

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013120\
 Data File : BM024684.D
 Acq On : 31 Jan 2020 20:22
 Operator : CG/JU
 Sample : PB126505BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 01 01:00:07 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	7.42	152	178648	20.00	ng	-0.02
21) Naphthalene-d8	10.18	136	632373	20.00	ng	-0.02
39) Acenaphthene-d10	14.07	164	439556	20.00	ng	-0.02
64) Phenanthrene-d10	16.83	188	1044881	20.00	ng	-0.02
76) Chrysene-d12	21.04	240	1161197	20.00	ng	-0.02
87) Perylene-d12	23.14	264	1313918	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	608349	64.76	ng	-0.01
7) Phenol-d6	6.62	99	417714	32.28	ng	-0.02
23) Nitrobenzene-d5	8.56	82	1071291	83.08	ng	-0.02
42) 2,4,6-Tribromophenol	15.57	330	1128560	157.84	ng	-0.02
45) 2-Fluorobiphenyl	12.69	172	2965035	91.71	ng	-0.02
79) Terphenyl-d14	19.49	244	6188785	99.50	ng	-0.02

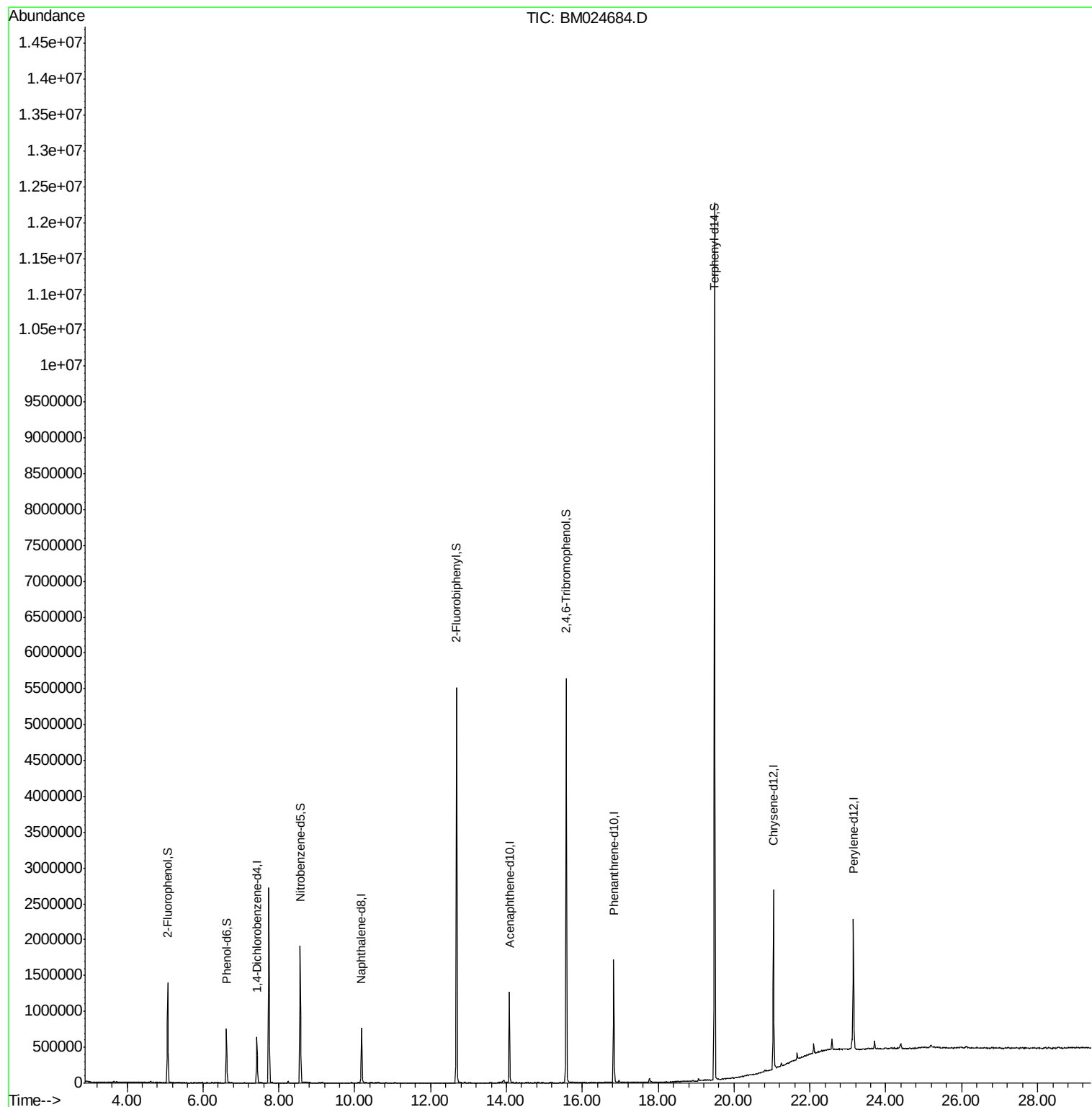
Target Compounds Qvalue

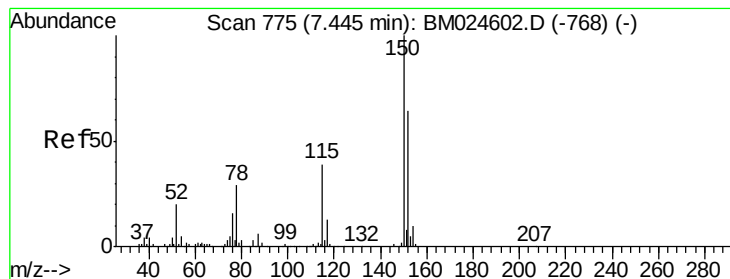
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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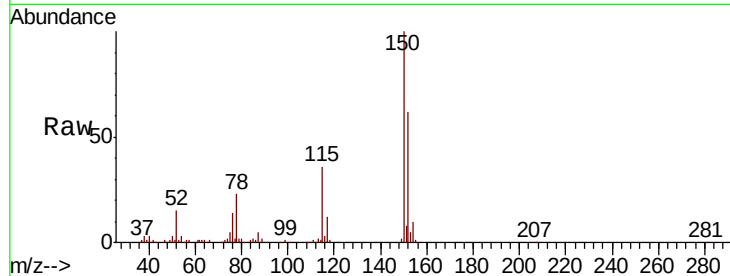


#1

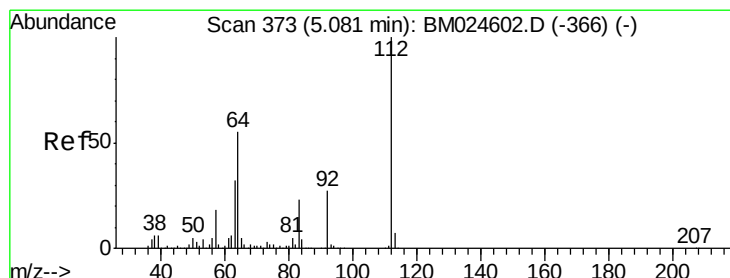
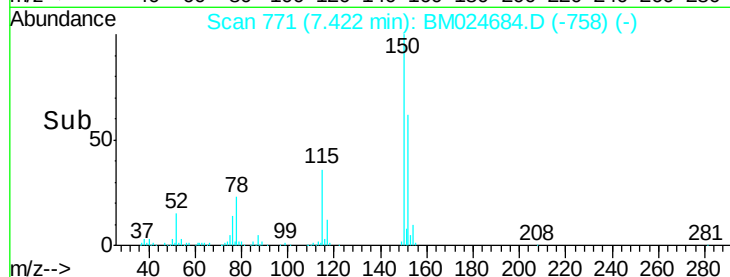
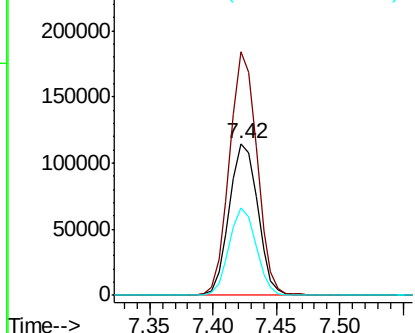
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.02 min
Lab File: BM024684.D
Acq: 31 Jan 2020 20:22

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 178648
Ion Ratio Lower Upper
152 100
150 160.7 124.2 186.4
115 57.7 48.6 72.8



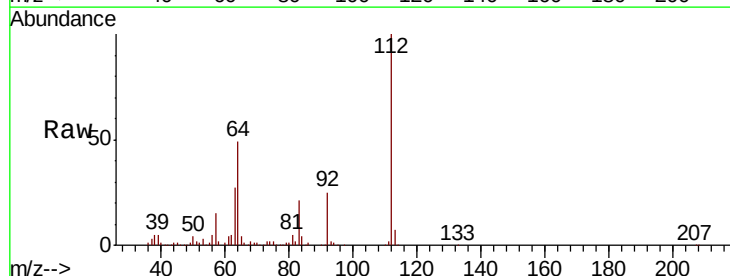
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



