

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092319\
 Data File : BM022743.D
 Acq On : 23 Sep 2019 16:33
 Operator : HP/JU
 Sample : PB123252BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB123252BL

Quant Time: Sep 24 07:08:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 24 07:00:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	312715	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1185061	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	718861	20.00	ng	0.00
64) Phenanthrene-d10	17.20	188	1552780	20.00	ng	0.00
76) Chrysene-d12	21.37	240	1480829	20.00	ng	0.00
87) Perylene-d12	23.65	264	1468630	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	2229728	113.08	ng	0.00
7) Phenol-d6	6.99	99	2977722	117.58	ng	0.00
23) Nitrobenzene-d5	8.98	82	1677022	78.55	ng	0.00
42) 2,4,6-Tribromophenol	15.94	330	1112736	124.00	ng	0.00
45) 2-Fluorobiphenyl	13.09	172	4098840	78.52	ng	0.00
79) Terphenyl-d14	19.82	244	6708714	87.73	ng	0.00

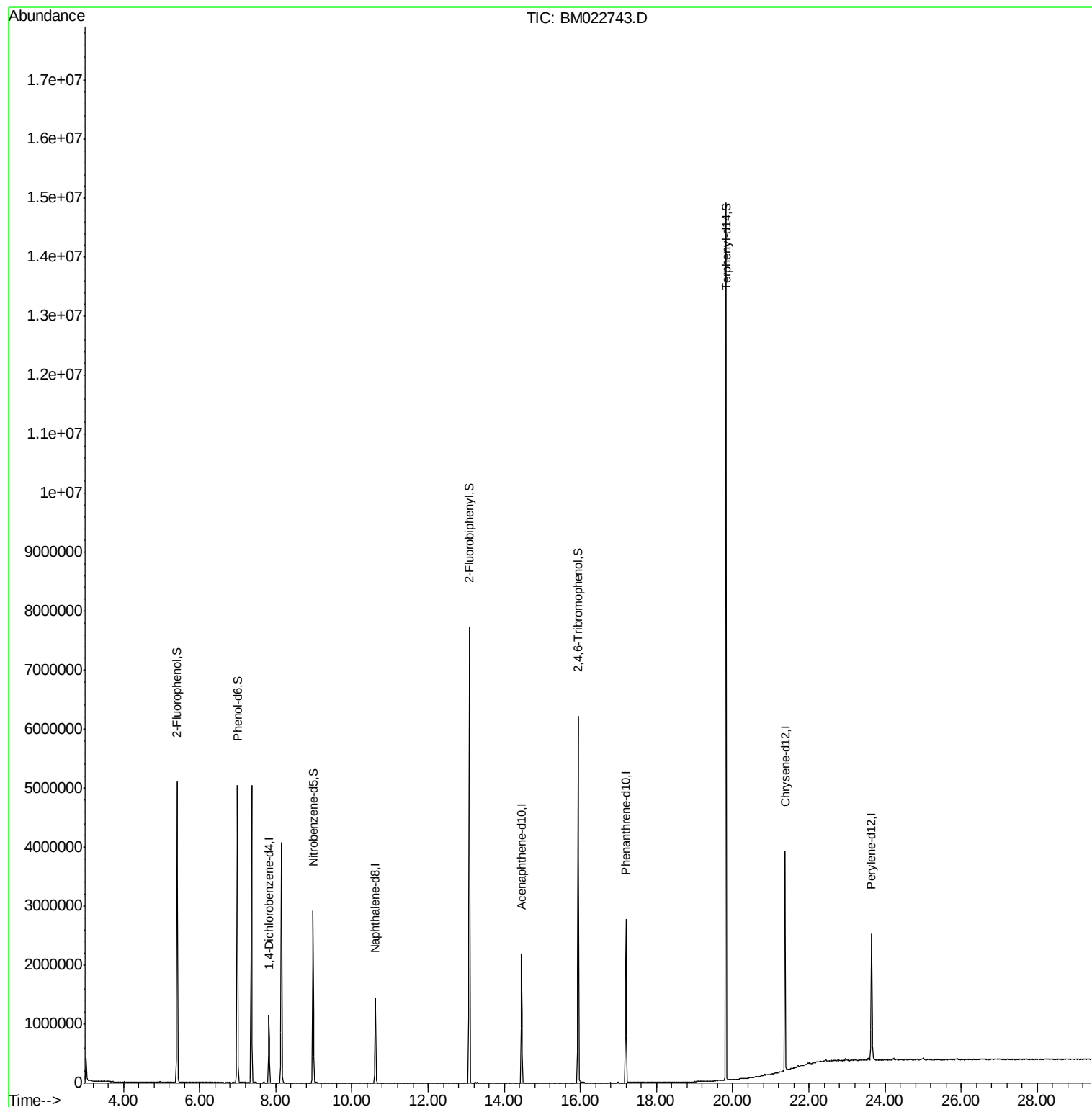
Target Compounds Qvalue

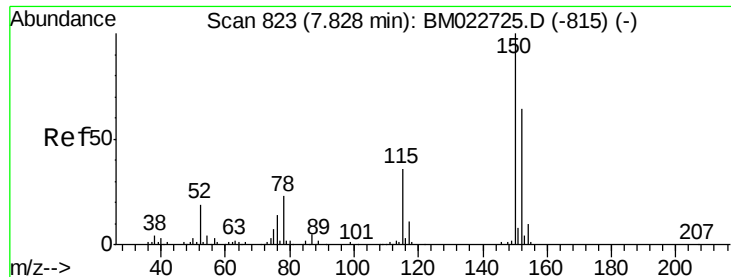
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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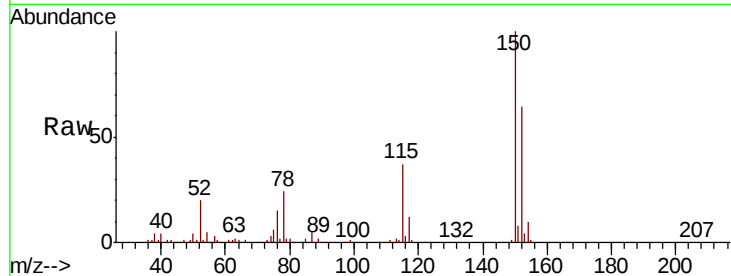


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM022743.D
Acq: 23 Sep 2019 16:33

Instrument :
BNA_M
ClientSampleId :
PB123252BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.5	186.7
115	57.0	45.0	67.4

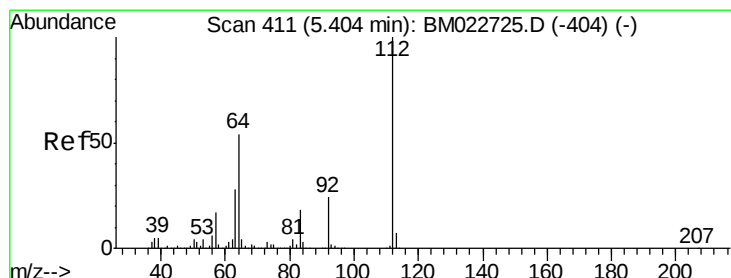
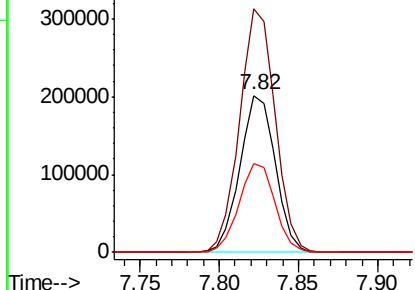
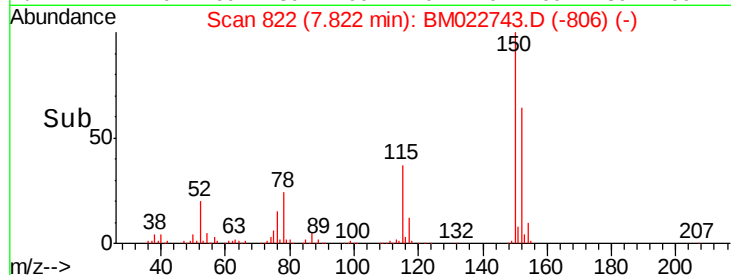


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

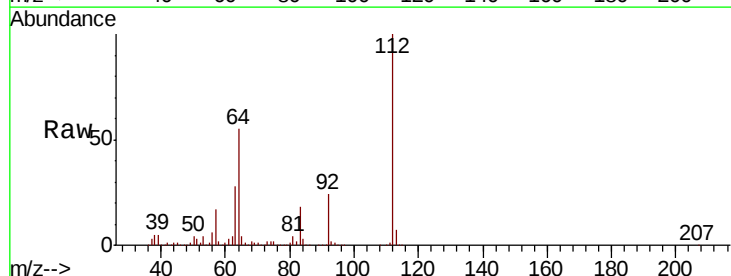
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 113.083 ng
RT: 5.41 min Scan# 412
Delta R.T. 0.01 min
Lab File: BM022743.D
Acq: 23 Sep 2019 16:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	43.4	65.2
63	27.9	22.1	33.1

