

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012820\
 Data File : BM024639.D
 Acq On : 28 Jan 2020 13:43
 Operator : CG/JU
 Sample : L1269-14
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 28 15:28:22 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

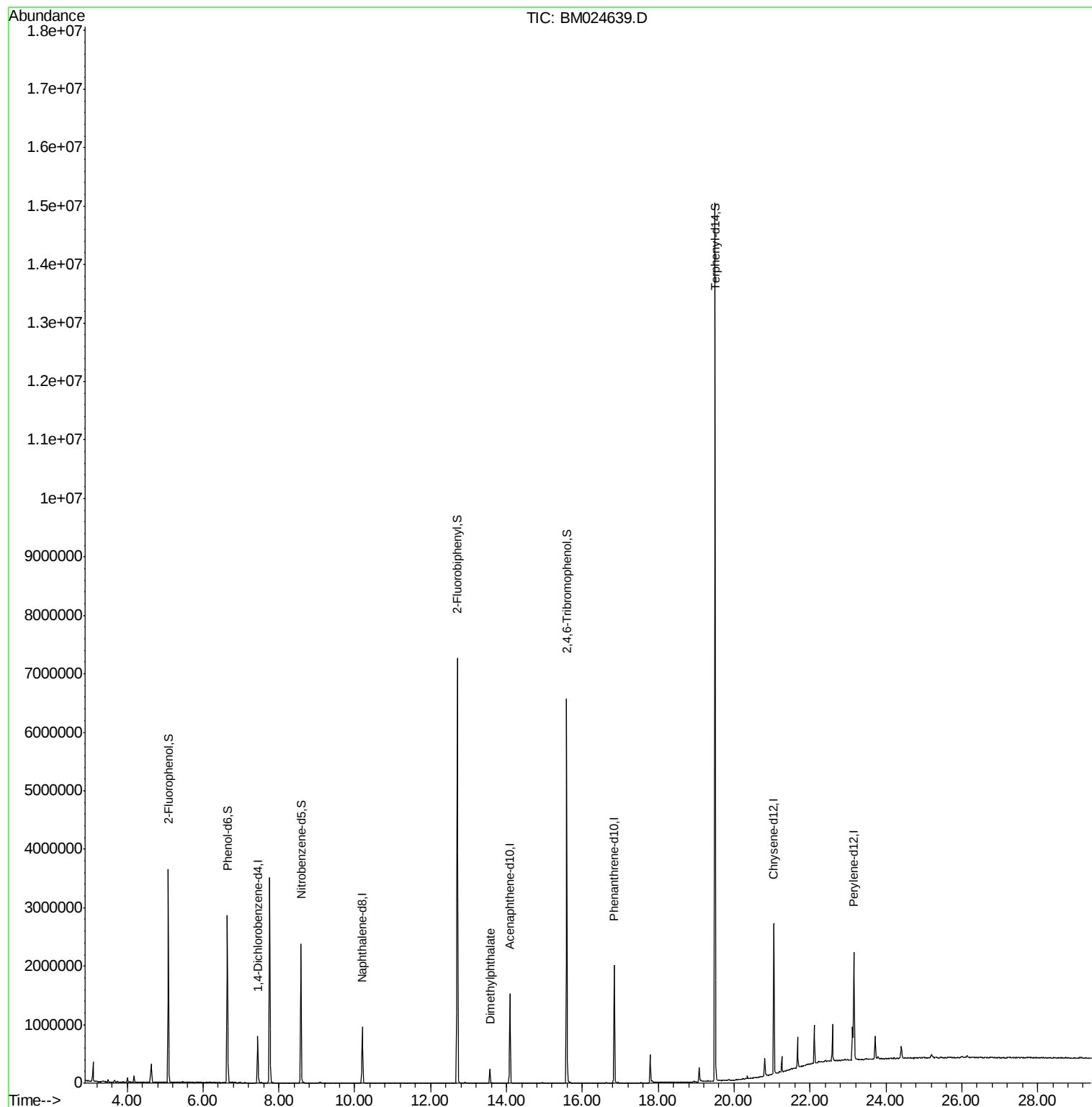
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	222961	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	780959	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	546518	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1263917	20.00	ng	0.00
76) Chrysene-d12	21.04	240	1278630	20.00	ng	-0.01
87) Perylene-d12	23.16	264	1372610	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	1459167	124.46	ng	0.00
7) Phenol-d6	6.65	99	1525082	94.43	ng	0.00
23) Nitrobenzene-d5	8.58	82	1335010	83.83	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1352737	152.17	ng	0.00
45) 2-Fluorobiphenyl	12.70	172	3833305	95.36	ng	0.00
79) Terphenyl-d14	19.50	244	7593513	110.87	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.56	163	168669	3.817	ng	Qvalue 99

