

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012820\
 Data File : BM024637.D
 Acq On : 28 Jan 2020 12:31
 Operator : CG/JU
 Sample : PB126401BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB126401BL

Quant Time: Jan 28 14:47:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	272928	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1010426	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	692885	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1533329	20.00	ng	0.00
76) Chrysene-d12	21.05	240	1316147	20.00	ng	0.00
87) Perylene-d12	23.16	264	1262950	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	2314442	161.27	ng	0.00
7) Phenol-d6	6.65	99	2815263	142.40	ng	0.00
23) Nitrobenzene-d5	8.58	82	1820122	88.34	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1703572	151.15	ng	0.00
45) 2-Fluorobiphenyl	12.70	172	5115429	100.37	ng	0.00
79) Terphenyl-d14	19.50	244	8739208	123.96	ng	0.00

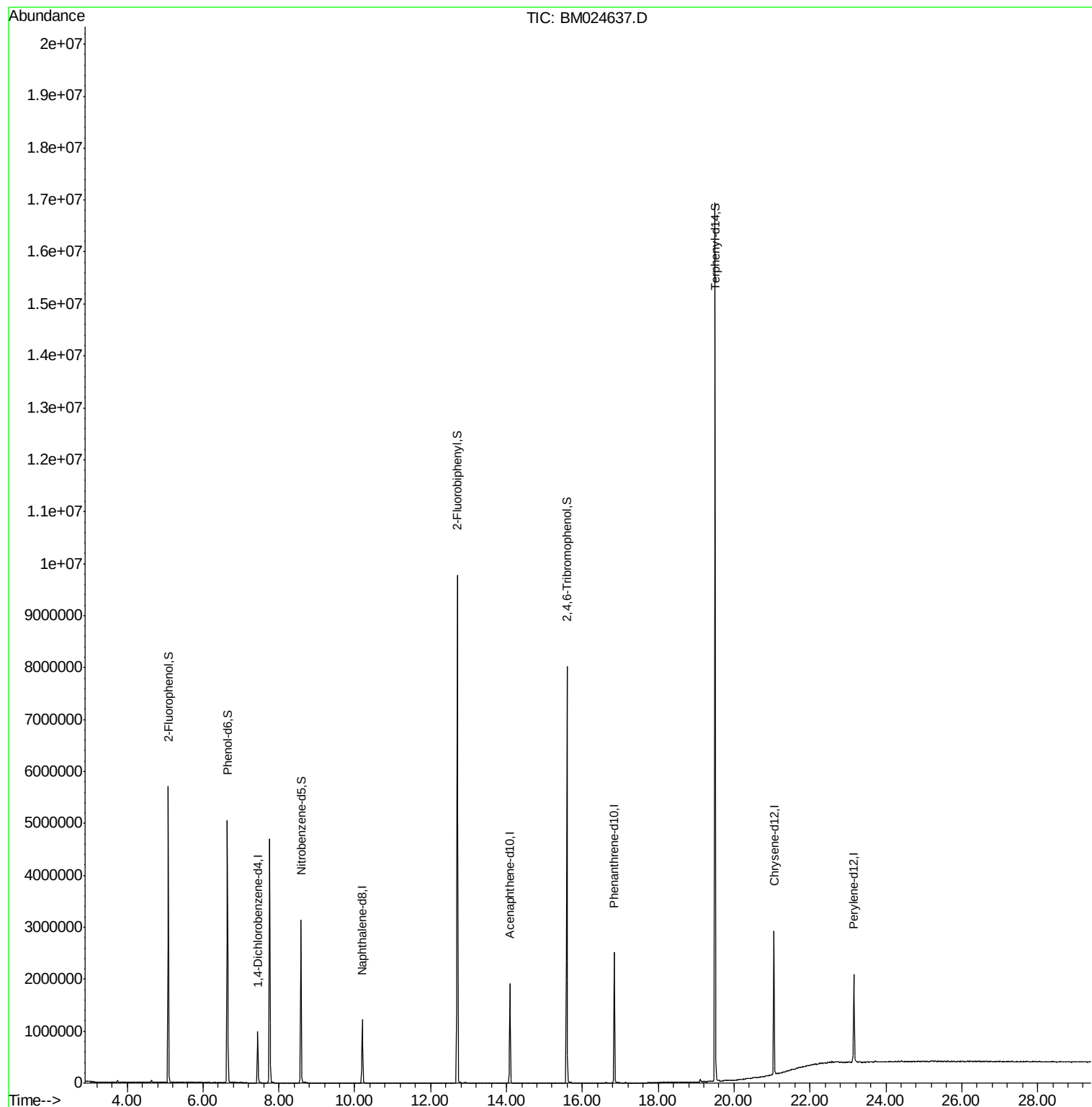
Target Compounds Qvalue

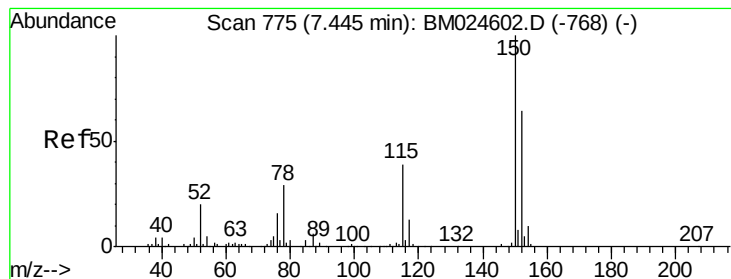
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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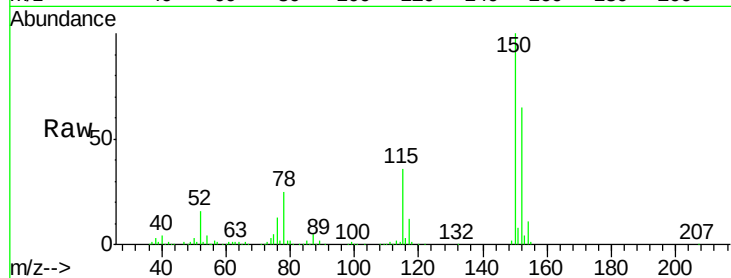


#1

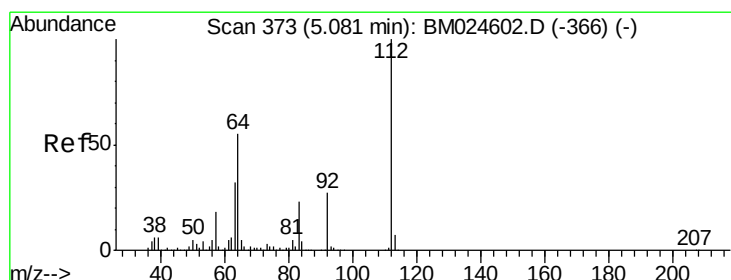
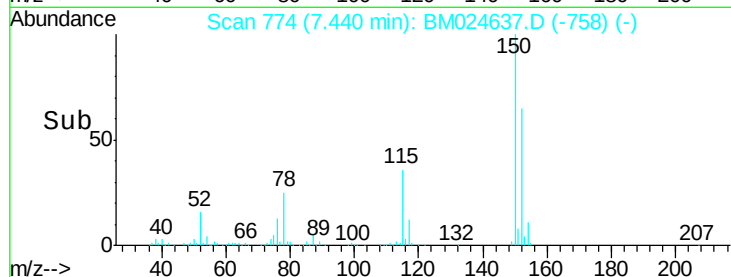
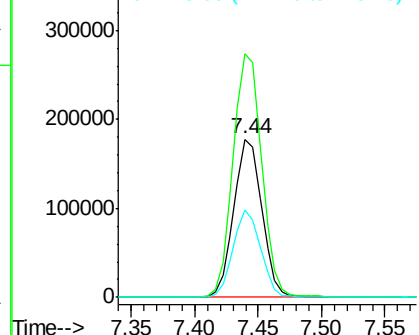
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM024637.D
Acq: 28 Jan 2020 12:31

Instrument :
BNA_M
ClientSampleId :
PB126401BL

Tot Ion:152 Resp: 272928
Ion Ratio Lower Upper
152 100
150 154.0 124.2 186.4
115 55.2 48.6 72.8



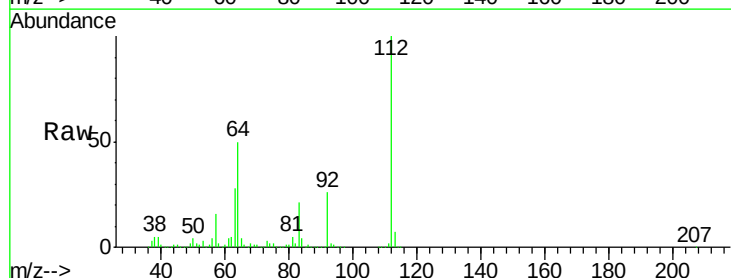
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



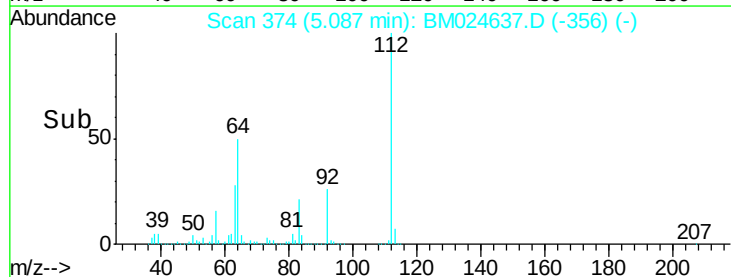
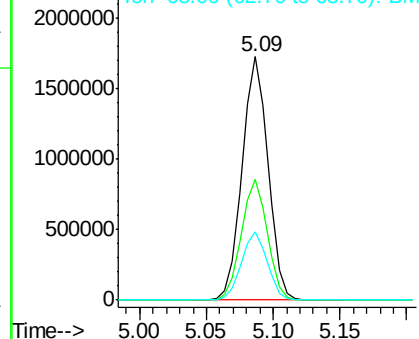
#5

