

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020320\
 Data File : BM024701.D
 Acq On : 03 Feb 2020 16:23
 Operator : CG/JU
 Sample : L1346-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PD-2-(35-36)

Quant Time: Feb 04 02:59:35 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

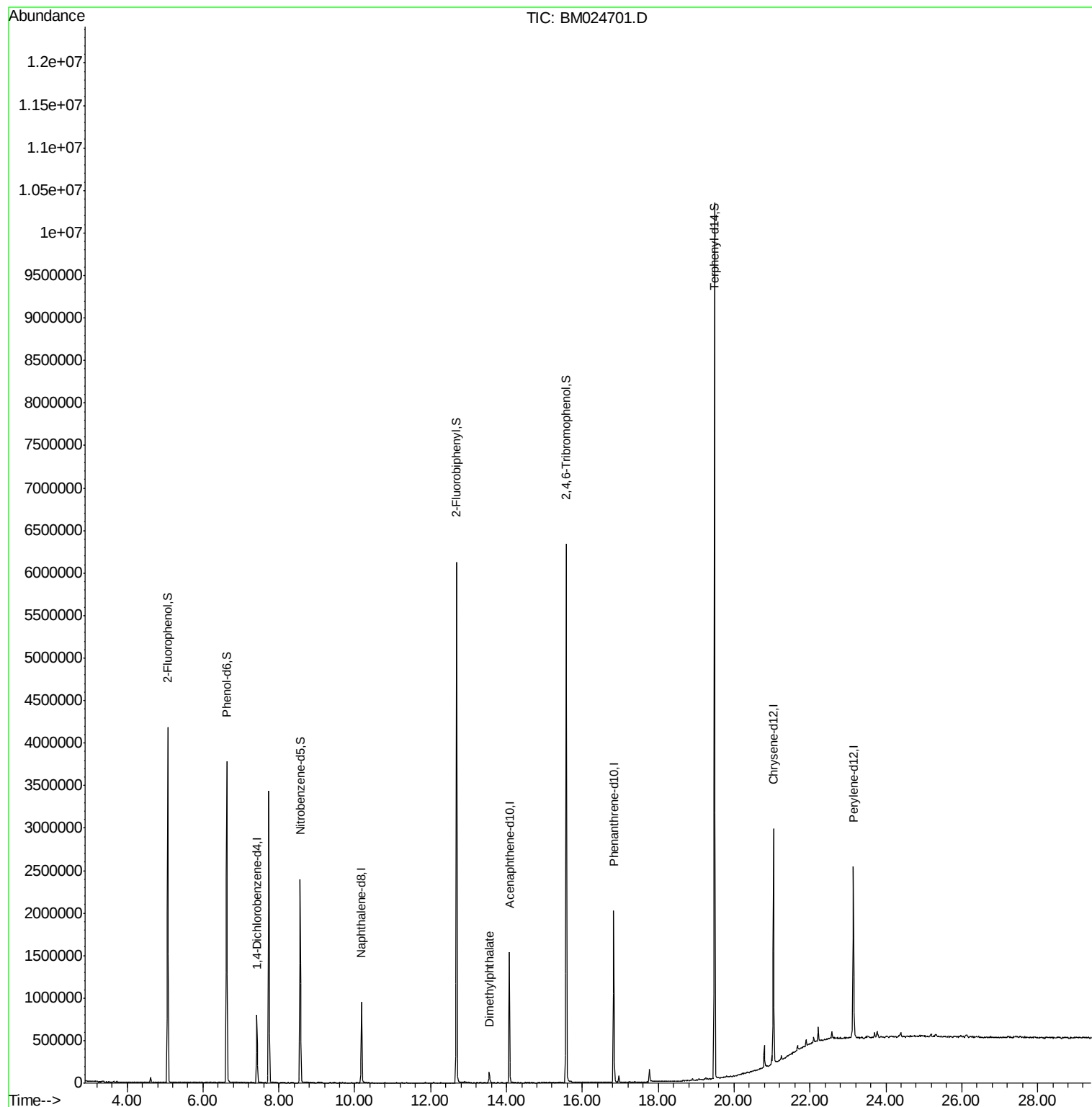
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	223066	20.00	ng	-0.02
21) Naphthalene-d8	10.18	136	809460	20.00	ng	-0.02
39) Acenaphthene-d10	14.07	164	541000	20.00	ng	-0.02
64) Phenanthrene-d10	16.83	188	1240107	20.00	ng	-0.02
76) Chrysene-d12	21.04	240	1287640	20.00	ng	-0.02
87) Perylene-d12	23.14	264	1501945	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	1723167	146.91	ng	-0.01
7) Phenol-d6	6.63	99	2144720	132.73	ng	-0.02
23) Nitrobenzene-d5	8.56	82	1367004	82.82	ng	-0.02
42) 2,4,6-Tribromophenol	15.57	330	1324167	150.47	ng	-0.02
45) 2-Fluorobiphenyl	12.69	172	3311090	83.21	ng	-0.02
79) Terphenyl-d14	19.49	244	5008863	72.62	ng	-0.02
Target Compounds						
50) Dimethylphthalate	13.54	163	92922	2.124	ng	Qvalue 99

