

Data File : BM022423.D
Acq On : 30 Aug 2019 00:26
Operator : HP/JU
Sample : K4756-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RBR-200034-RBR-200036

Quant Time: Aug 30 07:54:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 16:51:32 2019
Response via : Initial Calibration

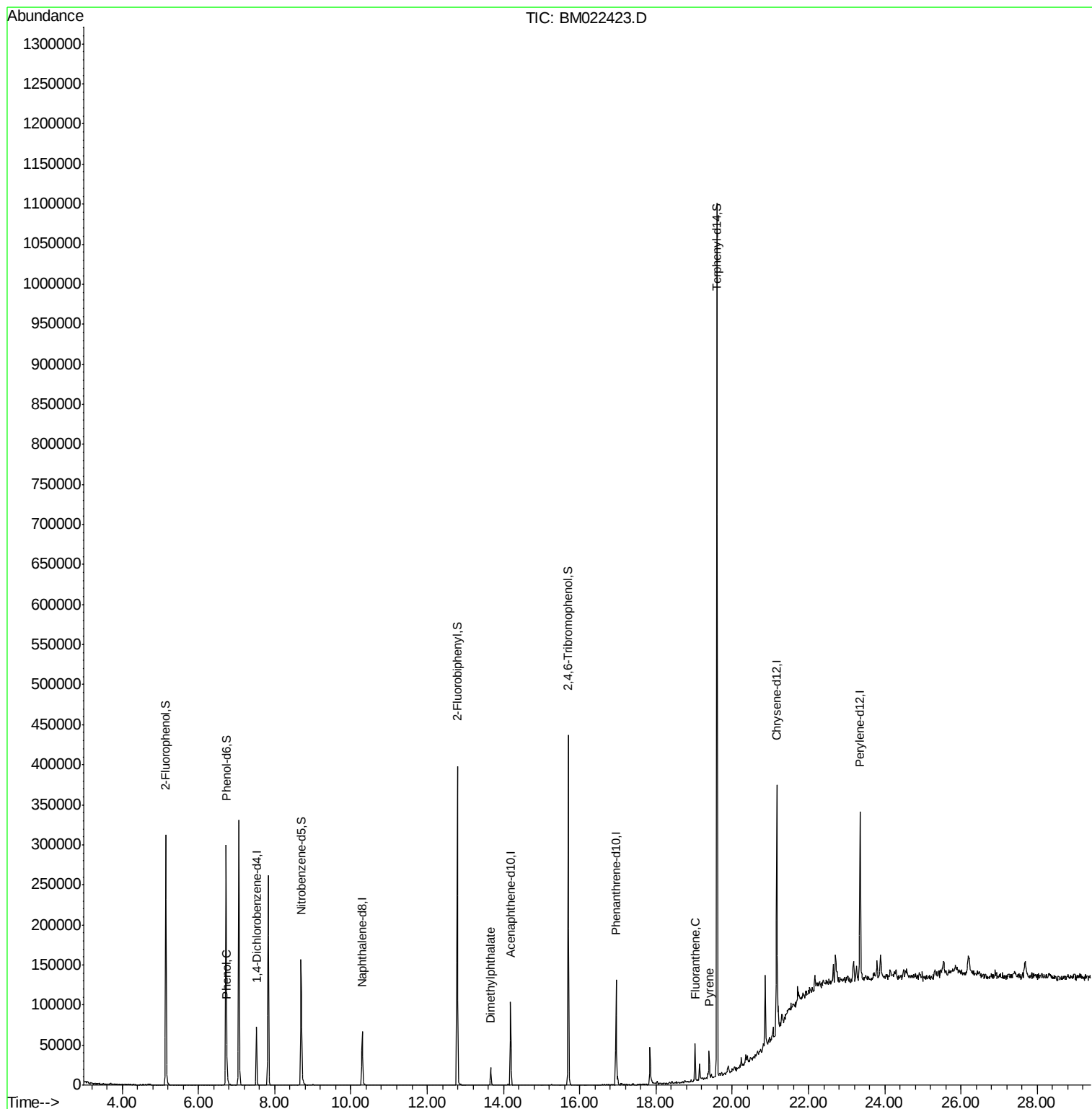
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	16748	20.00	ng	0.00
21) Naphthalene-d8	10.30	136	54522	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	34091	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	78517	20.00	ng	0.00
76) Chrysene-d12	21.17	240	117352	20.00	ng	0.00
87) Perylene-d12	23.35	264	142539	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	106661	111.79	ng	0.00
7) Phenol-d6	6.72	99	133946	104.98	ng	0.00
23) Nitrobenzene-d5	8.69	82	94272	75.73	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	69670	99.87	ng	0.00
45) 2-Fluorobiphenyl	12.79	172	189593	63.00	ng	0.00
79) Terphenyl-d14	19.60	244	426803	48.00	ng	0.00
Target Compounds						
10) Phenol	6.75	94	6151	4.799	ng	86
50) Dimethylphthalate	13.67	163	16319	5.504	ng	98
75) Fluoranthene	19.03	202	26506	4.349	ng	95
78) Pyrene	19.39	202	22379	2.798	ng	99

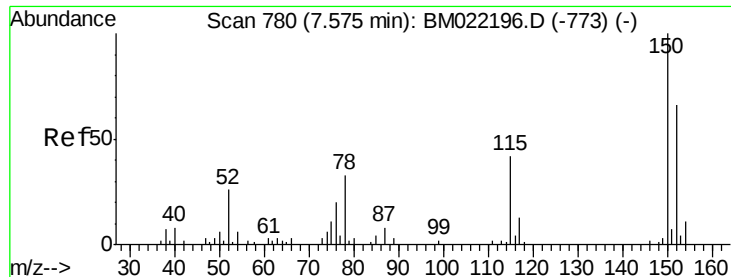
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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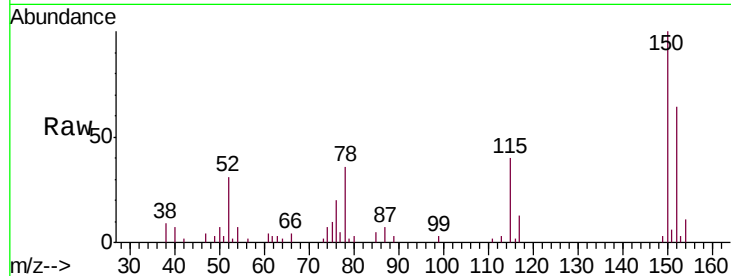