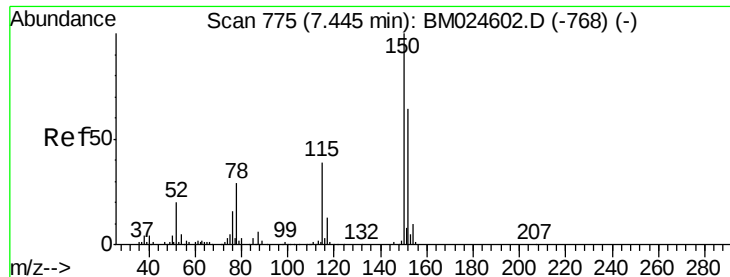
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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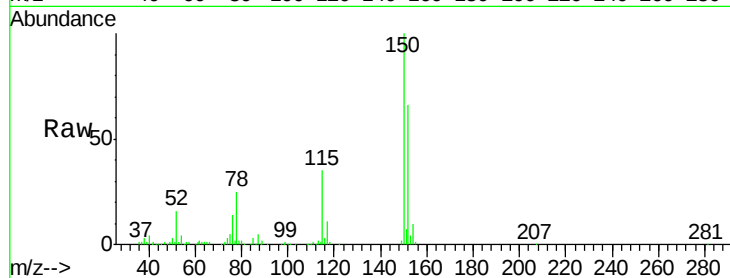


#1

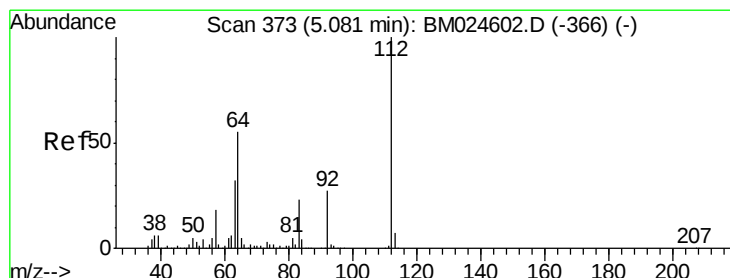
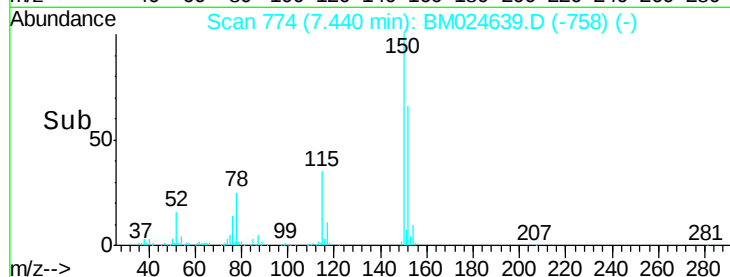
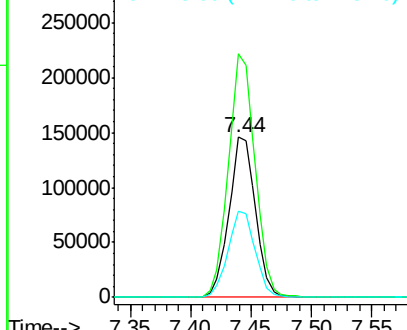
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM024639.D
Acq: 28 Jan 2020 13:43

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 222961
Ion Ratio Lower Upper
152 100
150 151.9 124.2 186.4
115 53.7 48.6 72.8



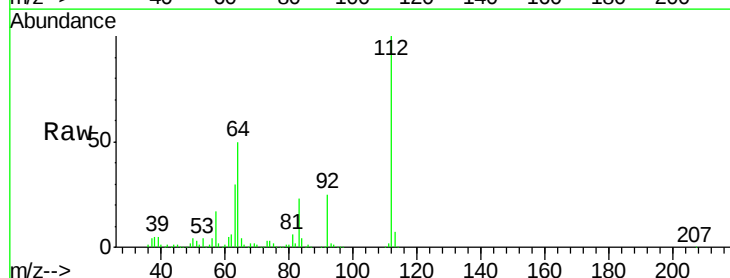
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



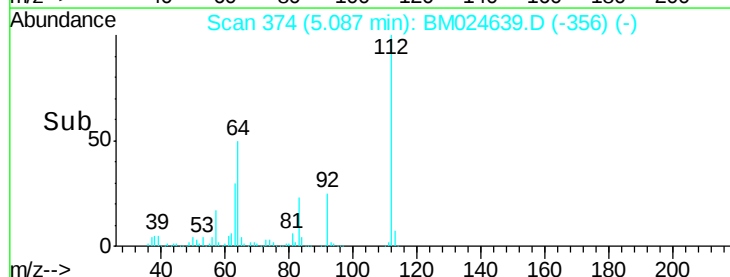
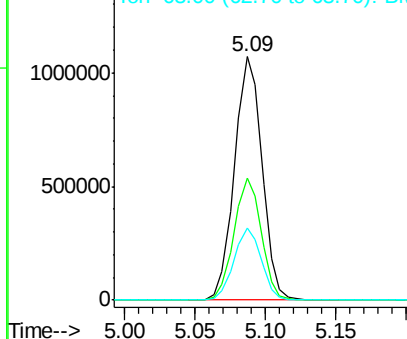
#5