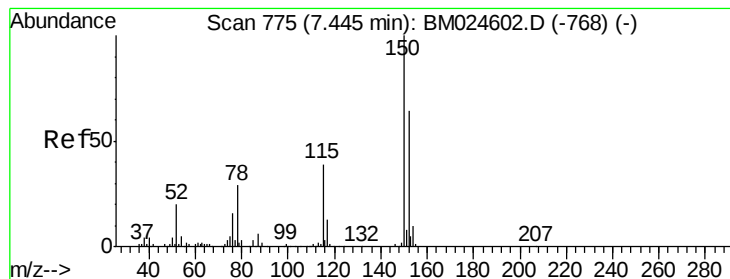
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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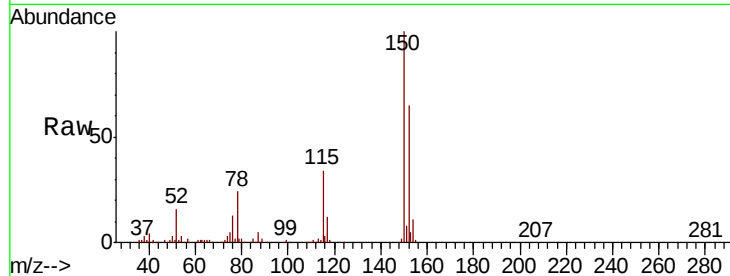


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.42 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BM024701.D
 Acq: 03 Feb 2020 16:23

Instrument :
 BNA_M
 ClientSampleId :
 PD-2-(35-36)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.2	186.4
115	51.8	48.6	72.8

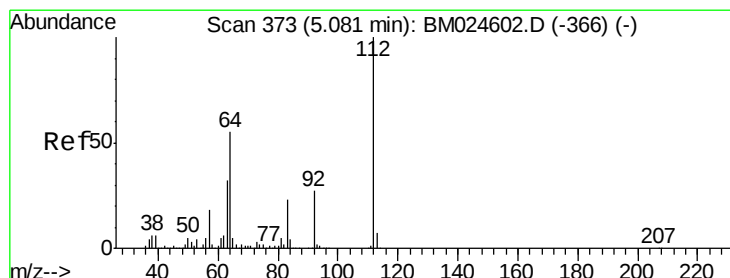
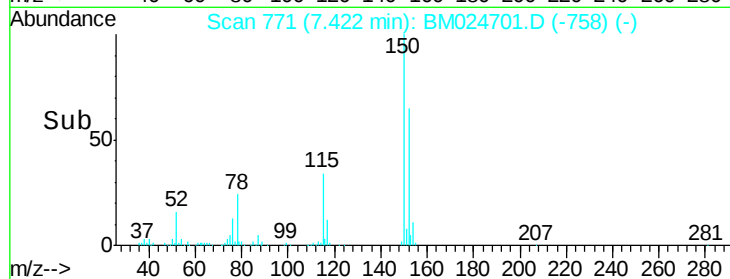
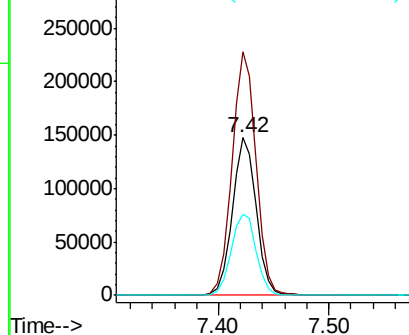


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

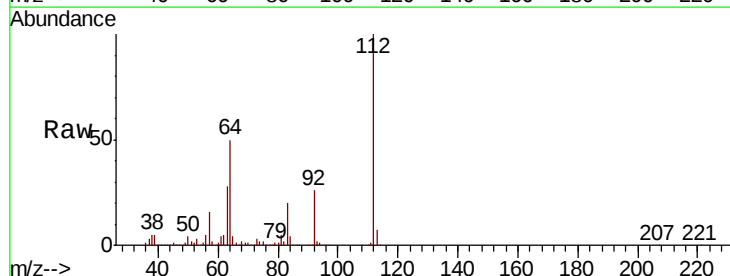
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 146.909 ng
 RT: 5.07 min Scan# 371
 Delta R.T. -0.01 min
 Lab File: BM024701.D
 Acq: 03 Feb 2020 16:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.0	44.2	66.4
63	28.1	25.9	38.9

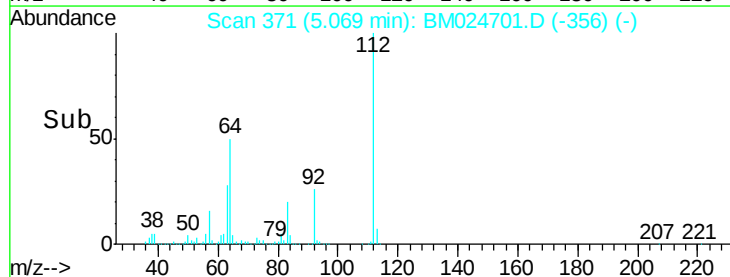
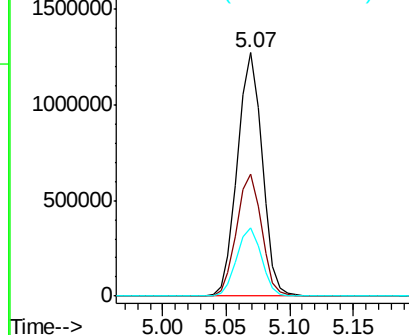