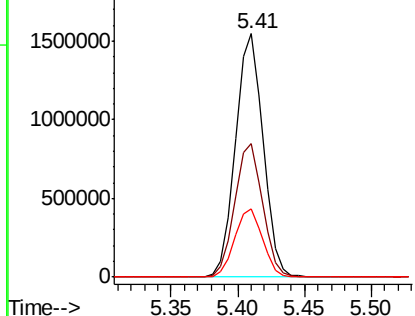
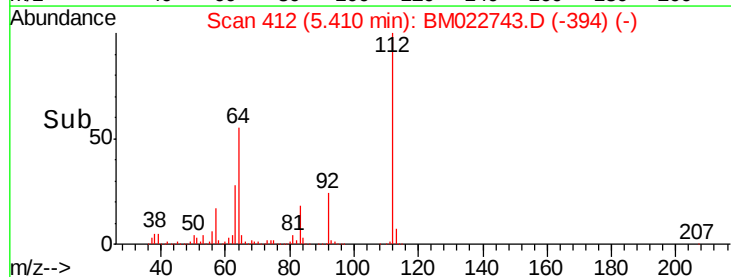


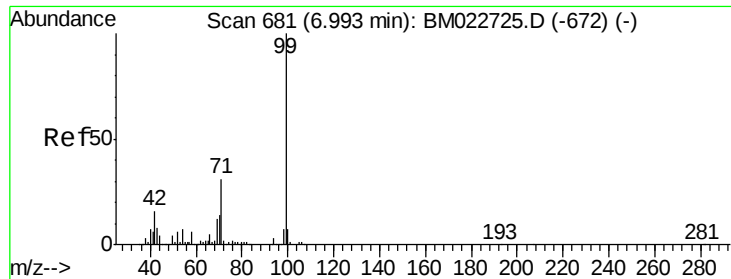
Abundance

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: 117.580 ng

RT: 6.99 min Scan# 681

Delta R.T. 0.00 min

Lab File: BM022743.D

Acq: 23 Sep 2019 16:33

Instrument :

BNA_M

ClientSampleId :

PB123252BL

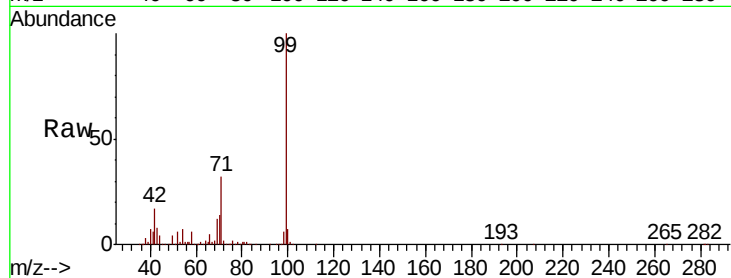
Tot Ion: 99 Resp: 2977722

Ion Ratio Lower Upper

99 100

42 16.6 13.0 19.4

71 31.8 24.7 37.1

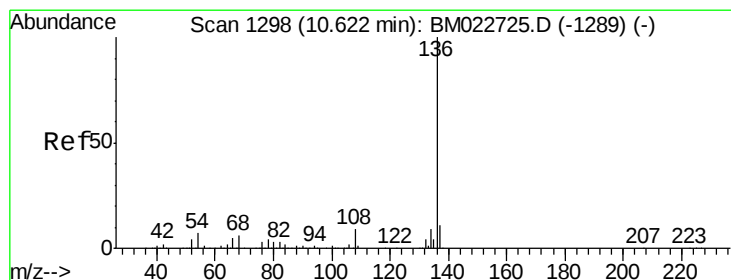
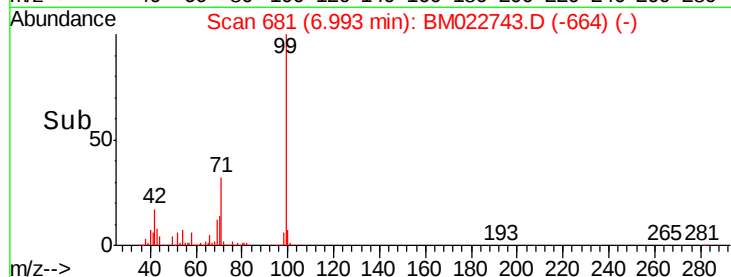
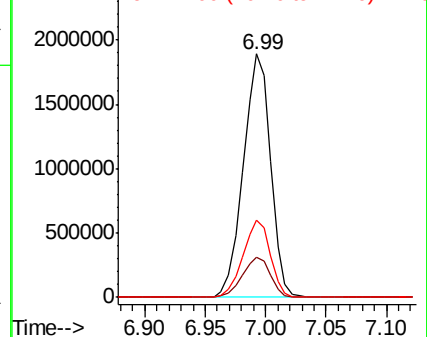


Abundance

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: 10.62 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BM022743.D

