

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092319\
 Data File : BM022744.D
 Acq On : 23 Sep 2019 17:10
 Operator : HP/JU
 Sample : PB123253BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB123253BL

Quant Time: Sep 24 07:08:35 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	275311	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1053952	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	646311	20.00	ng	0.00
64) Phenanthrene-d10	17.20	188	1412549	20.00	ng	0.00
76) Chrysene-d12	21.37	240	1438522	20.00	ng	0.00
87) Perylene-d12	23.64	264	1583790	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1994817	114.91	ng	0.00
7) Phenol-d6	6.99	99	2689133	120.61	ng	0.00
23) Nitrobenzene-d5	8.97	82	1491261	78.54	ng	0.00
42) 2,4,6-Tribromophenol	15.94	330	1000196	123.97	ng	0.00
45) 2-Fluorobiphenyl	13.08	172	3677498	78.35	ng	0.00
79) Terphenyl-d14	19.82	244	6378279	85.86	ng	0.00

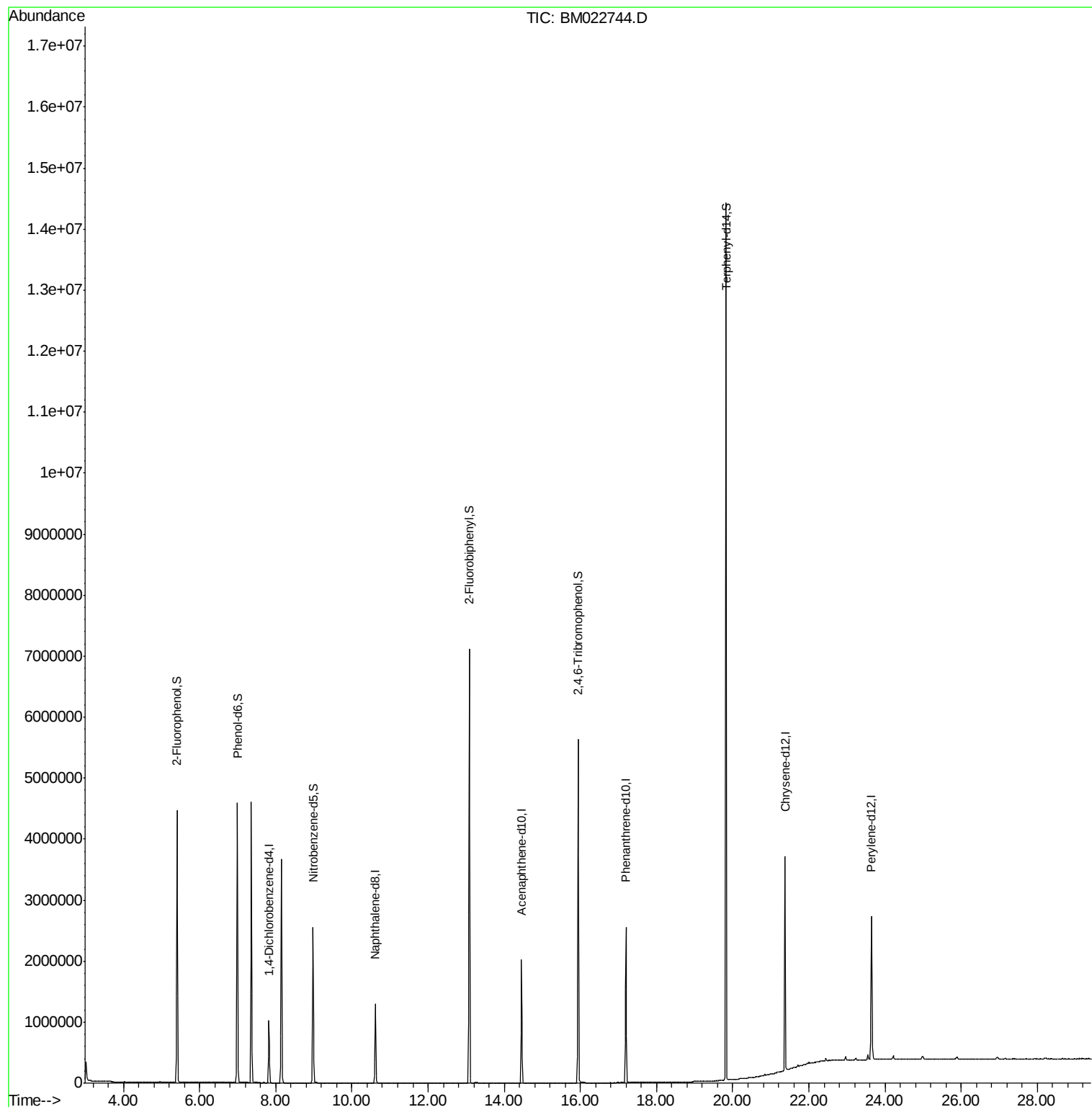
Target Compounds Qvalue

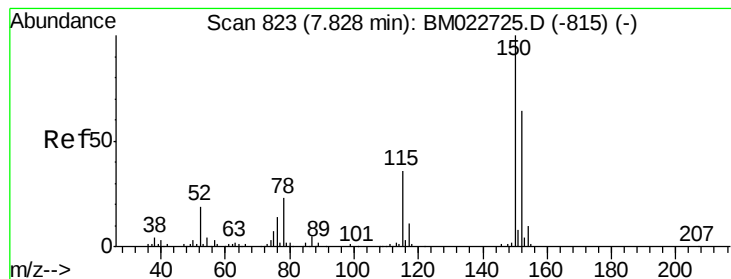
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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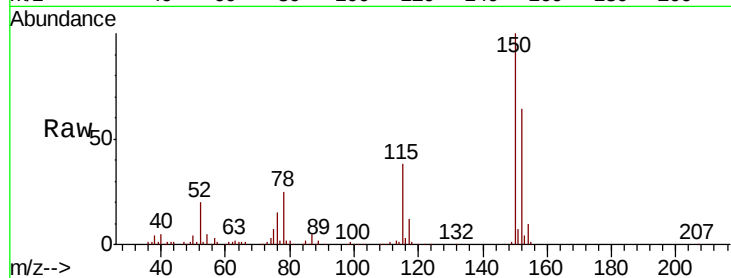


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM022744.D
Acq: 23 Sep 2019 17:10

Instrument :
BNA_M
ClientSampleId :
PB123253BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.5	186.7
115	58.8	45.0	67.4

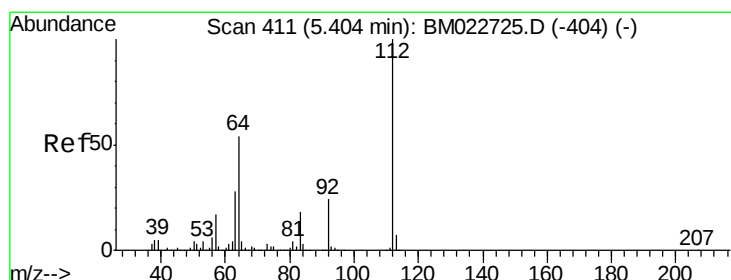
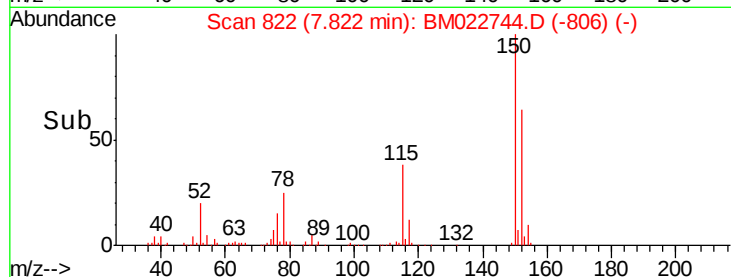
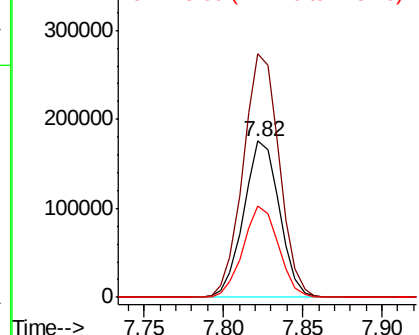


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

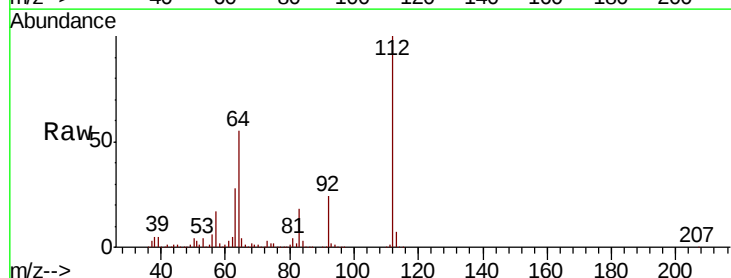
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 114.914 ng
RT: 5.41 min Scan# 412
Delta R.T. 0.01 min
Lab File: BM022744.D
Acq: 23 Sep 2019 17:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	43.4	65.2
63	28.1	22.1	33.1