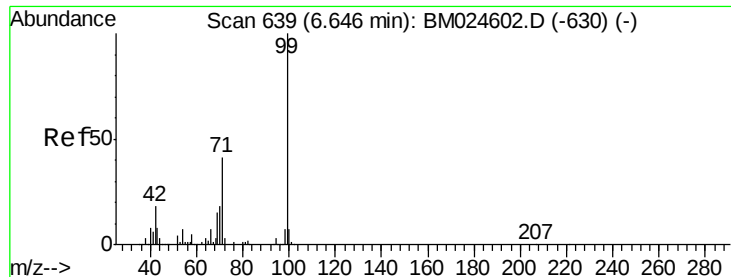
2-Fluorophenol
Concen: 124.461 ng
RT: 5.09 min Scan# 374
Delta R.T. 0.01 min
Lab File: BM024639.D
Acq: 28 Jan 2020 13:43

Tgt Ion:112 Resp: 1459167
Ion Ratio Lower Upper
112 100
64 49.9 44.2 66.4
63 29.9 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: 94.429 ng

RT: 6.65 min Scan# 639

Delta R.T. -0.00 min

Lab File: BM024639.D

Acq: 28 Jan 2020 13:43

Instrument :

BNA_M

ClientSampleId :

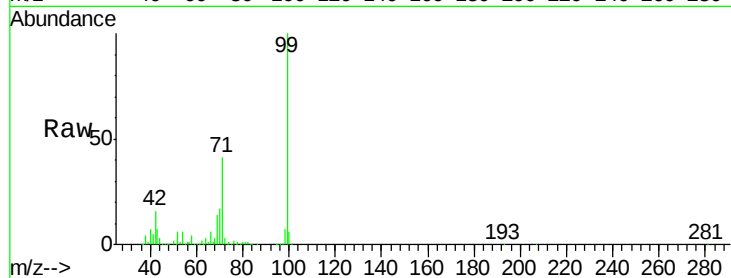
Tot Ion: 99 Resp: 1525082

Ion Ratio Lower Upper

99 100

42 16.1 14.1 21.1

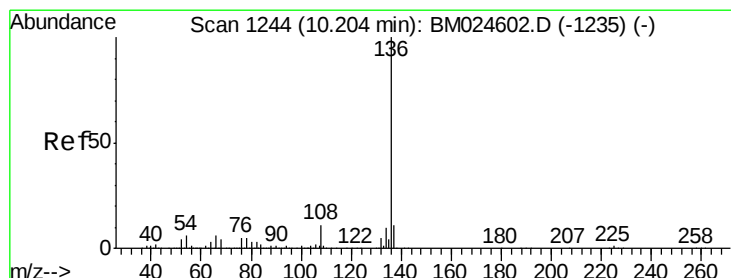
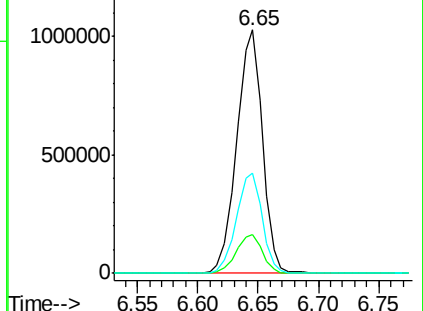
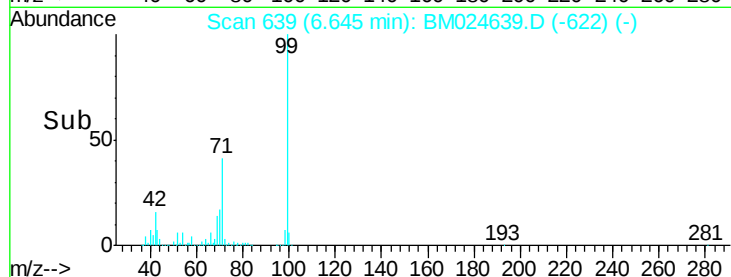
71 40.9 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BM024639.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM024639.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM024639.D (-622) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BM024639.D

Acq: 28 Jan 2020 13:43

Tgt Ion: 136 Resp: 780959

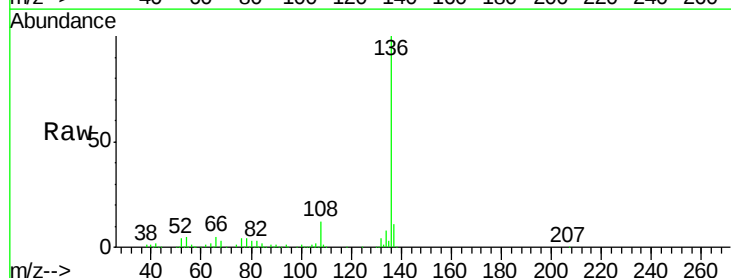
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 4.6 4.5 6.7