#1

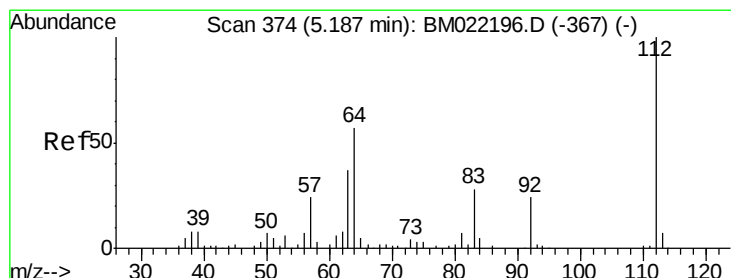
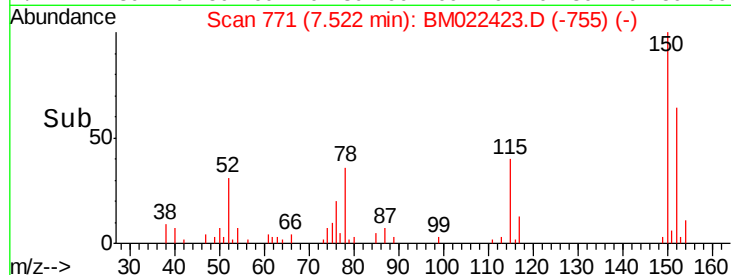
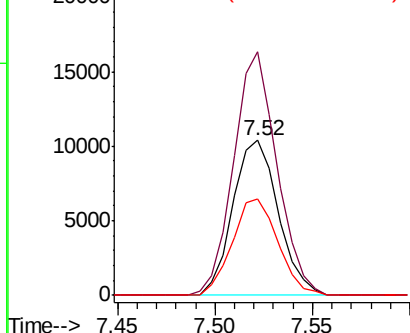
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.52 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BM022423.D
 Acq: 30 Aug 2019 00:26

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200034-RBR-200036

Tgt Ion:152 Resp: 16748
 Ion Ratio Lower Upper
 152 100
 150 157.2 125.4 188.0
 115 62.5 50.3 75.5



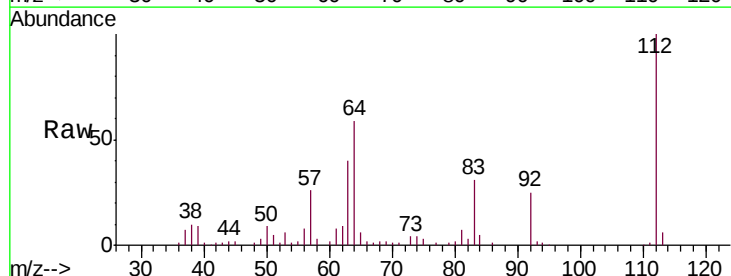
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



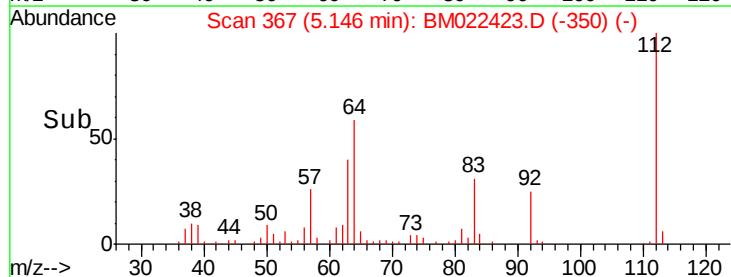
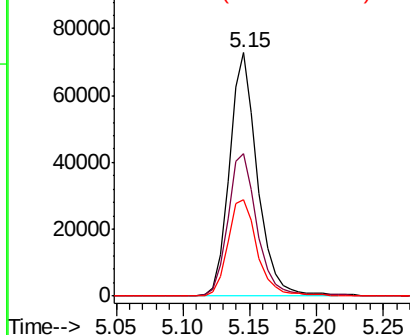
#5

2-Fluorophenol
 Concen: 111.790 ng
 RT: 5.15 min Scan# 367
 Delta R.T. -0.00 min
 Lab File: BM022423.D
 Acq: 30 Aug 2019 00:26

Tgt Ion:112 Resp: 106661
 Ion Ratio Lower Upper
 112 100
 64 58.6 45.4 68.2
 63 39.8 34.5 51.7



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: 104.981 ng

RT: 6.72 min Scan# 635

Delta R.T. -0.00 min

Lab File: BM022423.D

Acq: 30 Aug 2019 00:26

Instrument :

BNA_M

ClientSampleId :

