

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
 Data File : BM024666.D
 Acq On : 30 Jan 2020 19:44
 Operator : CG/JU
 Sample : L1318-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RAINEY-PARK-BH-03-B

Quant Time: Jan 30 23:24:14 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

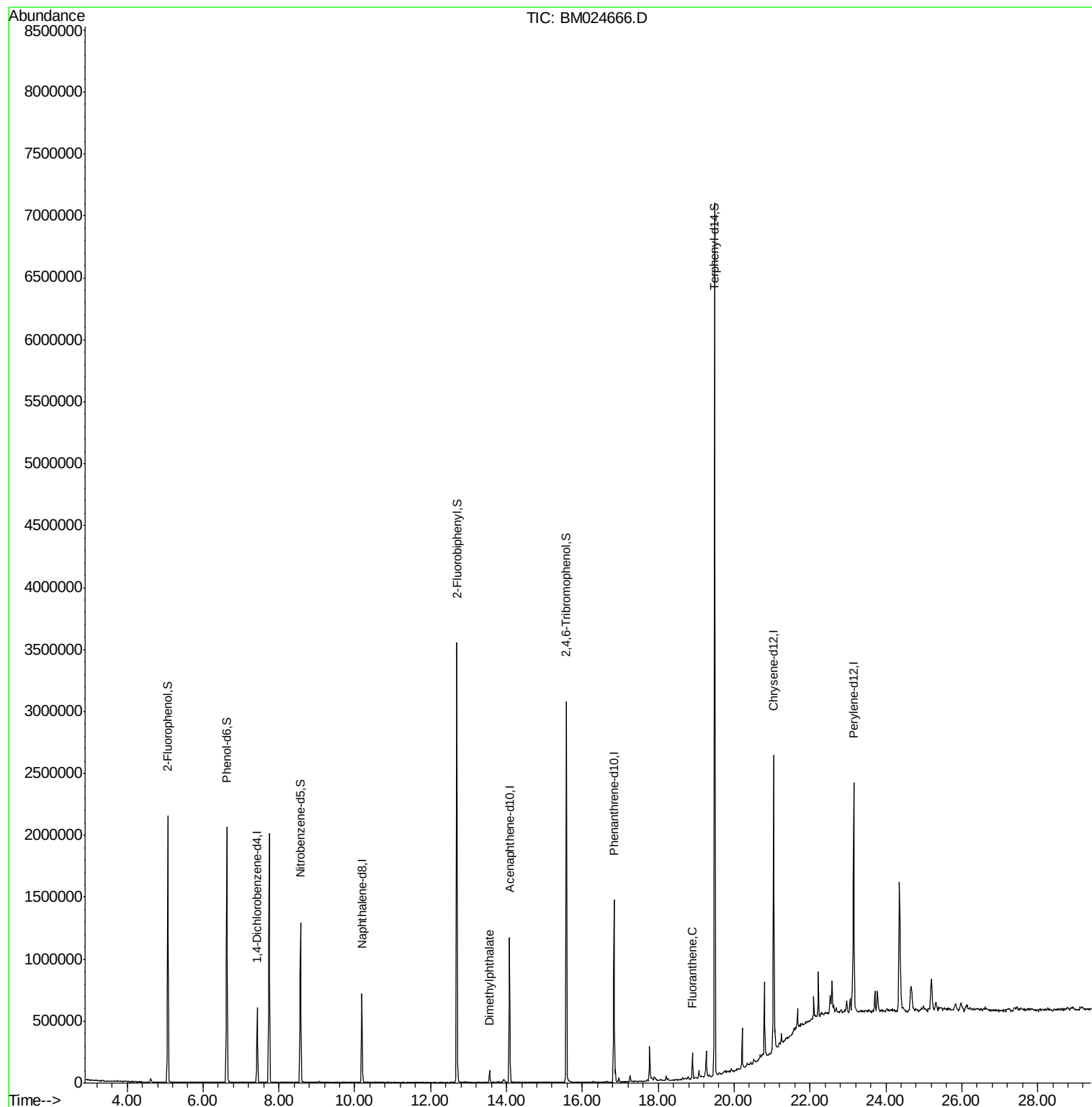
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	167408	20.00	ng	-0.02
21) Naphthalene-d8	10.19	136	597284	20.00	ng	-0.02
39) Acenaphthene-d10	14.08	164	399289	20.00	ng	-0.01
64) Phenanthrene-d10	16.83	188	917073	20.00	ng	-0.01
76) Chrysene-d12	21.04	240	1120708	20.00	ng	-0.02
87) Perylene-d12	23.15	264	1334104	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	902727	102.55	ng	-0.01
7) Phenol-d6	6.63	99	1132594	93.40	ng	-0.02
23) Nitrobenzene-d5	8.57	82	747203	61.35	ng	-0.02
42) 2,4,6-Tribromophenol	15.58	330	677042	104.24	ng	-0.01
45) 2-Fluorobiphenyl	12.69	172	1904167	64.83	ng	-0.02
79) Terphenyl-d14	19.49	244	3625789	60.40	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.55	163	66931	2.073	ng	98
75) Fluoranthene	18.90	202	135639	2.188	ng	97

