

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 :

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

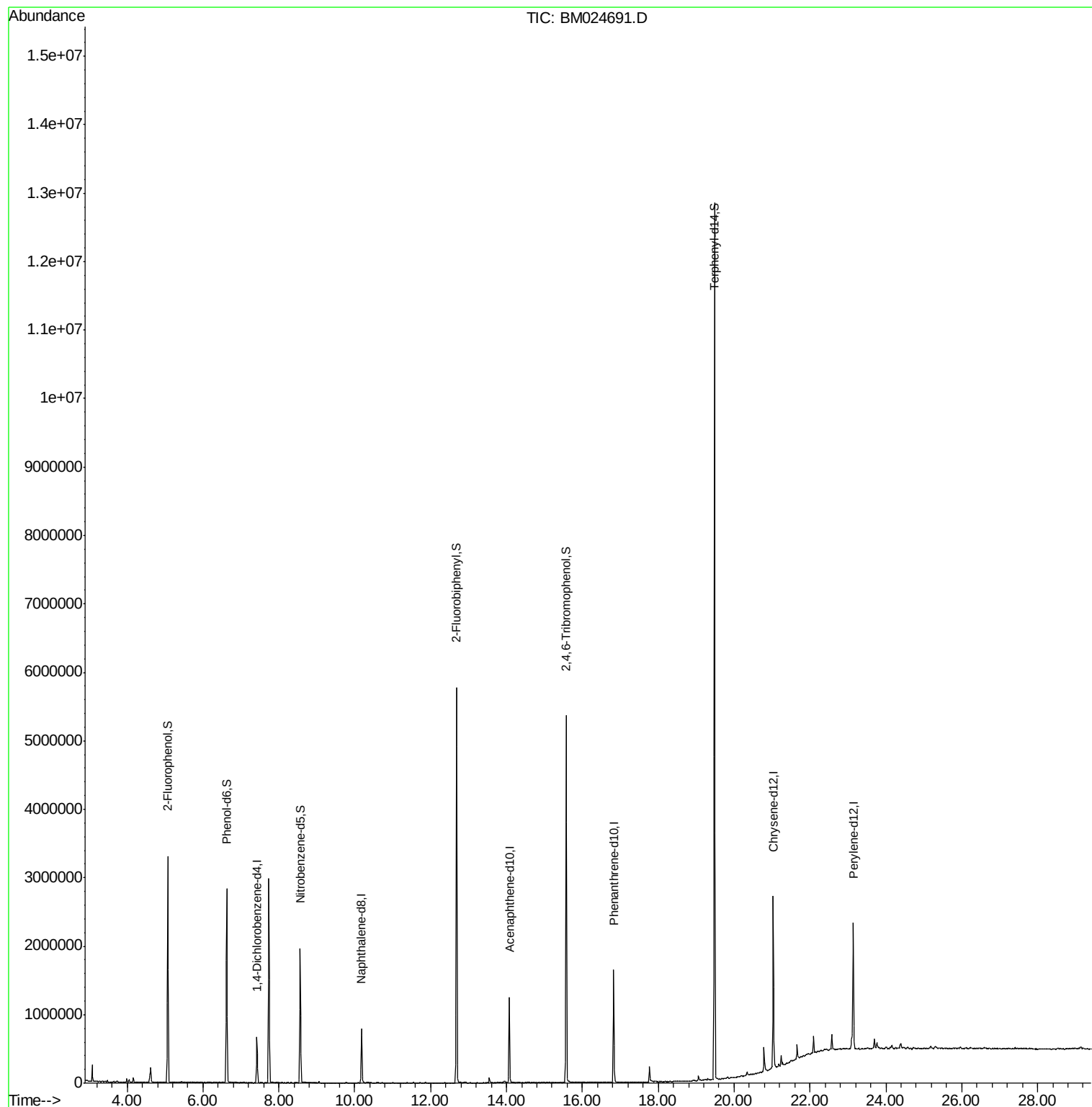
Target Compounds Qvalue

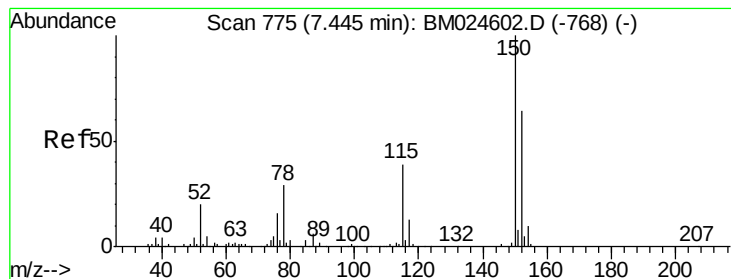
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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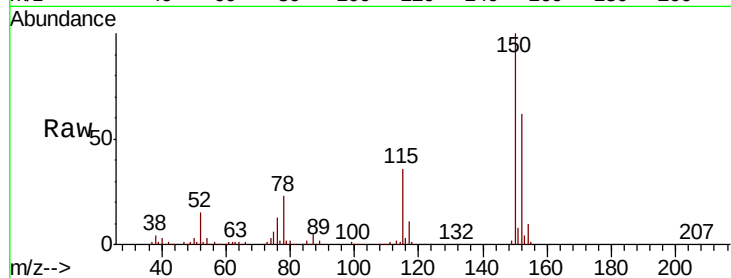


#1

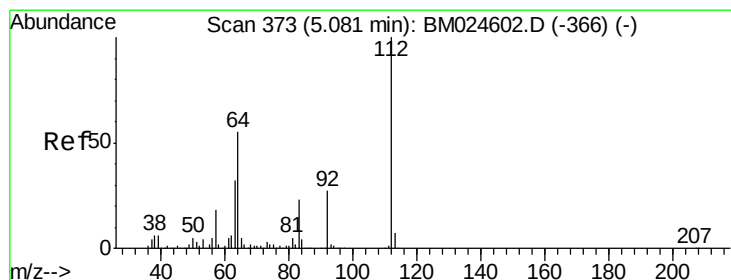
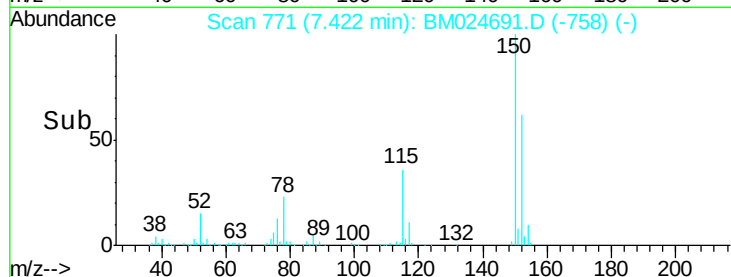