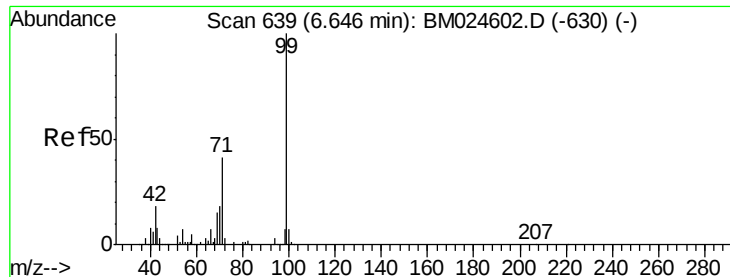
Abundance

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: 132.733 ng

RT: 6.63 min Scan# 636

Delta R.T. -0.02 min

Lab File: BM024701.D

Acq: 03 Feb 2020 16:23

Instrument :

BNA_M

ClientSampleId :

PD-2-(35-36)

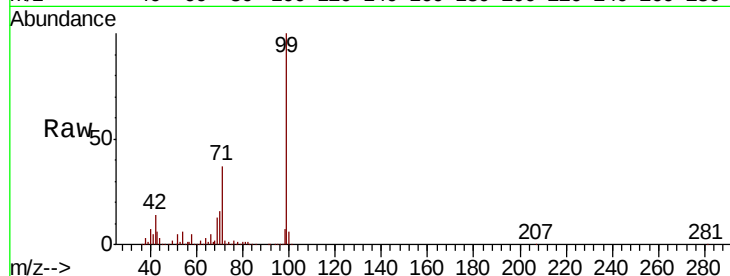
Tot Ion: 99 Resp: 2144720

Ion Ratio Lower Upper

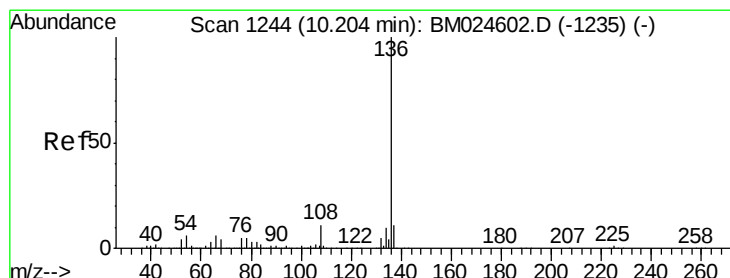
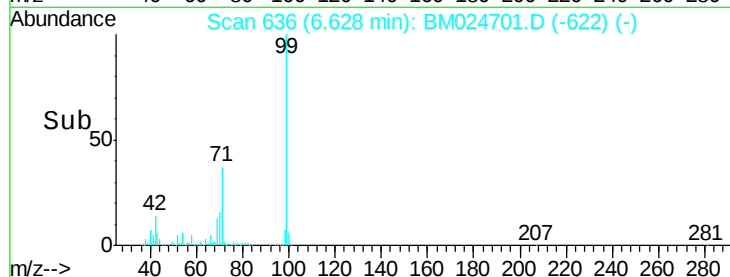
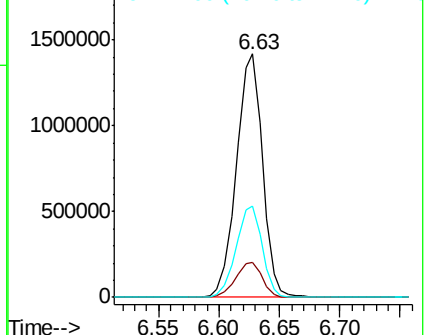
99 100