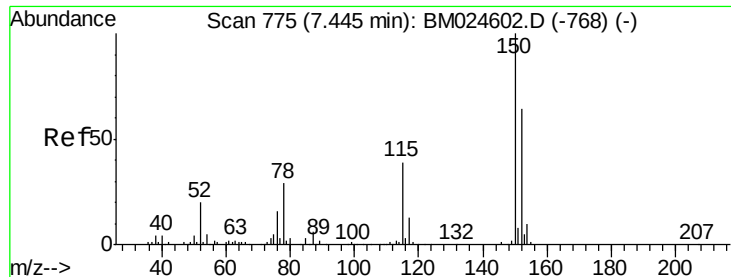
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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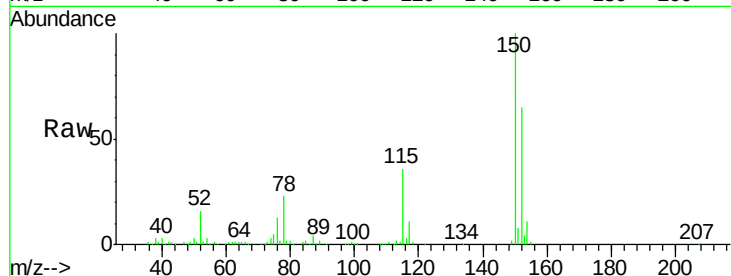


#1

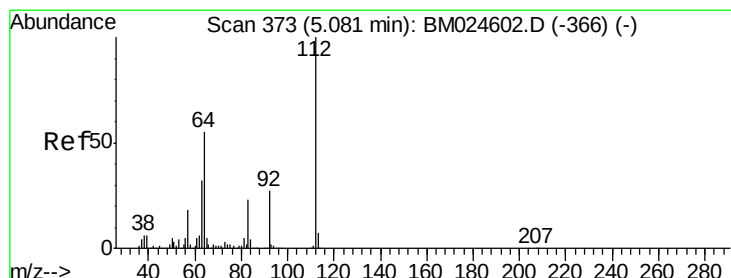
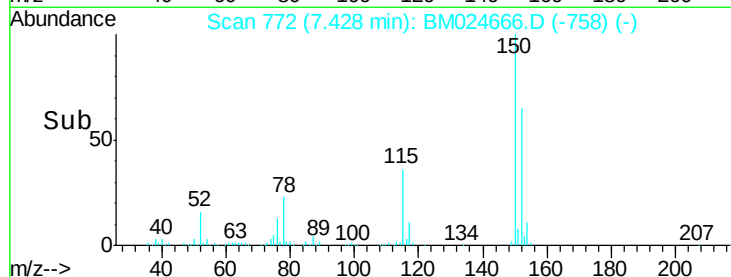
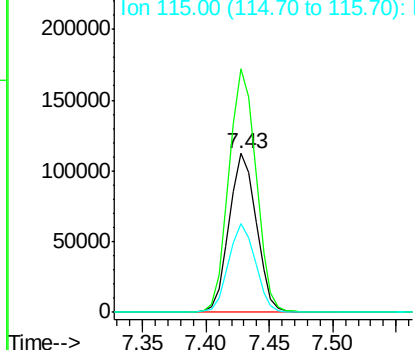
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.43 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM024666.D
Acq: 30 Jan 2020 19:44

Instrument :
BNA_M
ClientSampleId :
RAINEY-PARK-BH-03-B

Tot Ion:152 Resp: 167408
Ion Ratio Lower Upper
152 100
150 153.1 124.2 186.4
115 55.7 48.6 72.8



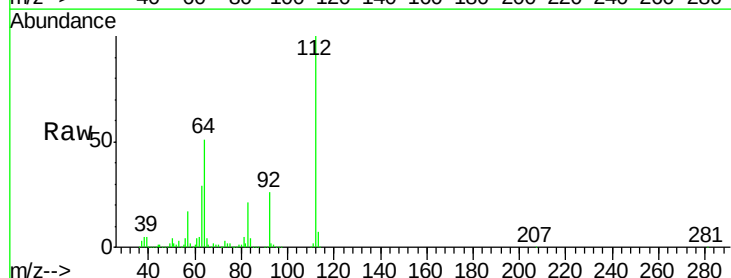
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



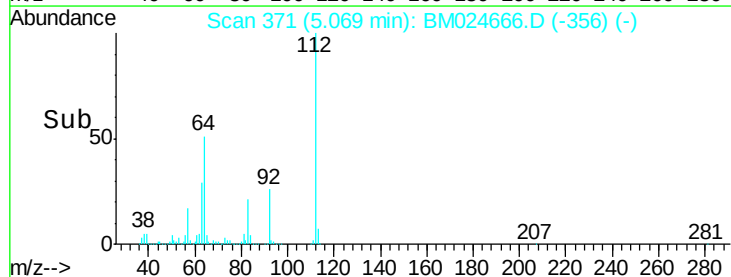
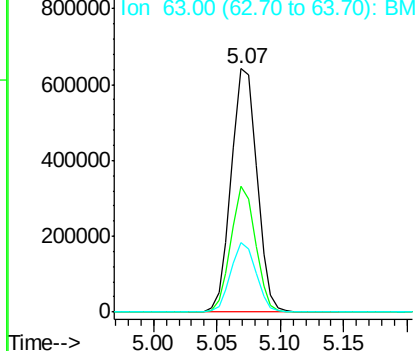
#5