RBR-200034-RBR-200036

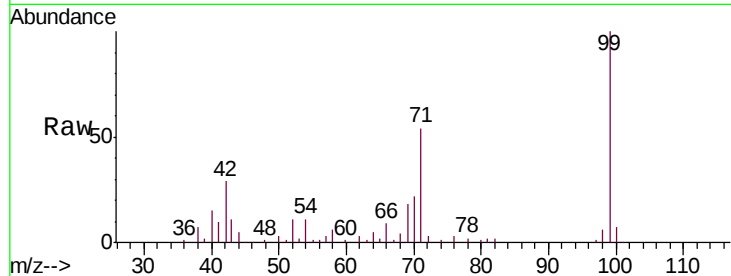
Tgt Ion: 99 Resp: 133946

Ion Ratio Lower Upper

99 100

42 29.4 26.3 39.5

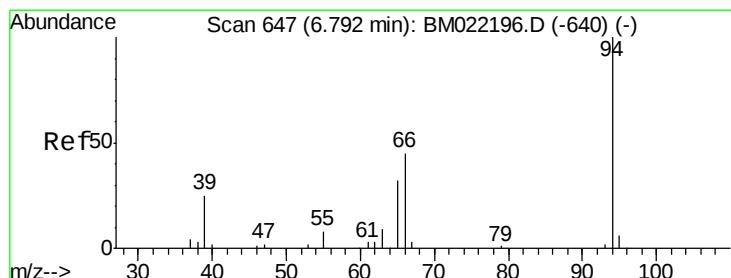
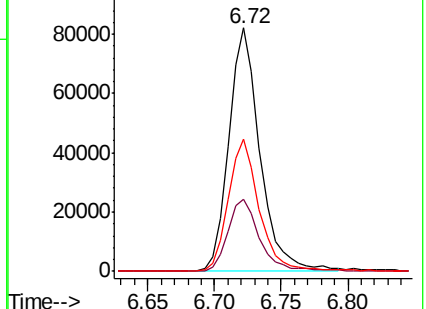
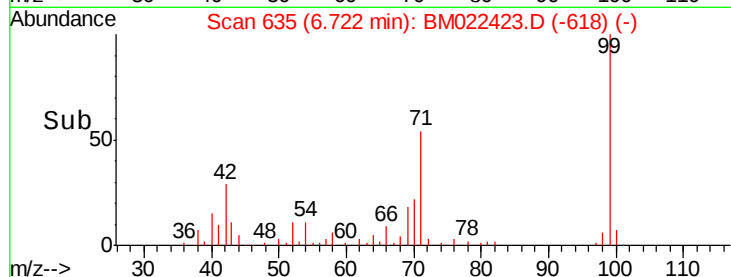
71 54.4 46.6 69.8



Abundance Ion 99.00 (98.70 to 99.70): BM022196.D (-635) (-)

Ion 42.00 (41.70 to 42.70): BM022196.D (-635) (-)

Ion 71.00 (70.70 to 71.70): BM022196.D (-635) (-)



#10

Phenol

Concen: 4.799 ng

RT: 6.75 min Scan# 640

Delta R.T. -0.00 min

Lab File: BM022423.D

Acq: 30 Aug 2019 00:26

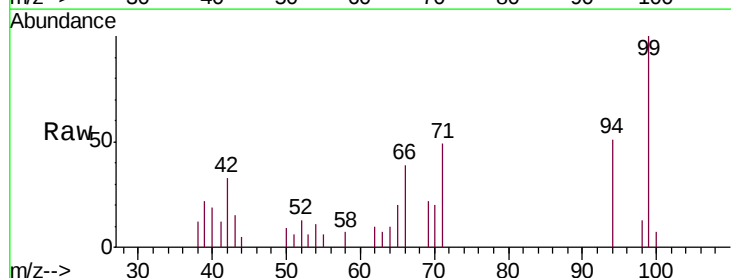
Tgt Ion: 94 Resp: 6151

Ion Ratio Lower Upper

94 100

65 39.8 17.7 57.7

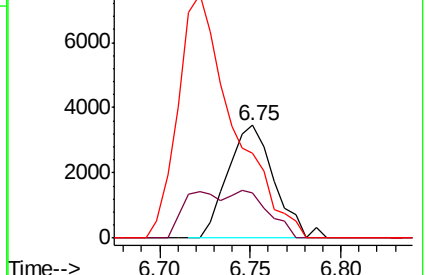
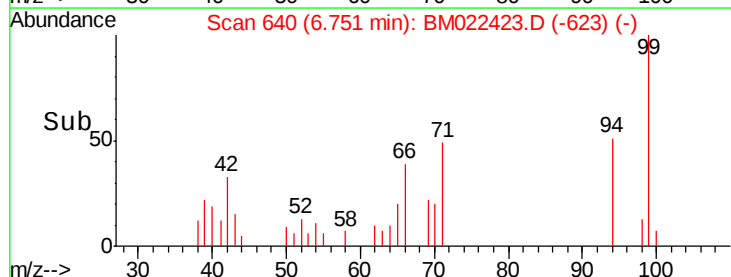
66 75.2 39.6 79.6

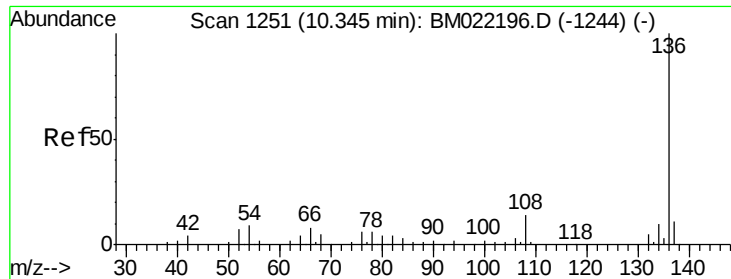


Abundance Ion 94.00 (93.70 to 94.70): BM022196.D (-640) (-)

Ion 65.00 (64.70 to 65.70): BM022196.D (-640) (-)

Ion 66.00 (65.70 to 66.70): BM022196.D (-640) (-)