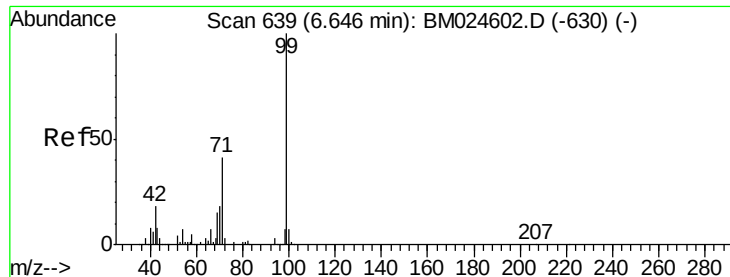
2-Fluorophenol
Concen: 161.270 ng
RT: 5.09 min Scan# 374
Delta R.T. 0.01 min
Lab File: BM024637.D
Acq: 28 Jan 2020 12:31

Tgt Ion:112 Resp: 2314442
Ion Ratio Lower Upper
112 100
64 49.8 44.2 66.4
63 28.3 25.9 38.9



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: 142.401 ng

RT: 6.65 min Scan# 639

Delta R.T. -0.00 min

Lab File: BM024637.D

Acq: 28 Jan 2020 12:31

Instrument :

BNA_M

ClientSampleId :

PB126401BL

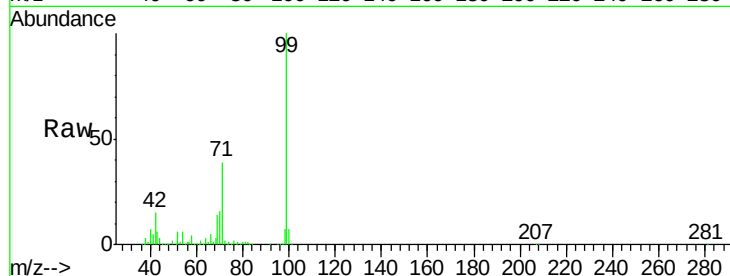
Tot Ion: 99 Resp: 2815263

Ion Ratio Lower Upper

99 100

42 15.2 14.1 21.1

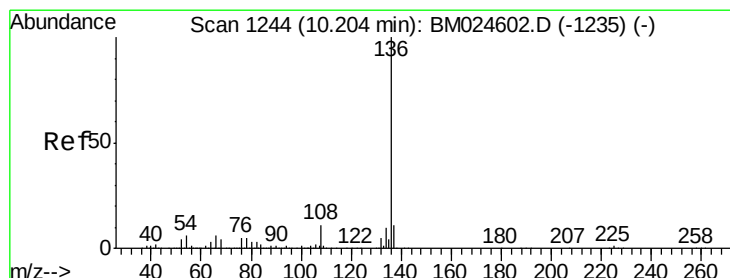
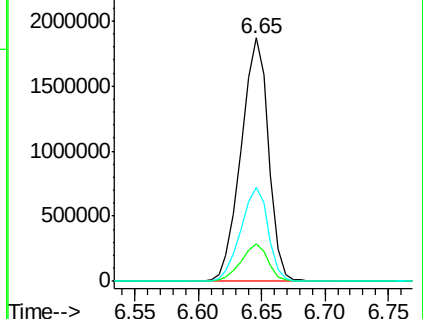
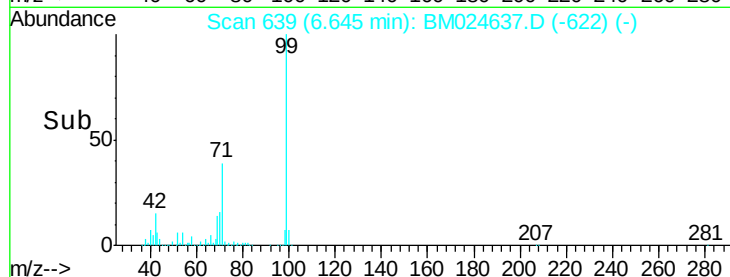
71 38.6 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BM024637.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM024637.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM024637.D (-622) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BM024637.D

