

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013120\
 Data File : BM024691.D
 Acq On : 01 Feb 2020 00:33
 Operator : CG/JU
 Sample : L1325-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 346

Quant Time: Feb 01 02:37:40 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	187622	20.00	ng	-0.02
21) Naphthalene-d8	10.18	136	661295	20.00	ng	-0.02
39) Acenaphthene-d10	14.07	164	439298	20.00	ng	-0.02
64) Phenanthrene-d10	16.83	188	1053763	20.00	ng	-0.02
76) Chrysene-d12	21.03	240	1172826	20.00	ng	-0.02
87) Perylene-d12	23.14	264	1342487	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	1368407	138.70	ng	-0.01
7) Phenol-d6	6.63	99	1558321	114.66	ng	-0.02
23) Nitrobenzene-d5	8.56	82	1101598	81.69	ng	-0.02
42) 2,4,6-Tribromophenol	15.57	330	1096628	153.46	ng	-0.02
45) 2-Fluorobiphenyl	12.69	172	3019523	93.45	ng	-0.02
79) Terphenyl-d14	19.49	244	6255738	99.58	ng	-0.02

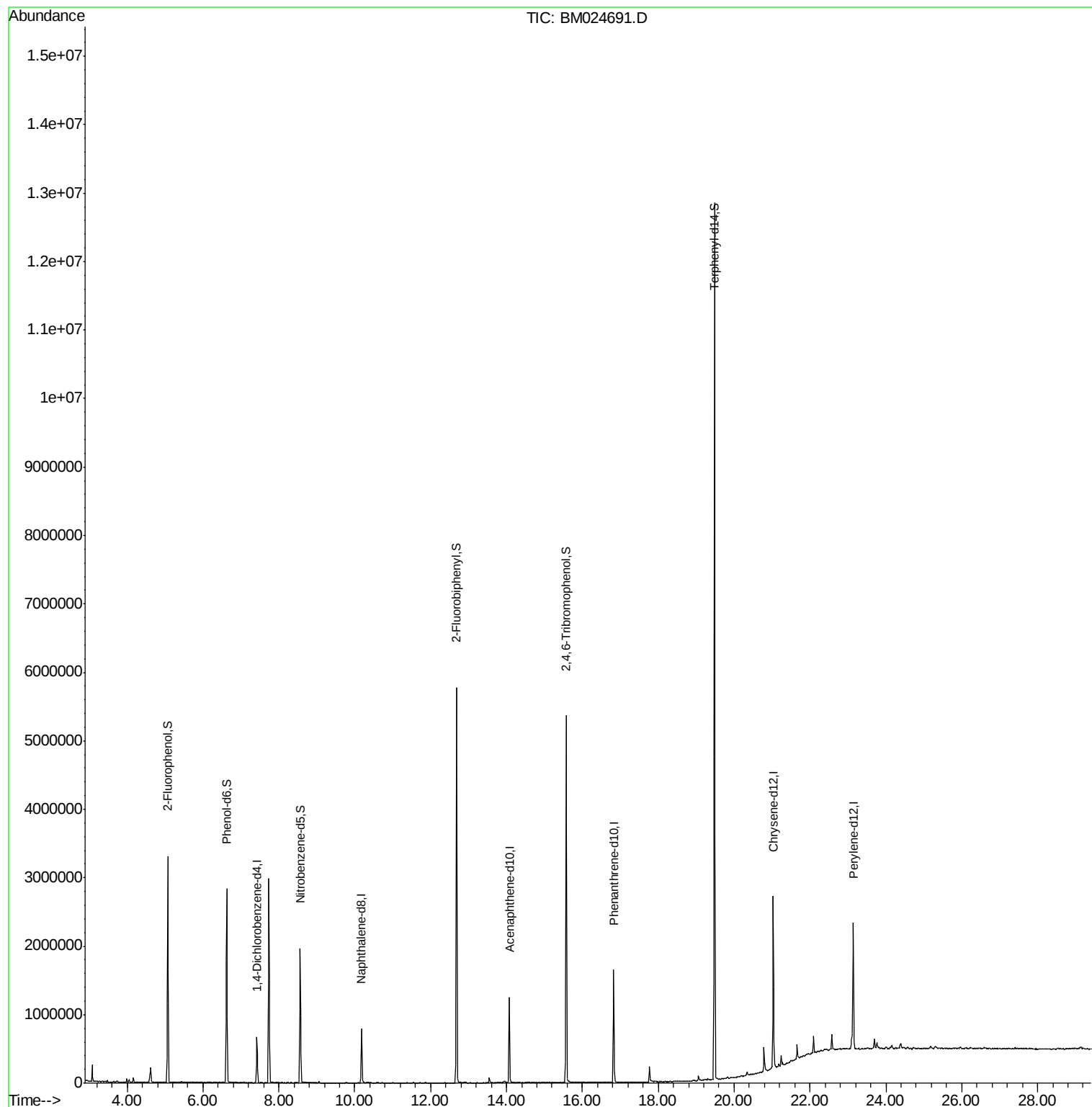
Target Compounds Qvalue

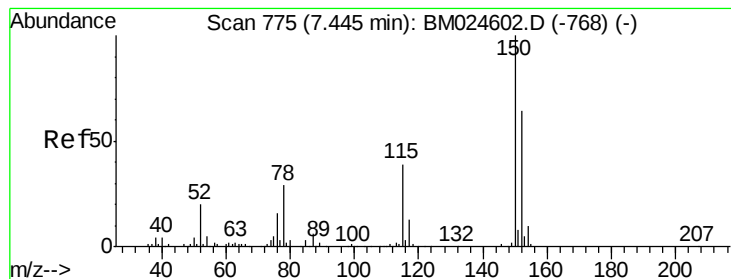
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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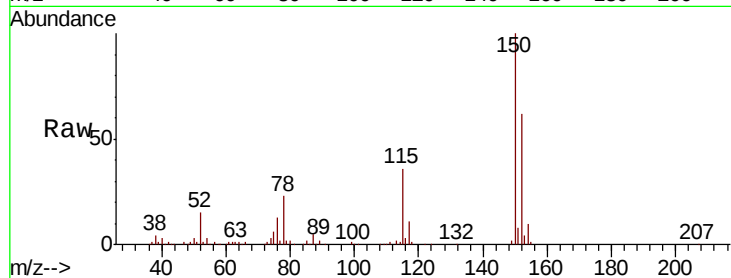


#1

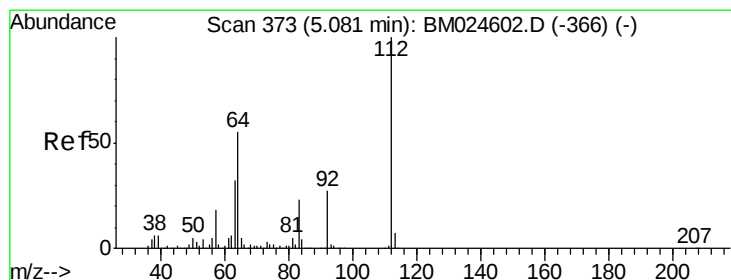
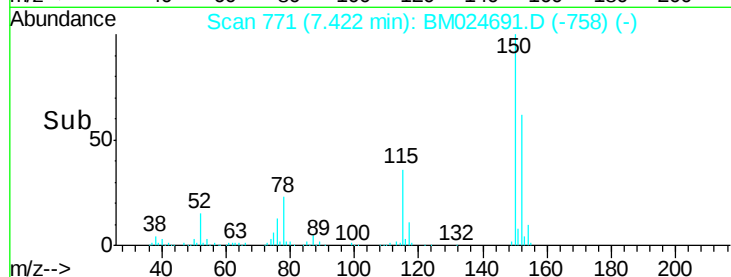
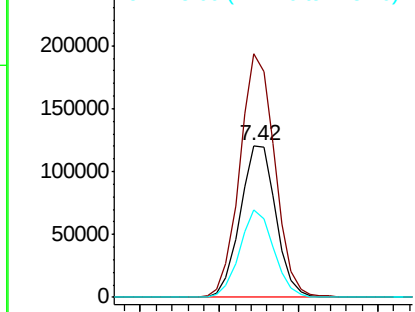
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.02 min
Lab File: BM024691.D
Acq: 01 Feb 2020 00:33

Instrument :
BNA_M
ClientSampleId :
346

Tot Ion:152 Resp: 187622
Ion Ratio Lower Upper
152 100
150 160.1 124.2 186.4
115 57.1 48.6 72.8



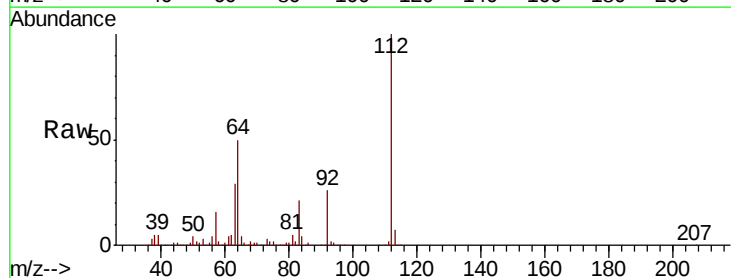
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



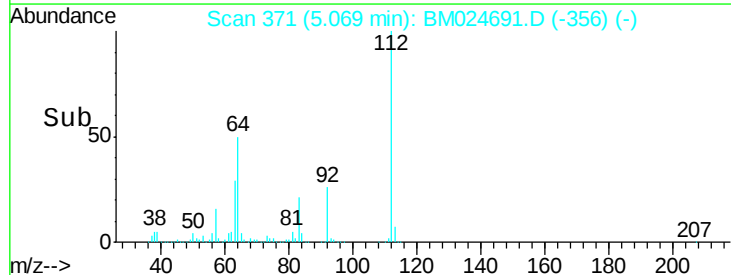
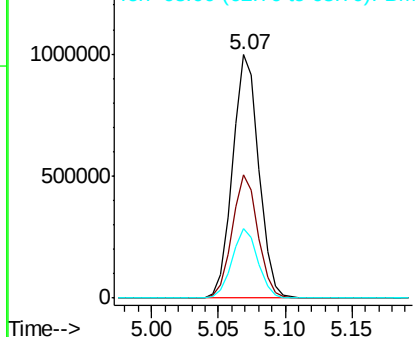
#5