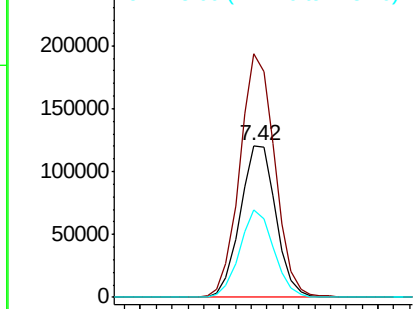
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.02 min
Lab File: BM024691.D
Acq: 01 Feb 2020 00:33

Instrument :
BNA_M
ClientSampleId :

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



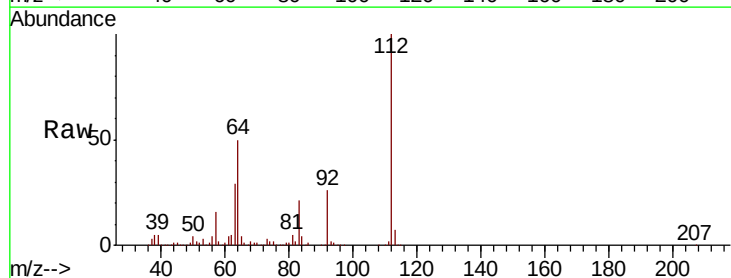
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



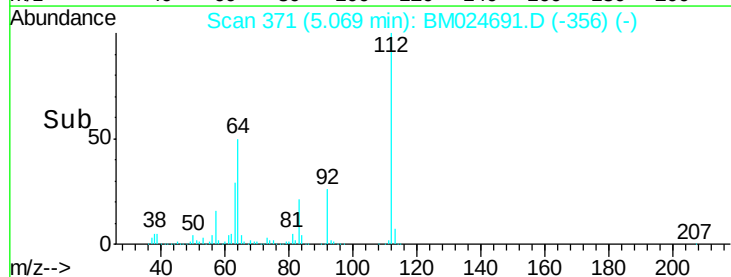
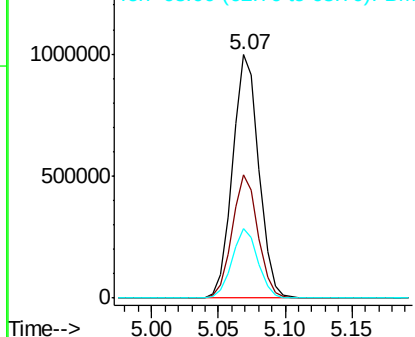
#5