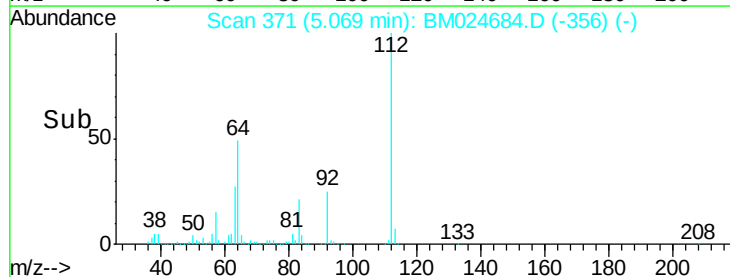
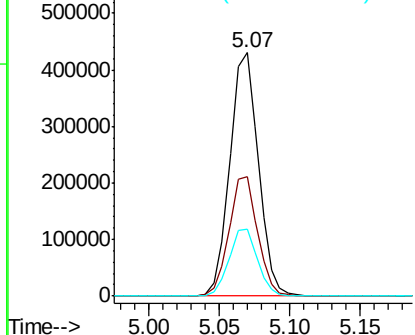
#5

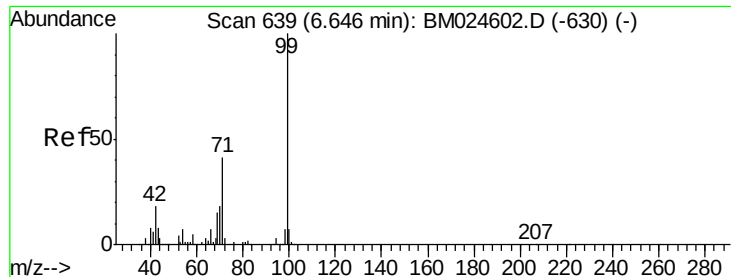
2-Fluorophenol
Concen: 64.760 ng
RT: 5.07 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM024684.D
Acq: 31 Jan 2020 20:22

Tgt Ion:112 Resp: 608349
Ion Ratio Lower Upper
112 100
64 49.0 44.2 66.4
63 27.5 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: 32.279 ng

RT: 6.62 min Scan# 635

Delta R.T. -0.02 min

Lab File: BM024684.D

Acq: 31 Jan 2020 20:22

Instrument :

BNA_M

ClientSampleId :

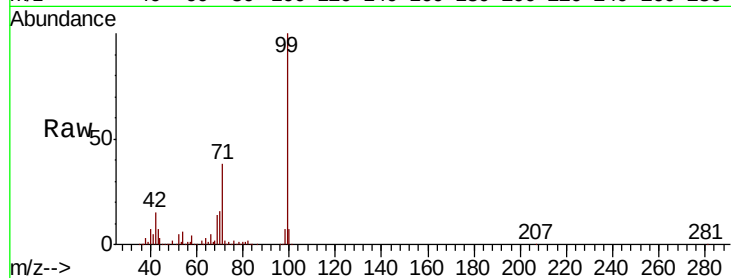
Tot Ion: 99 Resp: 417714

Ion Ratio Lower Upper

99 100

42 15.1 14.1 21.1

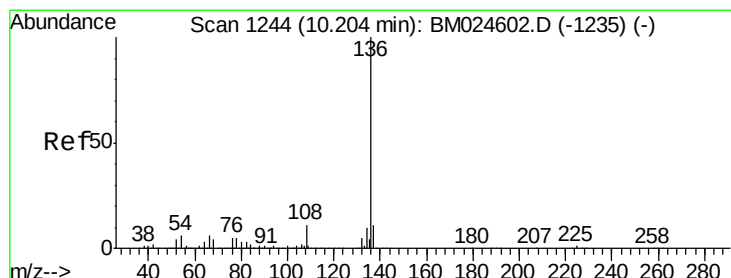
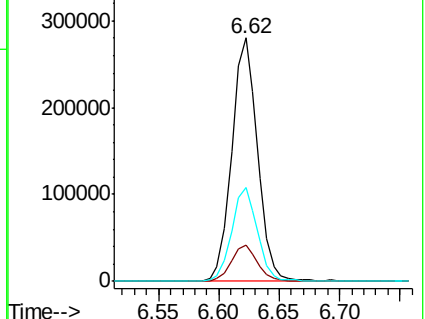
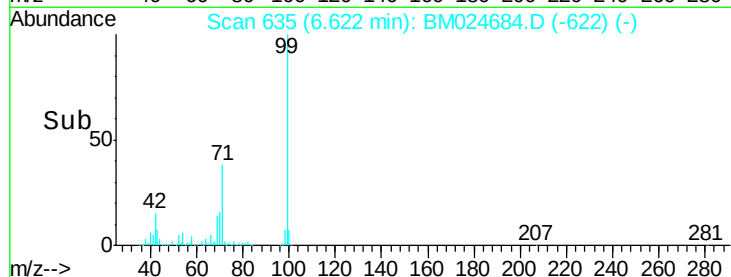
71 38.3 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BM024684.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM024684.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM024684.D (-622) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.18 min Scan# 1240