Acq: 23 Sep 2019 16:33

Tgt Ion: 136 Resp: 1185061

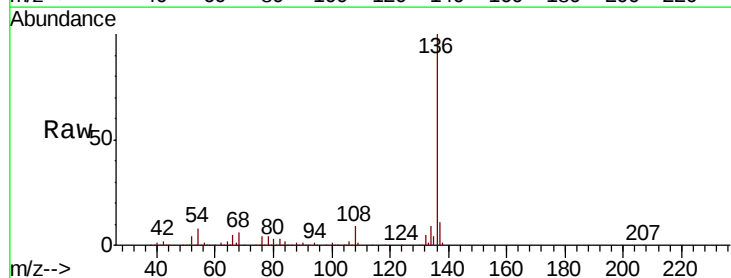
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 7.8 6.0 9.0

68 6.2 4.9 7.3



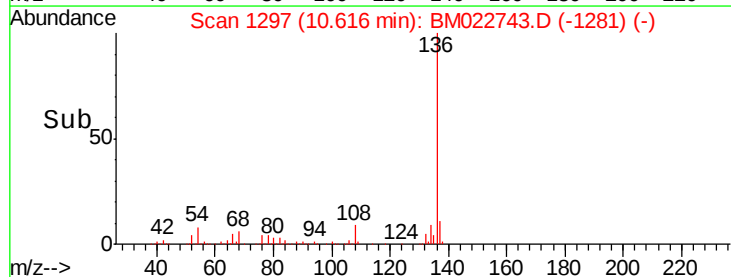
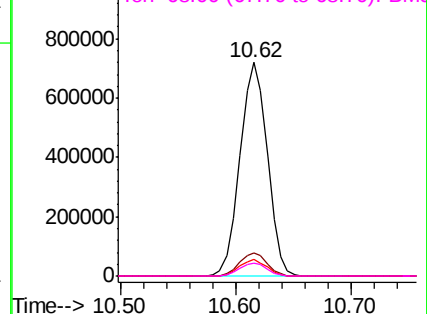
Abundance

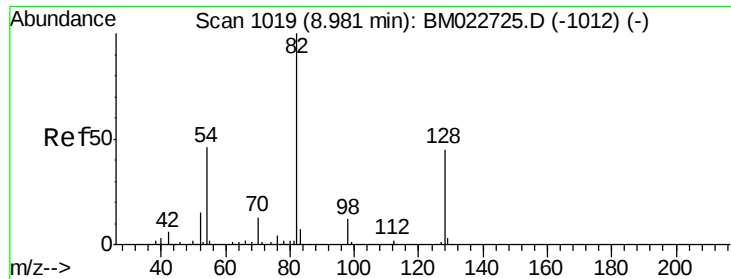
Ion 136.00 (135.70 to 136.70): E

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

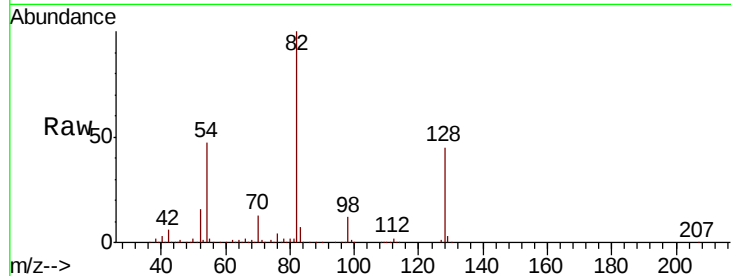




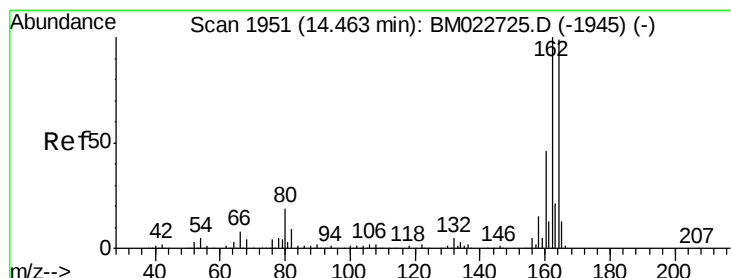
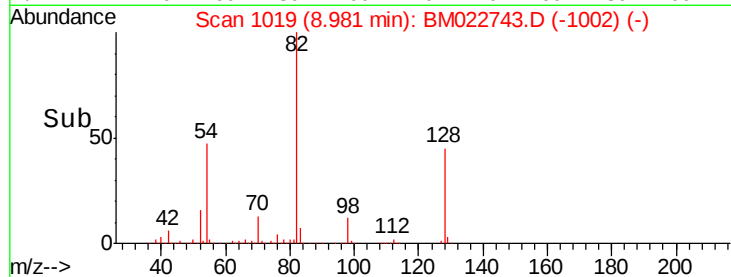
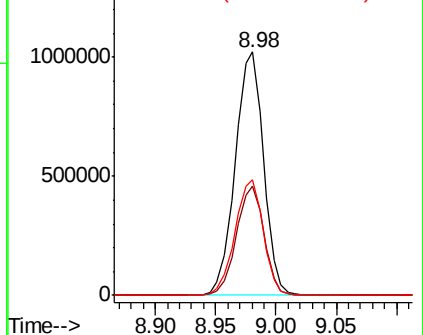
#23
 Nitrobenzene-d5
 Concen: 78.554 ng
 RT: 8.98 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BM022743.D
 Acq: 23 Sep 2019 16:33

