

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020320\
 Data File : BM024707.D
 Acq On : 03 Feb 2020 20:00
 Operator : CG/JU
 Sample : L1016-15 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 04 03:01:03 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

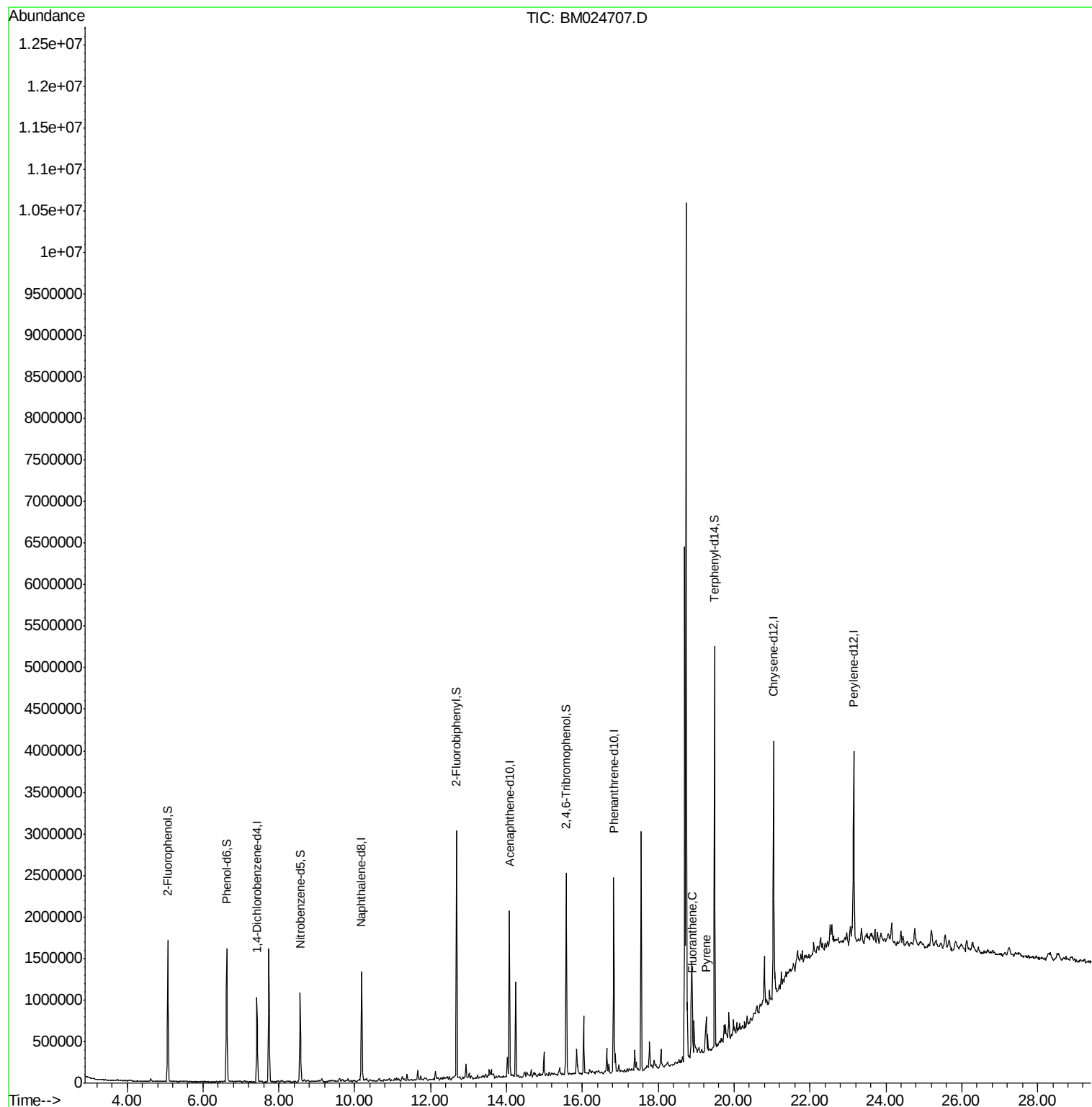
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	295381	20.00	ng	-0.02
21) Naphthalene-d8	10.18	136	1087773	20.00	ng	-0.02
39) Acenaphthene-d10	14.07	164	690761	20.00	ng	-0.02
64) Phenanthrene-d10	16.83	188	1432704	20.00	ng	-0.02
76) Chrysene-d12	21.04	240	1373401	20.00	ng	-0.02
87) Perylene-d12	23.15	264	1631966	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	751777	48.40	ng	-0.01
7) Phenol-d6	6.63	99	937723	43.83	ng	-0.02
23) Nitrobenzene-d5	8.56	82	606764	27.36	ng	-0.02
42) 2,4,6-Tribromophenol	15.57	330	511231	45.50	ng	-0.02
45) 2-Fluorobiphenyl	12.69	172	1595025	31.39	ng	-0.02
79) Terphenyl-d14	19.49	244	2440745	33.18	ng	-0.02
Target Compounds						
75) Fluoranthene	18.90	202	280159	2.893	ng	98
78) Pyrene	19.26	202	262870	2.903	ng	99