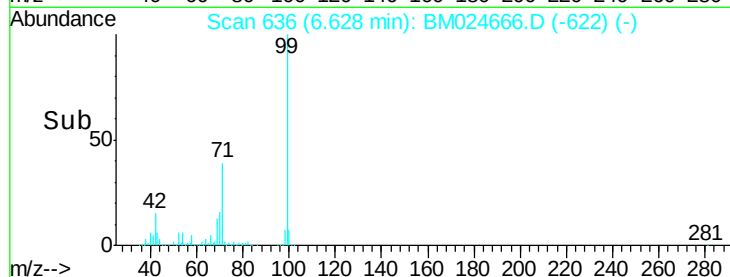
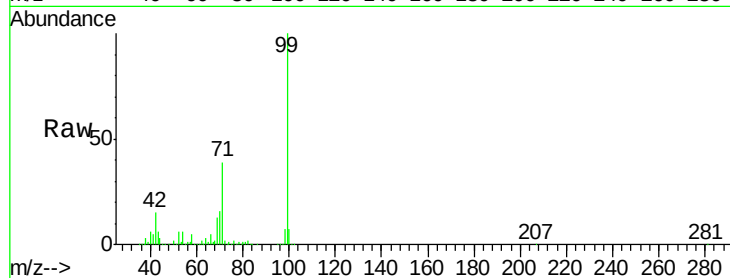
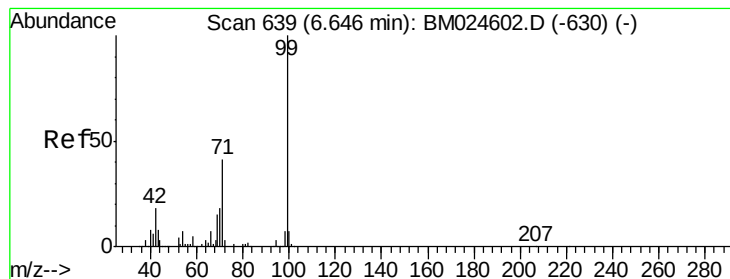
2-Fluorophenol
Concen: 102.550 ng
RT: 5.07 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM024666.D
Acq: 30 Jan 2020 19:44

Tgt Ion:112 Resp: 902727
Ion Ratio Lower Upper
112 100
64 51.4 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: 93.398 ng

RT: 6.63 min Scan# 636

Delta R.T. -0.02 min

Lab File: BM024666.D

Acq: 30 Jan 2020 19:44

Instrument :

BNA_M

ClientSampleId :

RAINEY-PARK-BH-03-B

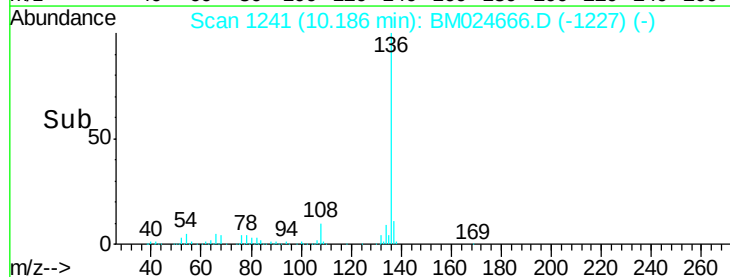
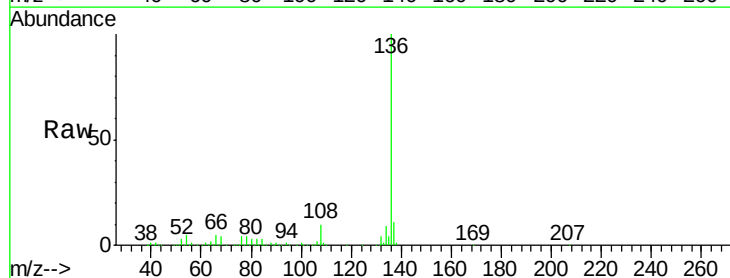
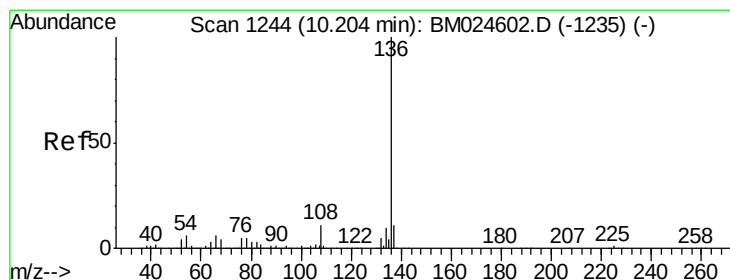
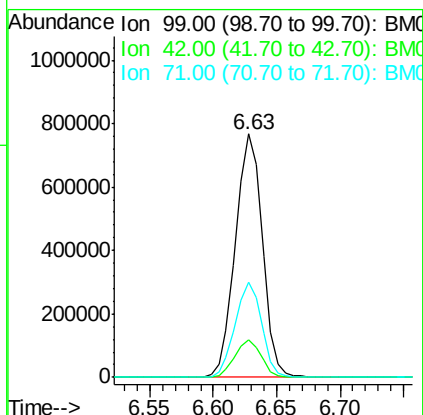
Tot Ion: 99 Resp: 1132594

Ion Ratio Lower Upper

99 100

42 15.3 14.1 21.1

71 38.9 33.0 49.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.19 min Scan# 1241