68 3.4 3.4 5.0#

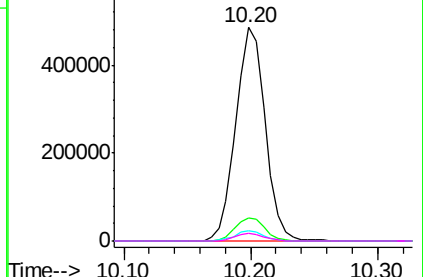
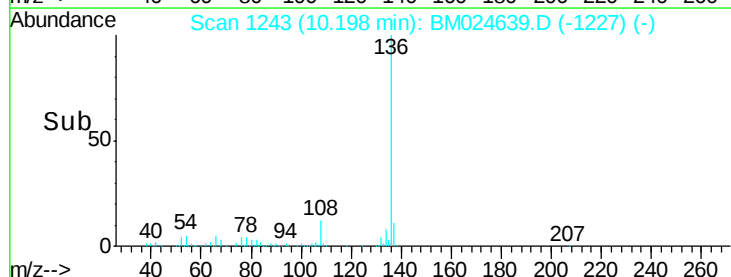


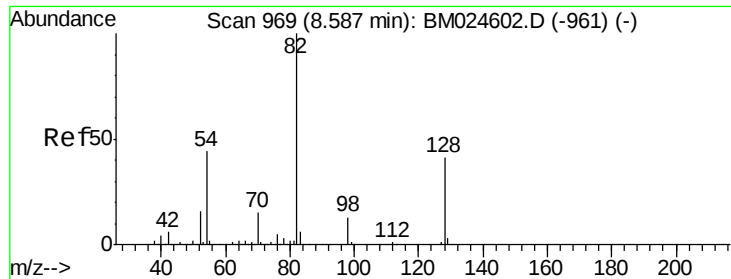
Abundance Ion 136.00 (135.70 to 136.70): BM024639.D (-1227) (-)

Ion 137.00 (136.70 to 137.70): BM024639.D (-1227) (-)

Ion 54.00 (53.70 to 54.70): BM024639.D (-1227) (-)

Ion 68.00 (67.70 to 68.70): BM024639.D (-1227) (-)

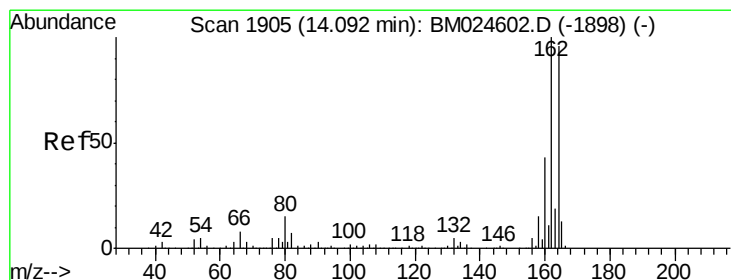
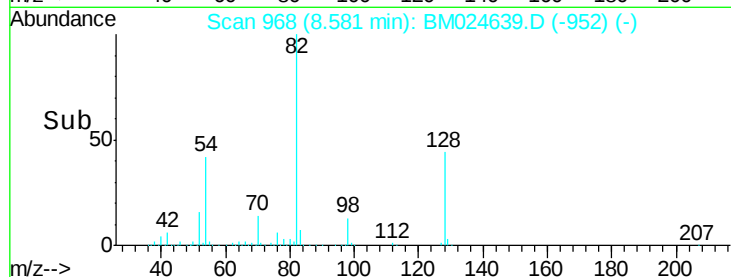
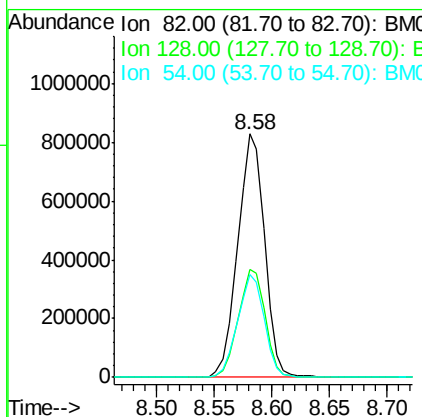
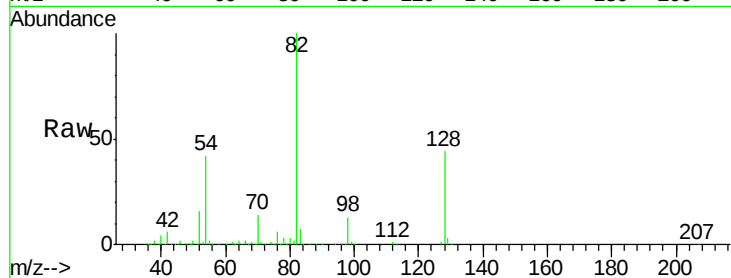




#23
 Nitrobenzene-d5
 Concen: 83.834 ng
 RT: 8.58 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BM024639.D
 Acq: 28 Jan 2020 13:43