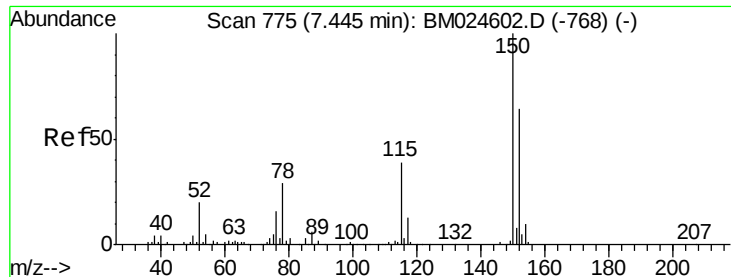
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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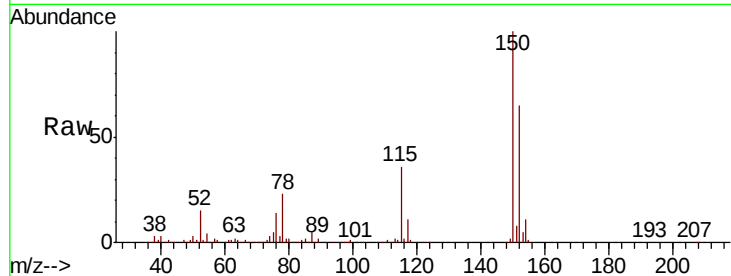


#1

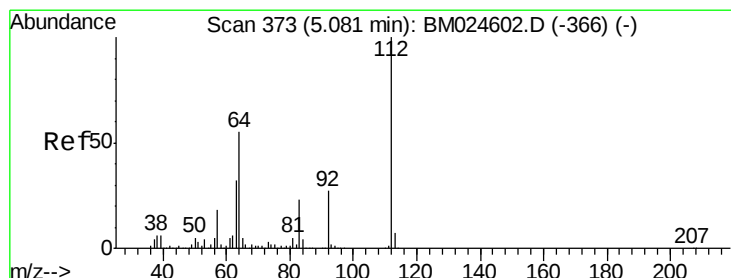
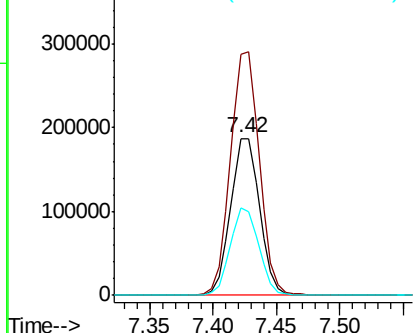
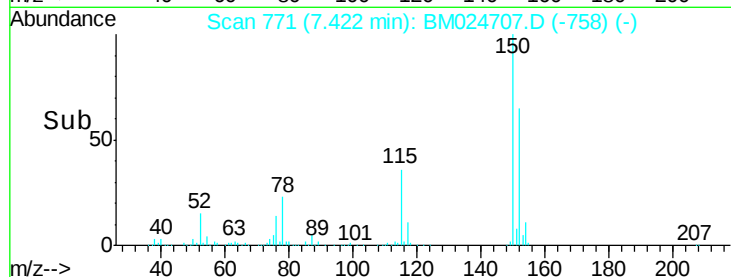
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.02 min
Lab File: BM024707.D
Acq: 03 Feb 2020 20:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.2	186.4
115	55.7	48.6	72.8



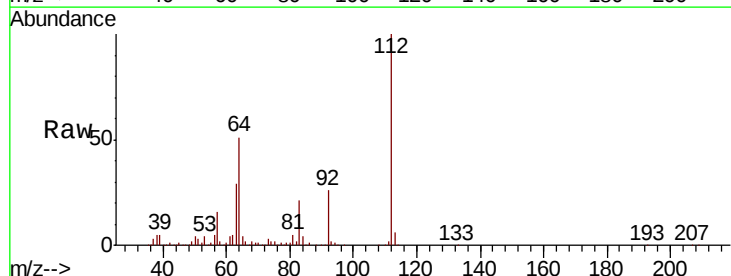
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



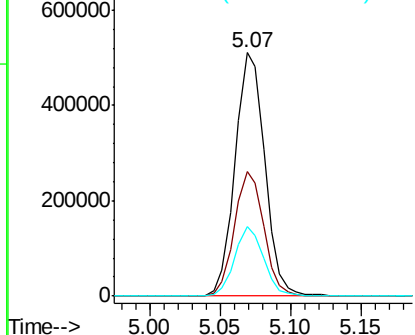
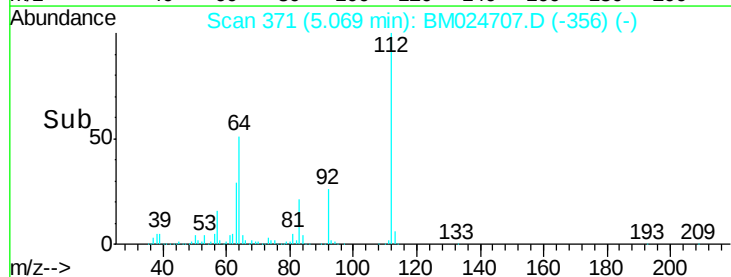
#5

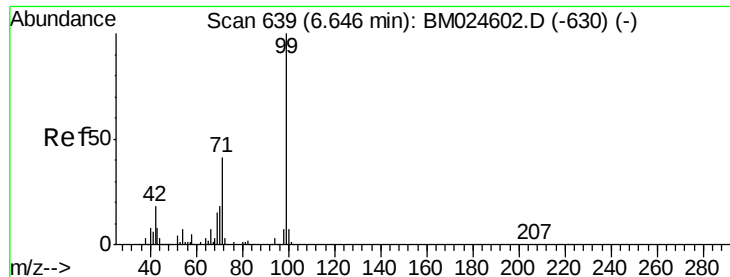
2-Fluorophenol
Concen: 48.402 ng
RT: 5.07 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM024707.D
Acq: 03 Feb 2020 20:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.1	44.2	66.4
63	28.7	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: 43.826 ng