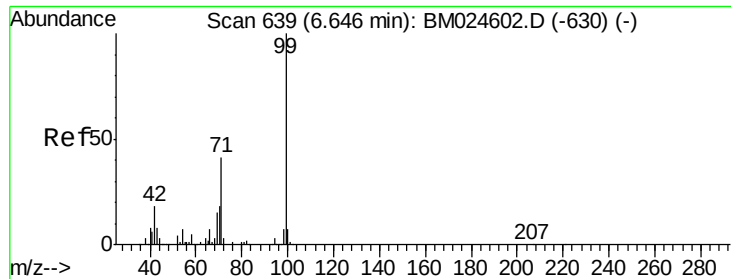
2-Fluorophenol
Concen: 138.703 ng
RT: 5.07 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM024691.D
Acq: 01 Feb 2020 00:33

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

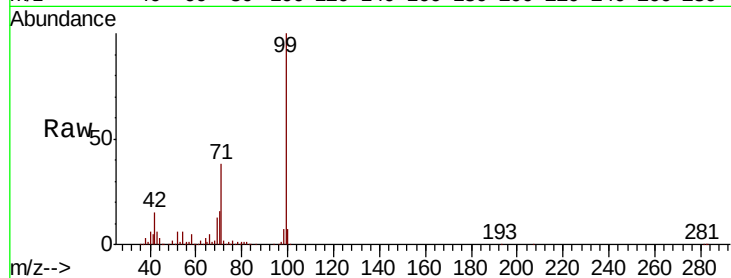
Instrument :

BNA_M

ClientSampleId :

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

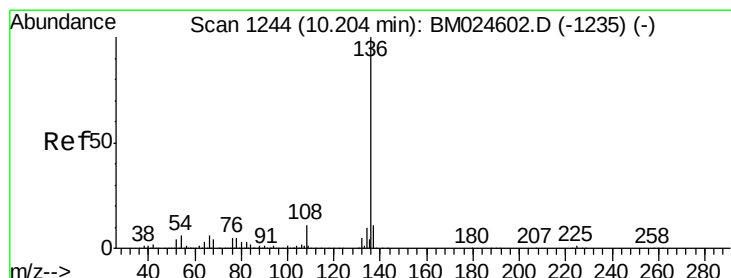
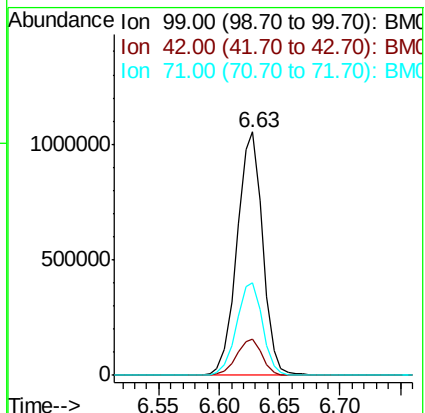
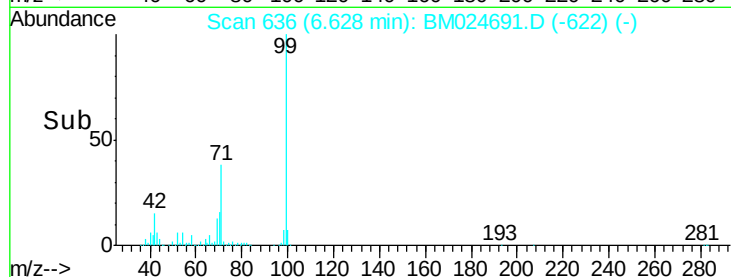


Abundance

Ion 99.00 (98.70 to 99.70): 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