Instrument :
 BNA_M
 ClientSampleId :
 PB123252BL

Tot Ion: 82 Resp: 1677022
 Ion Ratio Lower Upper
 82 100
 128 44.8 36.0 54.0
 54 47.2 37.1 55.7

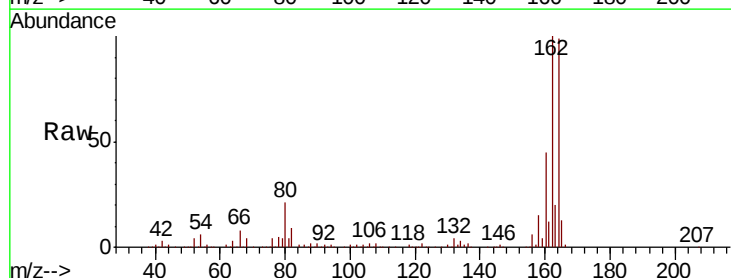


Abundance Ion 82.00 (81.70 to 82.70): BM022725.D (-1012) (-)
 Ion 128.00 (127.70 to 128.70): BM022725.D (-1012) (-)
 Ion 54.00 (53.70 to 54.70): BM022725.D (-1012) (-)

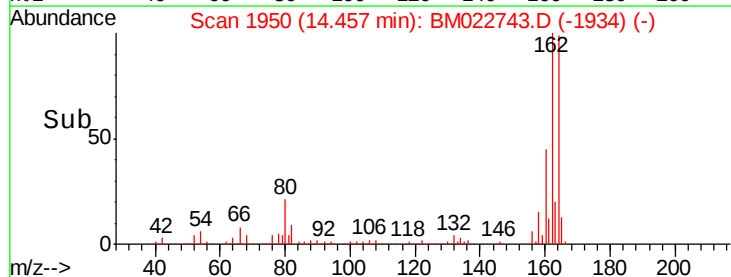
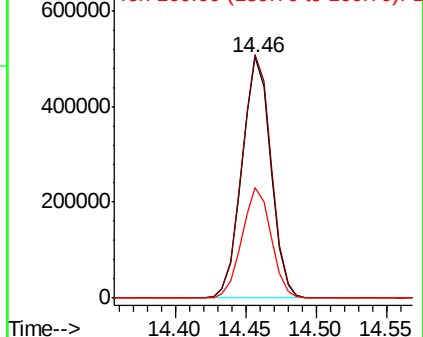


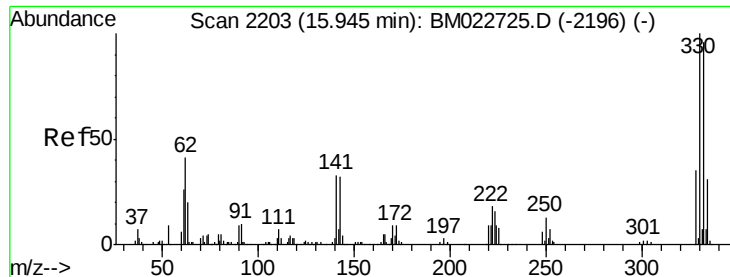
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BM022743.D
 Acq: 23 Sep 2019 16:33

Tgt Ion:164 Resp: 718861
 Ion Ratio Lower Upper
 164 100
 162 101.2 81.1 121.7
 160 45.8 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): BM022725.D (-1945) (-)
 Ion 162.00 (161.70 to 162.70): BM022725.D (-1945) (-)
 Ion 160.00 (159.70 to 160.70): BM022725.D (-1945) (-)