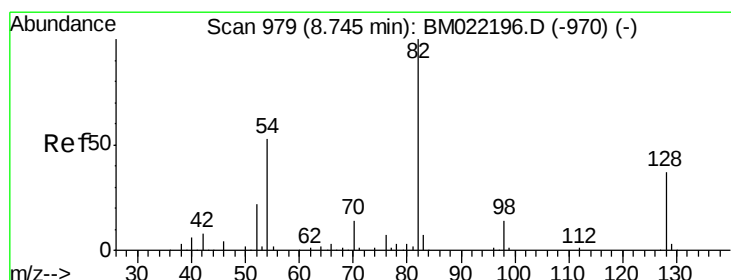
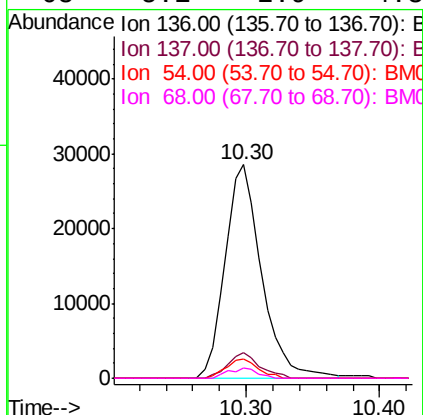
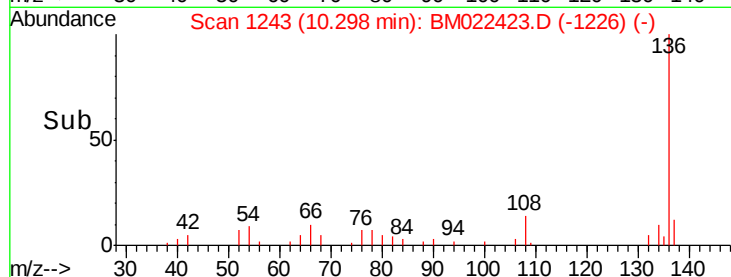
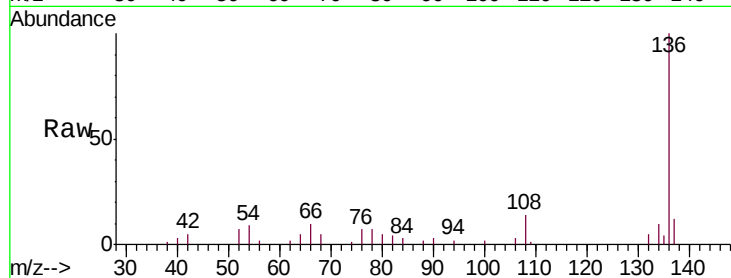




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.30 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BM022423.D
Acq: 30 Aug 2019 00:26

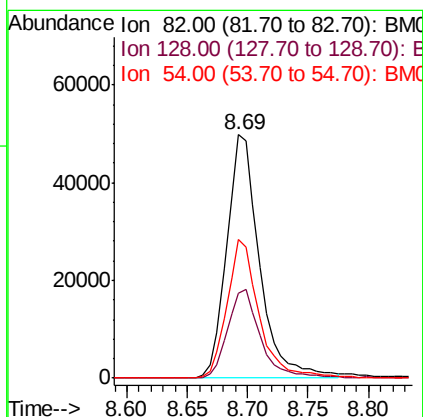
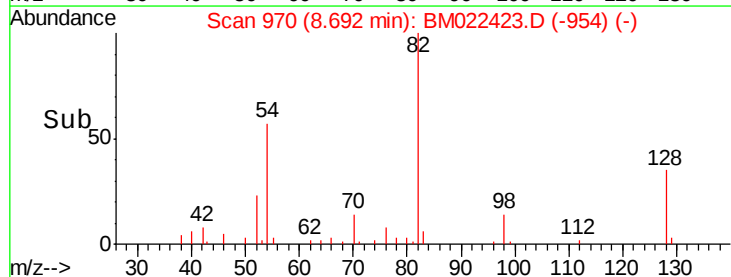
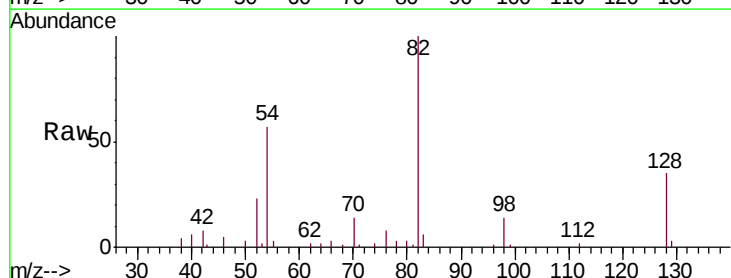
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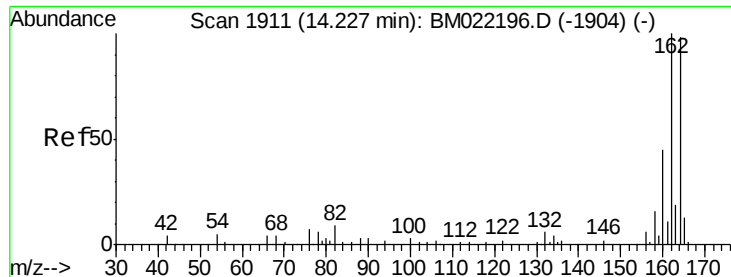
Tgt Ion:	136	Resp:	54522
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.6	13.0
54	9.1	7.0	10.6
68	5.1	2.9	4.3#



#23
Nitrobenzene-d5
Concen: 75.734 ng
RT: 8.69 min Scan# 970
Delta R.T. -0.01 min
Lab File: BM022423.D
Acq: 30 Aug 2019 00:26

Tgt Ion:	82	Resp:	94272
Ion	Ratio	Lower	Upper
82	100		
128	34.9	27.9	41.9
54	57.1	45.2	67.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.19 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BM022423.D

Acq: 30 Aug 2019 00:26

Instrument :

BNA_M

ClientSampleId :