42 14.4 14.1 21.1

71 37.4 33.0 49.6



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: 10.18 min Scan# 1240

Delta R.T. -0.02 min

Lab File: BM024701.D

Acq: 03 Feb 2020 16:23

Tgt Ion: 136 Resp: 809460

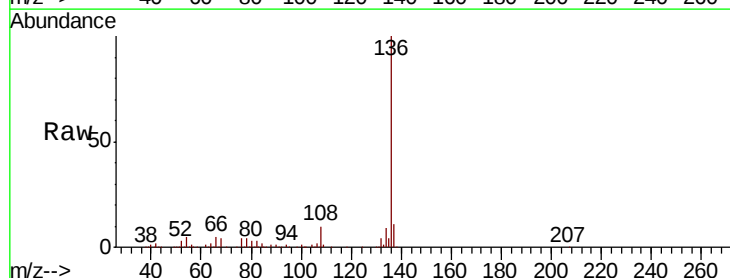
Ion Ratio Lower Upper

136 100

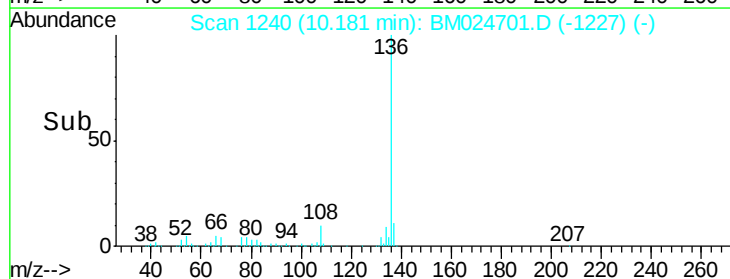
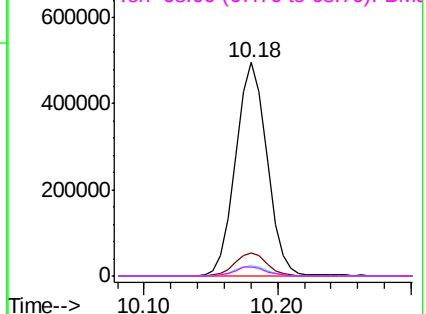
137 10.8 8.6 13.0

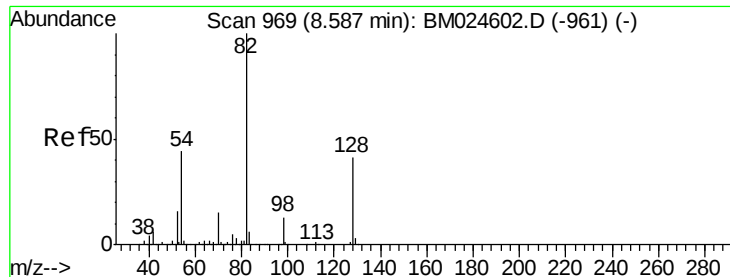
54 4.5 4.5 6.7

68 4.2 3.4 5.0



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: 82.821 ng

RT: 8.56 min Scan# 965

Delta R.T. -0.02 min

Lab File: BM024701.D

Acq: 03 Feb 2020 16:23

Instrument :

BNA_M

ClientSampled :

PD-2-(35-36)

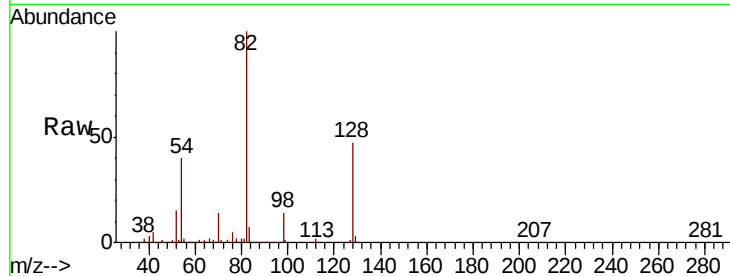
Tot Ion: 82 Resp: 1367004

Ion Ratio Lower Upper

82 100

128 46.9 32.6 48.8

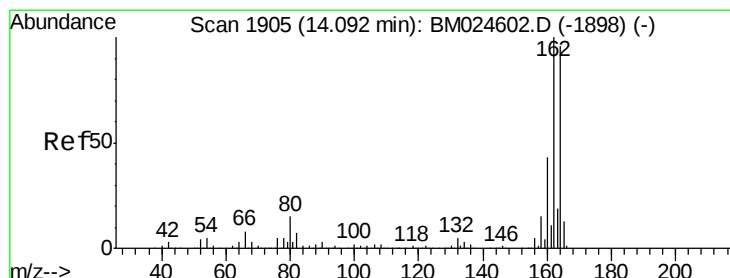
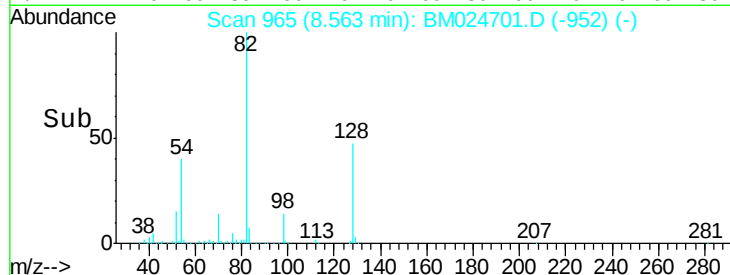
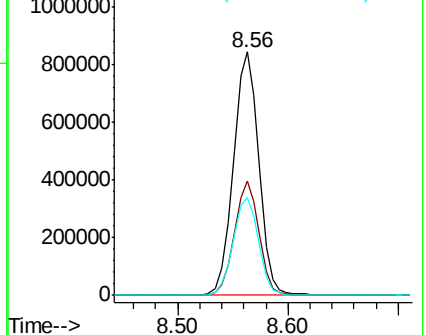
54 40.0 34.8 52.2



Abundance Ion 82.00 (81.70 to 82.70): BM024701.D (-952) (-)

Ion 128.00 (127.70 to 128.70): BM024701.D (-952) (-)

Ion 54.00 (53.70 to 54.70): BM024701.D (-952) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.07 min Scan# 1902