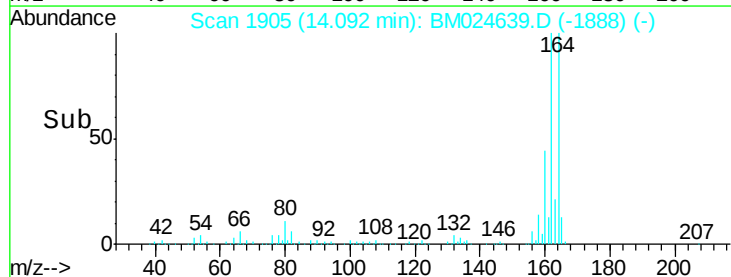
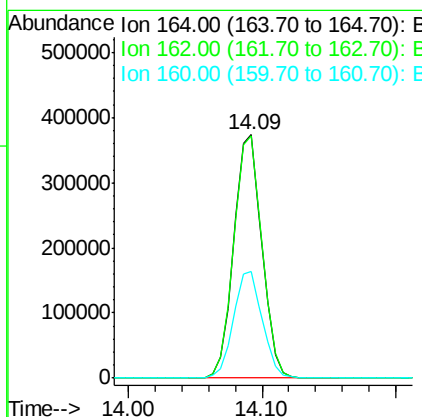
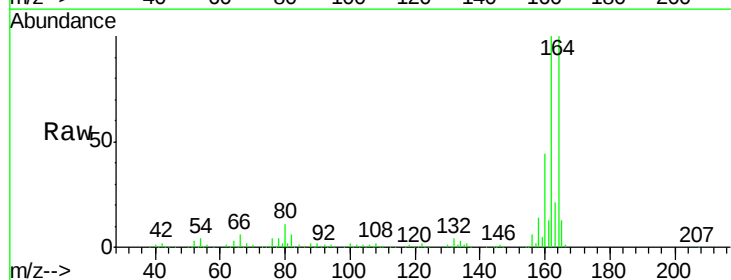
Instrument :
 BNA_M
 ClientSampled :

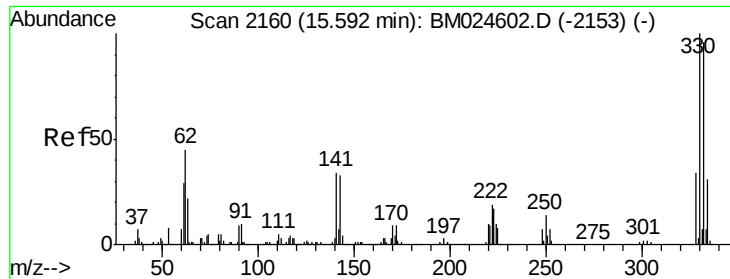
Tot Ion: 82 Resp: 1335010
 Ion Ratio Lower Upper
 82 100
 128 44.5 32.6 48.8
 54 42.0 34.8 52.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.09 min Scan# 1905
 Delta R.T. 0.00 min
 Lab File: BM024639.D
 Acq: 28 Jan 2020 13:43

Tgt Ion:164 Resp: 546518
 Ion Ratio Lower Upper
 164 100
 162 99.5 82.9 124.3
 160 43.9 35.5 53.3

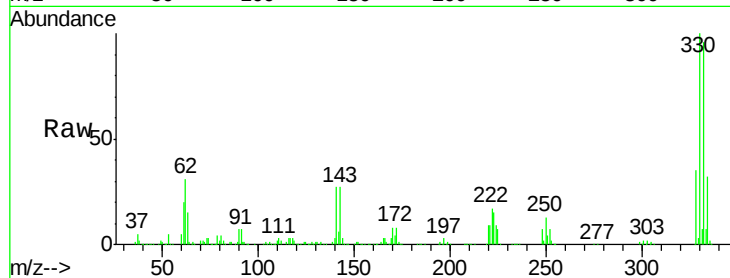




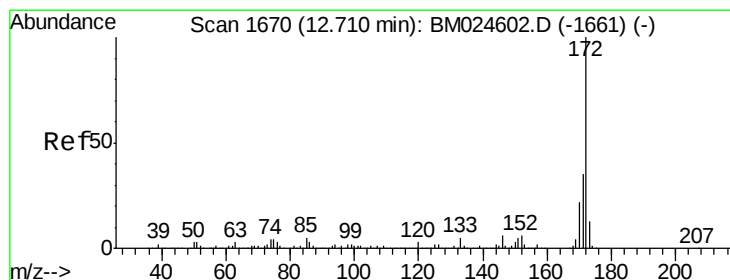
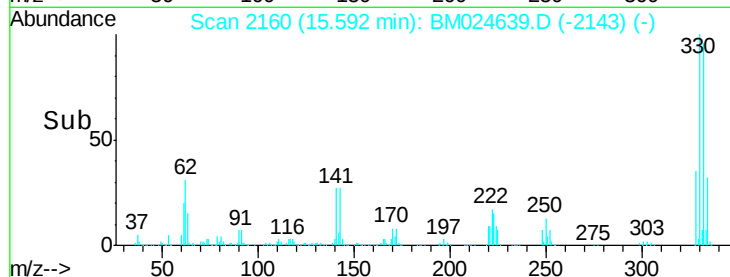
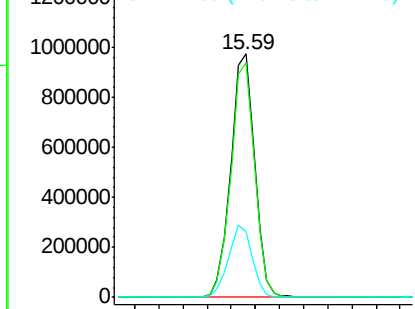
#42
 2,4,6-Tribromophenol
 Concen: 152.165 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BM024639.D
 Acq: 28 Jan 2020 13:43