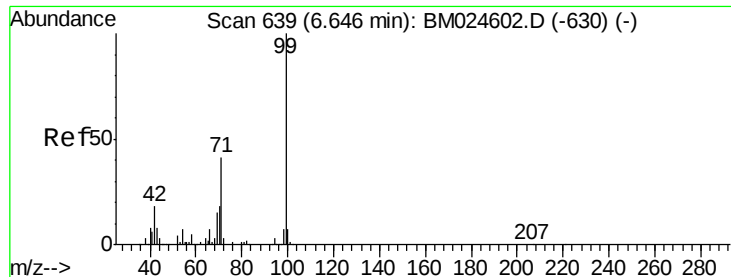
2-Fluorophenol
Concen: 138.703 ng
RT: 5.07 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM024691.D
Acq: 01 Feb 2020 00:33

Tgt Ion:112 Resp: 1368407
Ion Ratio Lower Upper
112 100
64 50.5 44.2 66.4
63 28.8 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: 114.661 ng

RT: 6.63 min Scan# 636

Delta R.T. -0.02 min

Lab File: BM024691.D

Acq: 01 Feb 2020 00:33

Instrument :

BNA_M

ClientSampleId :

346

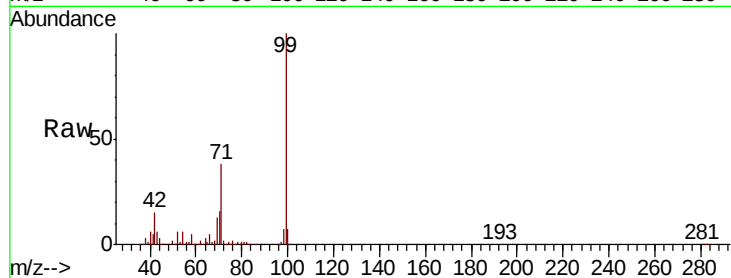
Tot Ion: 99 Resp: 1558321

Ion Ratio Lower Upper

99 100

42 14.7 14.1 21.1

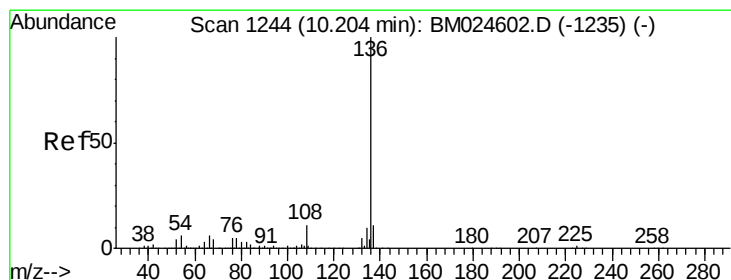
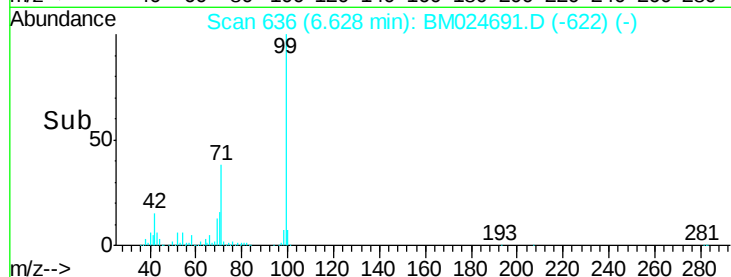
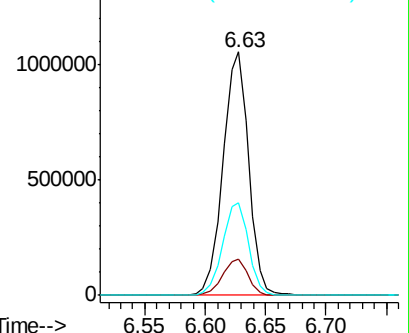
71 38.2 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BM024691.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM024691.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM024691.D (-622) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.18 min Scan# 1240

Delta R.T. -0.02 min

Lab File: BM024691.D

Acq: 01 Feb 2020 00:33

Tgt Ion: 136 Resp: 661295

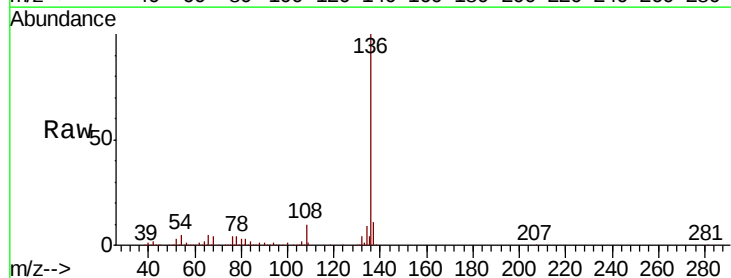
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 4.7 4.5 6.7