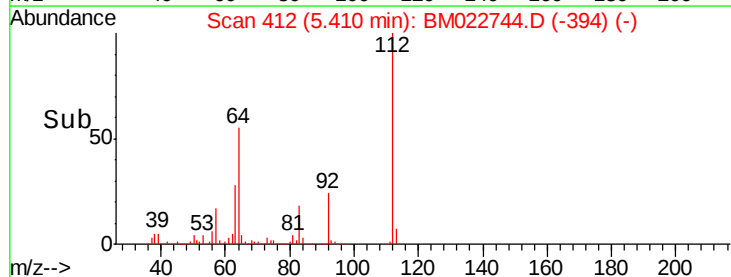
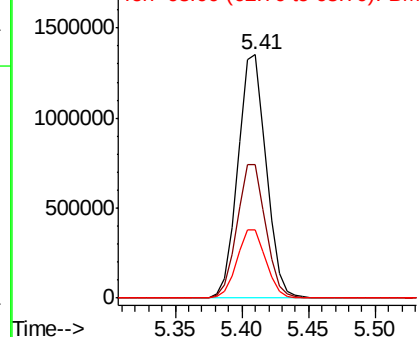


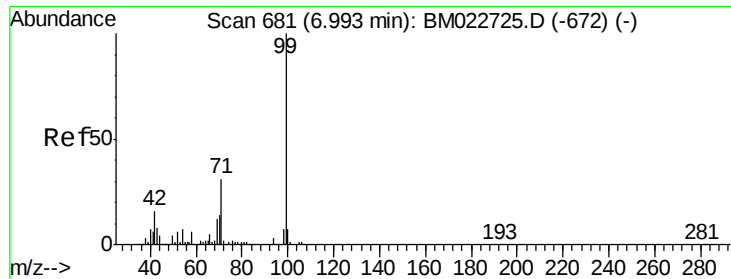
Abundance

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: 120.611 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM022744.D

Acq: 23 Sep 2019 17:10

Instrument :

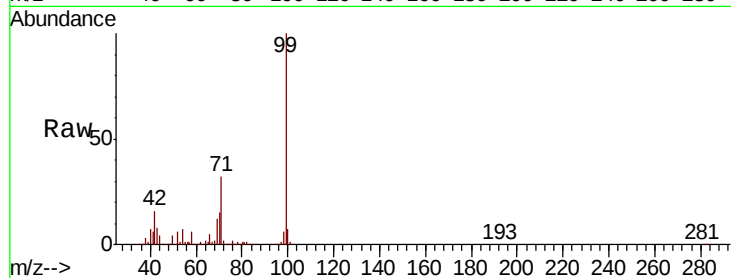
BNA_M

ClientSampleId :

PB123253BL

Tot Ion: 99 Resp: 2689133

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.0	19.4
71	32.1	24.7	37.1

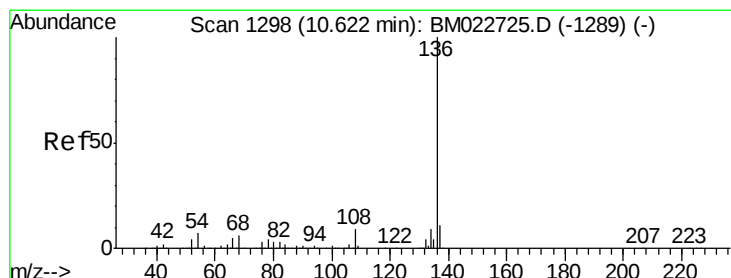
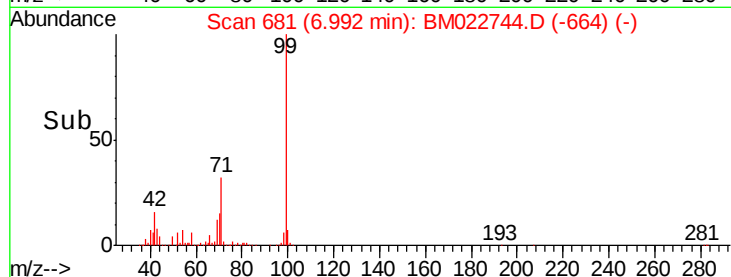
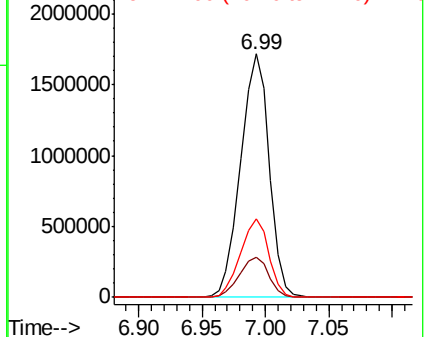


Abundance

Ion 99.00 (98.70 to 99.70): BM022725.D (-672) (-)

Ion 42.00 (41.70 to 42.70): BM022725.D (-672) (-)

Ion 71.00 (70.70 to 71.70): BM022725.D (-672) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.62 min Scan# 1297