Delta R.T. -0.02 min

Lab File: BM024666.D

Acq: 30 Jan 2020 19:44

Tgt Ion: 136 Resp: 597284

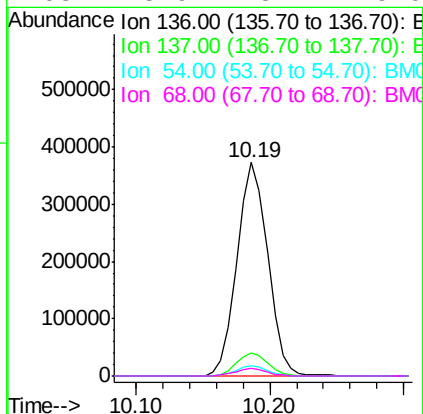
Ion Ratio Lower Upper

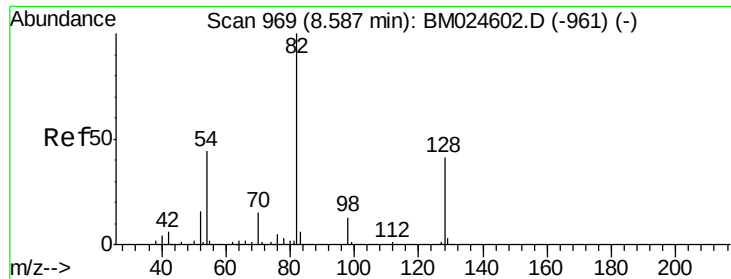
136 100

137 10.9 8.6 13.0

54 4.5 4.5 6.7

68 3.9 3.4 5.0

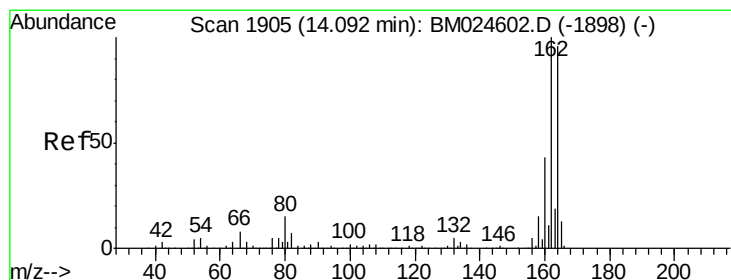
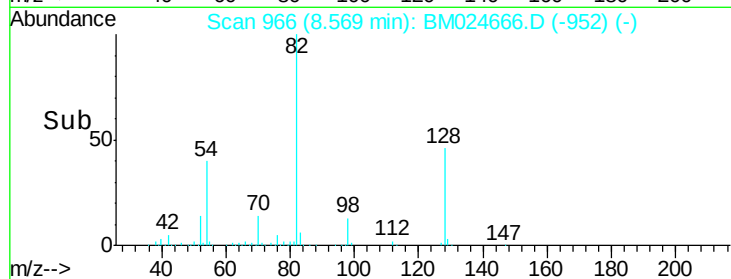
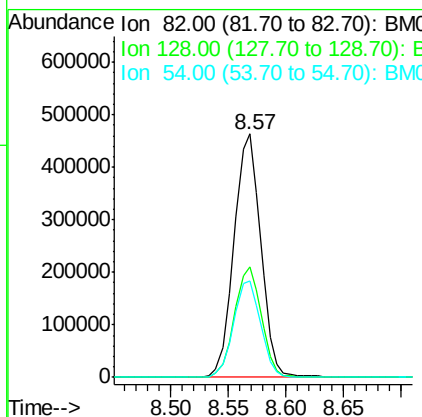
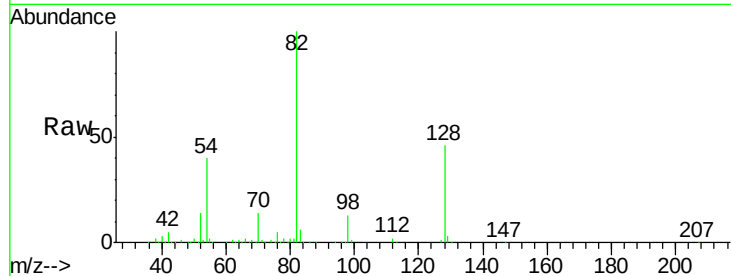




#23
 Nitrobenzene-d5
 Concen: 61.351 ng
 RT: 8.57 min Scan# 966
 Delta R.T. -0.02 min
 Lab File: BM024666.D
 Acq: 30 Jan 2020 19:44

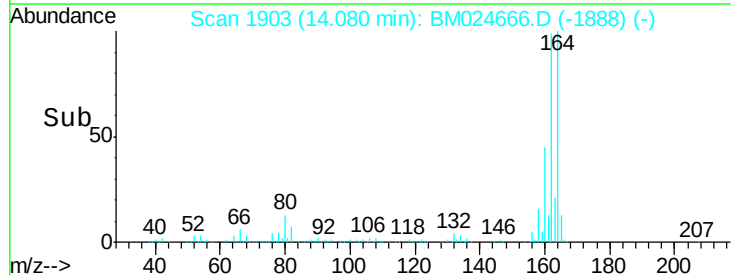
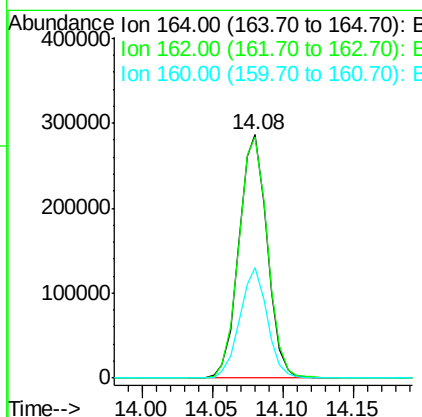
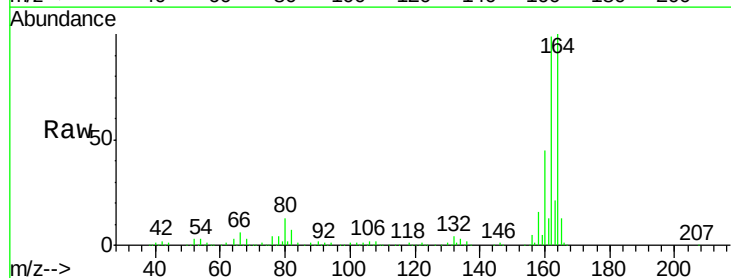
Instrument :
 BNA_M
 ClientSampleId :
 RAINEY-PARK-BH-03-B