RBR-200034-RBR-200036

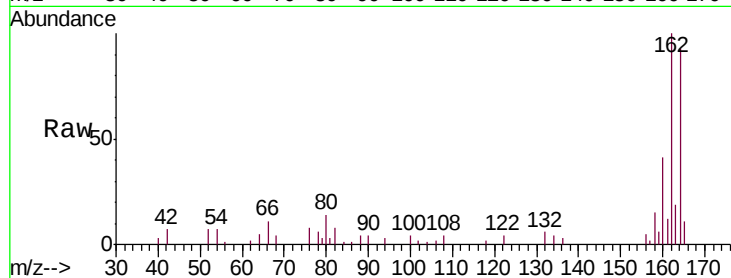
Tgt Ion:164 Resp: 34091

Ion Ratio Lower Upper

164 100

162 107.4 80.6 121.0

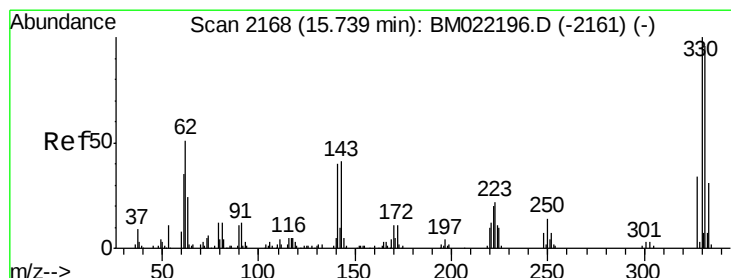
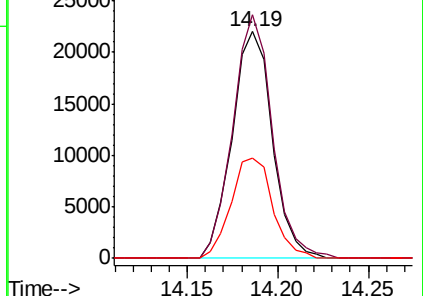
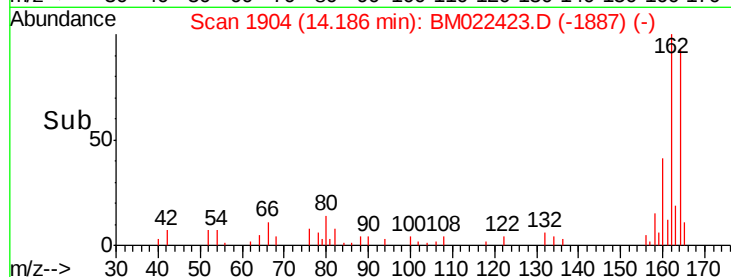
160 44.2 37.3 55.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 99.872 ng

RT: 15.70 min Scan# 2161

Delta R.T. -0.00 min

Lab File: BM022423.D

Acq: 30 Aug 2019 00:26

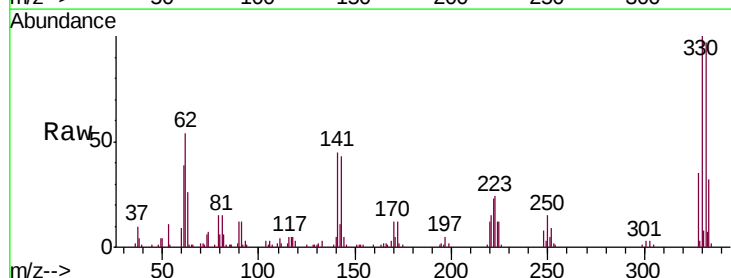
Tgt Ion:330 Resp: 69670

Ion Ratio Lower Upper

330 100

332 97.0 77.8 116.8

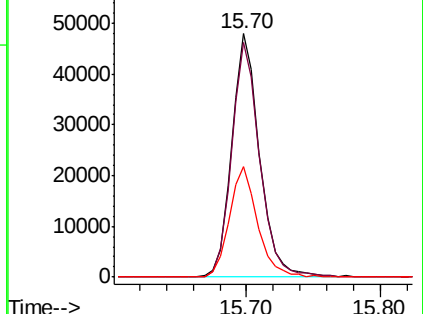
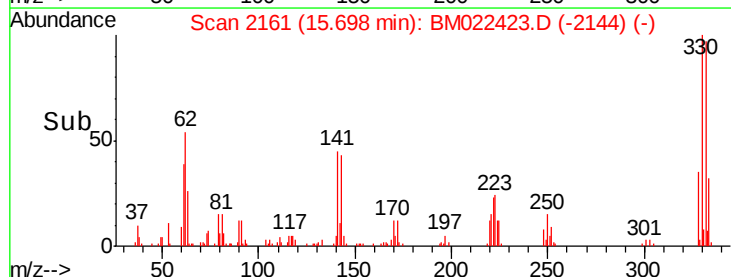
141 45.9 35.6 53.4