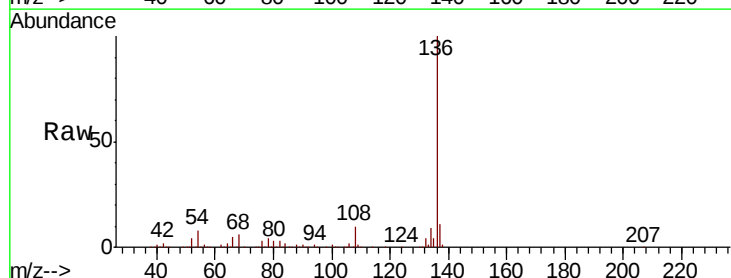
Delta R.T. -0.01 min

Lab File: BM022744.D

Acq: 23 Sep 2019 17:10

Tgt Ion: 136 Resp: 1053952

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.6	6.0	9.0
68	6.2	4.9	7.3



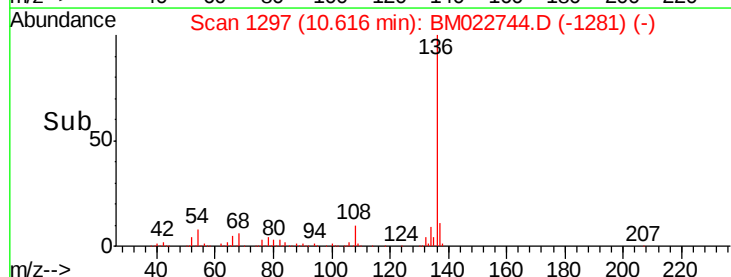
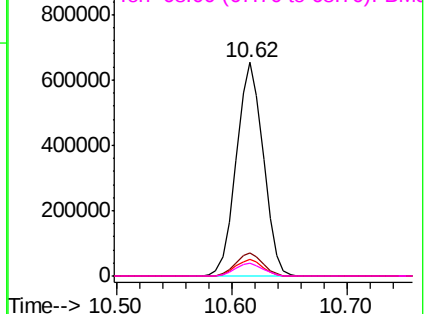
Abundance

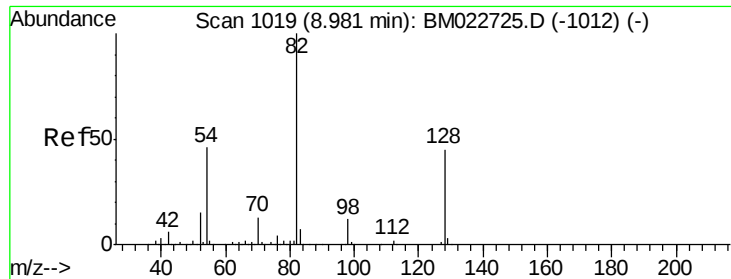
Ion 136.00 (135.70 to 136.70): BM022725.D (-1289) (-)

Ion 137.00 (136.70 to 137.70): BM022725.D (-1289) (-)

Ion 54.00 (53.70 to 54.70): BM022725.D (-1289) (-)

Ion 68.00 (67.70 to 68.70): BM022725.D (-1289) (-)

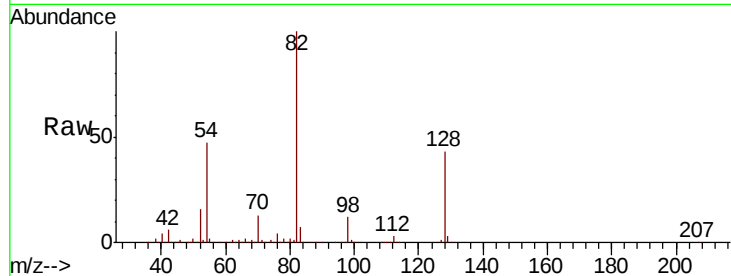




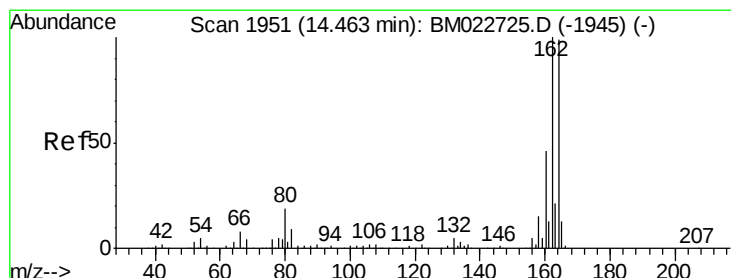
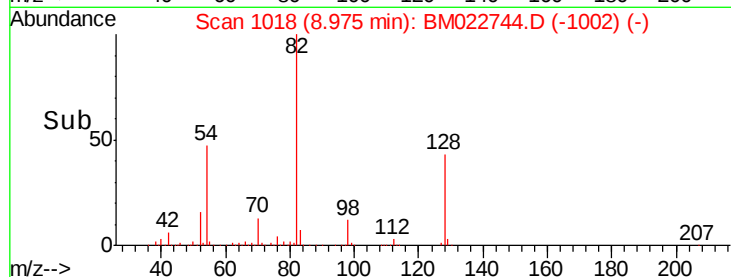
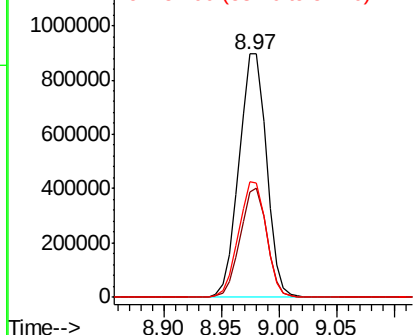
#23
 Nitrobenzene-d5
 Concen: 78.542 ng
 RT: 8.97 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BM022744.D
 Acq: 23 Sep 2019 17:10