Acq: 28 Jan 2020 12:31

Tgt Ion: 136 Resp: 1010426

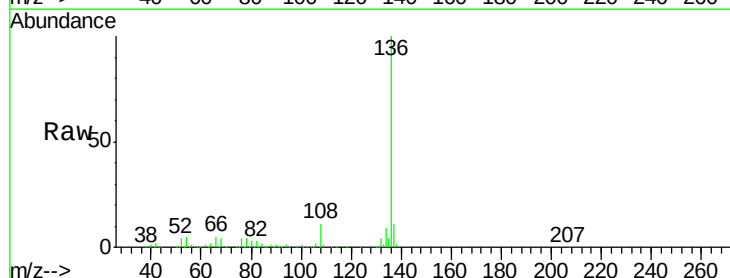
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 4.7 4.5 6.7

68 3.9 3.4 5.0

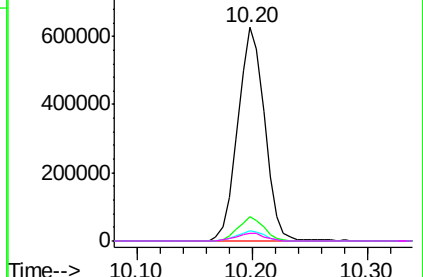
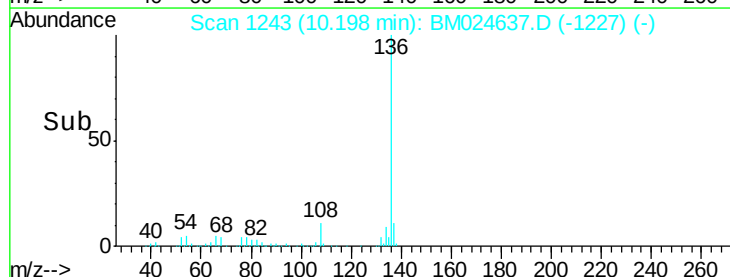


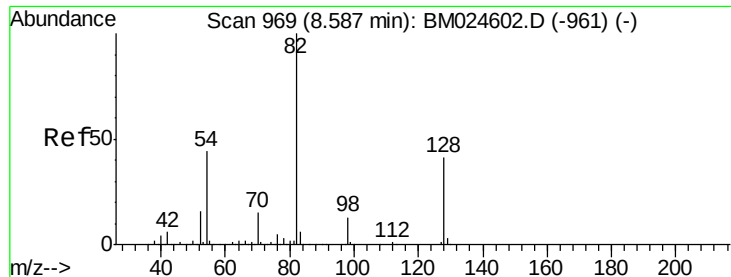
Abundance Ion 136.00 (135.70 to 136.70): BM024637.D (-1227) (-)

Ion 137.00 (136.70 to 137.70): BM024637.D (-1227) (-)

Ion 54.00 (53.70 to 54.70): BM024637.D (-1227) (-)

Ion 68.00 (67.70 to 68.70): BM024637.D (-1227) (-)

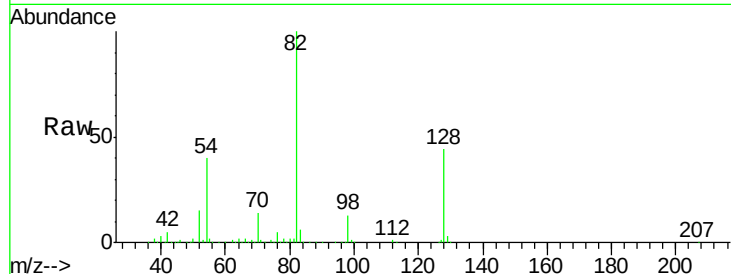




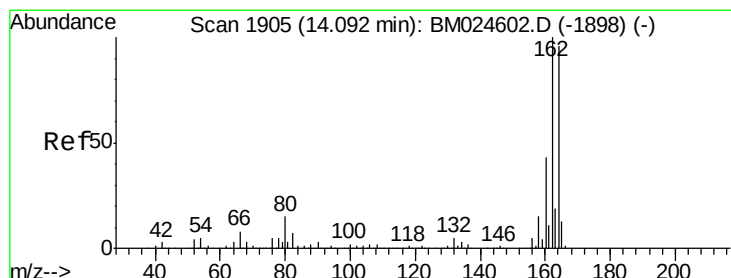
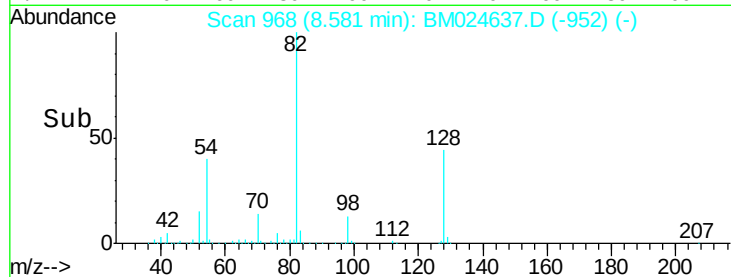
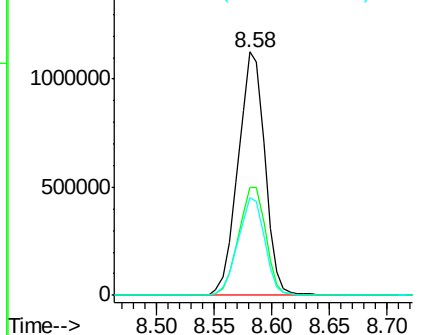
#23
 Nitrobenzene-d5
 Concen: 88.340 ng
 RT: 8.58 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BM024637.D
 Acq: 28 Jan 2020 12:31