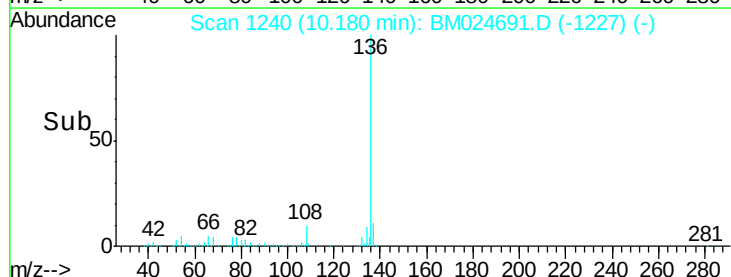
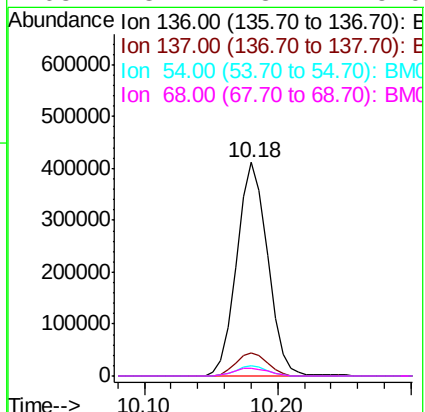
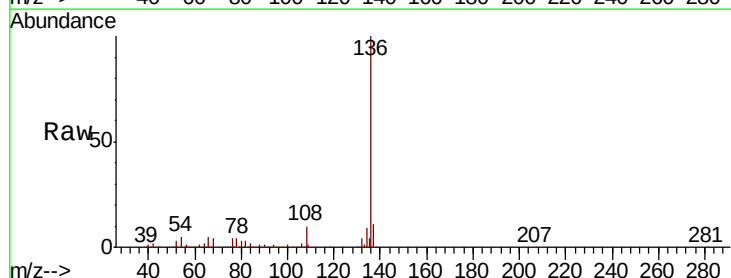
Delta R.T. -0.02 min

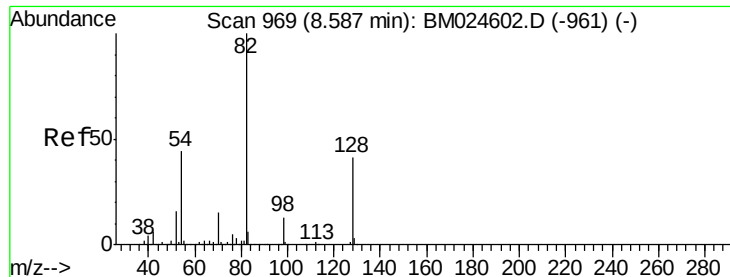
Lab File: BM024691.D

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



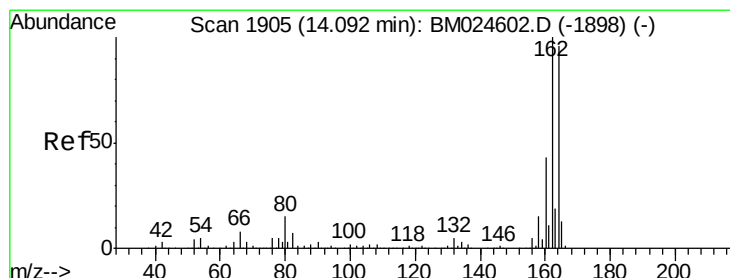
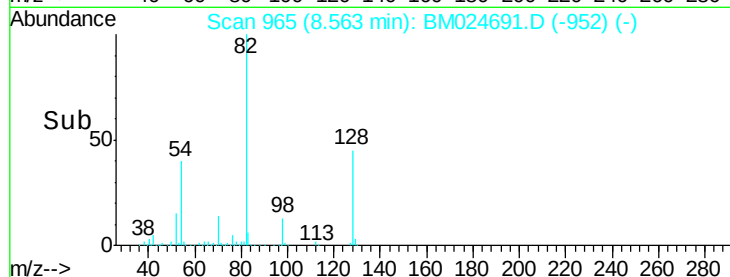
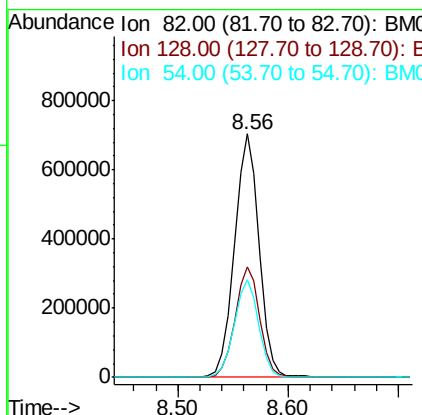
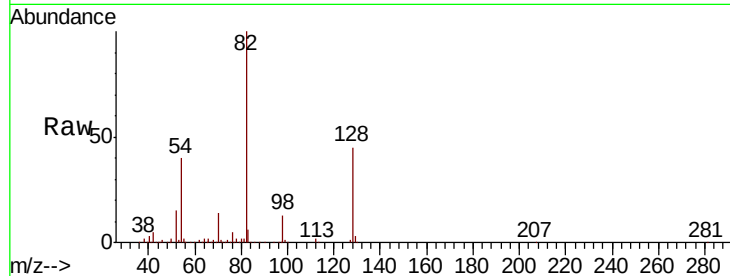