Instrument :
 BNA_M
 ClientSampleId :
 PB123253BL

Tot Ion: 82 Resp: 1491261
 Ion Ratio Lower Upper
 82 100
 128 43.2 36.0 54.0
 54 47.4 37.1 55.7

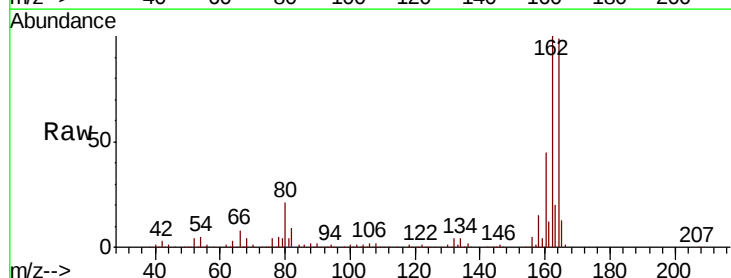


Abundance Ion 82.00 (81.70 to 82.70): BM022725.D (-1012) (-)
 Ion 128.00 (127.70 to 128.70): BM022725.D (-1012) (-)
 Ion 54.00 (53.70 to 54.70): BM022725.D (-1012) (-)

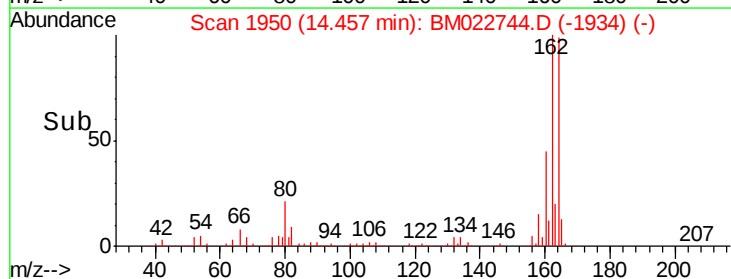
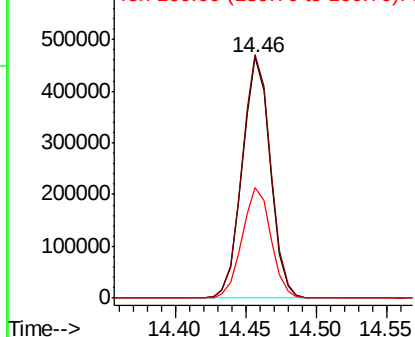


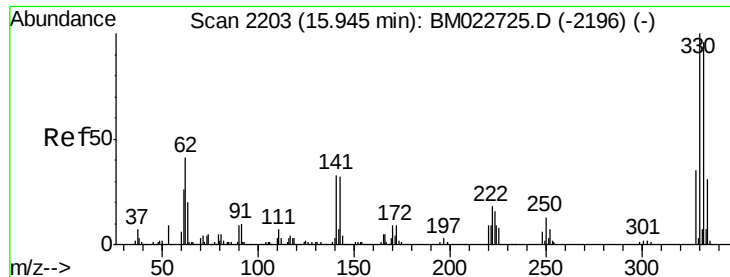
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BM022744.D
 Acq: 23 Sep 2019 17:10

Tgt Ion:164 Resp: 646311
 Ion Ratio Lower Upper
 164 100
 162 101.0 81.1 121.7
 160 45.9 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) (-)