68 3.7 3.4 5.0

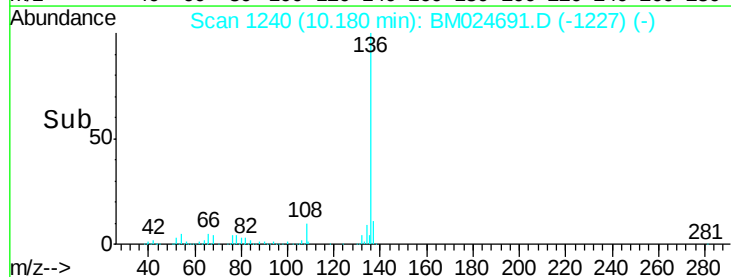
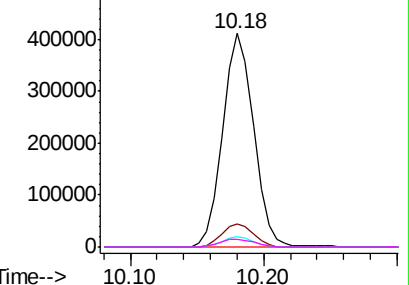


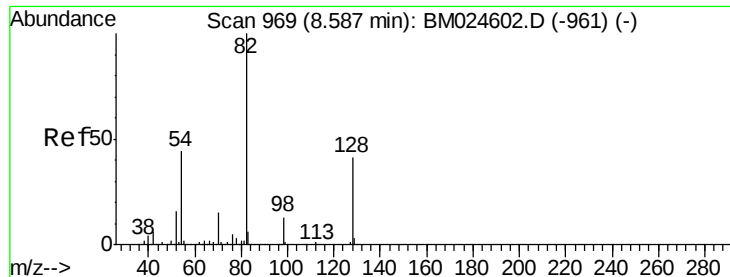
Abundance Ion 136.00 (135.70 to 136.70): BM024691.D (-1227) (-)

Ion 137.00 (136.70 to 137.70): BM024691.D (-1227) (-)

Ion 54.00 (53.70 to 54.70): BM024691.D (-1227) (-)

Ion 68.00 (67.70 to 68.70): BM024691.D (-1227) (-)





#23

Nitrobenzene-d5

Concen: 81.694 ng

RT: 8.56 min Scan# 965

Delta R.T. -0.02 min

Lab File: BM024691.D

Acq: 01 Feb 2020 00:33

Instrument :

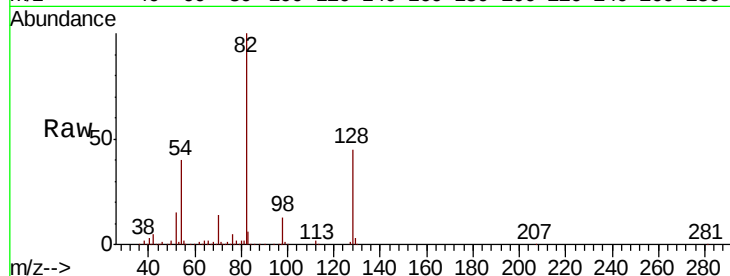
BNA_M

ClientSampleId :

346

Tot Ion: 82 Resp: 1101598

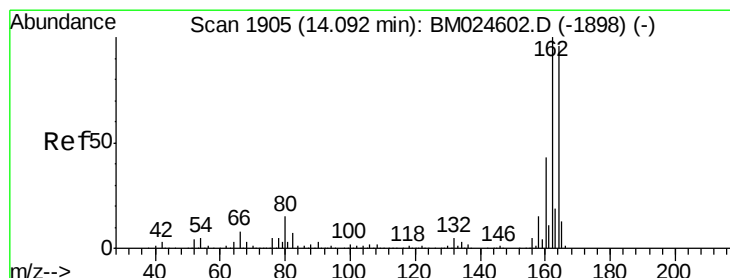
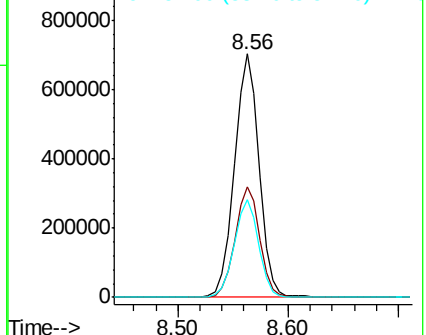
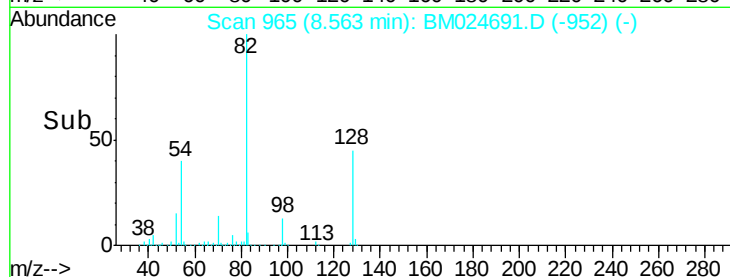
Ion	Ratio	Lower	Upper
82	100		
128	45.3	32.6	48.8
54	40.0	34.8	52.2