#23
 Nitrobenzene-d5
 Concen: 81.694 ng
 RT: 8.56 min Scan# 965
 Delta R.T. -0.02 min
 Lab File: BM024691.D
 Acq: 01 Feb 2020 00:33

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 82 Resp: 1101598

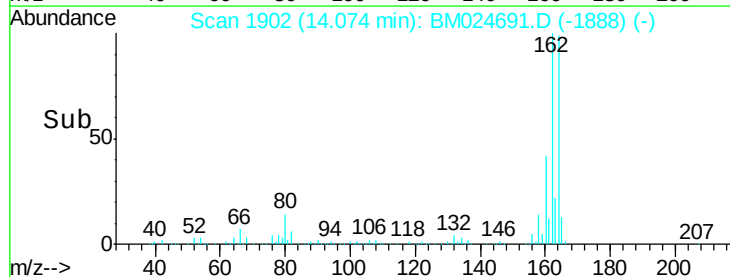
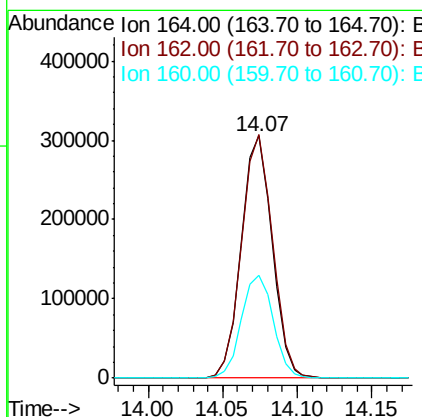
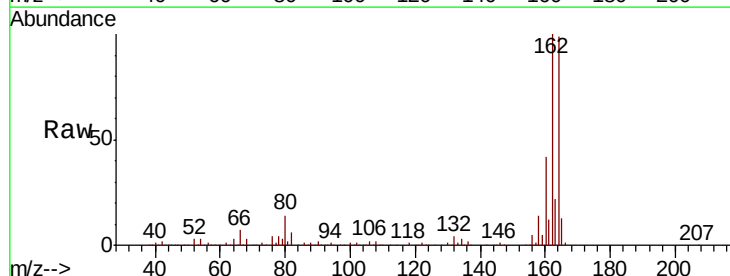
Ion	Ratio	Lower	Upper
82	100		
128	45.3	32.6	48.8
54	40.0	34.8	52.2

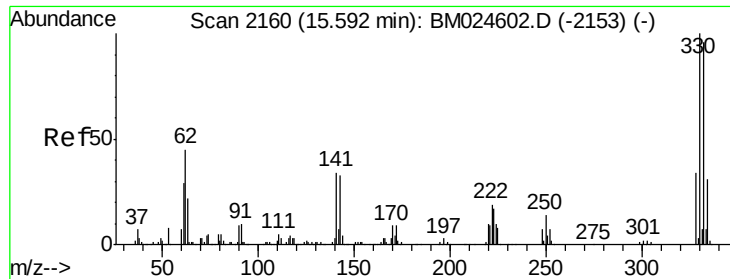


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.07 min Scan# 1902
 Delta R.T. -0.02 min
 Lab File: BM024691.D
 Acq: 01 Feb 2020 00:33

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





#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 :