Delta R.T. -0.02 min

Lab File: BM024684.D

Acq: 31 Jan 2020 20:22

Tgt Ion: 136 Resp: 632373

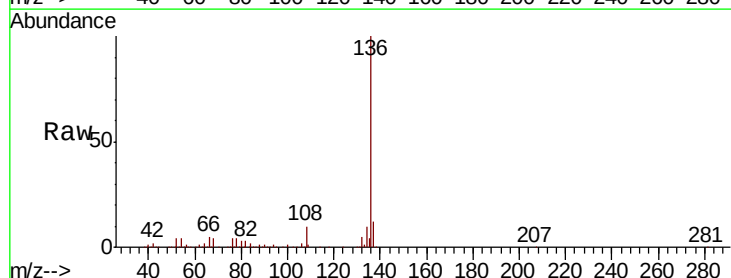
Ion Ratio Lower Upper

136 100

137 11.7 8.6 13.0

54 4.4 4.5 6.7#

68 4.1 3.4 5.0

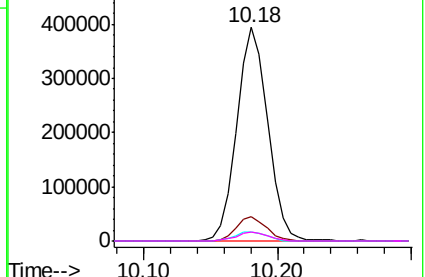
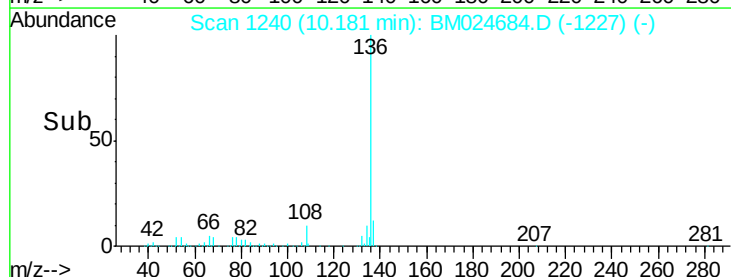


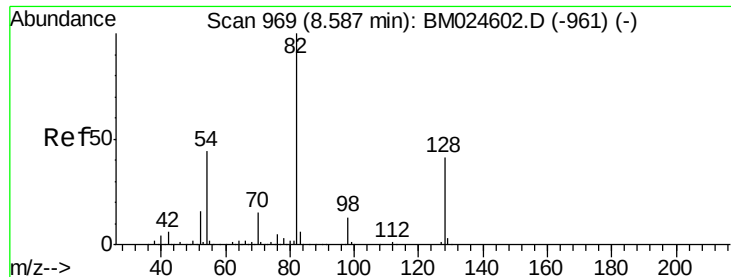
Abundance Ion 136.00 (135.70 to 136.70): BM024684.D (-1227) (-)

Ion 137.00 (136.70 to 137.70): BM024684.D (-1227) (-)

Ion 54.00 (53.70 to 54.70): BM024684.D (-1227) (-)

Ion 68.00 (67.70 to 68.70): BM024684.D (-1227) (-)

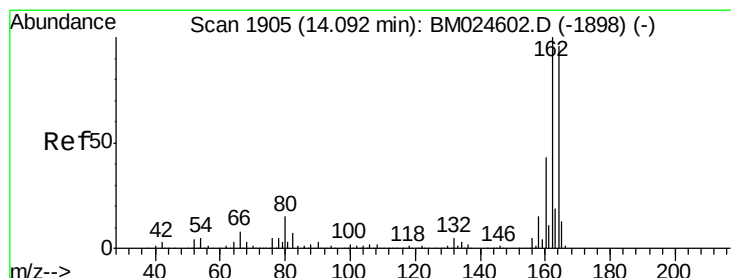
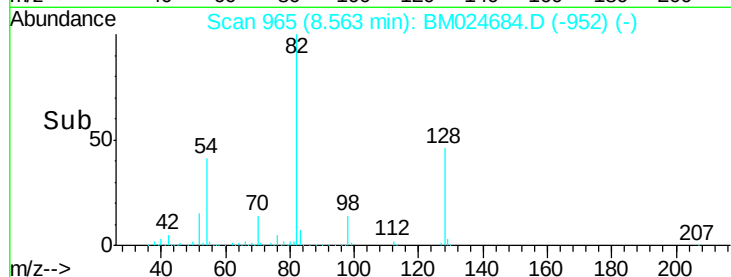
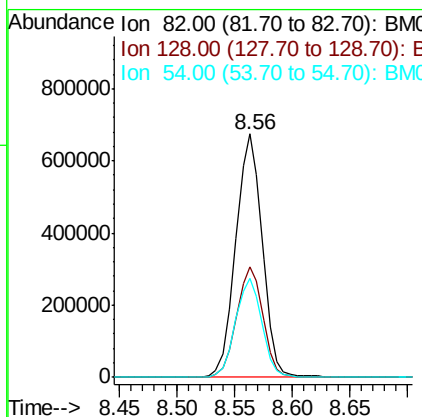
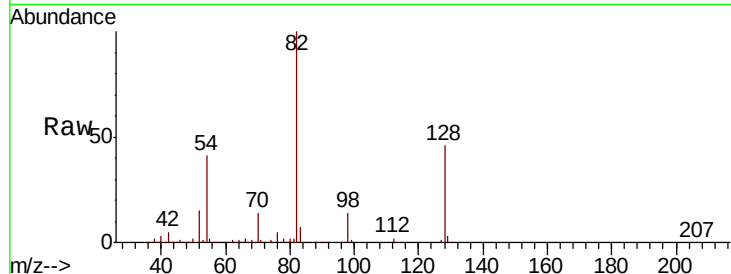