Delta R.T. -0.02 min

Lab File: BM024701.D

Acq: 03 Feb 2020 16:23

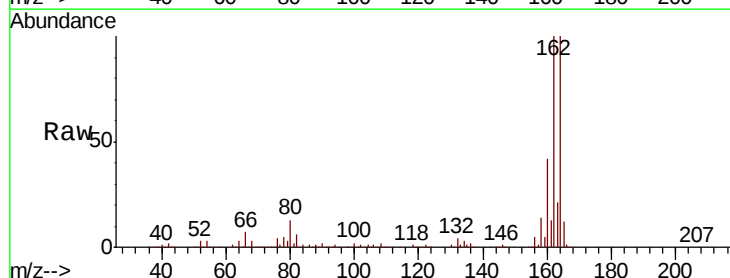
Tgt Ion:164 Resp: 541000

Ion Ratio Lower Upper

164 100

162 100.3 82.9 124.3

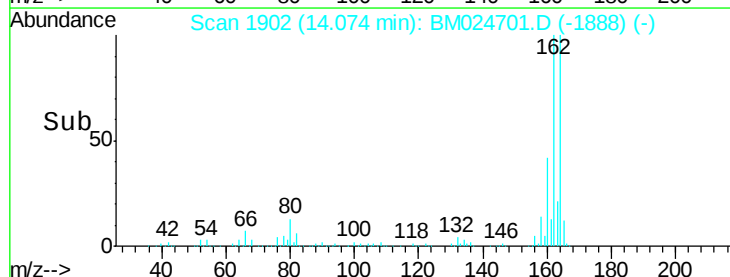
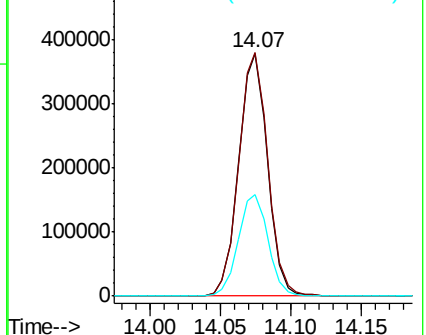
160 42.0 35.5 53.3

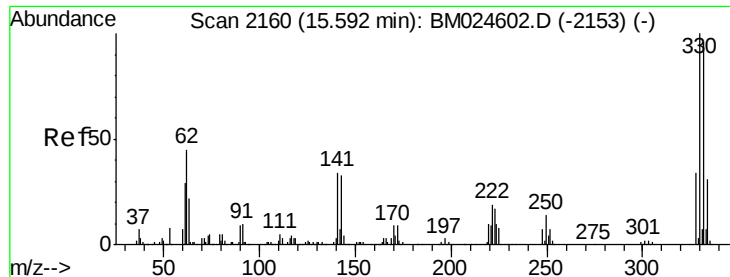


Abundance Ion 164.00 (163.70 to 164.70): BM024701.D (-1888) (-)

Ion 162.00 (161.70 to 162.70): BM024701.D (-1888) (-)

Ion 160.00 (159.70 to 160.70): BM024701.D (-1888) (-)





#42

2,4,6-Tribromophenol

Concen: 150.471 ng

RT: 15.57 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BM024701.D

Acq: 03 Feb 2020 16:23

Instrument :

BNA_M

ClientSampleId :

PD-2-(35-36)

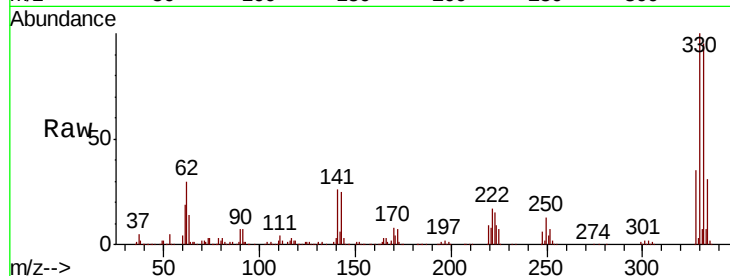
Tot Ion:330 Resp: 1324167

Ion Ratio Lower Upper

330 100

332 95.7 77.2 115.8

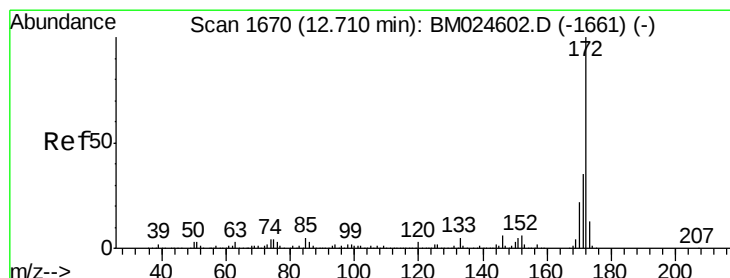
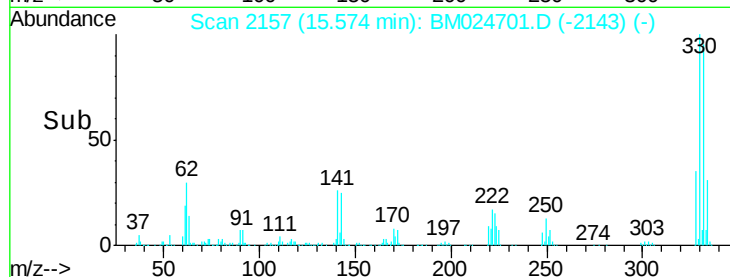
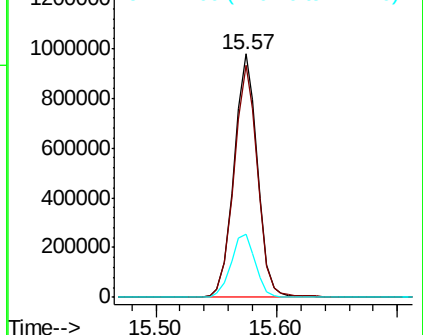
141 26.9 26.9 40.3