Abundance Ion 82.00 (81.70 to 82.70): BM024691.D (-952) (-)

Ion 128.00 (127.70 to 128.70): BM024691.D (-952) (-)

Ion 54.00 (53.70 to 54.70): BM024691.D (-952) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.07 min Scan# 1902

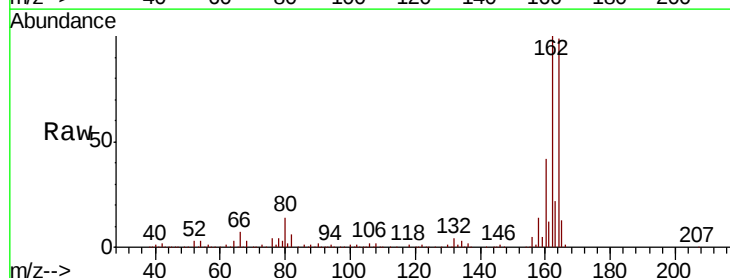
Delta R.T. -0.02 min

Lab File: BM024691.D

Acq: 01 Feb 2020 00:33

Tgt Ion: 164 Resp: 439298

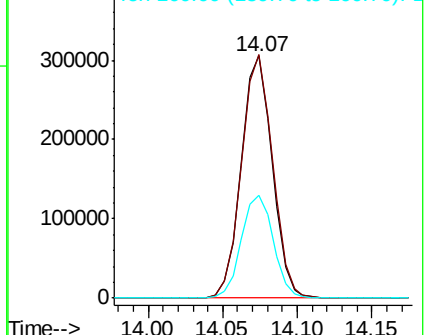
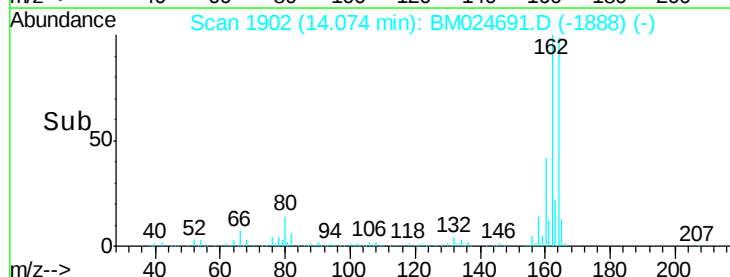
Ion	Ratio	Lower	Upper
164	100		
162	100.7	82.9	124.3
160	42.7	35.5	53.3

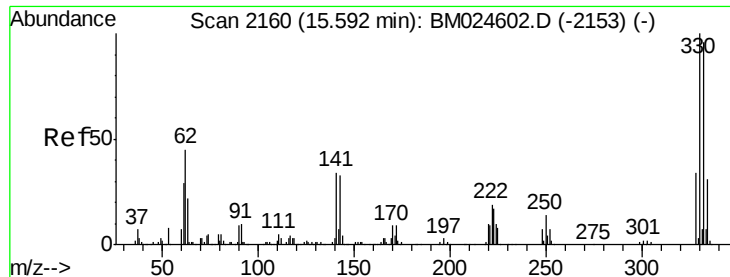


Abundance Ion 164.00 (163.70 to 164.70): BM024691.D (-1888) (-)

Ion 162.00 (161.70 to 162.70): BM024691.D (-1888) (-)

Ion 160.00 (159.70 to 160.70): BM024691.D (-1888) (-)