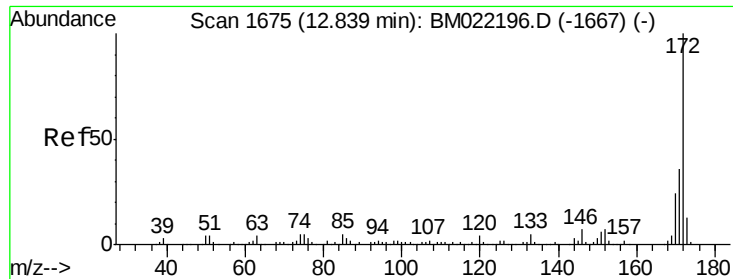


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

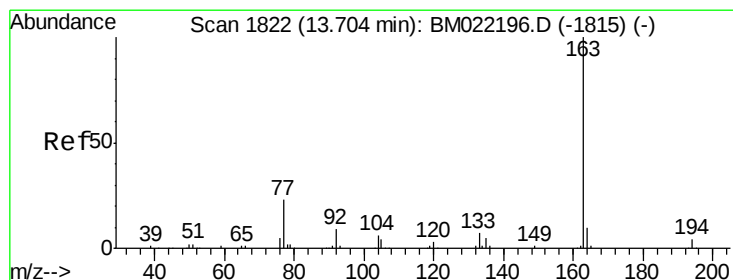
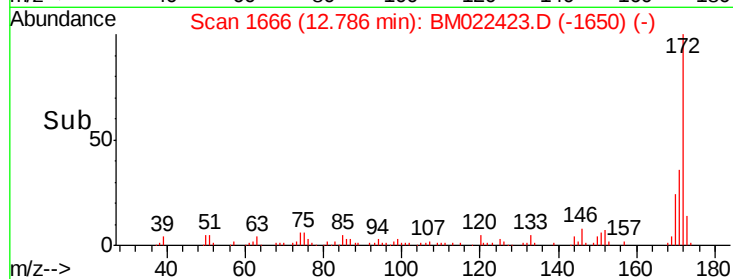
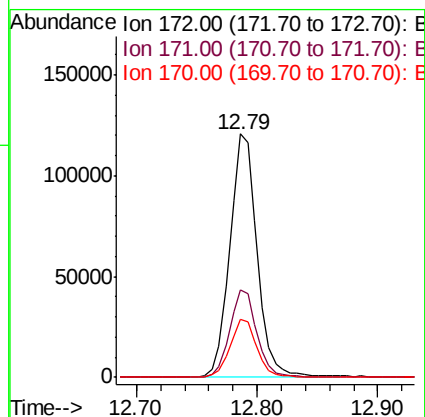
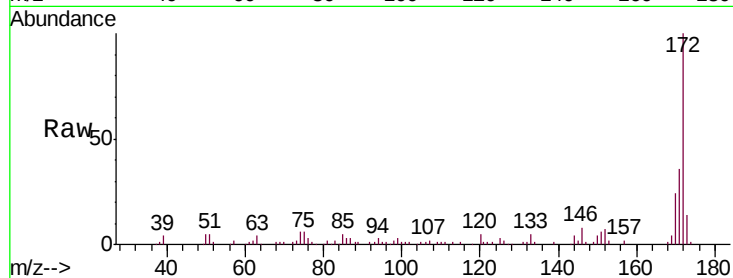




#45
2-Fluorobiphenyl
Concen: 63.002 ng
RT: 12.79 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BM022423.D
Acq: 30 Aug 2019 00:26

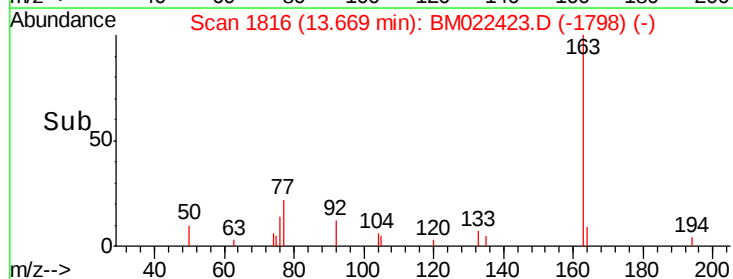
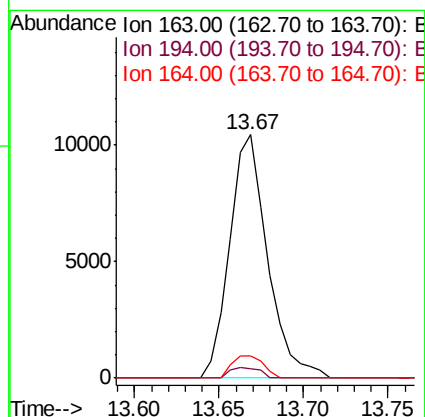
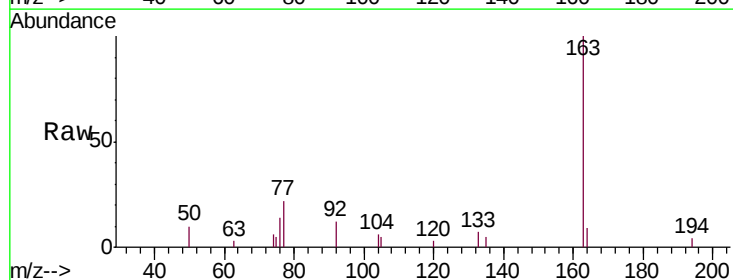
Instrument :
BNA_M
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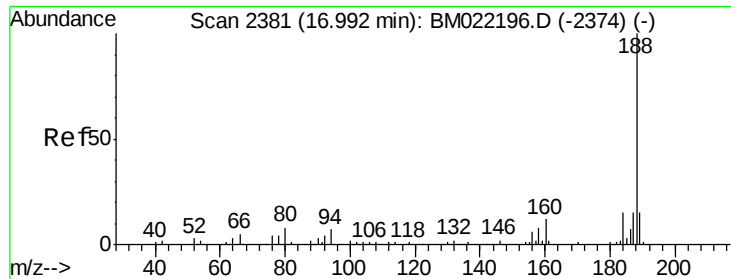
Tgt Ion:172 Resp: 189593
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.8 18.9 28.3



#50
Dimethylphthalate
Concen: 5.504 ng
RT: 13.67 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BM022423.D
Acq: 30 Aug 2019 00:26

Tgt Ion:163 Resp: 16319
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 9.0 8.2 12.2