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: 83.206 ng

RT: 12.69 min Scan# 1666

Delta R.T. -0.02 min

Lab File: BM024701.D

Acq: 03 Feb 2020 16:23

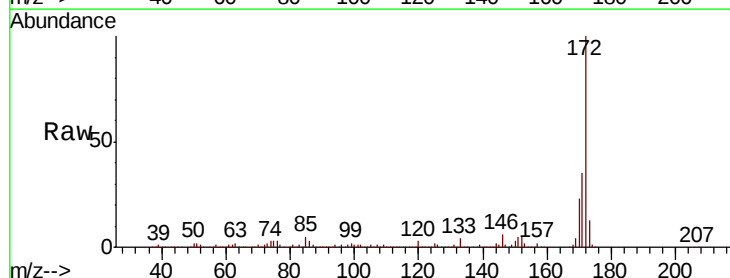
Tgt Ion:172 Resp: 3311090

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

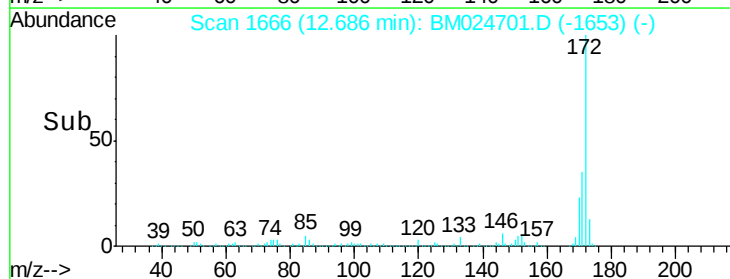
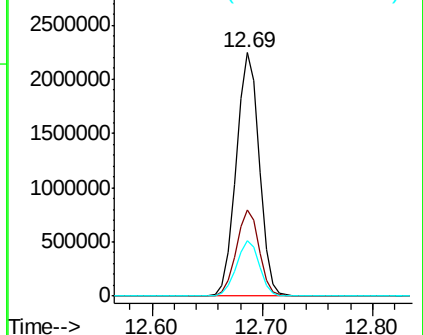
170 22.8 17.9 26.9

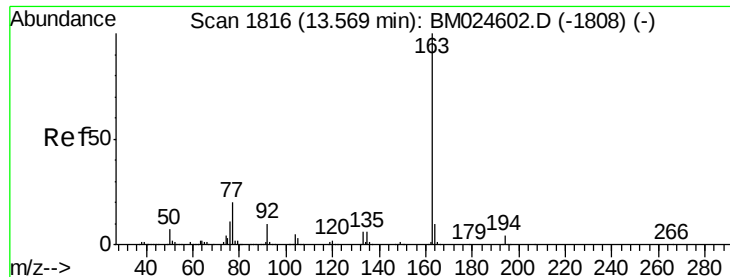


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.124 ng

RT: 13.54 min Scan# 1812

Delta R.T. -0.02 min

Lab File: BM024701.D

Acq: 03 Feb 2020 16:23

Instrument :

BNA_M

ClientSampleId :

PD-2-(35-36)