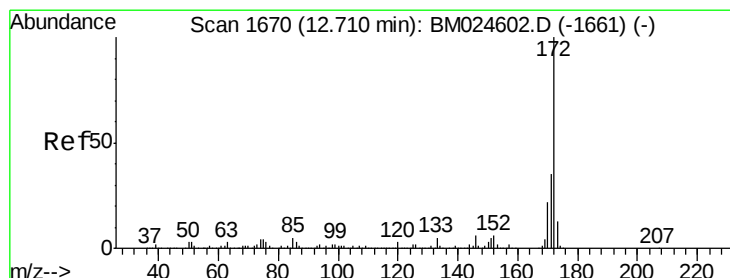
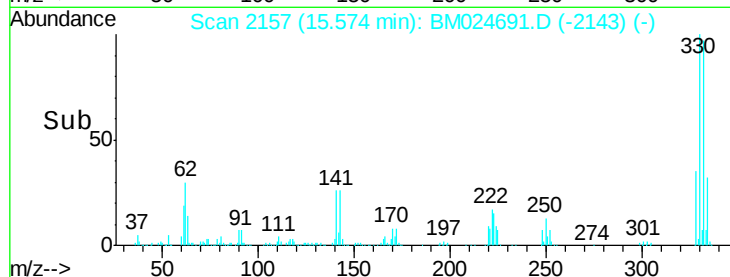
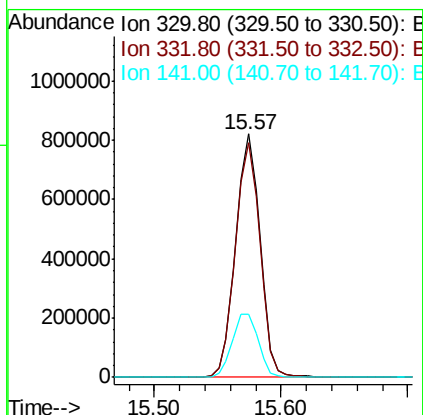
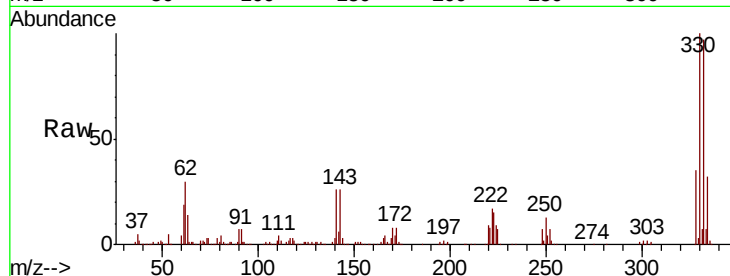




#42
 2,4,6-Tribromophenol
 Concen: 153.464 ng
 RT: 15.57 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BM024691.D
 Acq: 01 Feb 2020 00:33

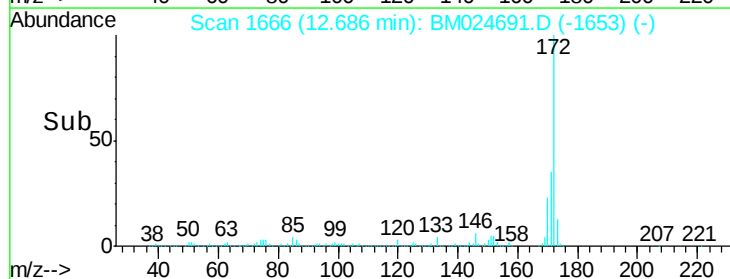
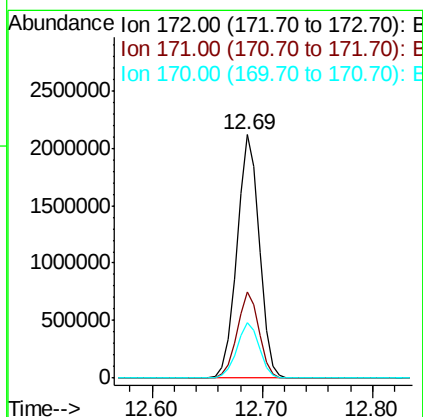
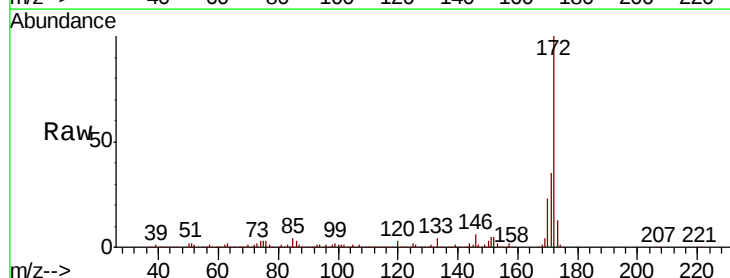
Instrument :
 BNA_M
 ClientSampleId :
 346

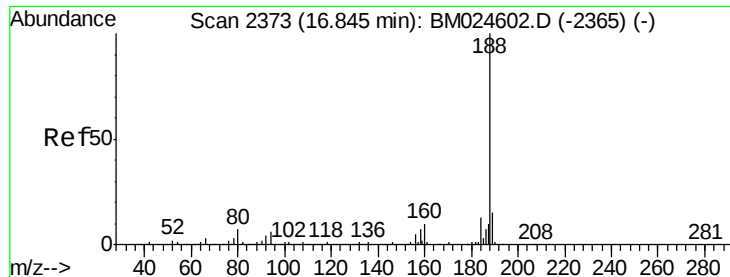
Tot Ion:330 Resp: 1096628
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.2 115.8
 141 27.9 26.9 40.3



#45
 2-Fluorobiphenyl
 Concen: 93.446 ng
 RT: 12.69 min Scan# 1666
 Delta R.T. -0.02 min
 Lab File: BM024691.D
 Acq: 01 Feb 2020 00:33