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 1352737
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.2 115.8
 141 29.5 26.9 40.3

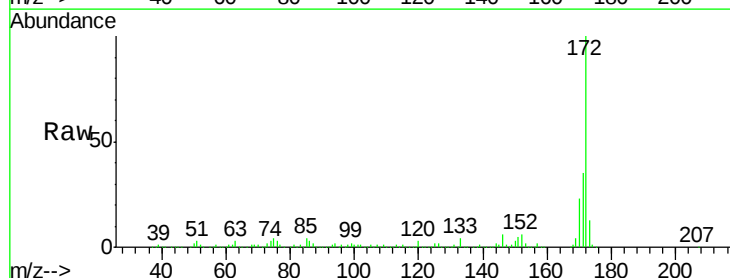


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

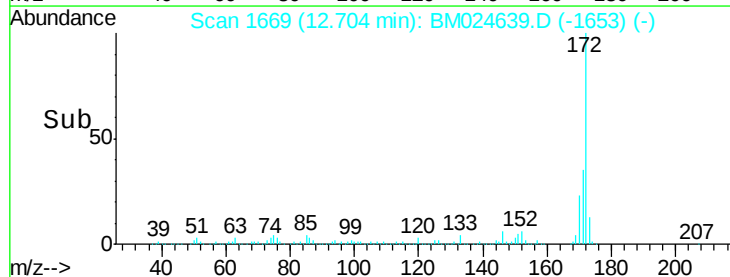
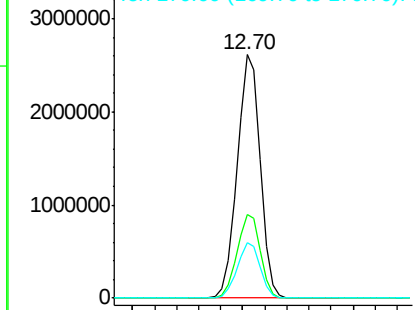


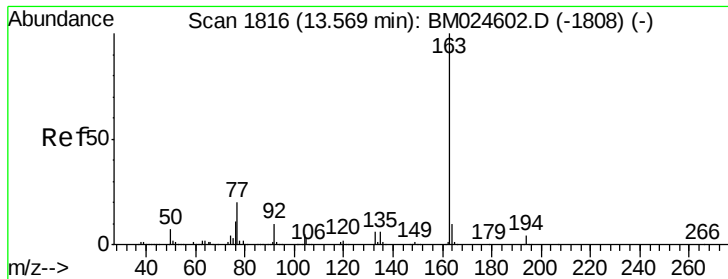
#45
 2-Fluorobiphenyl
 Concen: 95.356 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM024639.D
 Acq: 28 Jan 2020 13:43

Tgt Ion:172 Resp: 3833305
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.3 42.5
 170 23.0 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: 3.817 ng

RT: 13.56 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BM024639.D

Acq: 28 Jan 2020 13:43

Instrument :

BNA_M

ClientSampleId :

