05 Jun 2019 10:01

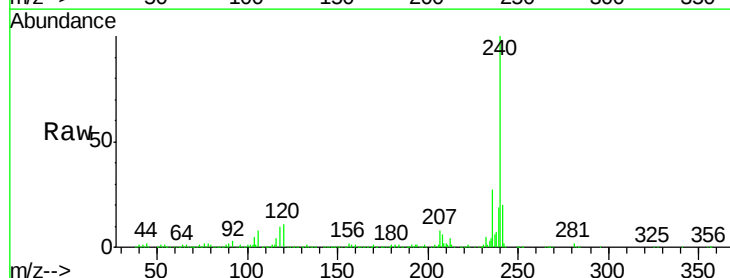
Tgt Ion:240 Resp: 1011994

Ion Ratio Lower Upper

240 100

120 10.7 8.4 12.6

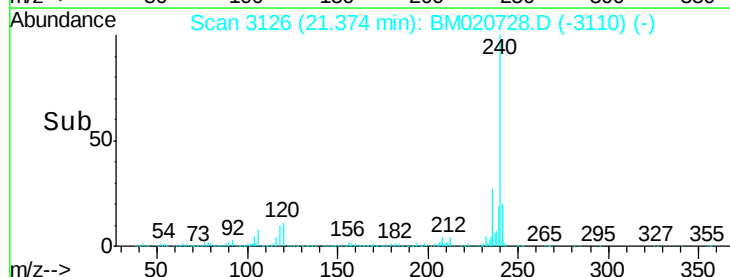
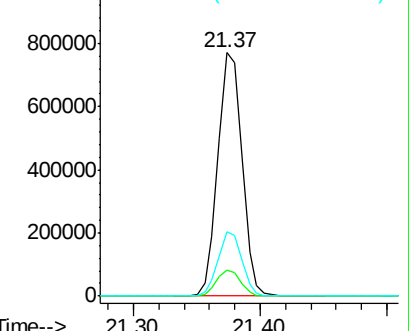
236 26.6 21.1 31.7

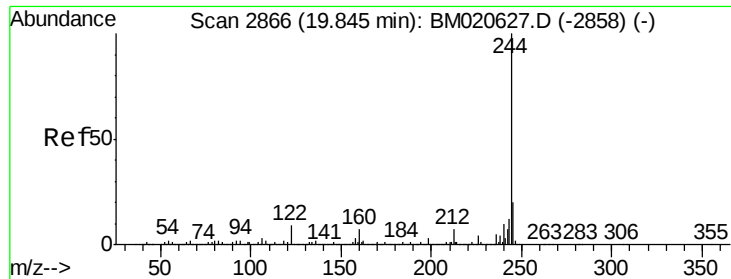


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



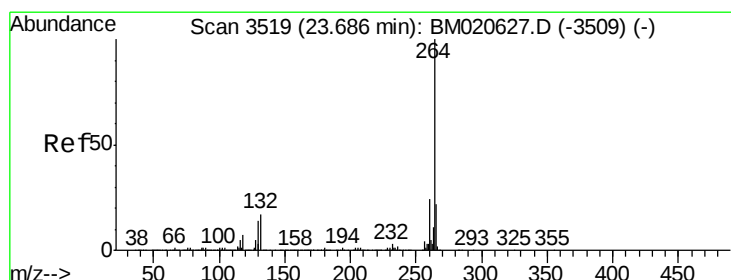
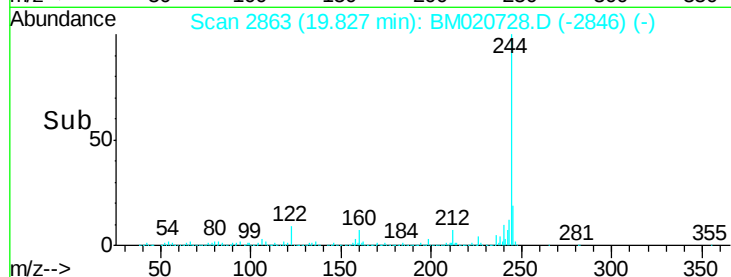
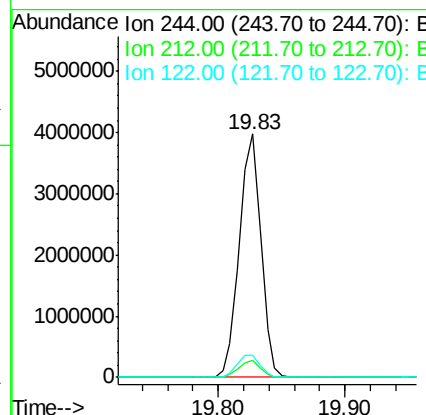
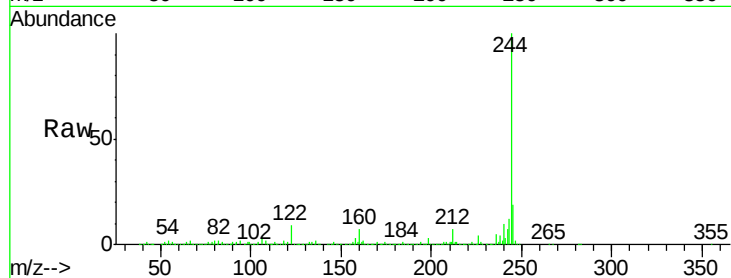


#79
 Terphenyl-d14
 Concen: 76.960 ng
 RT: 19.83 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: BM020728.D
 Acq: 05 Jun 2019 10:01

Instrument :
 BNA_M
 ClientSampleID :
 PB120300BL

Tot Ion:244 Resp: 4656289

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	9.3	7.4	11.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.66 min Scan# 3515
 Delta R.T. -0.01 min
 Lab File: BM020728.D
 Acq: 05 Jun 2019 10:01

Tgt Ion:264 Resp: 1171800

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	21.7	17.4	26.0