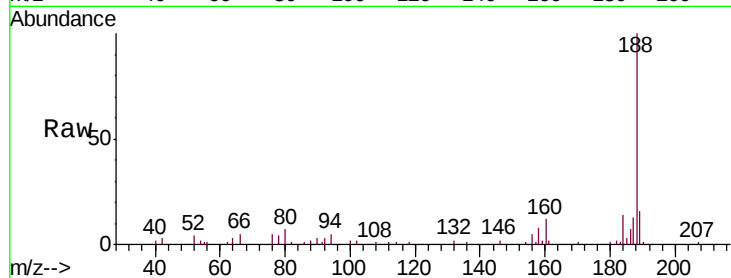




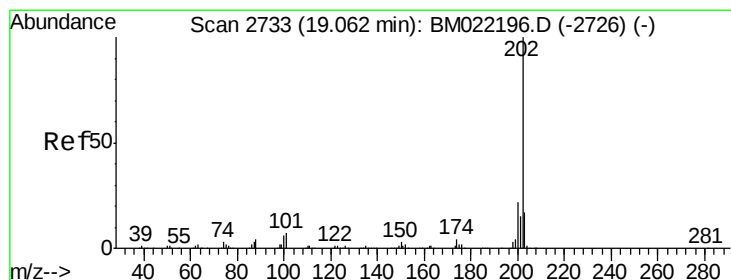
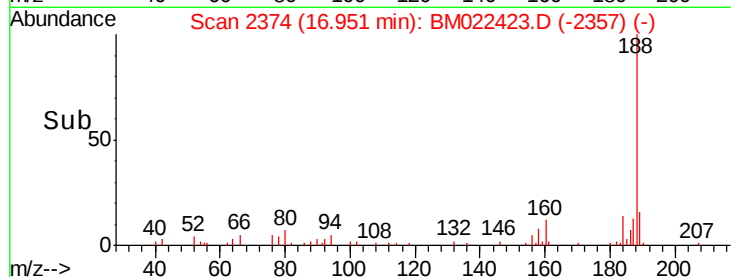
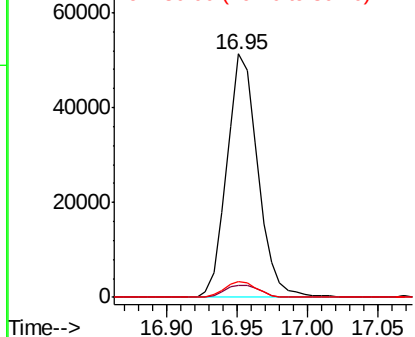
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BM022423.D
Acq: 30 Aug 2019 00:26

Instrument :
BNA_M
ClientSampleId :
RBR-200034-RBR-200036

Tgt Ion:188 Resp: 78517
Ion Ratio Lower Upper
188 100
94 5.1 4.4 6.6
80 6.7 5.0 7.6

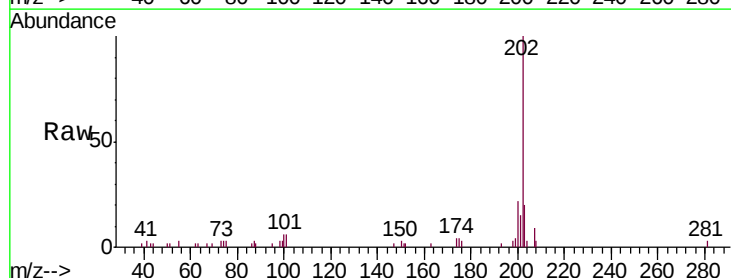


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

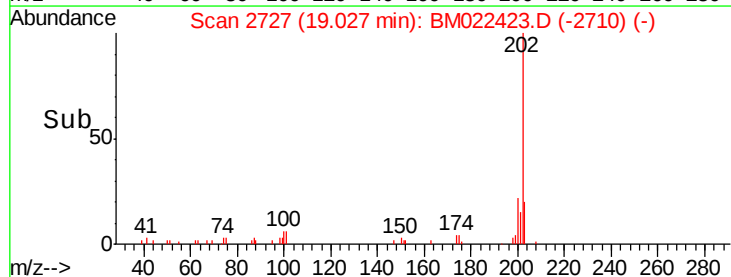
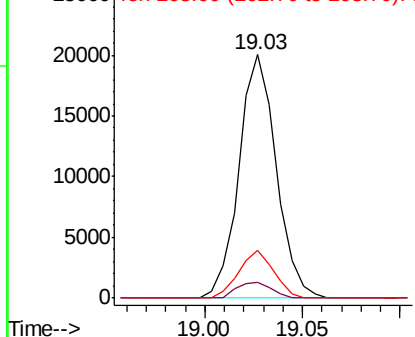


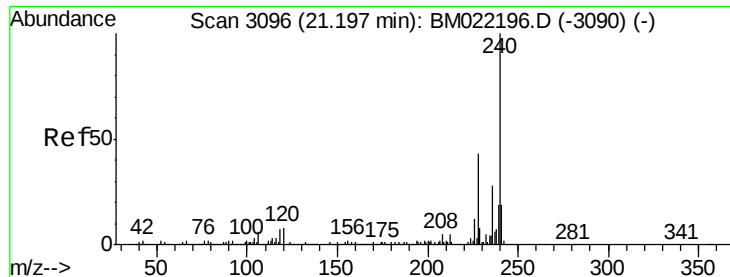
#75
Fluoranthene
Concen: 4.349 ng
RT: 19.03 min Scan# 2727
Delta R.T. -0.00 min
Lab File: BM022423.D
Acq: 30 Aug 2019 00:26

Tgt Ion:202 Resp: 26506
Ion Ratio Lower Upper
202 100
101 6.4 0.0 25.1
203 19.5 0.0 37.1



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

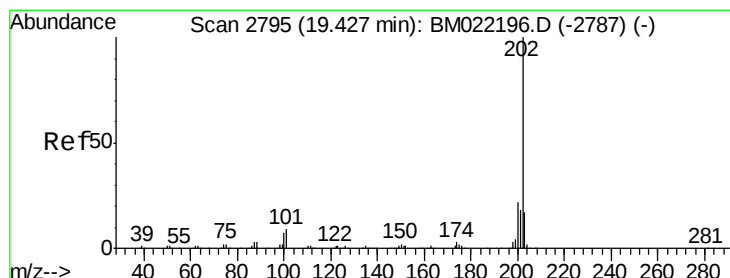
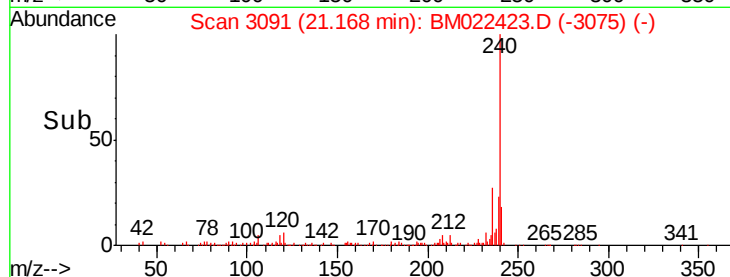
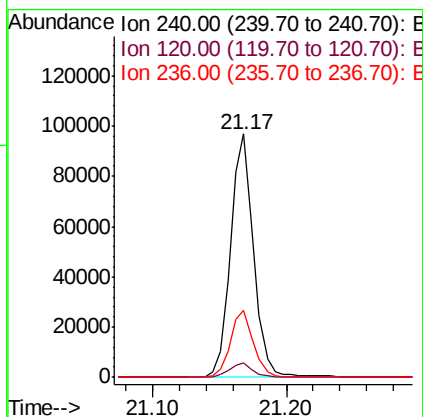
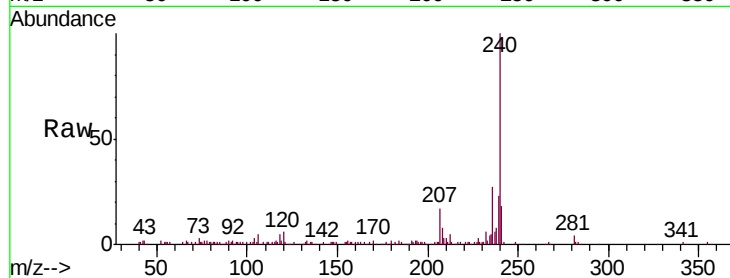