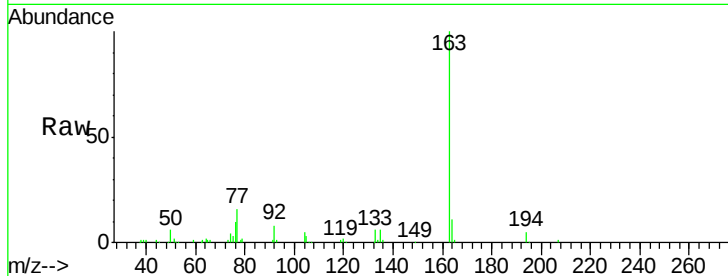
Tot Ion:163 Resp: 168669

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.0

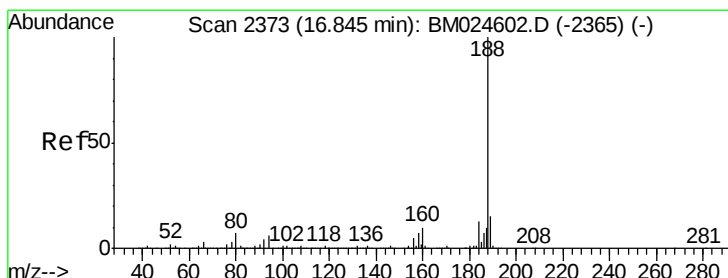
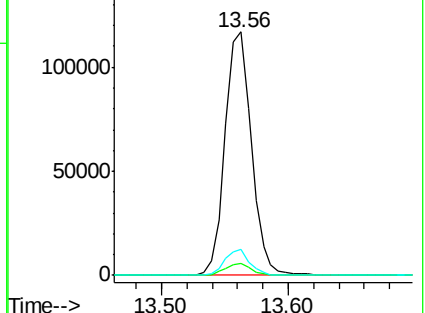
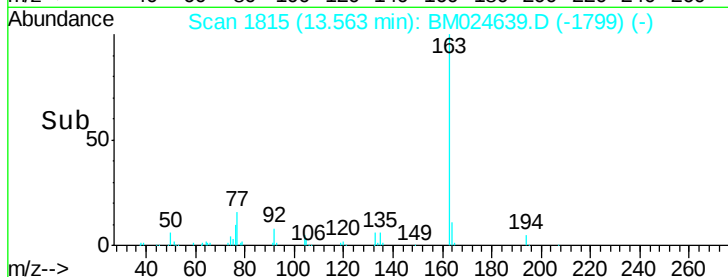
164 10.5 8.0 12.0



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: 16.84 min Scan# 2372

Delta R.T. -0.01 min

Lab File: BM024639.D

Acq: 28 Jan 2020 13:43

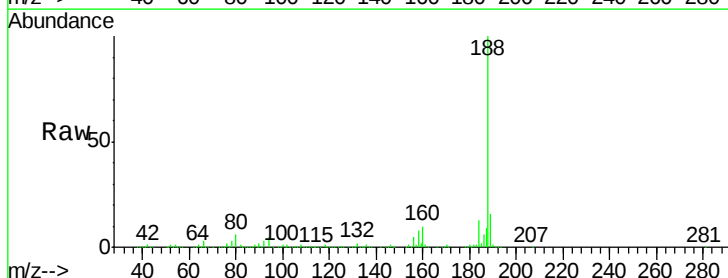
Tgt Ion:188 Resp: 1263917

Ion Ratio Lower Upper

188 100

94 5.2 5.0 7.6

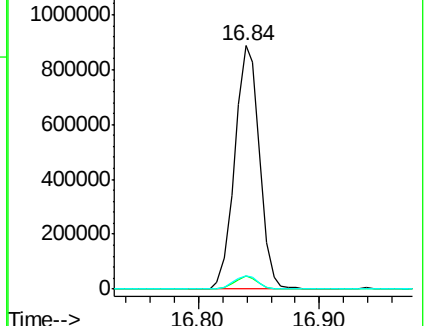
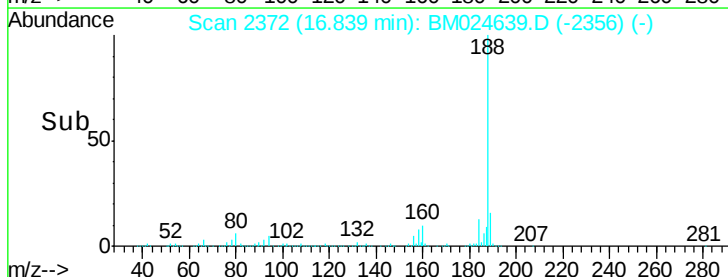
80 5.7 5.8 8.8#

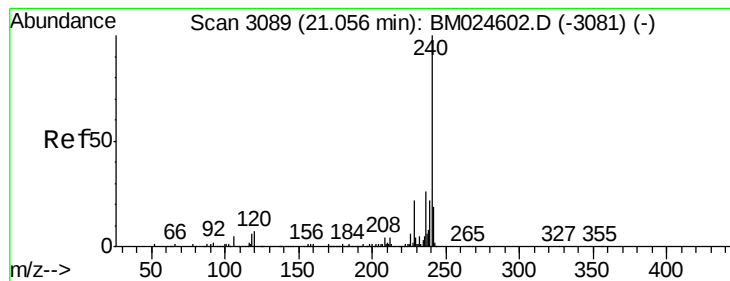


Abundance Ion 188.00 (187.70 to 188.70): E

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# 3087

Delta R.T. -0.01 min

Lab File: BM024639.D

Acq: 28 Jan 2020 13:43

Instrument :

BNA_M

ClientSampleId :