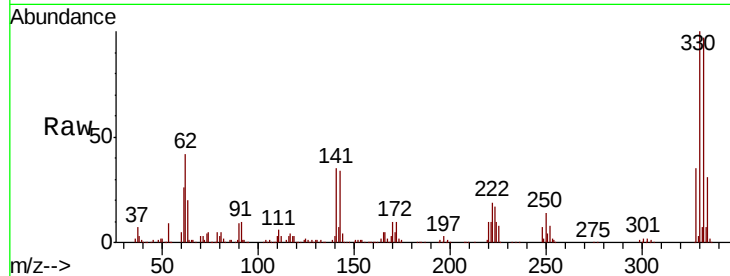




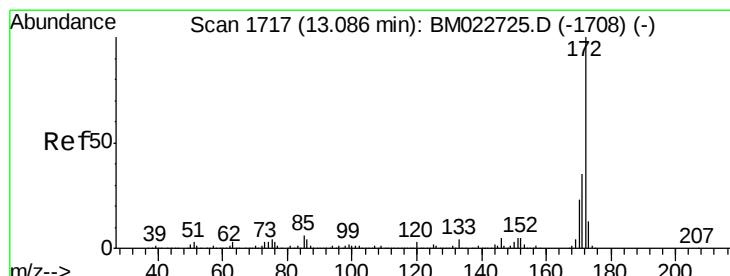
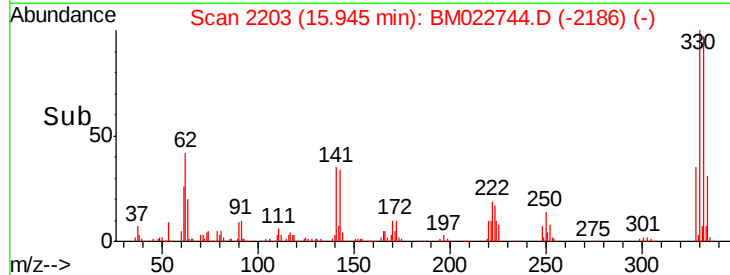
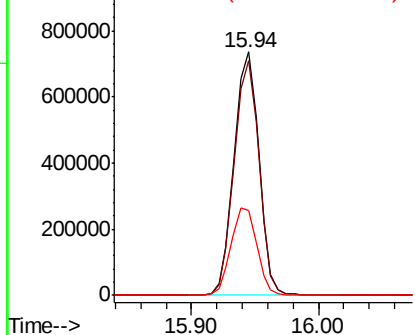
#42
 2,4,6-Tribromophenol
 Concen: 123.968 ng
 RT: 15.94 min Scan# 2203
 Delta R.T. -0.00 min
 Lab File: BM022744.D
 Acq: 23 Sep 2019 17:10

Instrument :
 BNA_M
 ClientSampleId :
 PB123253BL

Tot Ion:330 Resp: 1000196
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.9 115.3
 141 37.3 28.6 42.8

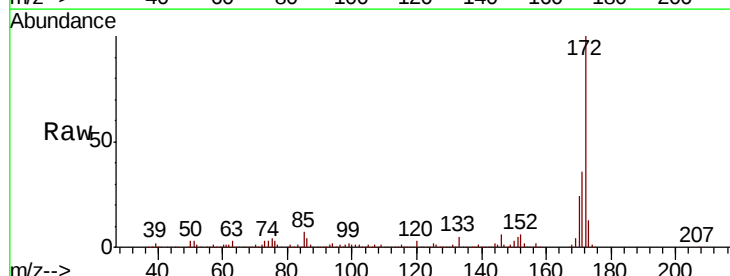


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

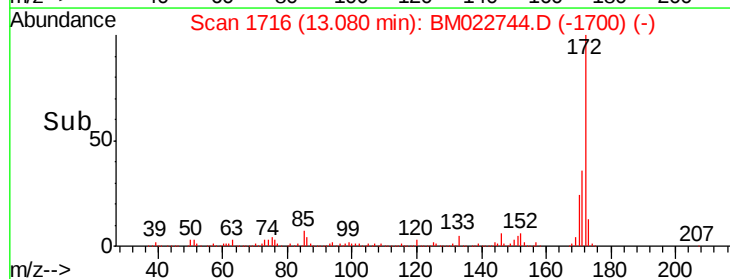
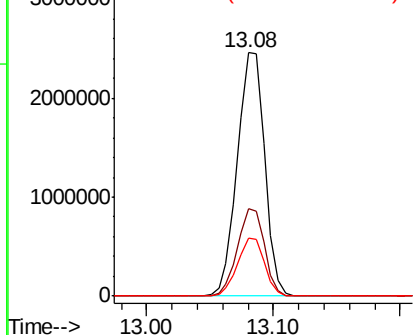


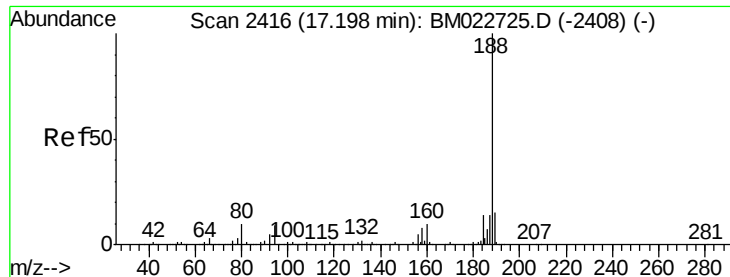
#45
 2-Fluorobiphenyl
 Concen: 78.353 ng
 RT: 13.08 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BM022744.D
 Acq: 23 Sep 2019 17:10