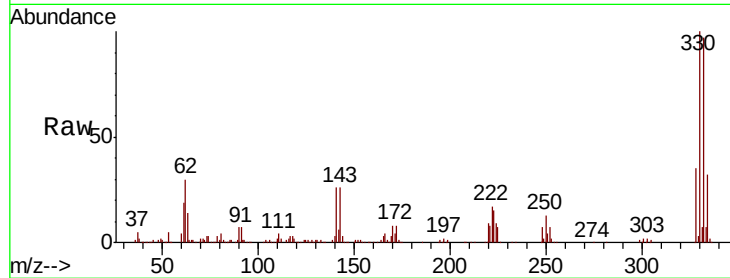
Tot Ion:330 Resp: 1096628

Ion Ratio Lower Upper

330 100

332 97.5 77.2 115.8

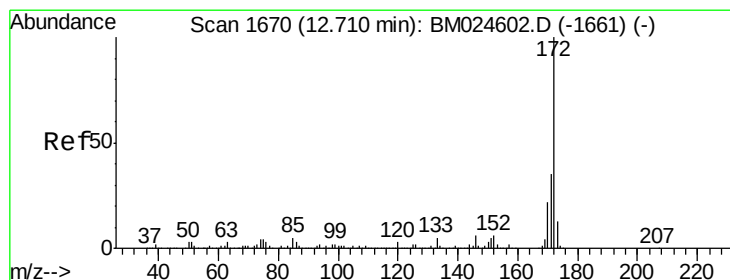
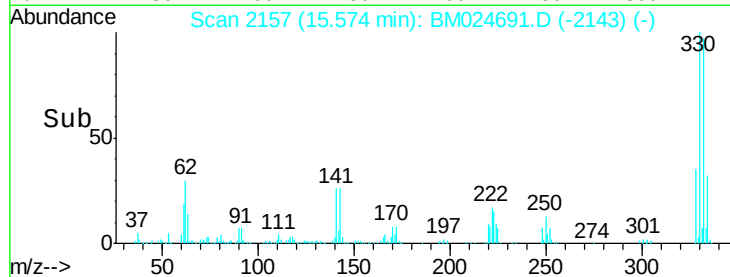
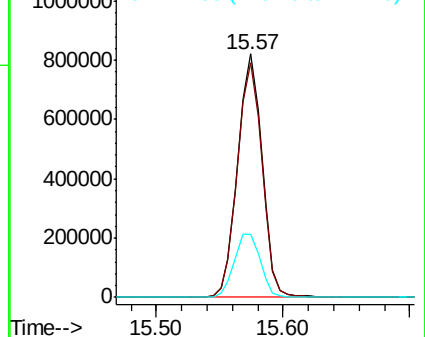
141 27.9 26.9 40.3



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: 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

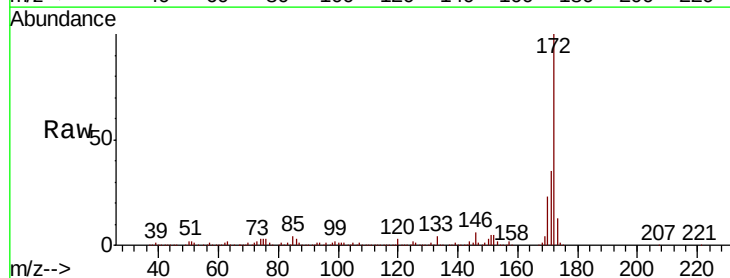
Tgt Ion:172 Resp: 3019523

Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

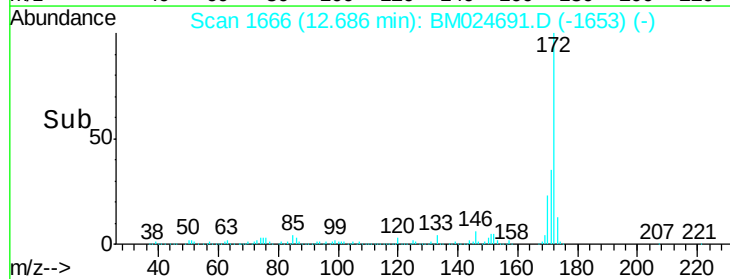
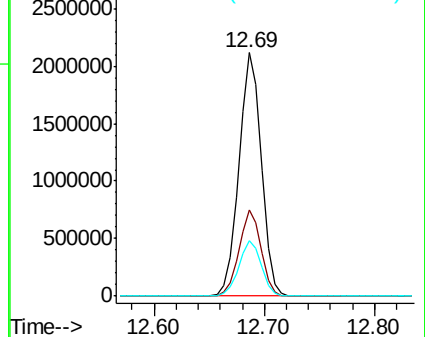
170 22.6 17.9 26.9

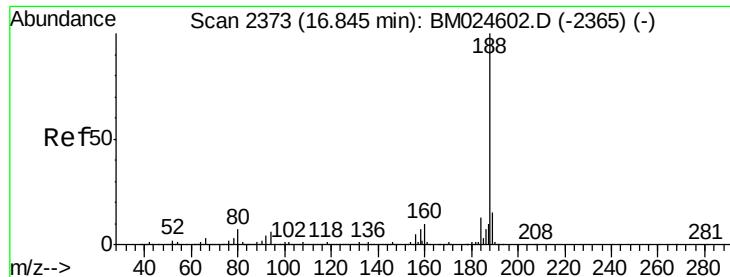


Abundance Ion 172.00 (171.70 to 172.70): E

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: BM024691.D

Acq: 01 Feb 2020 00:33

Instrument :