Instrument :
 BNA_M
 ClientSampleId :
 PB126401BL

Tot Ion: 82 Resp: 1820122
 Ion Ratio Lower Upper
 82 100
 128 44.5 32.6 48.8
 54 39.9 34.8 52.2

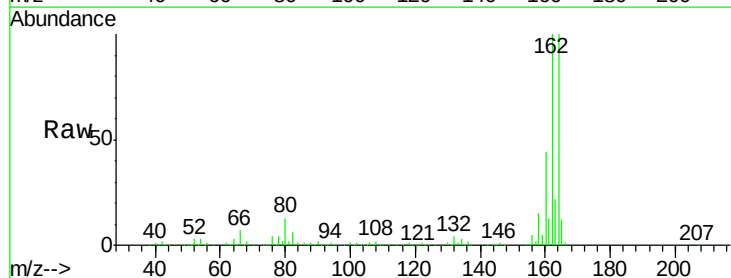


Abundance Ion 82.00 (81.70 to 82.70): BM024602.D (-961) (-)
 Ion 128.00 (127.70 to 128.70): BM024602.D (-961) (-)
 Ion 54.00 (53.70 to 54.70): BM024602.D (-961) (-)

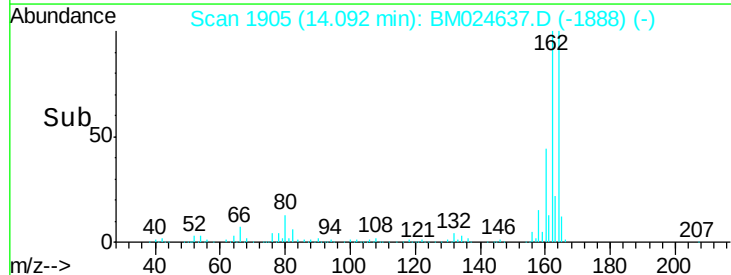
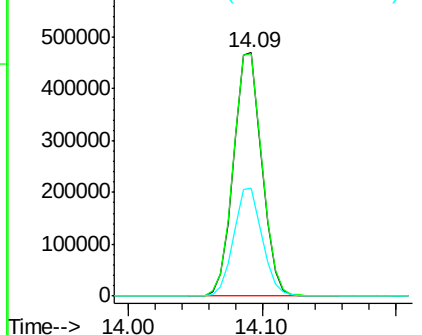


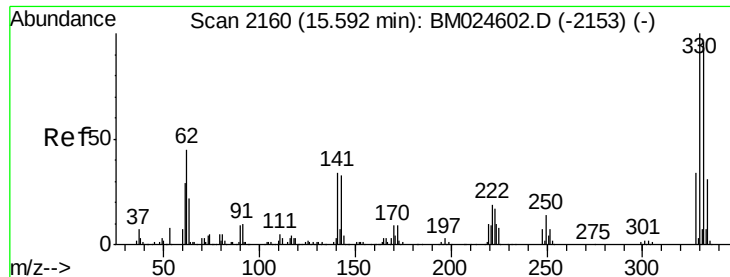
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.09 min Scan# 1905
 Delta R.T. 0.00 min
 Lab File: BM024637.D
 Acq: 28 Jan 2020 12:31

Tgt Ion:164 Resp: 692885
 Ion Ratio Lower Upper
 164 100
 162 99.7 82.9 124.3
 160 44.1 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): BM024602.D (-1898) (-)
 Ion 162.00 (161.70 to 162.70): BM024602.D (-1898) (-)
 Ion 160.00 (159.70 to 160.70): BM024602.D (-1898) (-)