Tgt Ion:172 Resp: 3677498
 Ion Ratio Lower Upper
 172 100
 171 35.9 27.8 41.8
 170 23.7 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

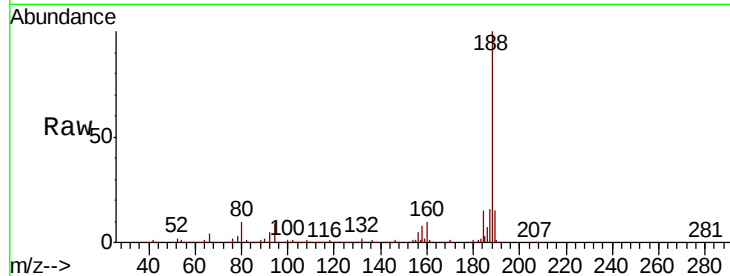




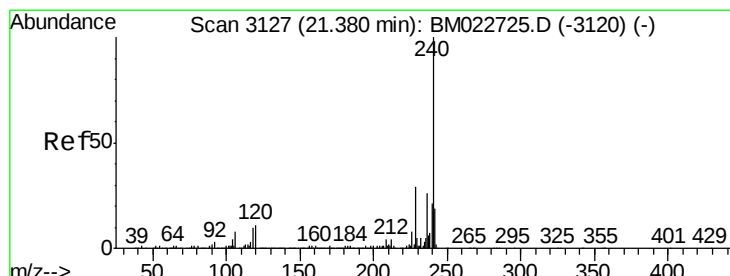
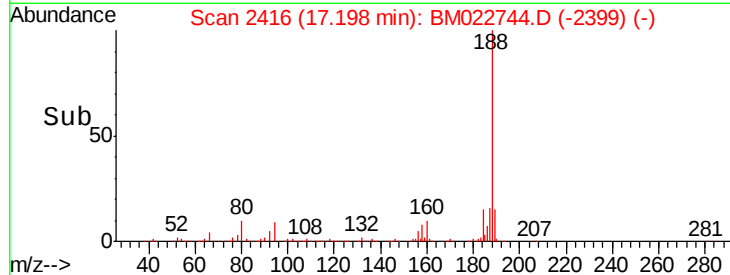
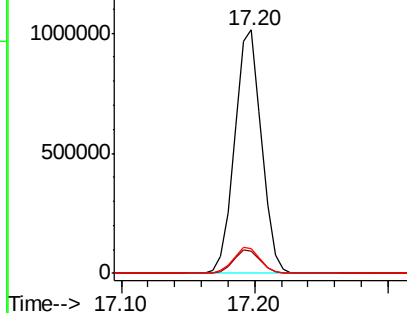
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BM022744.D
Acq: 23 Sep 2019 17:10

Instrument :
BNA_M
ClientSampleId :
PB123253BL

Tot Ion:188 Resp: 1412549
Ion Ratio Lower Upper
188 100
94 9.3 7.3 10.9
80 10.1 7.8 11.8

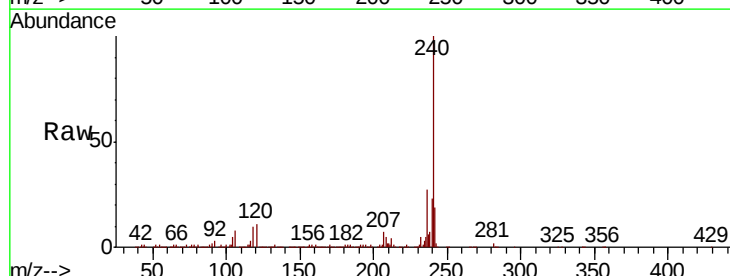


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

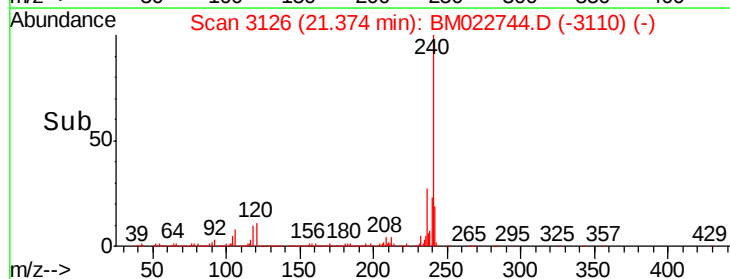
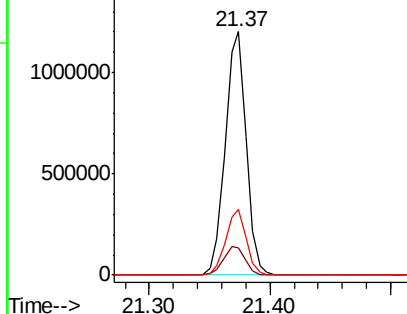