RT: 6.63 min Scan# 636

Delta R.T. -0.02 min

Lab File: BM024707.D

Acq: 03 Feb 2020 20:00

Instrument :

BNA_M

ClientSampleId :

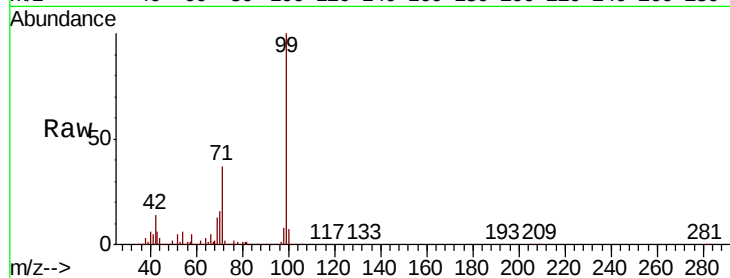
Tot Ion: 99 Resp: 937723

Ion Ratio Lower Upper

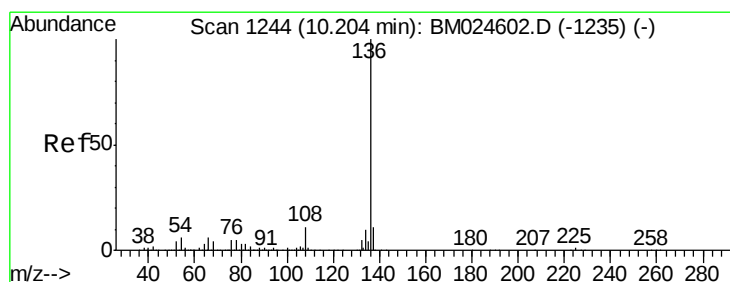
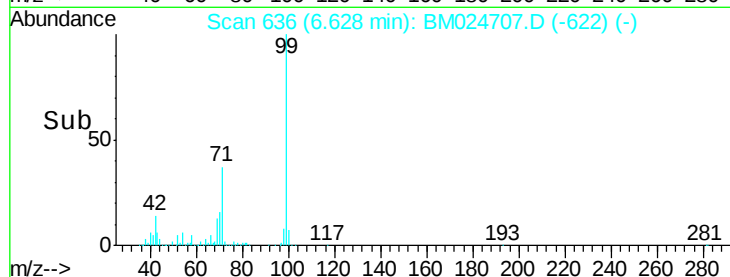
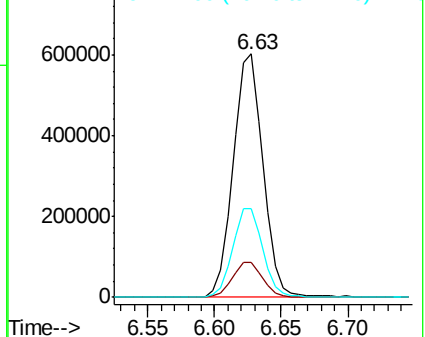
99 100

42 14.1 14.1 21.1

71 36.7 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: BM024707.D

Acq: 03 Feb 2020 20:00

Tgt Ion: 136 Resp: 1087773

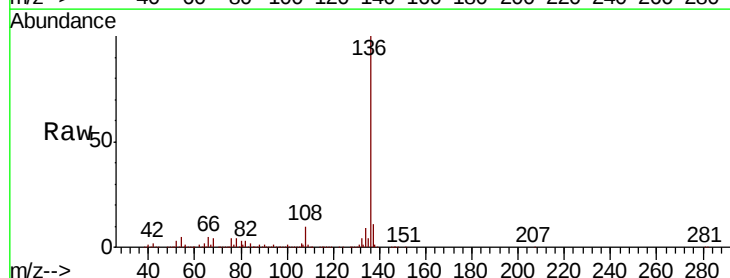
Ion Ratio Lower Upper

136 100

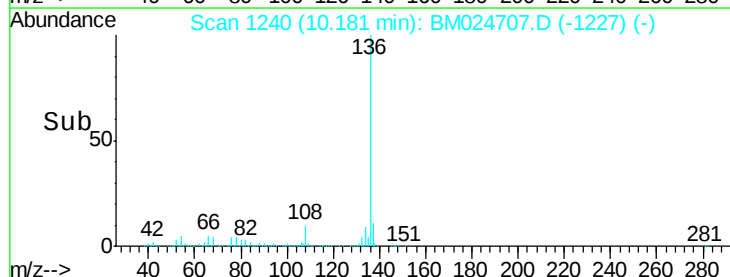
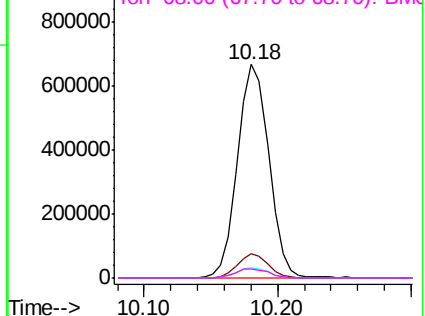
137 11.3 8.6 13.0