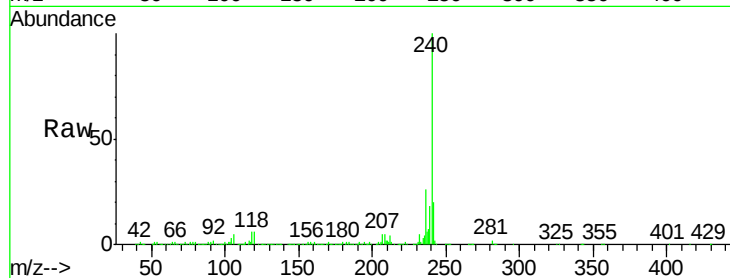
Tot Ion:240 Resp: 1278630

Ion Ratio Lower Upper

240 100

120 6.2 5.3 7.9

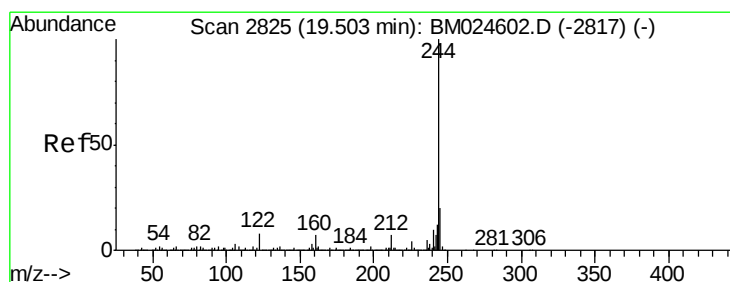
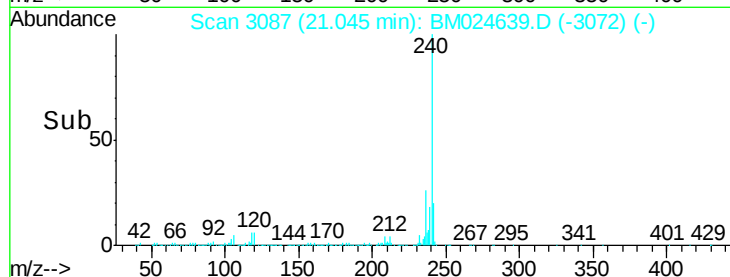
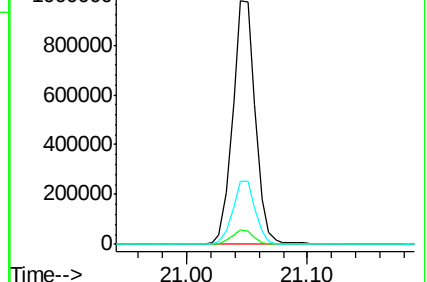
236 25.9 20.6 31.0



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: 110.871 ng

RT: 19.50 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM024639.D

Acq: 28 Jan 2020 13:43

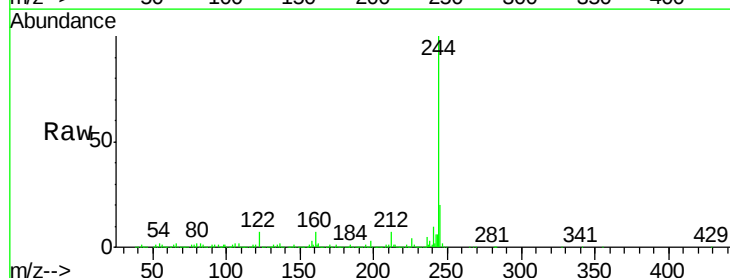
Tgt Ion:244 Resp: 7593513

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

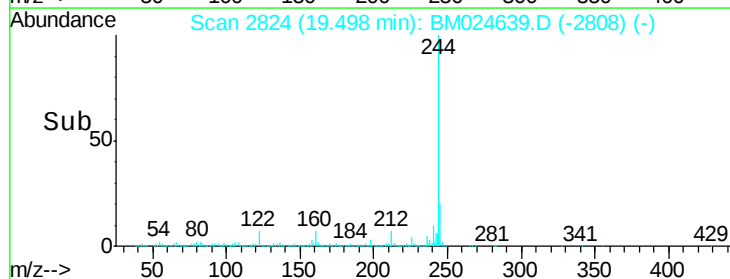
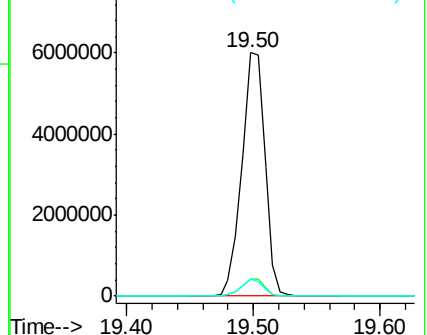
122 7.1 6.2 9.4

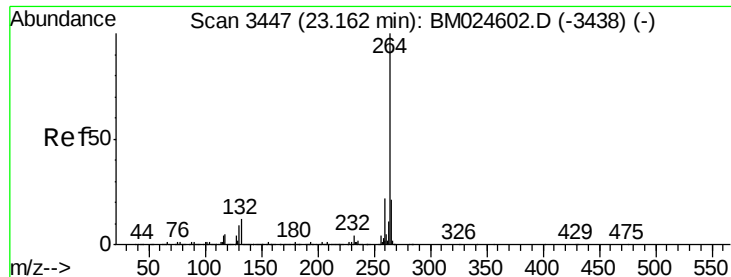


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.16 min Scan# 3447
Delta R.T. 0.00 min
Lab File: BM024639.D
Acq: 28 Jan 2020 13:43

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1372610

Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.9	26.9
265	21.6	17.3	25.9