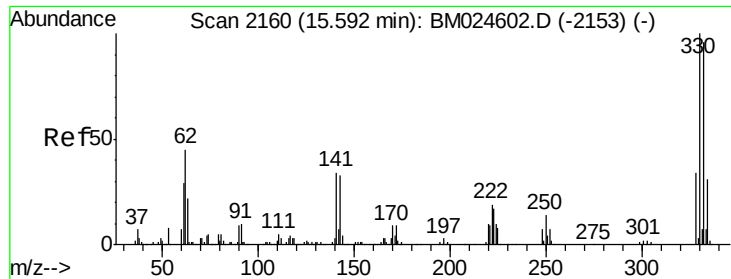
Tot Ion	82	Resp	747203
Ion Ratio	Lower	Upper	
82	100		
128	45.5	32.6	48.8
54	39.8	34.8	52.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.08 min Scan# 1903
 Delta R.T. -0.01 min
 Lab File: BM024666.D
 Acq: 30 Jan 2020 19:44

Tgt Ion	164	Resp	399289
Ion Ratio	Lower	Upper	
164	100		
162	99.2	82.9	124.3
160	45.2	35.5	53.3





#42

2,4,6-Tribromophenol

Concen: 104.240 ng

RT: 15.58 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BM024666.D

Acq: 30 Jan 2020 19:44

Instrument :

BNA_M

ClientSampleId :

RAINEY-PARK-BH-03-B

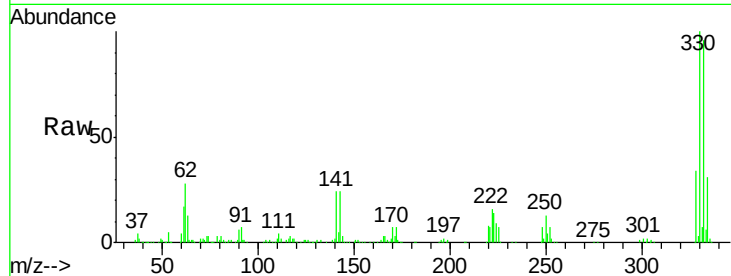
Tot Ion:330 Resp: 677042

Ion Ratio Lower Upper

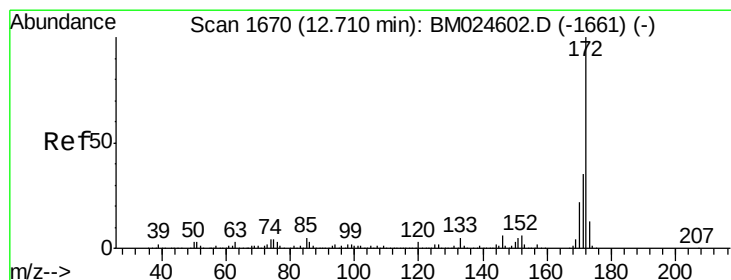
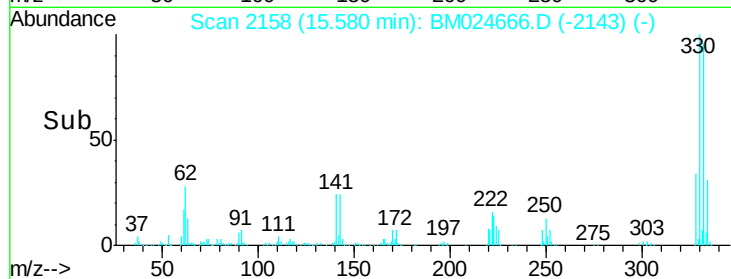
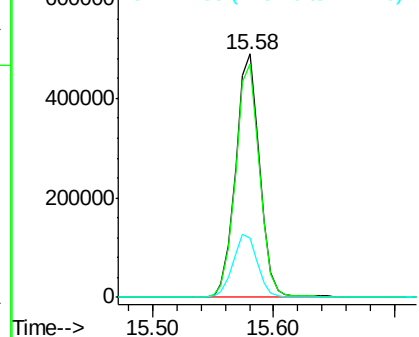
330 100