#23
 Nitrobenzene-d5
 Concen: 83.080 ng
 RT: 8.56 min Scan# 965
 Delta R.T. -0.02 min
 Lab File: BM024684.D
 Acq: 31 Jan 2020 20:22

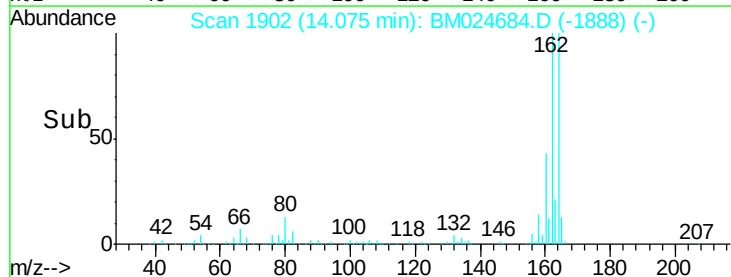
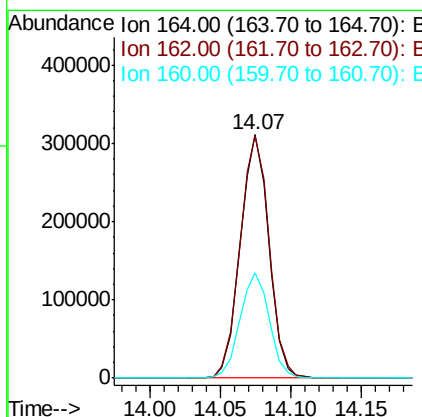
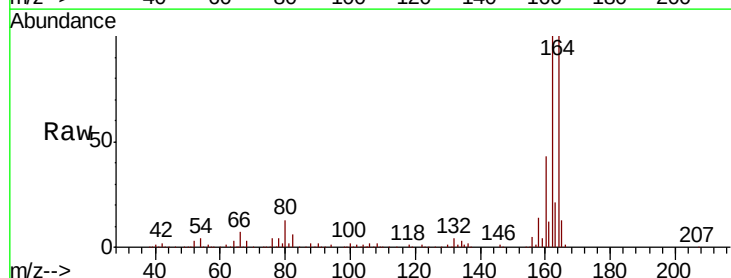
Instrument :
 BNA_M
 ClientSampled :

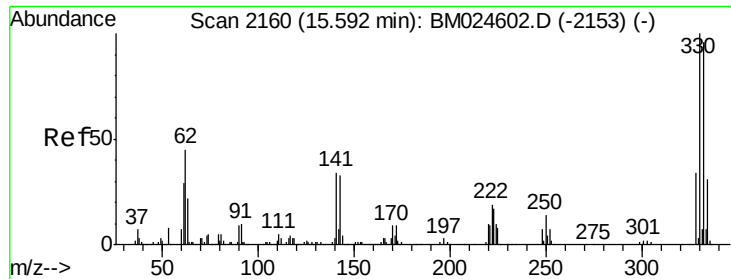
Tot Ion: 82 Resp: 1071291
 Ion Ratio Lower Upper
 82 100
 128 45.6 32.6 48.8
 54 40.6 34.8 52.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.07 min Scan# 1902
 Delta R.T. -0.02 min
 Lab File: BM024684.D
 Acq: 31 Jan 2020 20:22

Tgt Ion:164 Resp: 439556
 Ion Ratio Lower Upper
 164 100
 162 99.7 82.9 124.3
 160 43.0 35.5 53.3