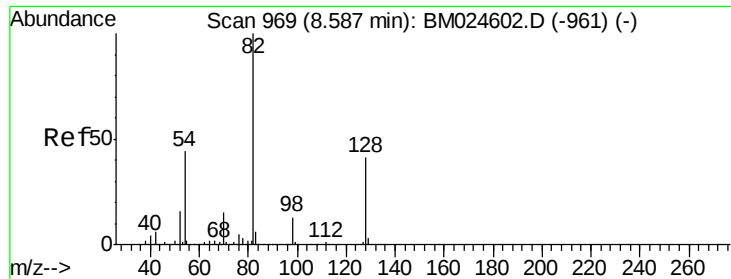
54 4.8 4.5 6.7

68 4.4 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

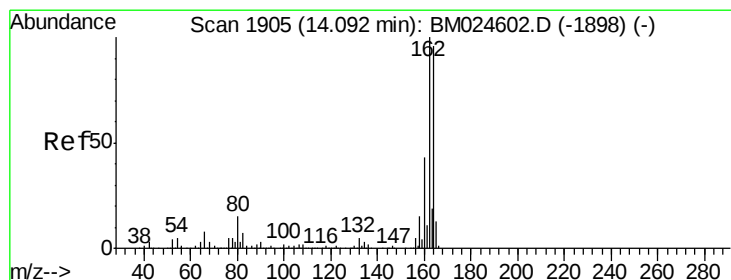
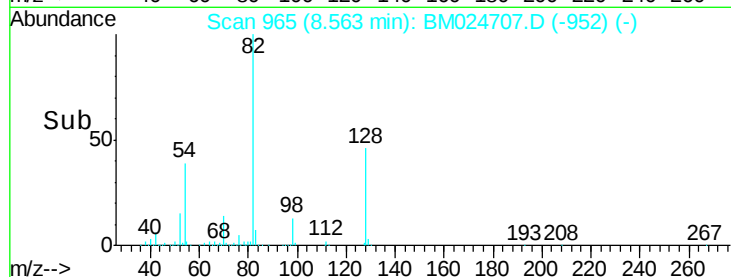
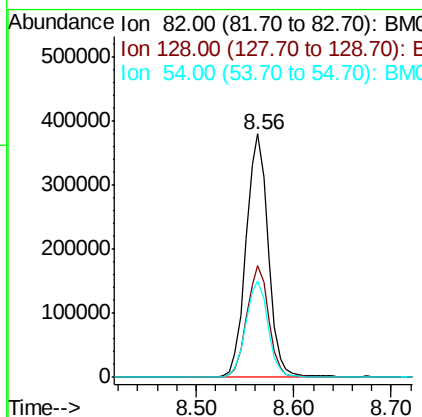
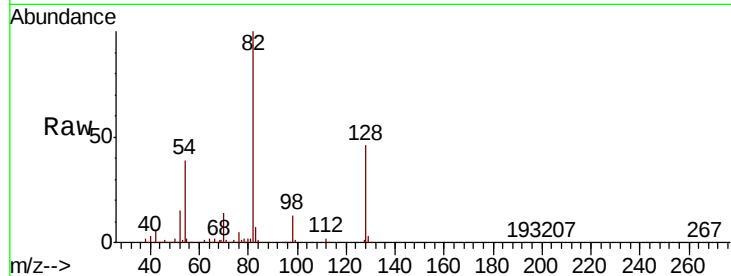




#23
 Nitrobenzene-d5
 Concen: 27.356 ng
 RT: 8.56 min Scan# 965
 Delta R.T. -0.02 min
 Lab File: BM024707.D
 Acq: 03 Feb 2020 20:00

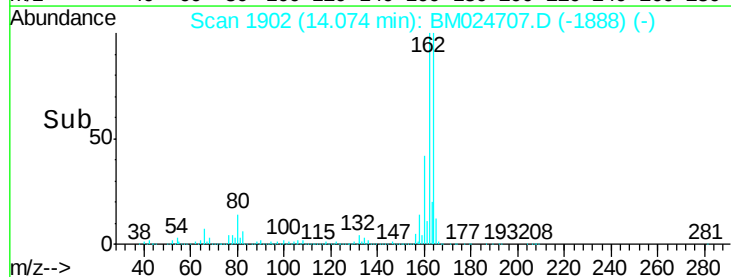
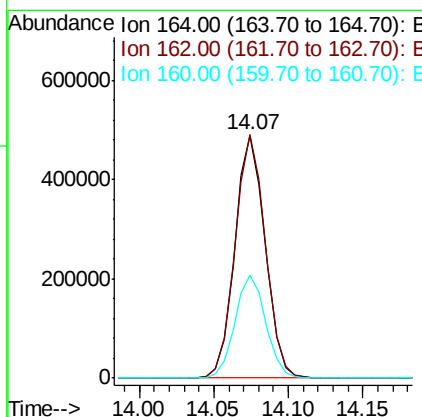
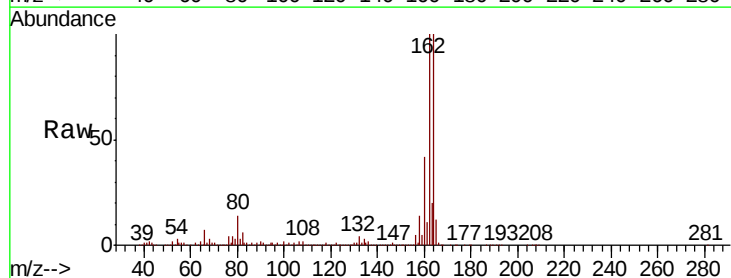
Instrument :
 BNA_M
 ClientSampleId :