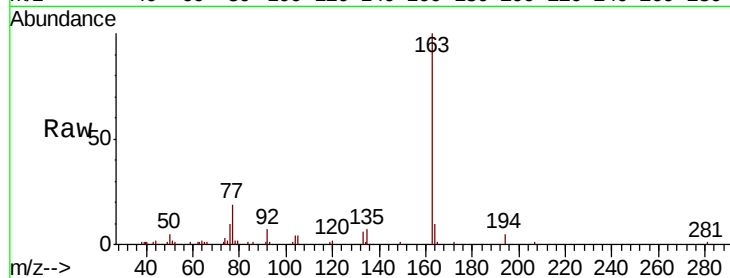
Tot Ion:163 Resp: 92922

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.0

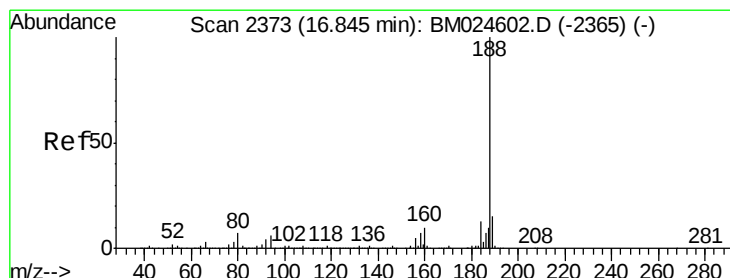
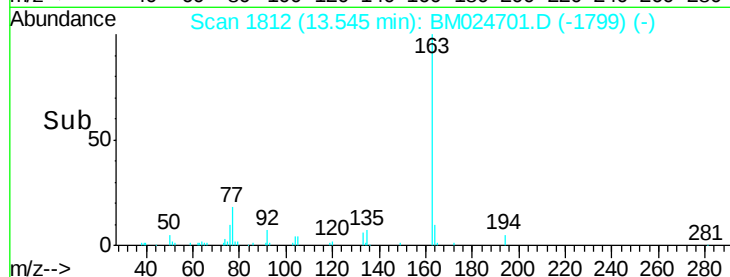
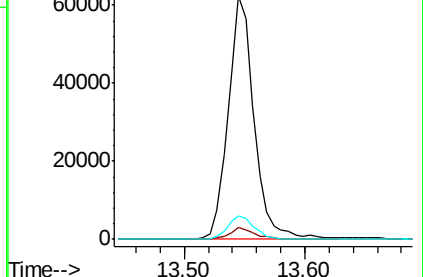
164 9.7 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.83 min Scan# 2370

Delta R.T. -0.02 min

Lab File: BM024701.D

Acq: 03 Feb 2020 16:23

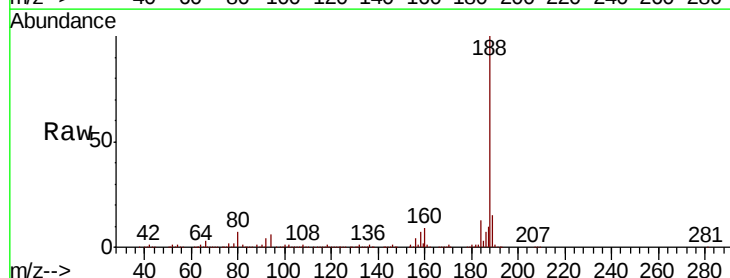
Tgt Ion:188 Resp: 1240107

Ion Ratio Lower Upper

188 100

94 6.0 5.0 7.6

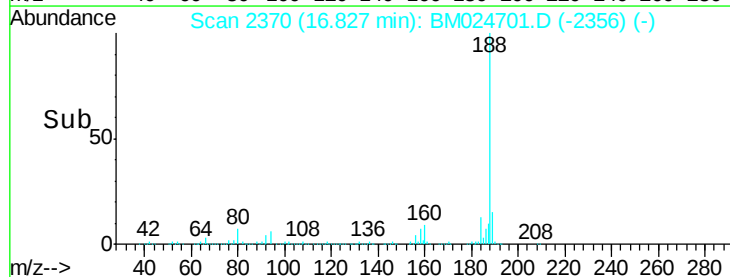
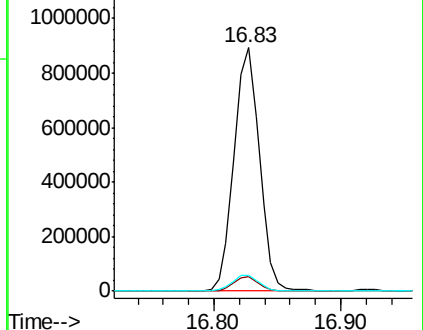
80 6.6 5.8 8.8