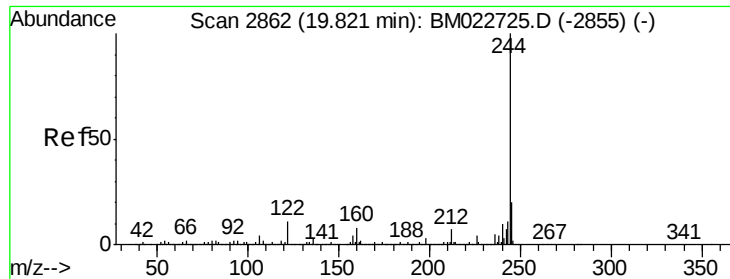
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.37 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BM022744.D
Acq: 23 Sep 2019 17:10

Tgt Ion:240 Resp: 1438522
Ion Ratio Lower Upper
240 100
120 11.2 8.8 13.2
236 27.0 20.8 31.2



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: 85.857 ng

RT: 19.82 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BM022744.D

Acq: 23 Sep 2019 17:10

Instrument :

BNA_M

ClientSampleId :

PB123253BL

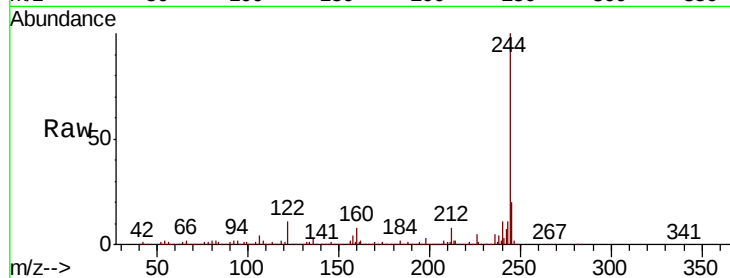
Tot Ion:244 Resp: 6378279

Ion Ratio Lower Upper

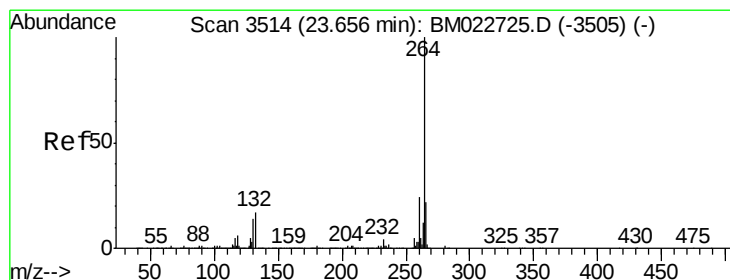
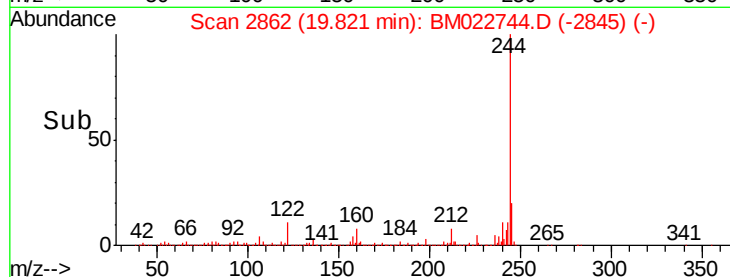
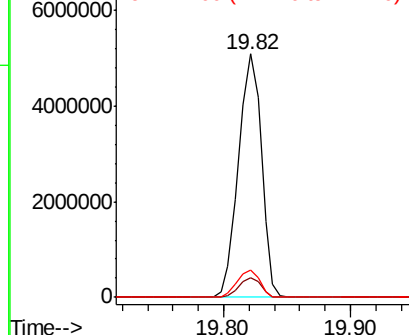
244 100

212 8.1 5.9 8.9

122 11.1 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: 23.64 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BM022744.D

Acq: 23 Sep 2019 17:10

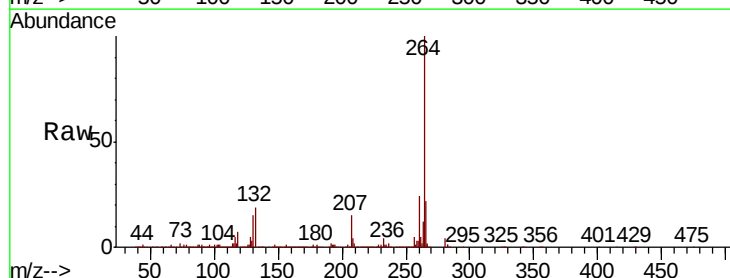
Tgt Ion:264 Resp: 1583790

Ion Ratio Lower Upper

264 100

260 24.1 19.1 28.7

265 22.1 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