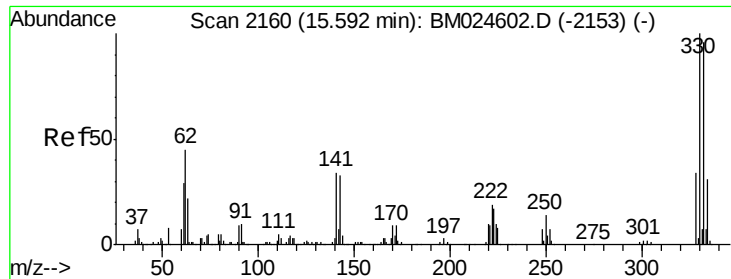
Tot Ion	82	Resp	606764
Ion Ratio	100	Lower	Upper
128	46.0	32.6	48.8
54	39.5	34.8	52.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.07 min Scan# 1902
 Delta R.T. -0.02 min
 Lab File: BM024707.D
 Acq: 03 Feb 2020 20:00

Tgt Ion	164	Resp	690761
Ion Ratio	100	Lower	Upper
162	100.5	82.9	124.3
160	42.5	35.5	53.3





#42

2,4,6-Tribromophenol

Concen: 45.498 ng

RT: 15.57 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BM024707.D

Acq: 03 Feb 2020 20:00

Instrument :

BNA_M

ClientSampled :

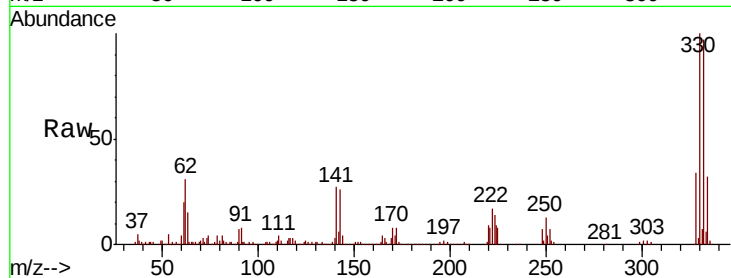
Tot Ion:330 Resp: 511231

Ion Ratio Lower Upper

330 100

332 97.1 77.2 115.8

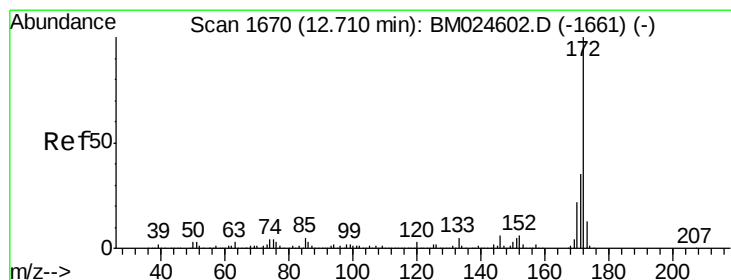
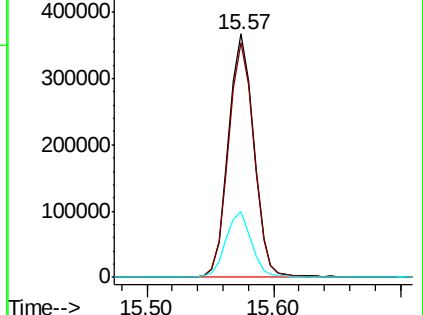
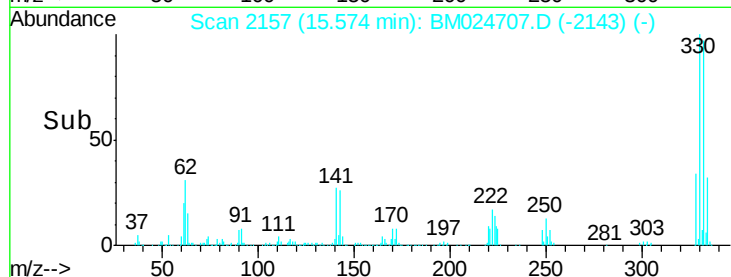
141 27.0 26.9 40.3



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: 31.392 ng

RT: 12.69 min Scan# 1666

Delta R.T. -0.02 min

Lab File: BM024707.D

Acq: 03 Feb 2020 20:00

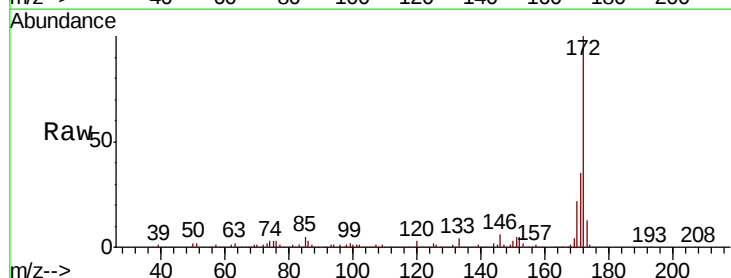
Tgt Ion:172 Resp: 1595025

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

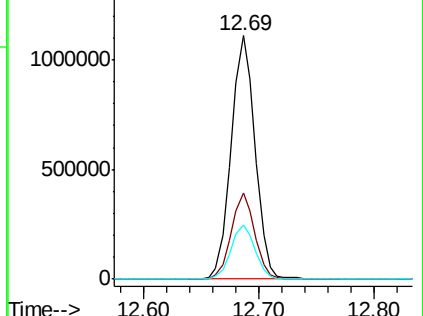
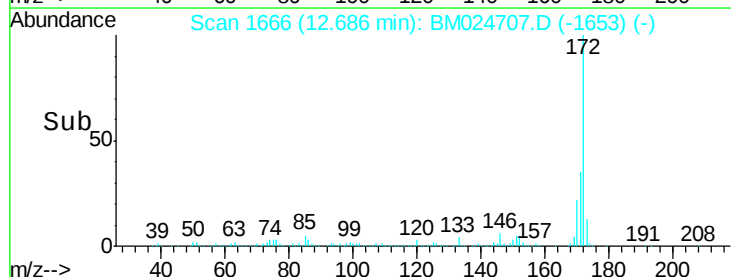
170 22.3 17.9 26.9