332 96.2 77.2 115.8

141 26.6 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: 64.833 ng

RT: 12.69 min Scan# 1667

Delta R.T. -0.02 min

Lab File: BM024666.D

Acq: 30 Jan 2020 19:44

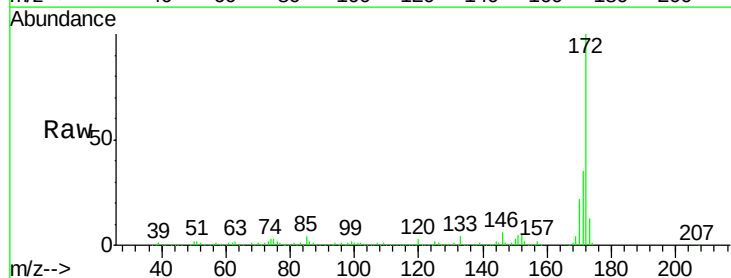
Tgt Ion:172 Resp: 1904167

Ion Ratio Lower Upper

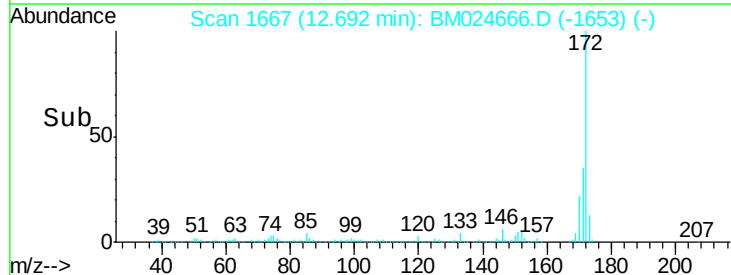
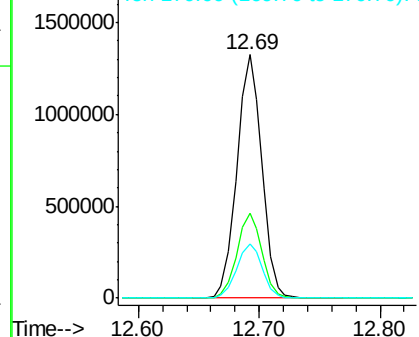
172 100

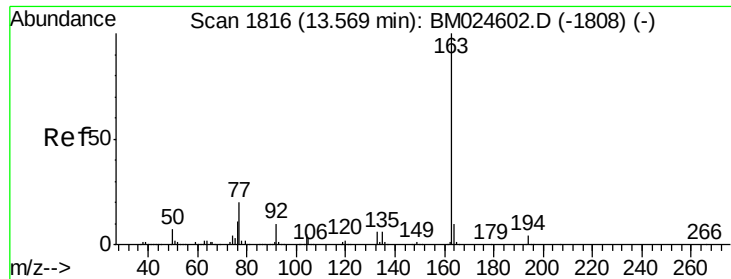
171 34.9 28.3 42.5

170 22.1 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: 2.073 ng

RT: 13.55 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BM024666.D

Acq: 30 Jan 2020 19:44

Instrument :

BNA_M

ClientSampleId :

RAINEY-PARK-BH-03-B

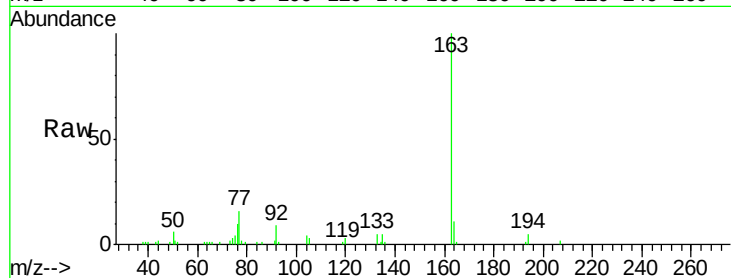
Tot Ion:163 Resp: 66931

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.0

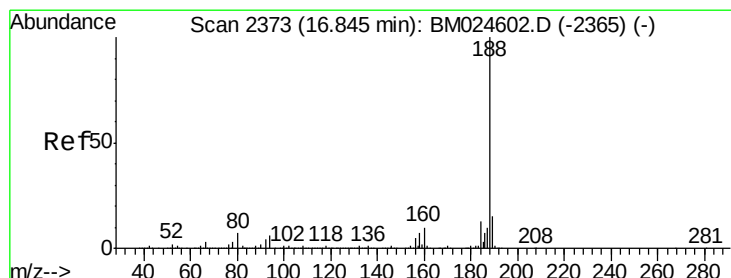
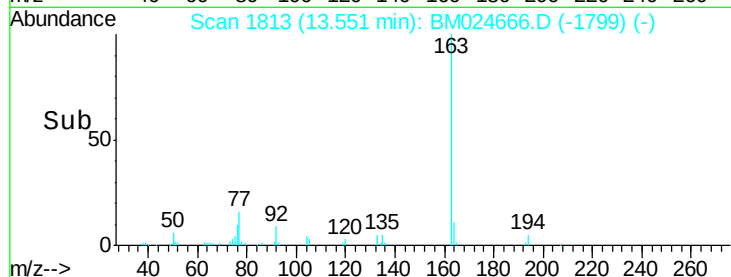
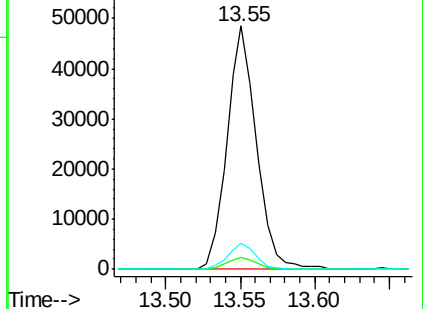
164 10.7 8.0 12.0