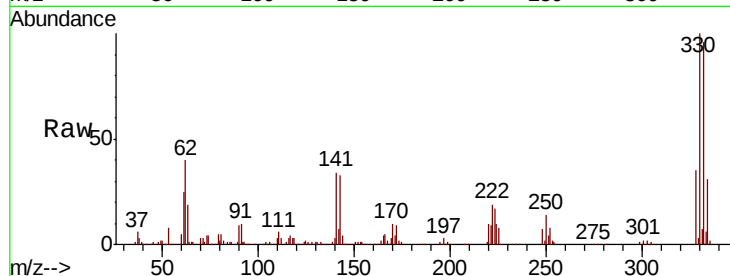




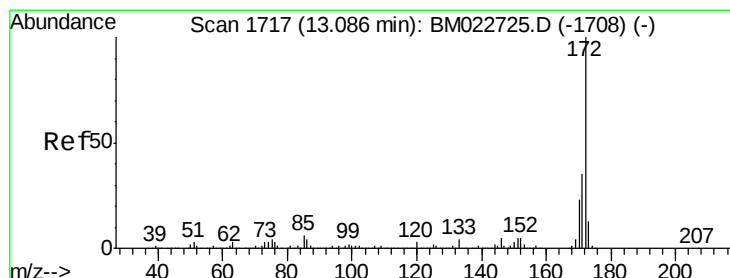
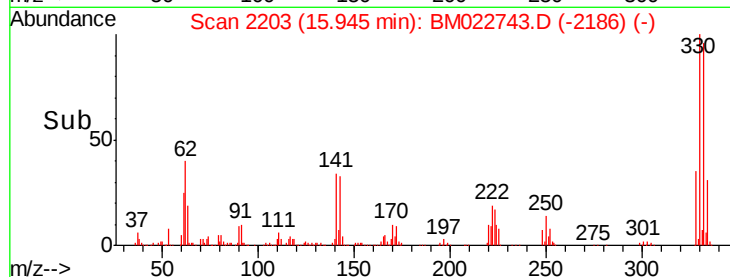
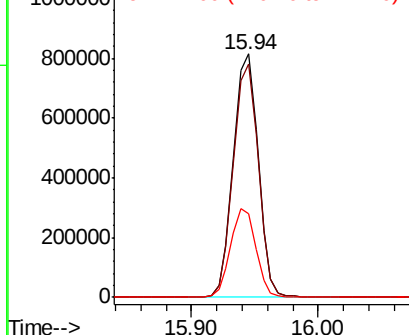
#42
 2,4,6-Tribromophenol
 Concen: 123.998 ng
 RT: 15.94 min Scan# 2203
 Delta R.T. 0.00 min
 Lab File: BM022743.D
 Acq: 23 Sep 2019 16:33

Instrument :
 BNA_M
 ClientSampleId :
 PB123252BL

Tot Ion:330 Resp: 1112736
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.9 115.3
 141 37.1 28.6 42.8

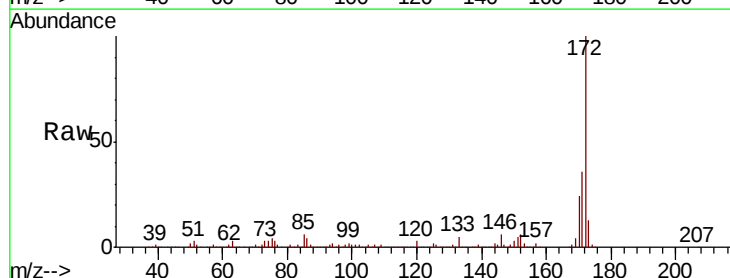


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

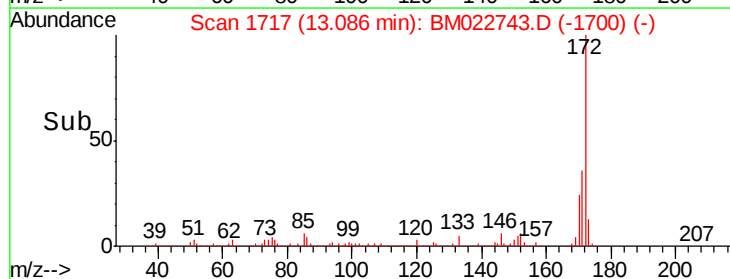
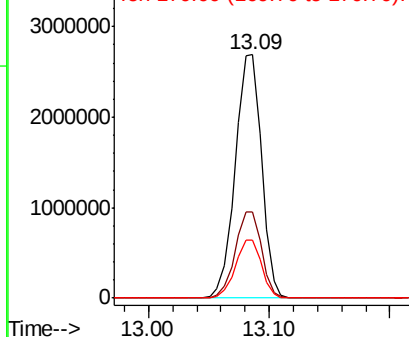


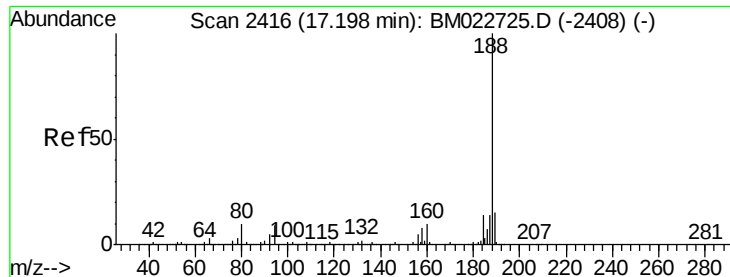
#45
 2-Fluorobiphenyl
 Concen: 78.517 ng
 RT: 13.09 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BM022743.D
 Acq: 23 Sep 2019 16:33

Tgt Ion:172 Resp: 4098840
 Ion Ratio Lower Upper
 172 100
 171 35.6 27.8 41.8
 170 23.9 18.7 28.1