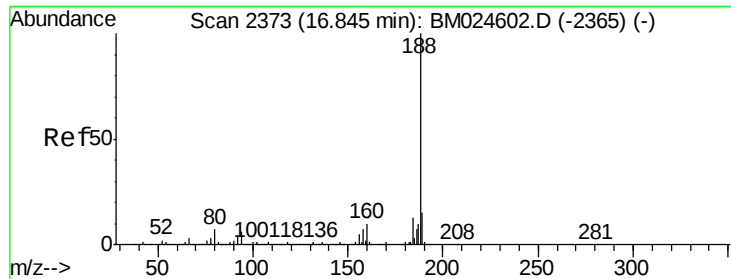


Abundance Ion 172.00 (171.70 to 172.70): E

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: BM024707.D

Acq: 03 Feb 2020 20:00

Instrument :

BNA_M

ClientSampled :

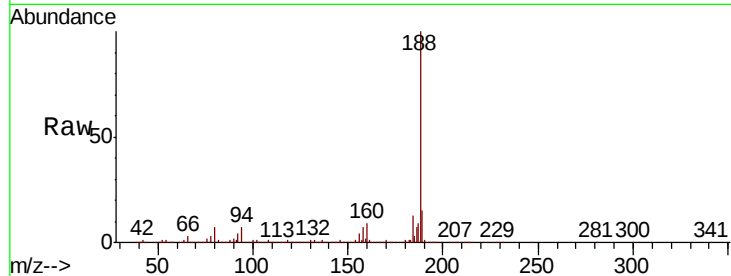
Tot Ion:188 Resp: 1432704

Ion Ratio Lower Upper

188 100

94 6.5 5.0 7.6

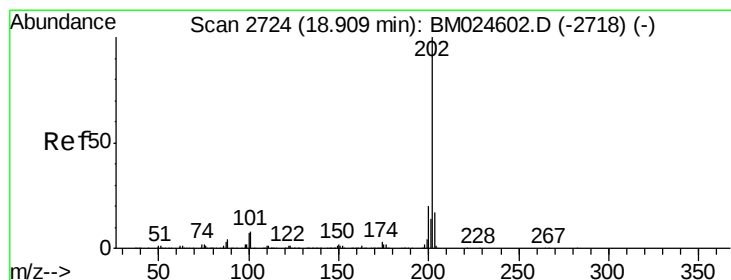
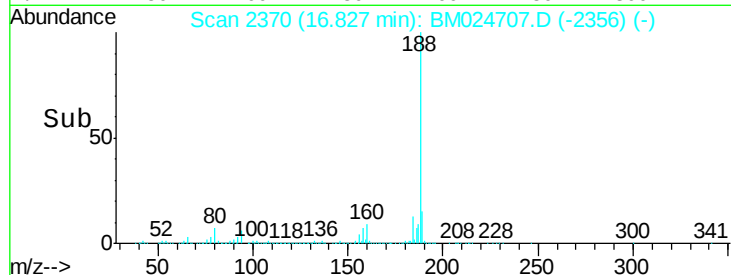
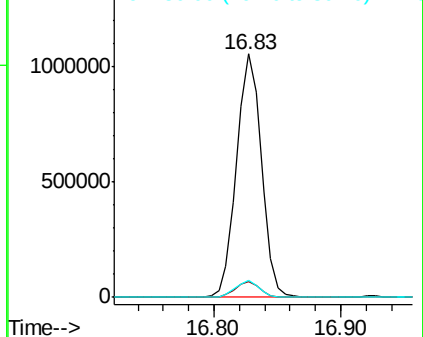
80 6.9 5.8 8.8



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



#75

Fluoranthene

Concen: 2.893 ng

RT: 18.90 min Scan# 2722

Delta R.T. -0.01 min

Lab File: BM024707.D

Acq: 03 Feb 2020 20:00

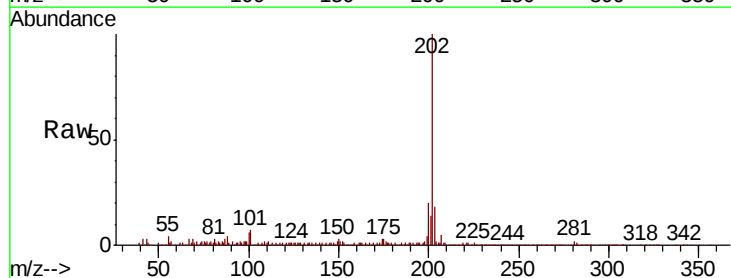
Tgt Ion:202 Resp: 280159

Ion Ratio Lower Upper

202 100

101 7.1 0.0 28.4

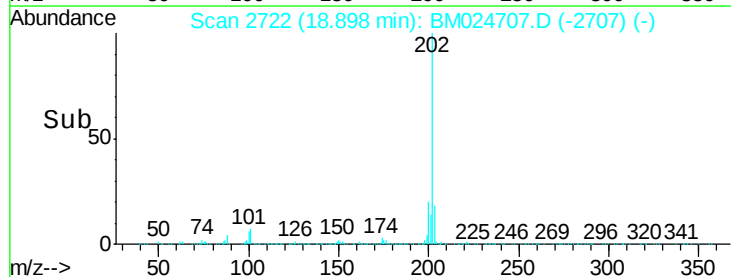
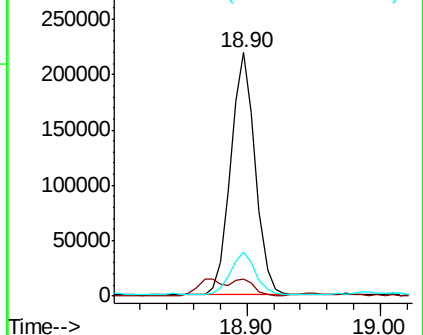
203 18.2 0.0 37.5