Tgt Ion:172 Resp: 3019523
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.3 42.5
 170 22.6 17.9 26.9

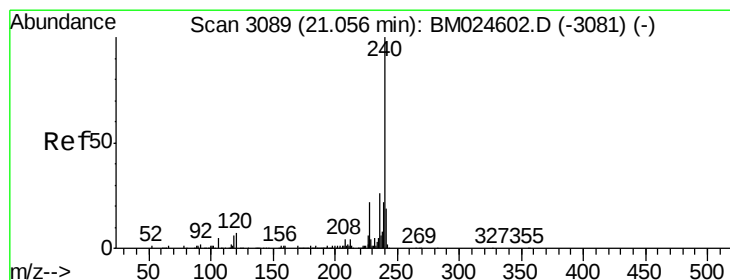
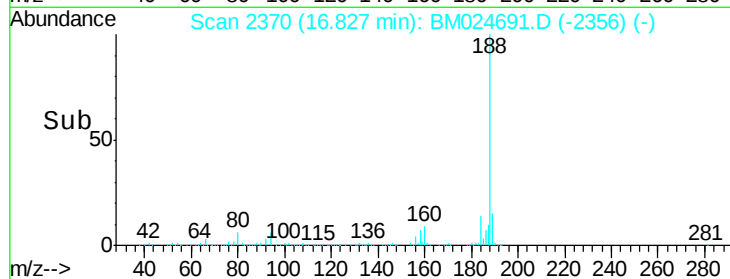
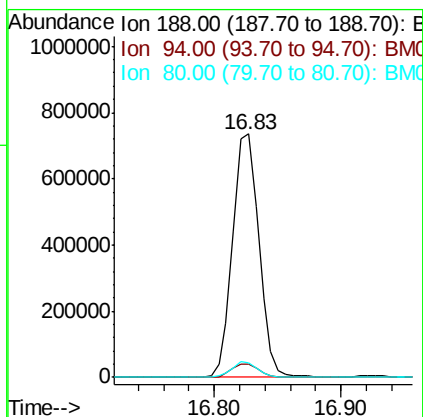
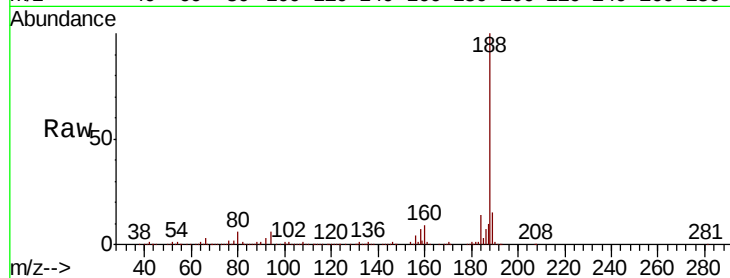




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2370
Delta R.T. -0.02 min
Lab File: BM024691.D
Acq: 01 Feb 2020 00:33

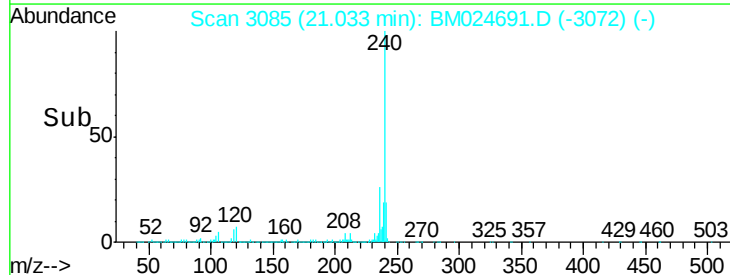
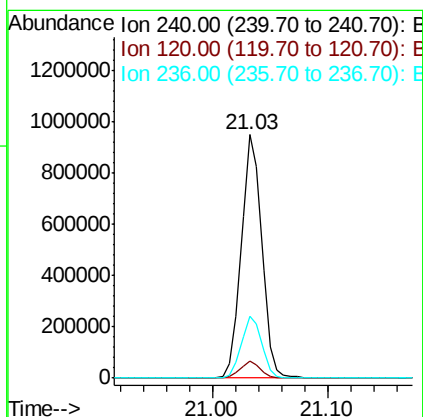
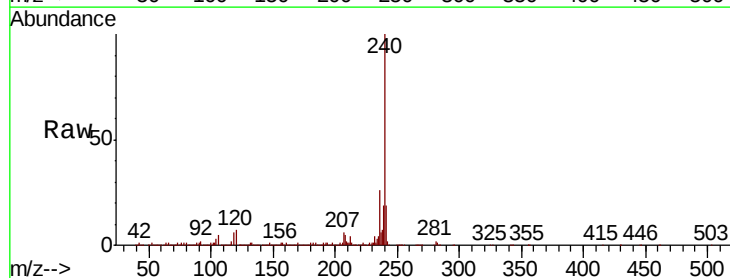
Instrument :
BNA_M
ClientSampled :
346