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

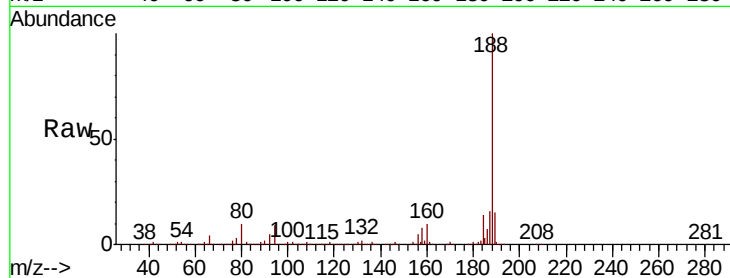




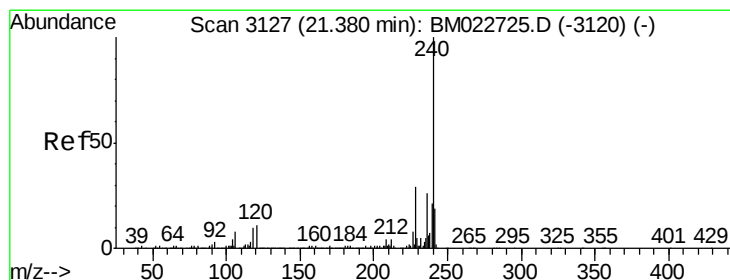
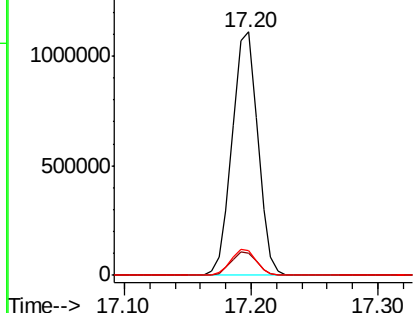
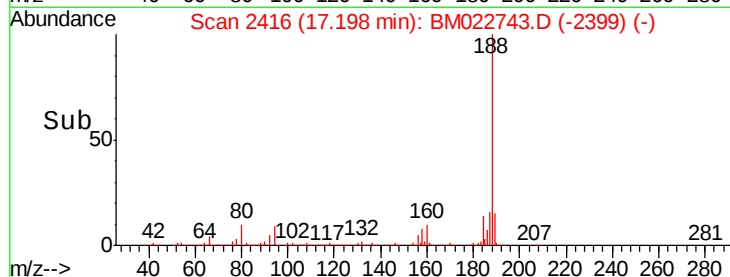
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BM022743.D
Acq: 23 Sep 2019 16:33

Instrument :
BNA_M
ClientSampleId :
PB123252BL

Tot Ion:188 Resp: 1552780
Ion Ratio Lower Upper
188 100
94 9.3 7.3 10.9
80 10.1 7.8 11.8

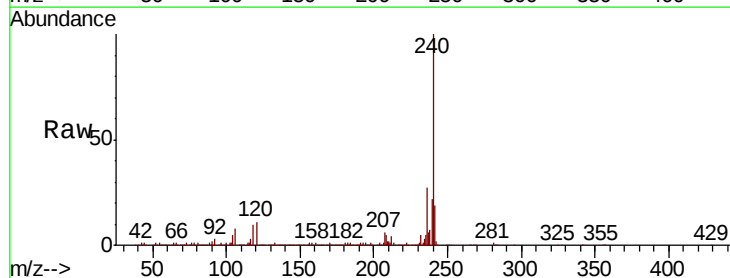


Abundance Ion 188.00 (187.70 to 188.70): E
1500000
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

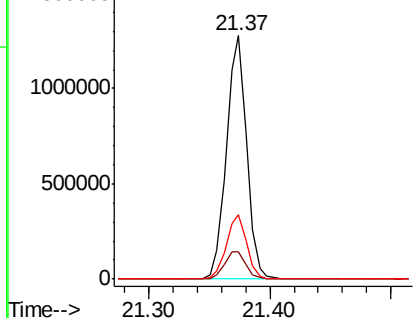
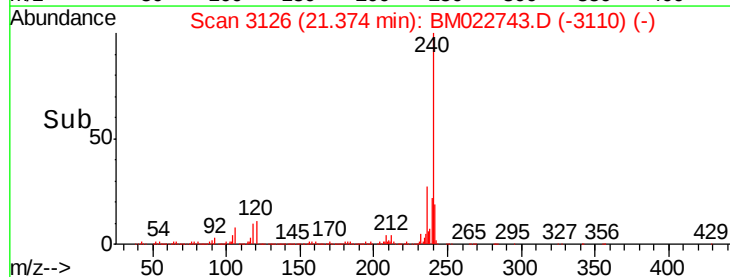