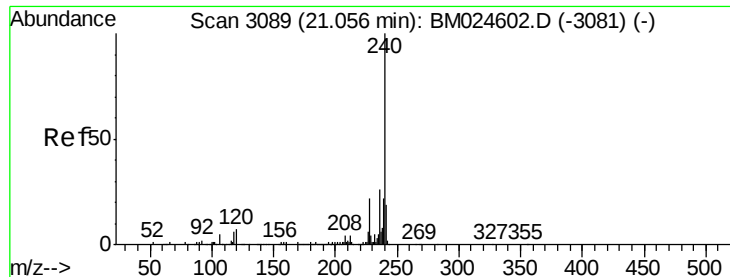


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

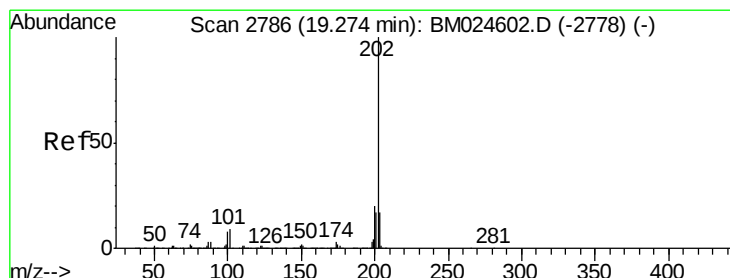
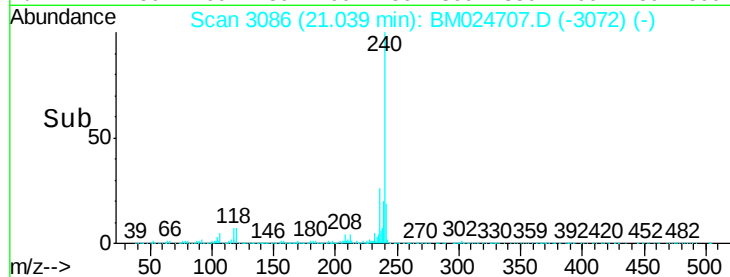
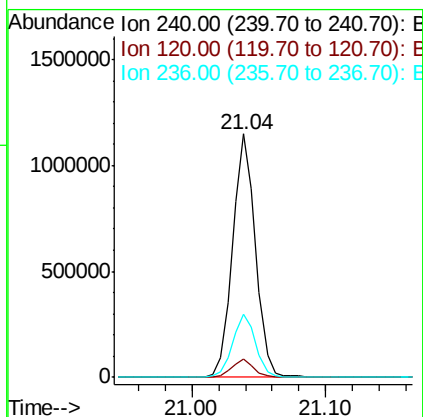
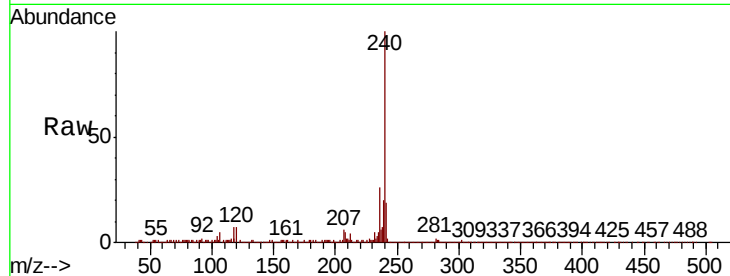




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.04 min Scan# 3086
Delta R.T. -0.02 min
Lab File: BM024707.D
Acq: 03 Feb 2020 20:00

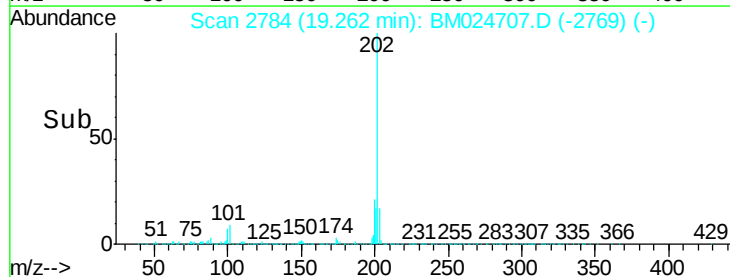
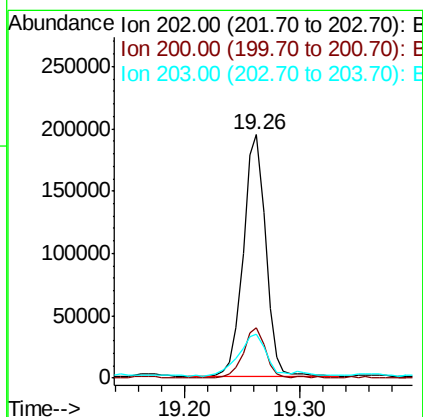
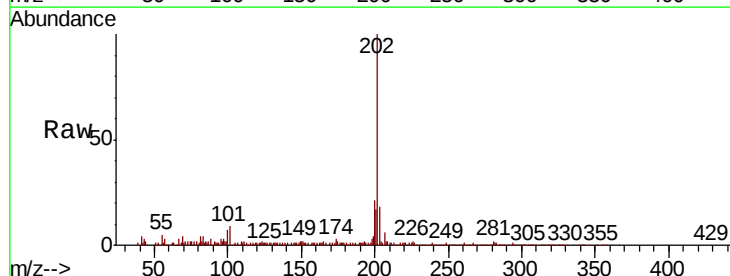
Instrument :
BNA_M
ClientSampleId :