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# 2371

Delta R.T. -0.01 min

Lab File: BM024666.D

Acq: 30 Jan 2020 19:44

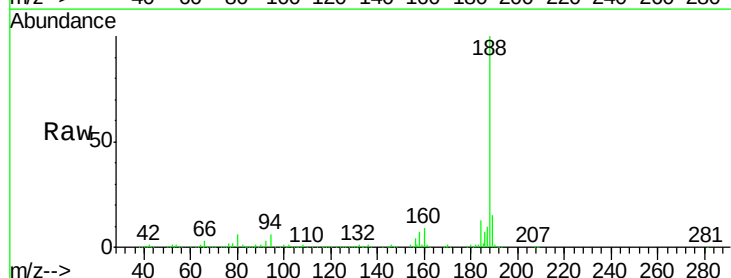
Tgt Ion:188 Resp: 917073

Ion Ratio Lower Upper

188 100

94 6.1 5.0 7.6

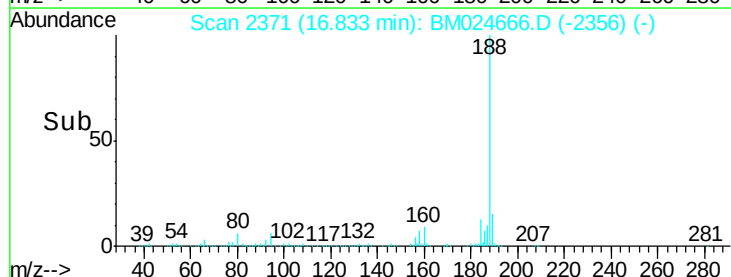
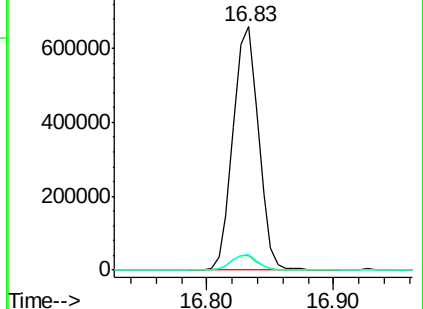
80 6.3 5.8 8.8

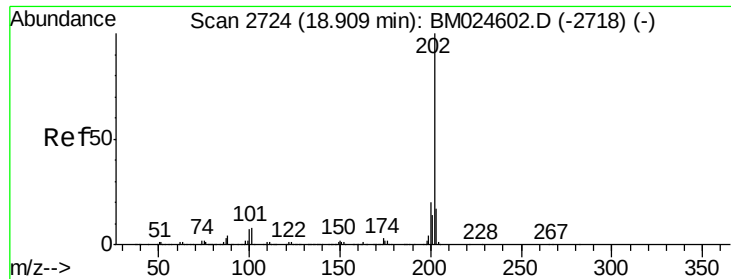


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Fluoranthene

Concen: 2.188 ng

RT: 18.90 min Scan# 2723

Delta R.T. -0.01 min

Lab File: BM024666.D

Acq: 30 Jan 2020 19:44

Instrument :

BNA_M

ClientSampleId :

RAINEY-PARK-BH-03-B

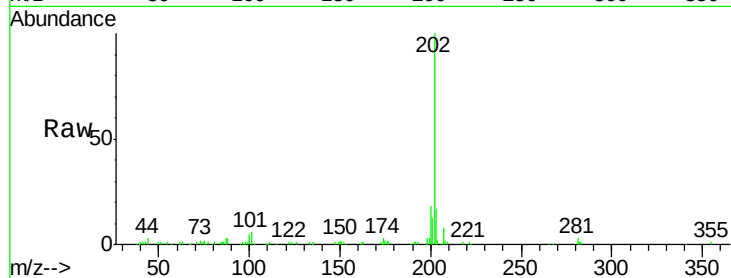
Tot Ion:202 Resp: 135639

Ion Ratio Lower Upper

202 100

101 6.1 0.0 28.4

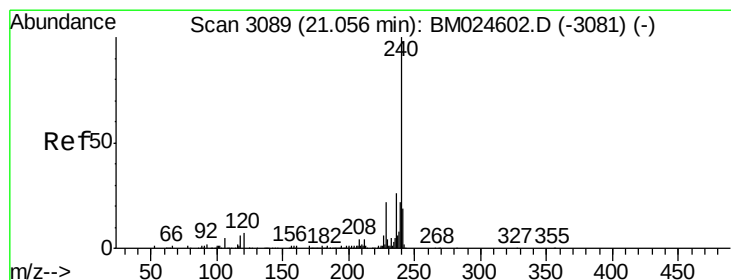
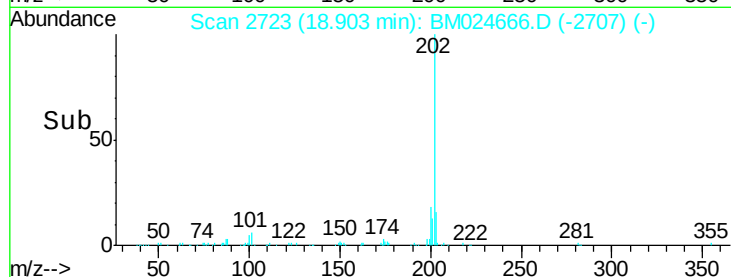
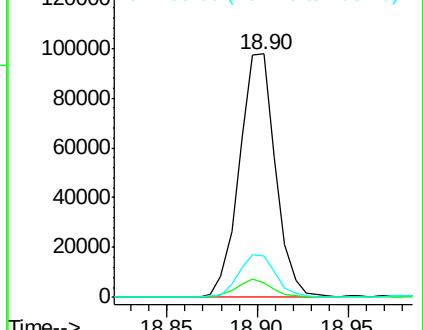
203 17.0 0.0 37.5