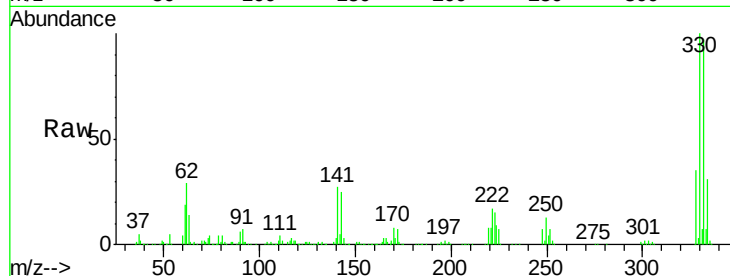




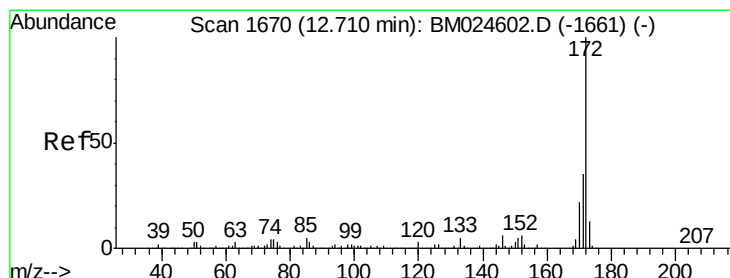
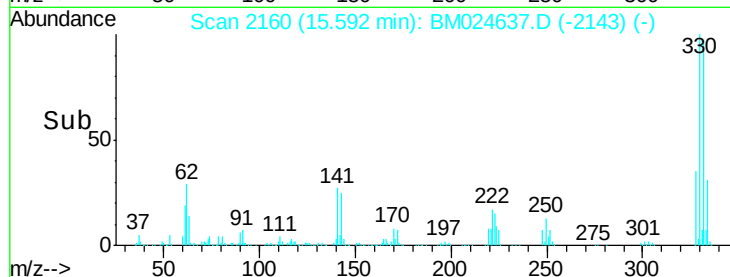
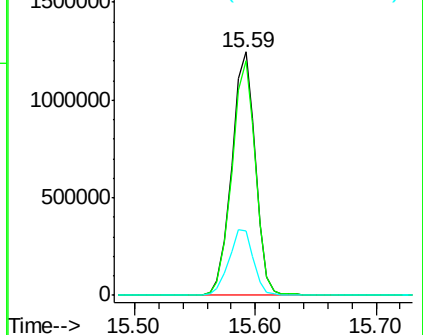
#42
 2,4,6-Tribromophenol
 Concen: 151.149 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BM024637.D
 Acq: 28 Jan 2020 12:31

Instrument :
 BNA_M
 ClientSampleId :
 PB126401BL

Tot Ion:330 Resp: 1703572
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.2 115.8
 141 28.0 26.9 40.3

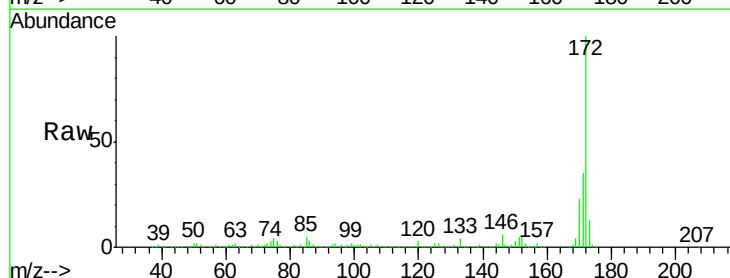


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

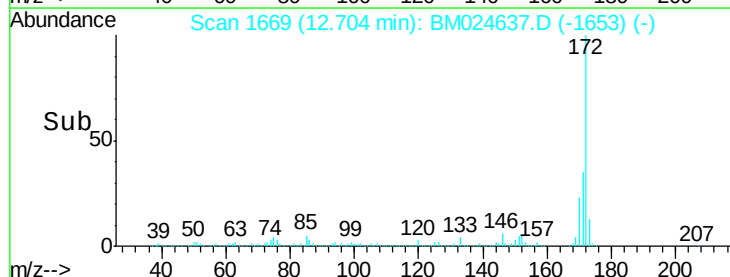
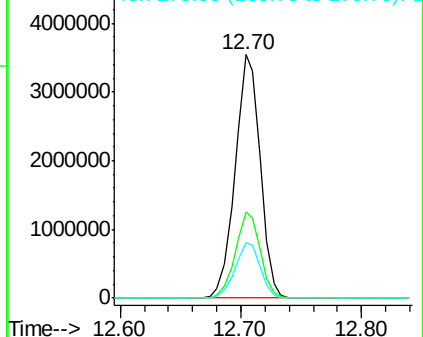


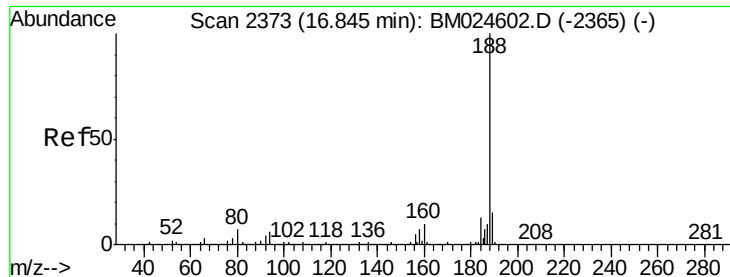
#45
 2-Fluorobiphenyl
 Concen: 100.369 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM024637.D
 Acq: 28 Jan 2020 12:31

Tgt Ion:172 Resp: 5115429
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.3 42.5
 170 22.8 17.9 26.9