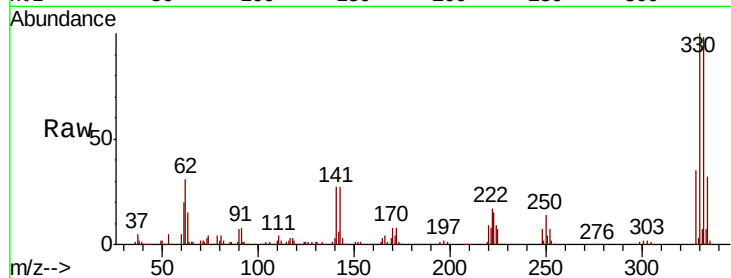




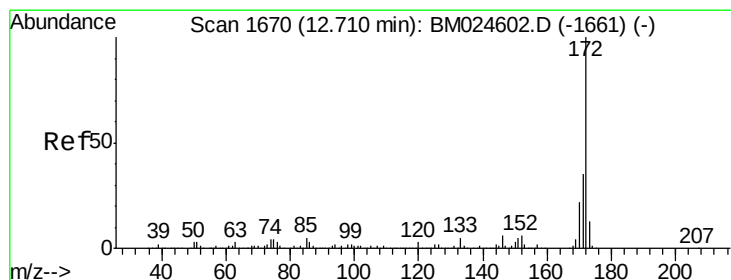
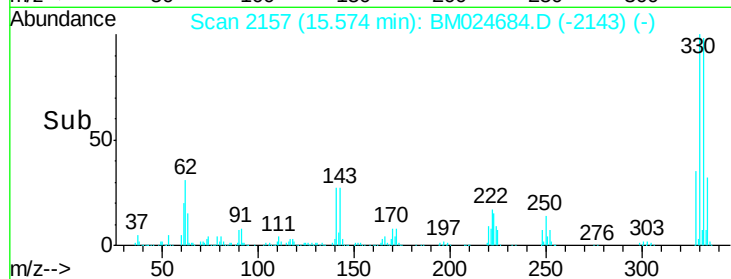
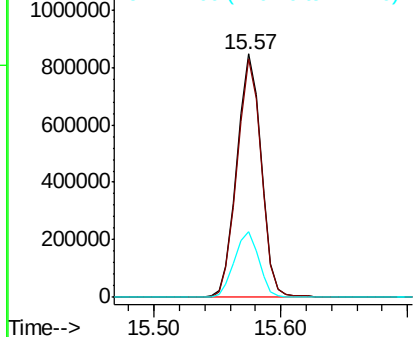
#42
 2,4,6-Tribromophenol
 Concen: 157.840 ng
 RT: 15.57 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BM024684.D
 Acq: 31 Jan 2020 20:22

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:330 Resp: 1128560
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.2 115.8
 141 27.2 26.9 40.3

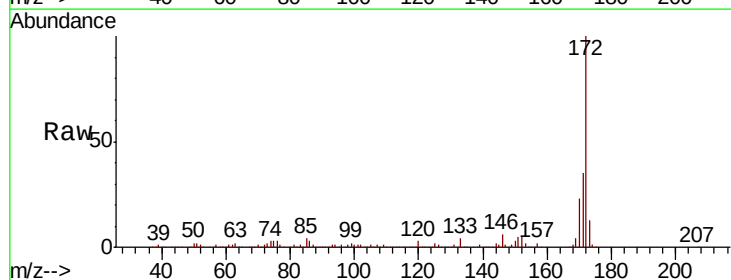


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

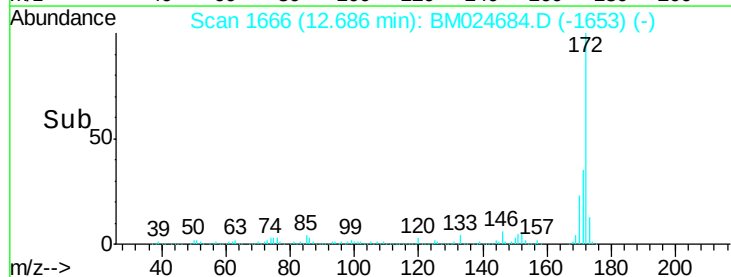
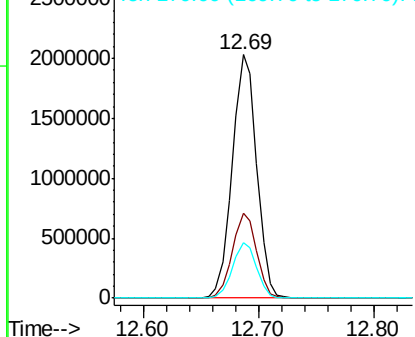


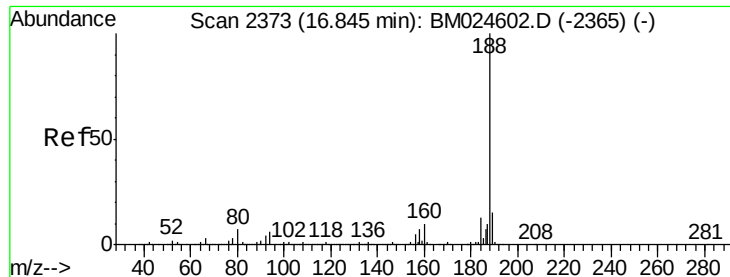
#45
 2-Fluorobiphenyl
 Concen: 91.706 ng
 RT: 12.69 min Scan# 1666
 Delta R.T. -0.02 min
 Lab File: BM024684.D
 Acq: 31 Jan 2020 20:22