BNA_M

ClientSampleId :

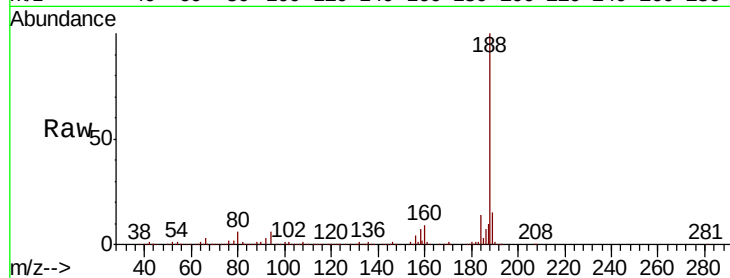
Tot Ion:188 Resp: 1053763

Ion Ratio Lower Upper

188 100

94 5.6 5.0 7.6

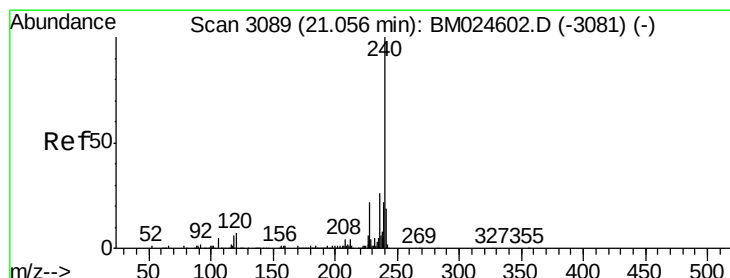
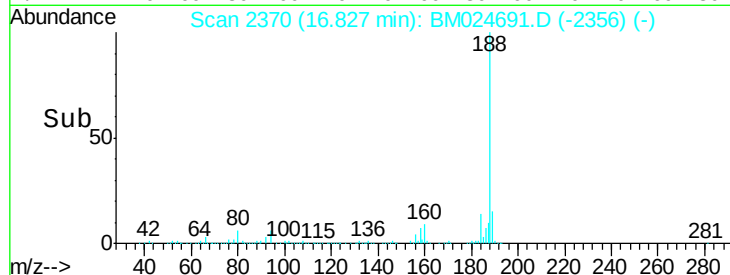
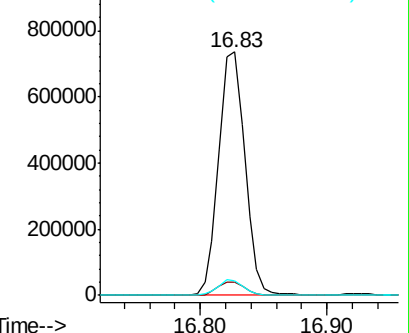
80 6.1 5.8 8.8



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: 21.03 min Scan# 3085

Delta R.T. -0.02 min

Lab File: BM024691.D

Acq: 01 Feb 2020 00:33

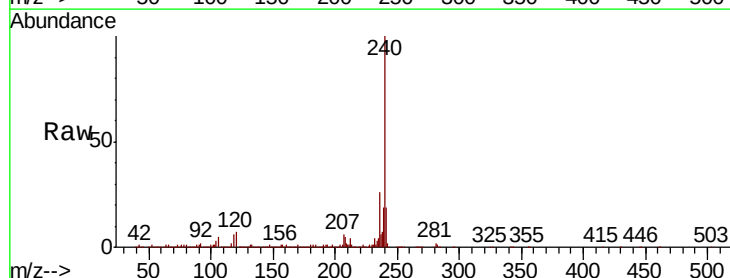
Tgt Ion:240 Resp: 1172826

Ion Ratio Lower Upper

240 100

120 6.8 5.3 7.9

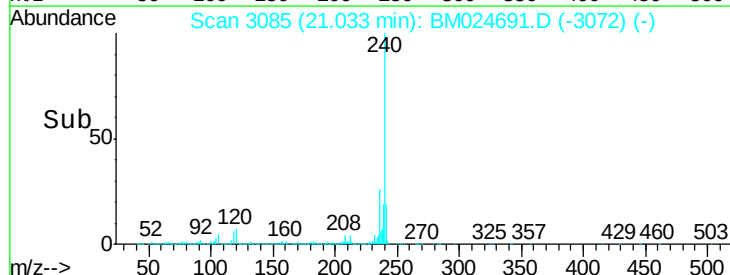
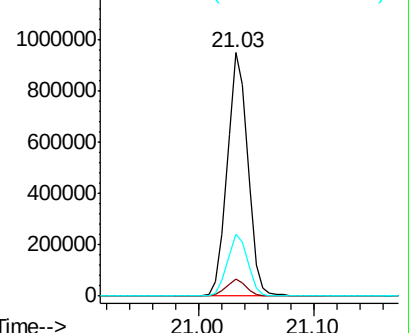
236 25.6 20.6 31.0