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: BM024666.D

Acq: 30 Jan 2020 19:44

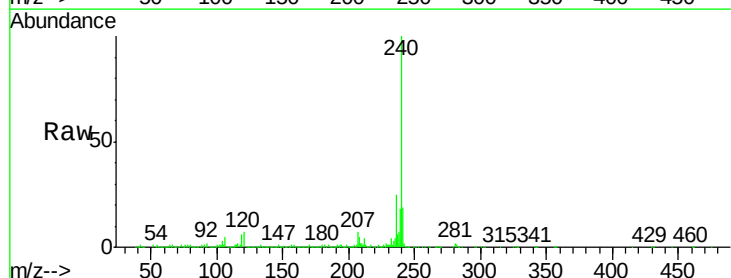
Tgt Ion:240 Resp: 1120708

Ion Ratio Lower Upper

240 100

120 6.9 5.3 7.9

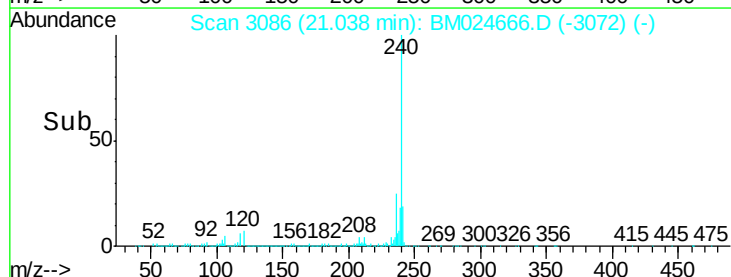
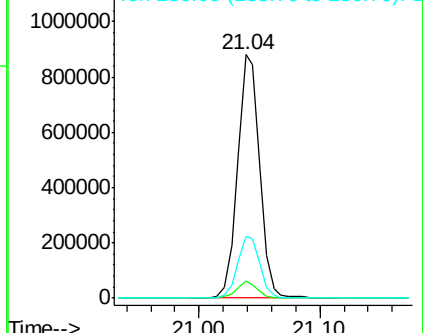
236 25.4 20.6 31.0

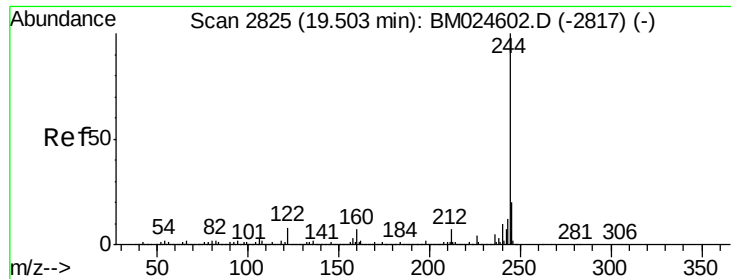


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 60.399 ng

RT: 19.49 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BM024666.D

Acq: 30 Jan 2020 19:44

Instrument :

BNA_M

ClientSampleId :

RAINEY-PARK-BH-03-B

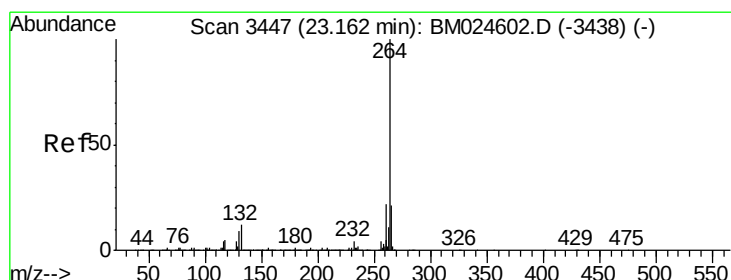
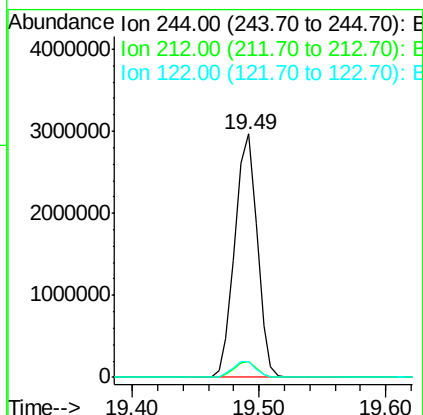
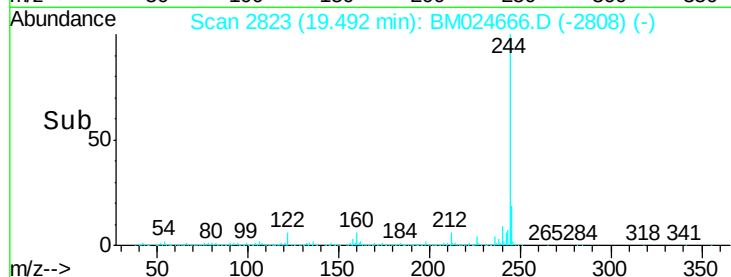
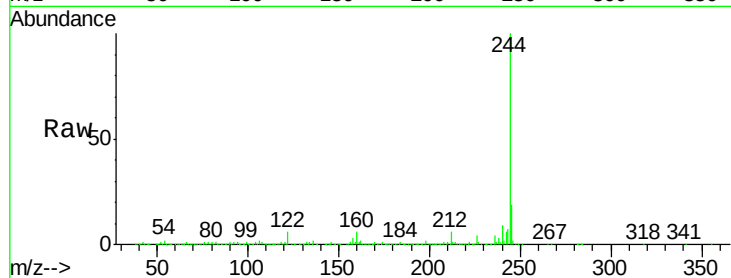
Tot Ion:244 Resp: 3625789

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.2

122 6.5 6.2 9.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.15 min Scan# 3445

Delta R.T. -0.01 min

Lab File: BM024666.D

Acq: 30 Jan 2020 19:44

Tgt Ion:264 Resp: 1334104

Ion Ratio Lower Upper

264 100

260 22.5 17.9 26.9

265 21.5 17.3 25.9