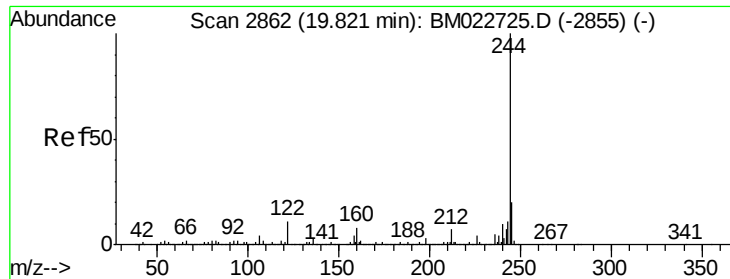
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.37 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BM022743.D
Acq: 23 Sep 2019 16:33

Tgt Ion:240 Resp: 1480829
Ion Ratio Lower Upper
240 100
120 11.4 8.8 13.2
236 26.5 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E
1500000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 87.725 ng

RT: 19.82 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BM022743.D

Acq: 23 Sep 2019 16:33

Instrument :

BNA_M

ClientSampleId :

PB123252BL

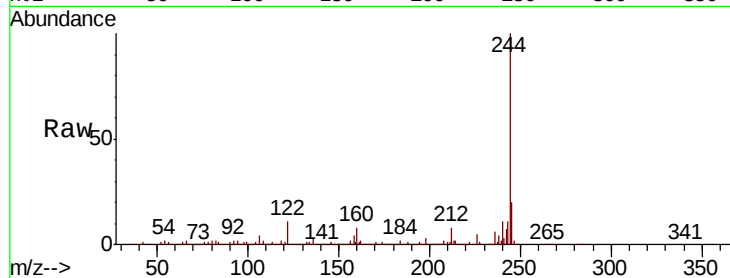
Tot Ion:244 Resp: 6708714

Ion Ratio Lower Upper

244 100

212 8.3 5.9 8.9

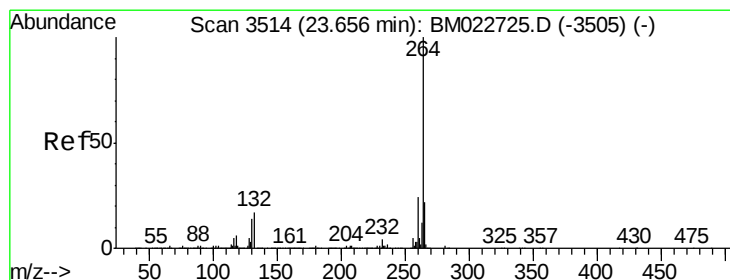
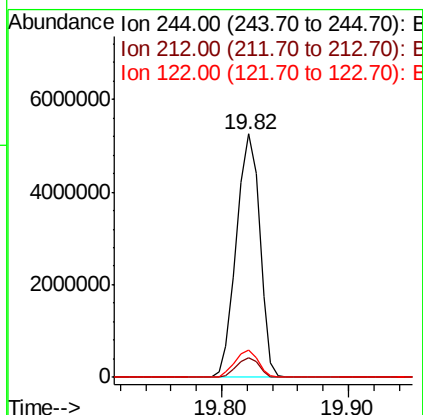
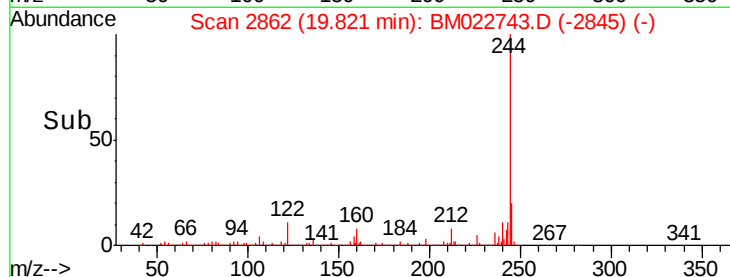
122 11.2 9.0 13.4



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: 23.65 min Scan# 3513

Delta R.T. -0.01 min

Lab File: BM022743.D

Acq: 23 Sep 2019 16:33

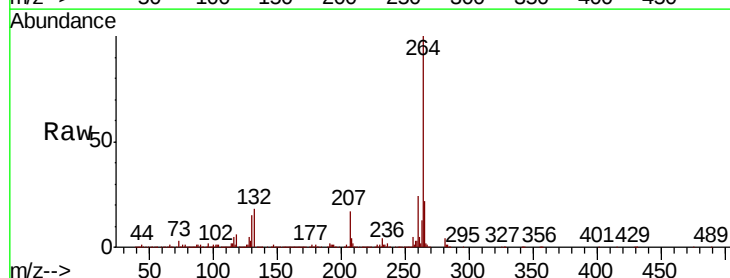
Tgt Ion:264 Resp: 1468630

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 21.9 17.9 26.9



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