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

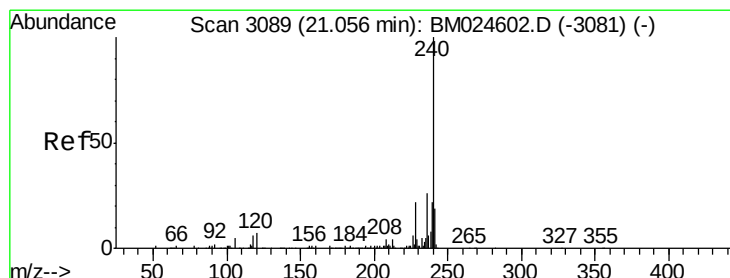
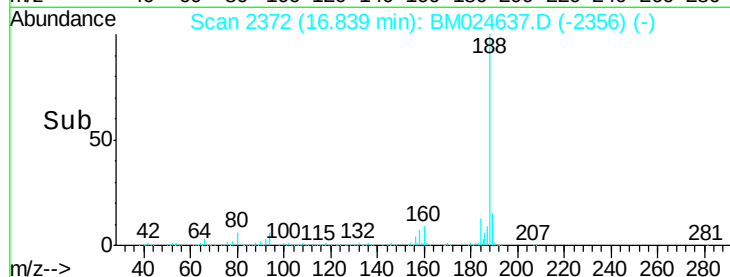
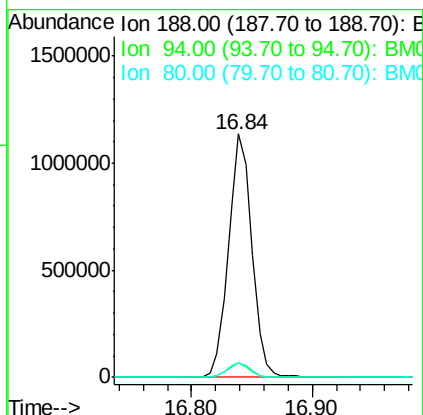
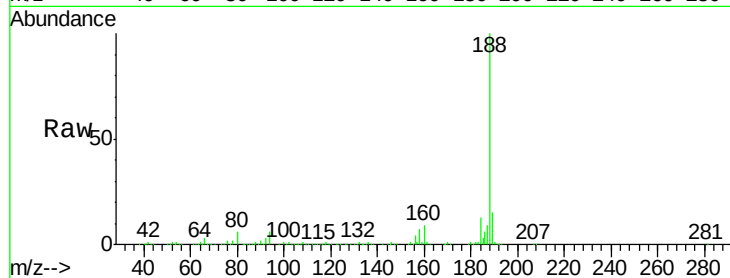




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BM024637.D
Acq: 28 Jan 2020 12:31

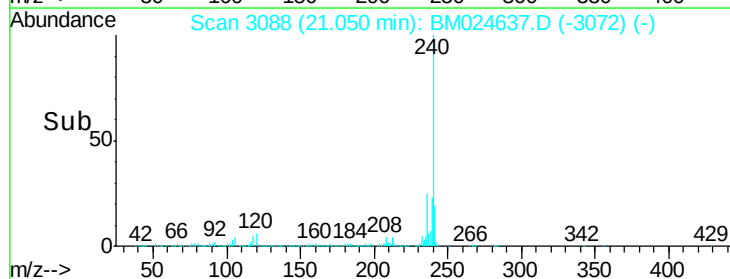
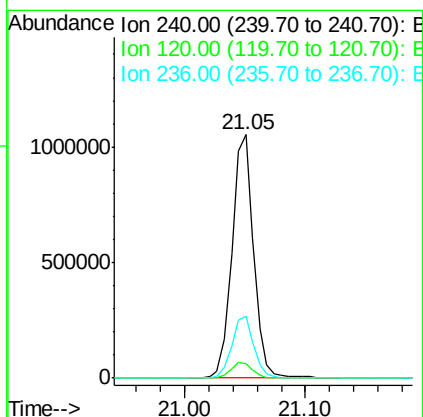
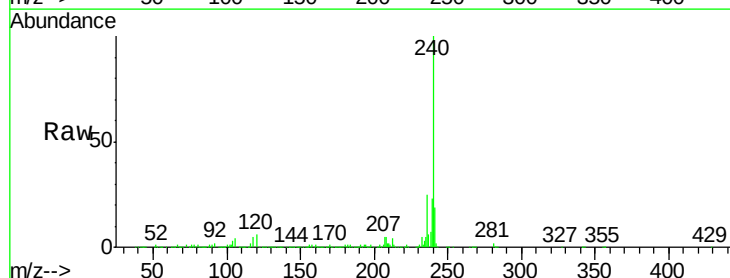
Instrument :
BNA_M
ClientSampleId :
PB126401BL