Tgt Ion:172 Resp: 2965035
 Ion Ratio Lower Upper
 172 100
 171 34.8 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: 16.83 min Scan# 2370

Delta R.T. -0.02 min

Lab File: BM024684.D

Acq: 31 Jan 2020 20:22

Instrument :

BNA_M

ClientSampled :

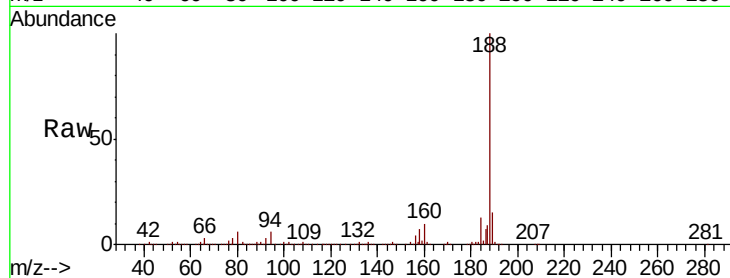
Tot Ion:188 Resp: 1044881

Ion Ratio Lower Upper

188 100

94 6.0 5.0 7.6

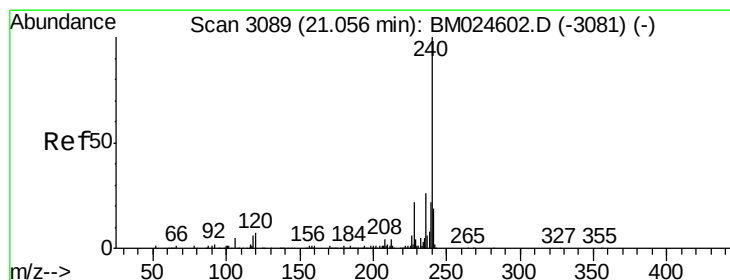
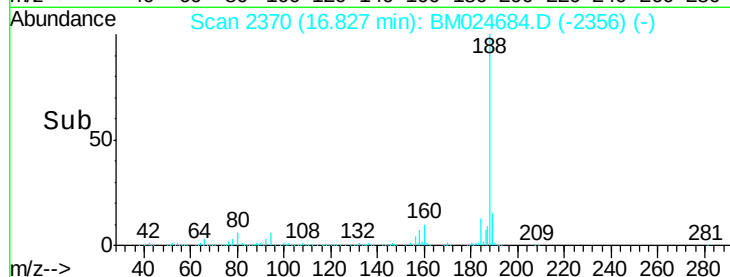
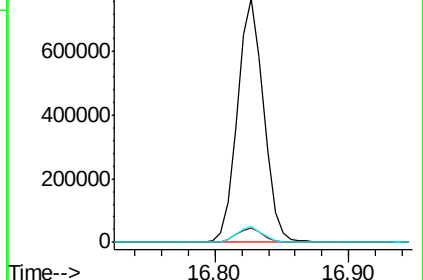
80 6.5 5.8 8.8



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: 21.04 min Scan# 3086

Delta R.T. -0.02 min

Lab File: BM024684.D

Acq: 31 Jan 2020 20:22

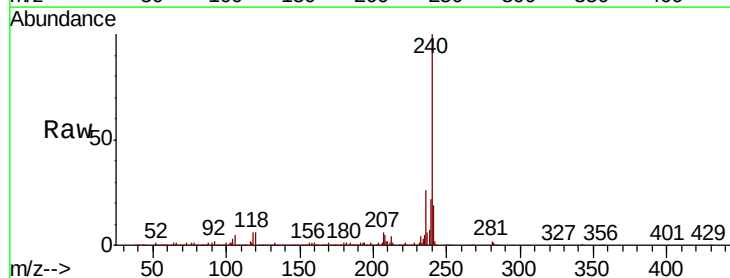
Tgt Ion:240 Resp: 1161197

Ion Ratio Lower Upper

240 100

120 6.2 5.3 7.9

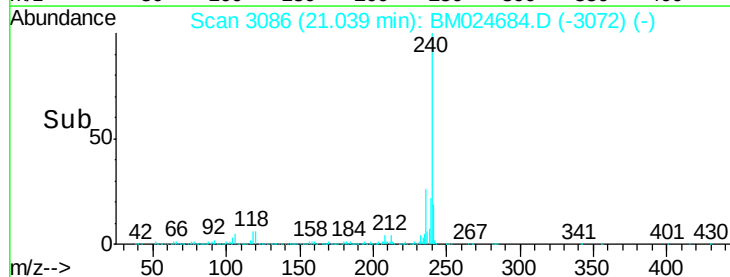
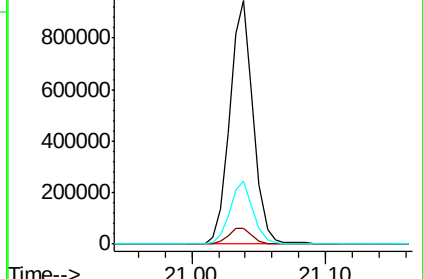
236 25.8 20.6 31.0