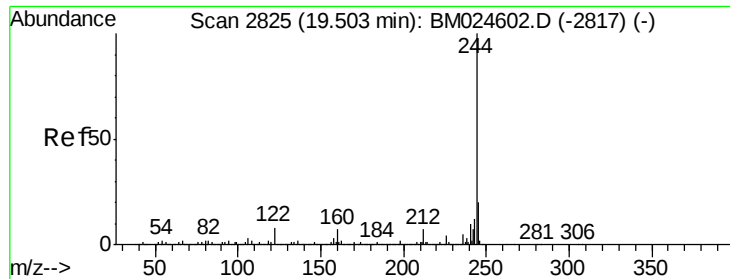
Tot Ion:240 Resp: 1373401
Ion Ratio Lower Upper
240 100
120 7.3 5.3 7.9
236 25.7 20.6 31.0



#78
Pyrene
Concen: 2.903 ng
RT: 19.26 min Scan# 2784
Delta R.T. -0.01 min
Lab File: BM024707.D
Acq: 03 Feb 2020 20:00

Tgt Ion:202 Resp: 262870
Ion Ratio Lower Upper
202 100
200 20.8 16.2 24.2
203 18.2 14.0 21.0





#79

Terphenyl-d14

Concen: 33.178 ng

RT: 19.49 min Scan# 2822

Delta R.T. -0.02 min

Lab File: BM024707.D

Acq: 03 Feb 2020 20:00

Instrument :

BNA_M

ClientSampled :

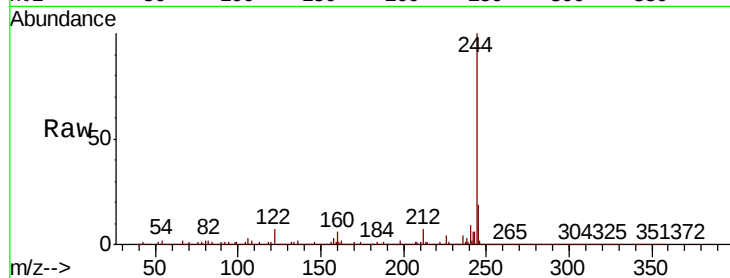
Tot Ion:244 Resp: 2440745

Ion Ratio Lower Upper

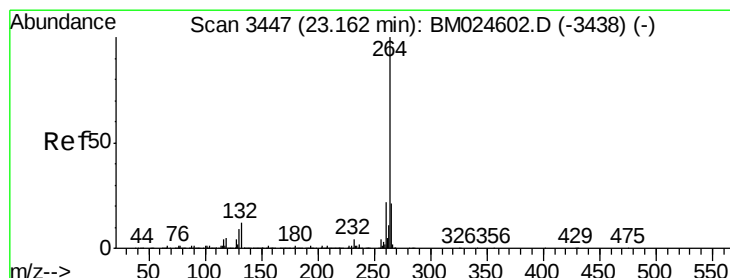
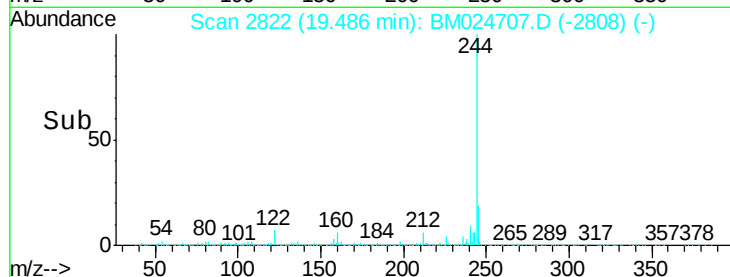
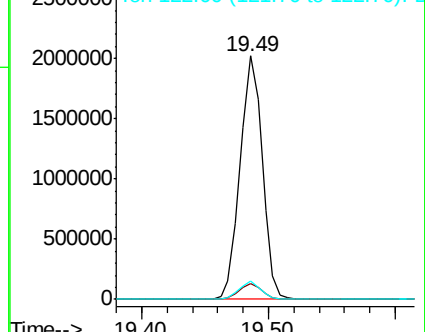
244 100

212 6.5 5.4 8.2

122 7.3 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: 23.15 min Scan# 3445

Delta R.T. -0.01 min

Lab File: BM024707.D

Acq: 03 Feb 2020 20:00

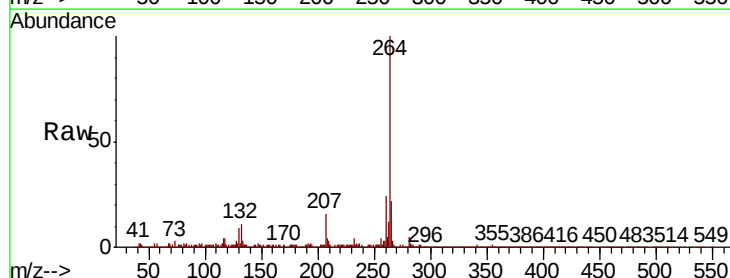
Tgt Ion:264 Resp: 1631966

Ion Ratio Lower Upper

264 100

260 23.5 17.9 26.9

265 22.1 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