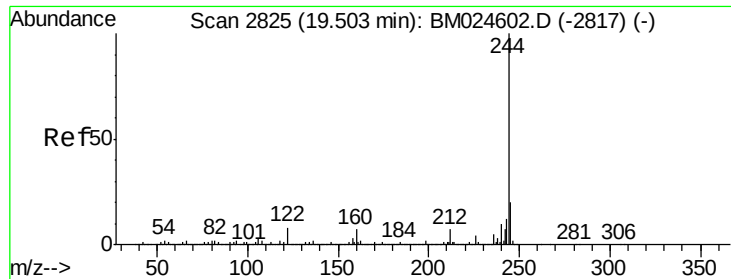
Tot Ion:188 Resp: 1533329
Ion Ratio Lower Upper
188 100
94 5.7 5.0 7.6
80 6.2 5.8 8.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.05 min Scan# 3088
Delta R.T. -0.01 min
Lab File: BM024637.D
Acq: 28 Jan 2020 12:31

Tgt Ion:240 Resp: 1316147
Ion Ratio Lower Upper
240 100
120 6.0 5.3 7.9
236 25.2 20.6 31.0





#79

Terphenyl-d14

Concen: 123.962 ng

RT: 19.50 min Scan# 2825

Delta R.T. 0.00 min

Lab File: BM024637.D

Acq: 28 Jan 2020 12:31

Instrument :

BNA_M

ClientSampleId :

PB126401BL

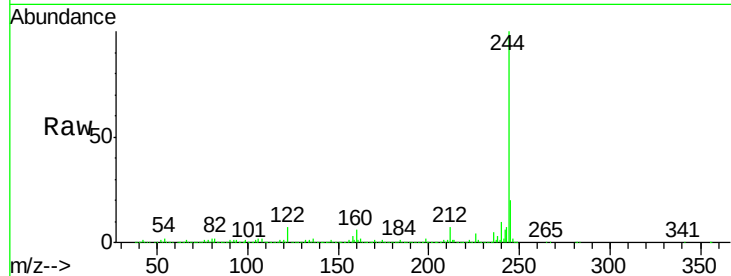
Tot Ion:244 Resp: 8739208

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

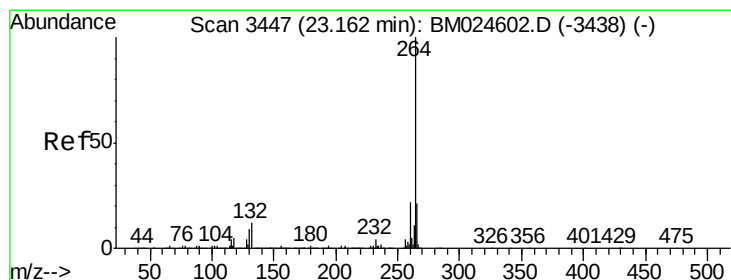
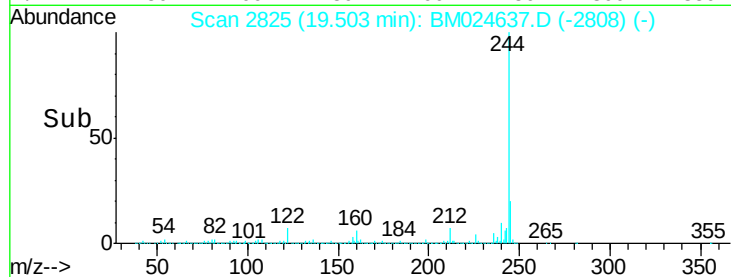
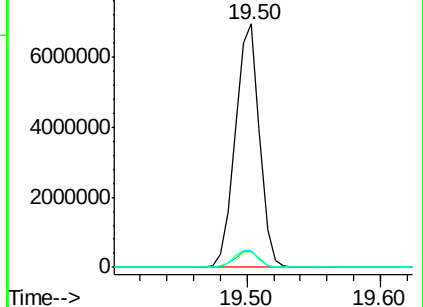
122 6.9 6.2 9.4



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: 23.16 min Scan# 3446

Delta R.T. -0.01 min

Lab File: BM024637.D

Acq: 28 Jan 2020 12:31

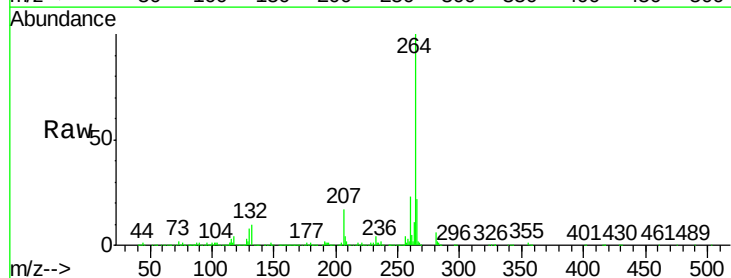
Tgt Ion:264 Resp: 1262950

Ion Ratio Lower Upper

264 100

260 23.2 17.9 26.9

265 22.1 17.3 25.9



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