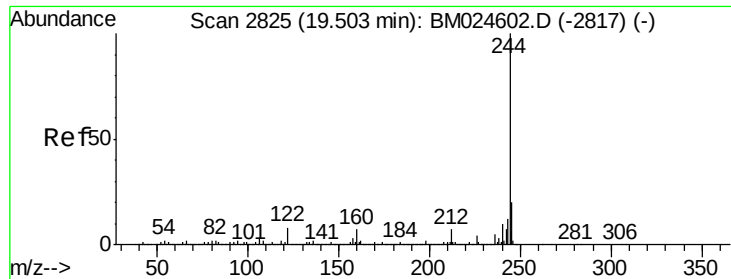


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 99.579 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 :

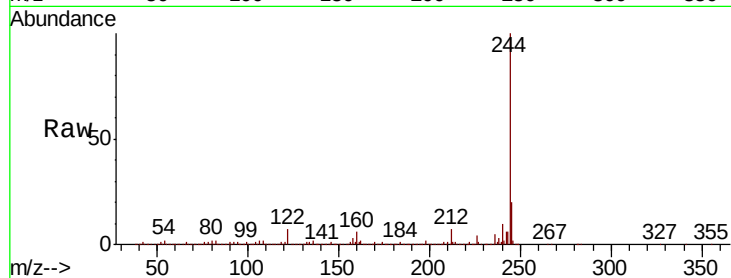
Tot Ion:244 Resp: 6255738

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

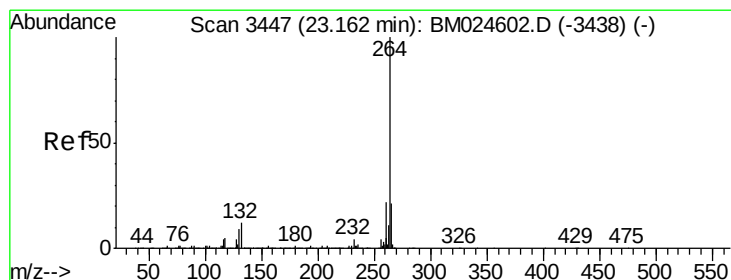
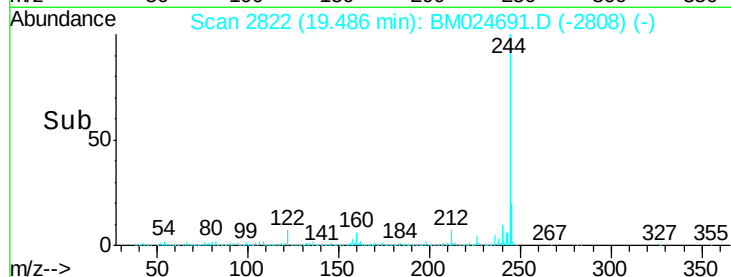
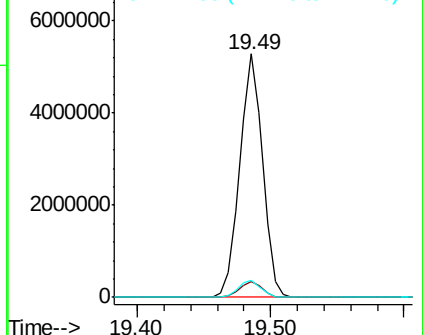
122 7.2 6.2 9.4



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

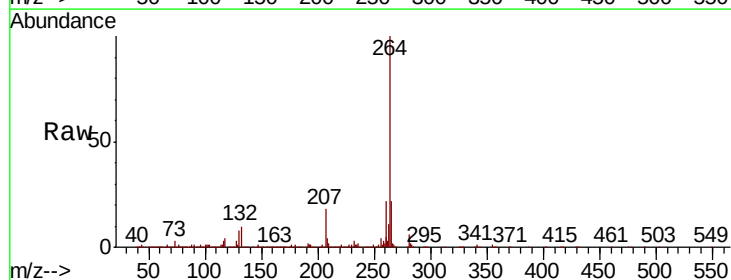
Tgt Ion:264 Resp: 1342487

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