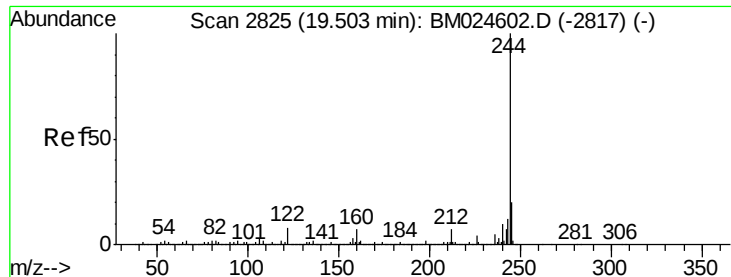
Tot Ion:188 Resp: 1053763
Ion Ratio Lower Upper
188 100
94 5.6 5.0 7.6
80 6.1 5.8 8.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.03 min Scan# 3085
Delta R.T. -0.02 min
Lab File: BM024691.D
Acq: 01 Feb 2020 00:33

Tgt Ion:240 Resp: 1172826
Ion Ratio Lower Upper
240 100
120 6.8 5.3 7.9
236 25.6 20.6 31.0





#79

Terphenyl-d14

Concen: 99.579 ng

RT: 19.49 min Scan# 2822

Delta R.T. -0.02 min

Lab File: BM024691.D

Acq: 01 Feb 2020 00:33

Instrument :

BNA_M

ClientSampleId :

346

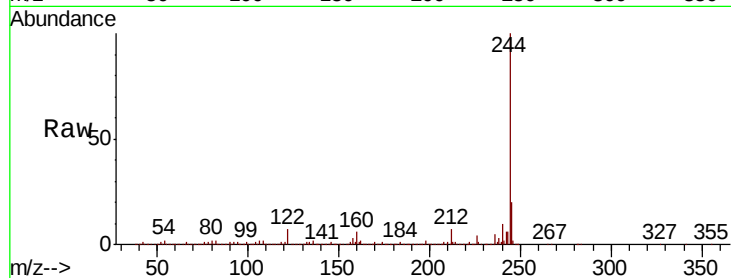
Tot Ion:244 Resp: 6255738

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

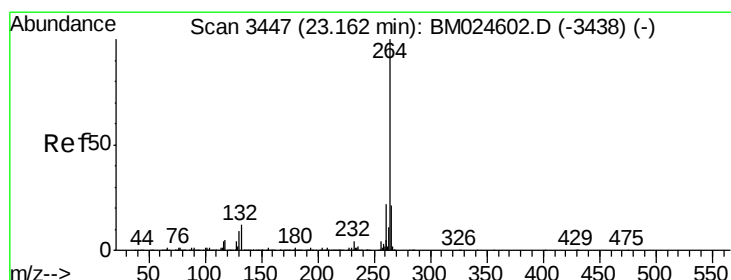
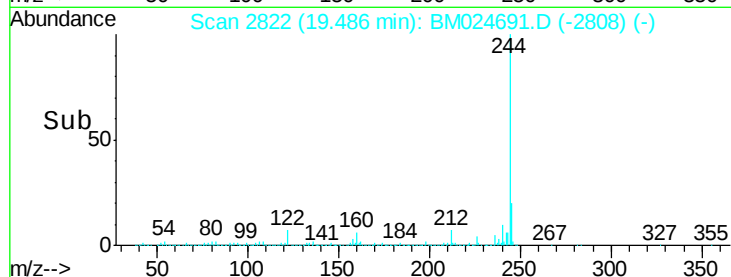
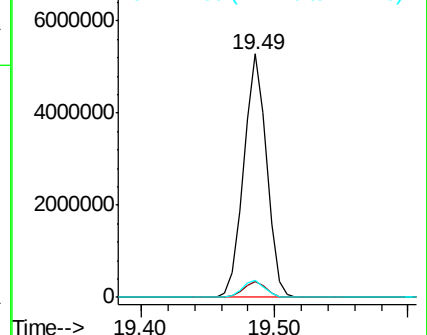
122 7.2 6.2 9.4



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# 3443

Delta R.T. -0.02 min

Lab File: BM024691.D

Acq: 01 Feb 2020 00:33

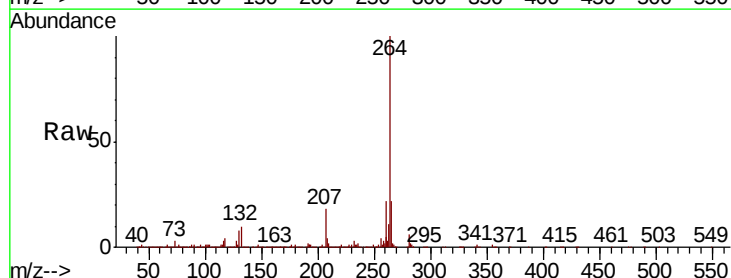
Tgt Ion:264 Resp: 1342487

Ion Ratio Lower Upper

264 100

260 22.4 17.9 26.9

265 21.5 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