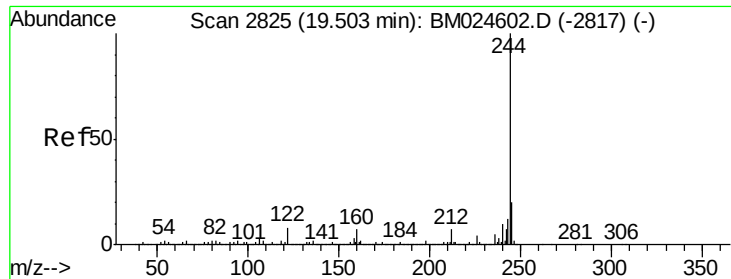


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 99.500 ng

RT: 19.49 min Scan# 2822

Delta R.T. -0.02 min

Lab File: BM024684.D

Acq: 31 Jan 2020 20:22

Instrument :

BNA_M

ClientSampleId :

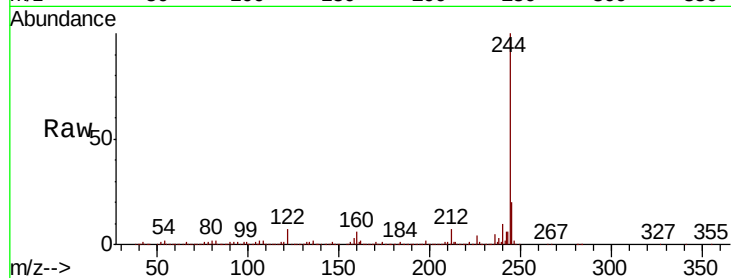
Tot Ion:244 Resp: 6188785

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

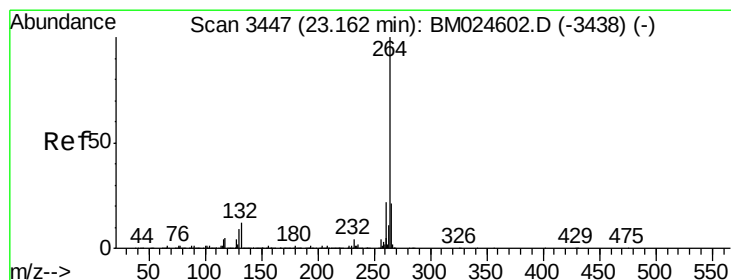
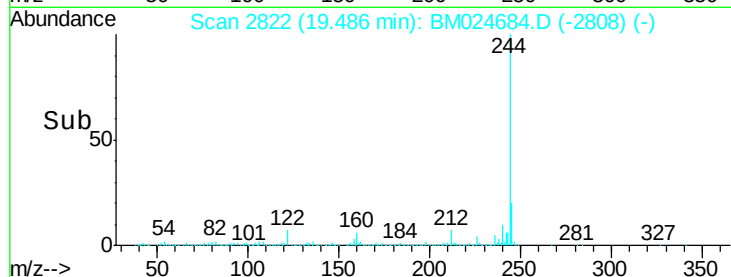
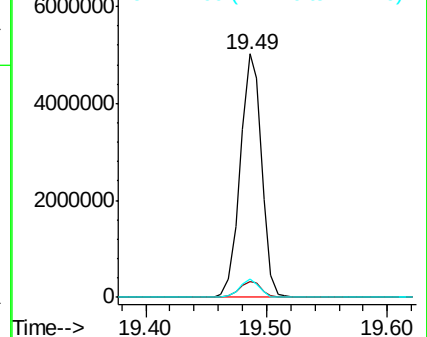
122 7.4 6.2 9.4



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: 23.14 min Scan# 3444

Delta R.T. -0.02 min

Lab File: BM024684.D

Acq: 31 Jan 2020 20:22

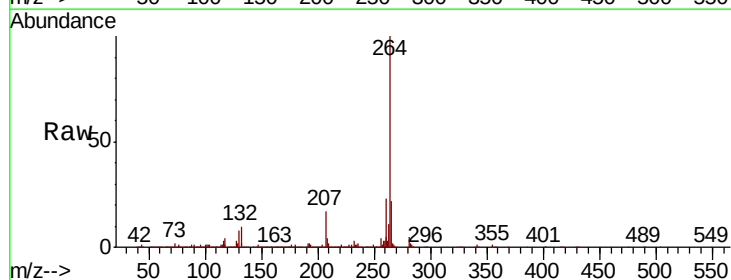
Tgt Ion:264 Resp: 1313918

Ion Ratio Lower Upper

264 100

260 23.4 17.9 26.9

265 22.0 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