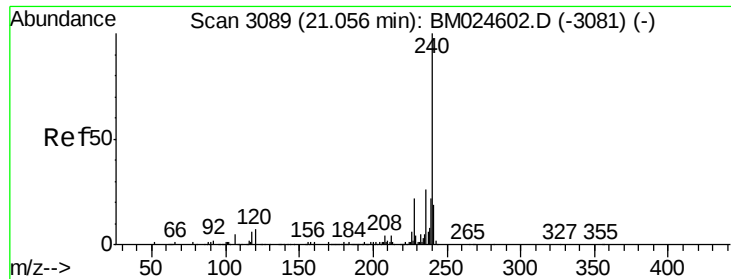


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM

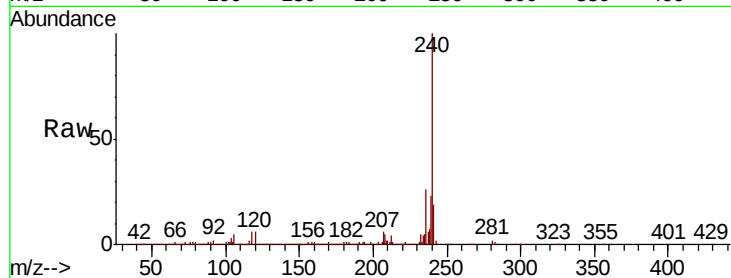




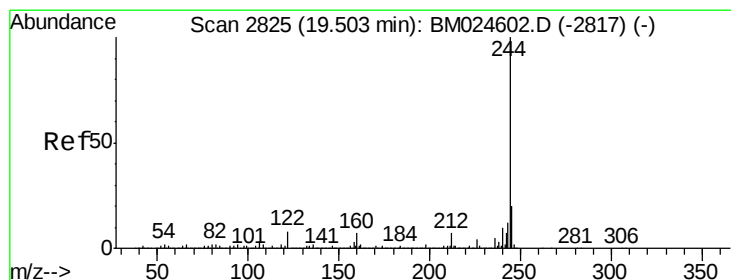
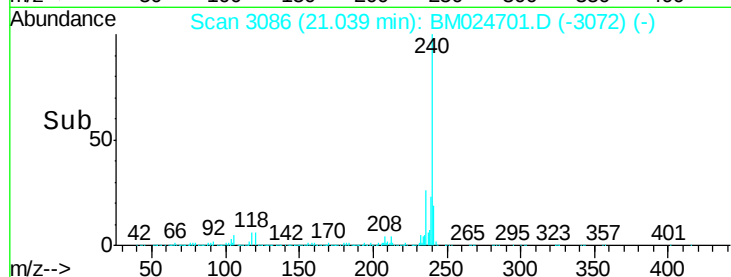
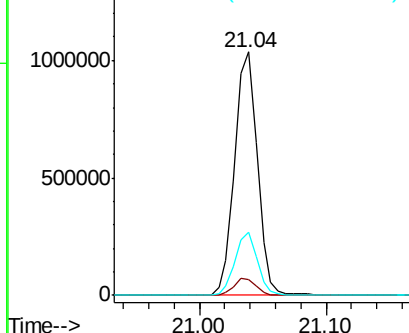
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.04 min Scan# 3086
 Delta R.T. -0.02 min
 Lab File: BM024701.D
 Acq: 03 Feb 2020 16:23

Instrument :
 BNA_M
 ClientSampleId :
 PD-2-(35-36)

Tot Ion:240 Resp: 1287640
 Ion Ratio Lower Upper
 240 100
 120 6.2 5.3 7.9
 236 25.9 20.6 31.0

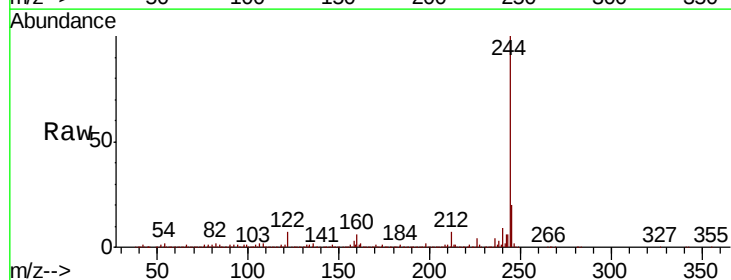


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

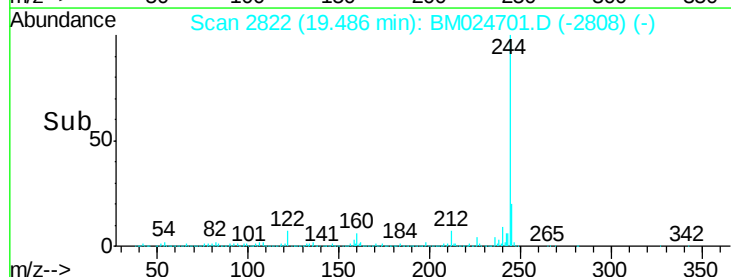
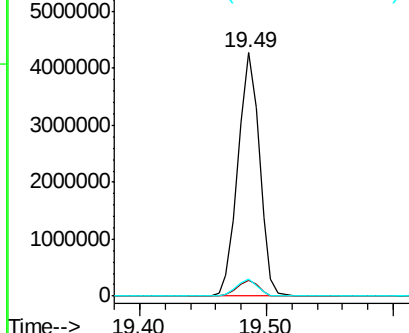


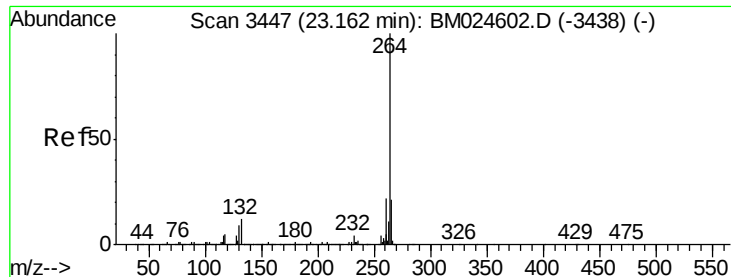
#79
 Terphenyl-d14
 Concen: 72.622 ng
 RT: 19.49 min Scan# 2822
 Delta R.T. -0.02 min
 Lab File: BM024701.D
 Acq: 03 Feb 2020 16:23

Tgt Ion:244 Resp: 5008863
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 7.1 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
Pervlene-d12
Concen: 20.000 ng
RT: 23.14 min Scan# 3444
Delta R.T. -0.02 min
Lab File: BM024701.D
Acq: 03 Feb 2020 16:23

Instrument :
BNA_M
ClientSampleId :
PD-2-(35-36)

Tot Ion:264 Resp: 1501945

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.9	26.9
265	22.0	17.3	25.9