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM022423.D
Acq: 30 Aug 2019 00:26

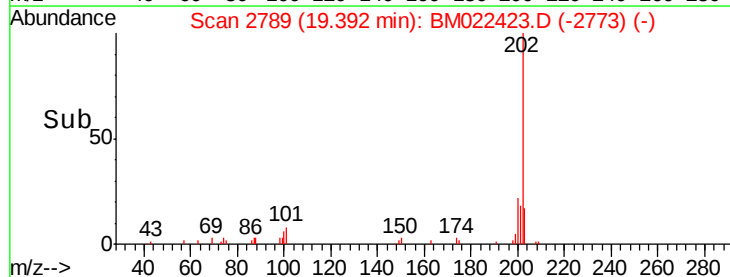
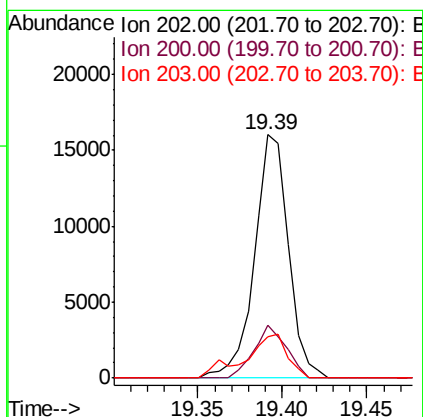
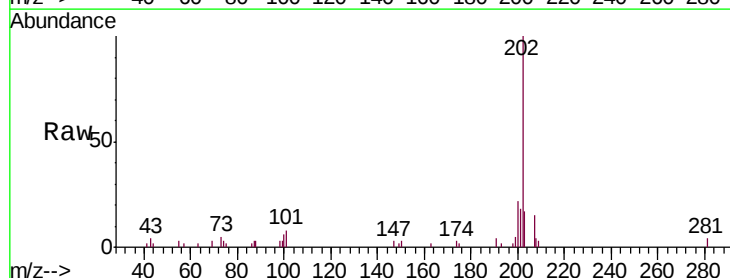
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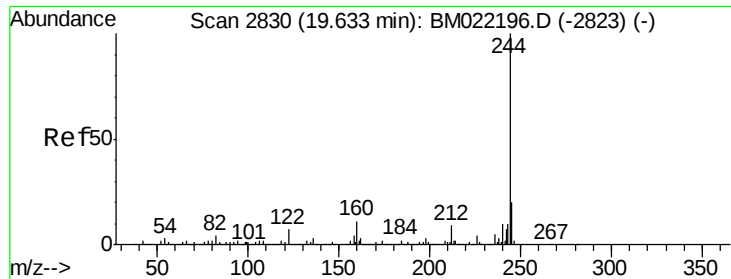
Tgt Ion:240 Resp: 117352
Ion Ratio Lower Upper
240 100
120 5.8 3.9 5.9
236 27.3 21.4 32.2



#78
Pyrene
Concen: 2.798 ng
RT: 19.39 min Scan# 2789
Delta R.T. -0.01 min
Lab File: BM022423.D
Acq: 30 Aug 2019 00:26

Tgt Ion:202 Resp: 22379
Ion Ratio Lower Upper
202 100
200 21.5 17.7 26.5
203 17.0 13.8 20.8





#79

Terphenyl-d14

Concen: 47.999 ng

RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM022423.D

Acq: 30 Aug 2019 00:26

Instrument :

BNA_M

ClientSampleId :

RBR-200034-RBR-200036

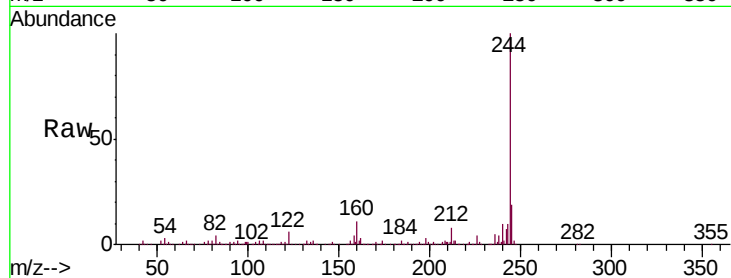
Tgt Ion:244 Resp: 426803

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.4

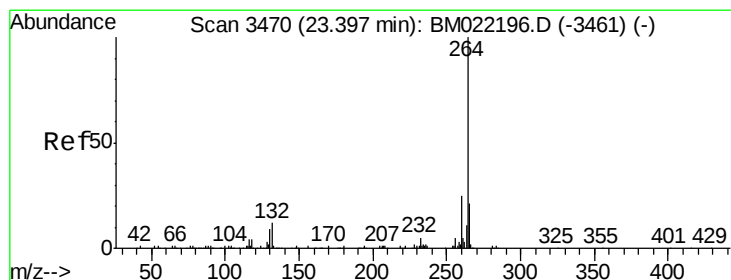
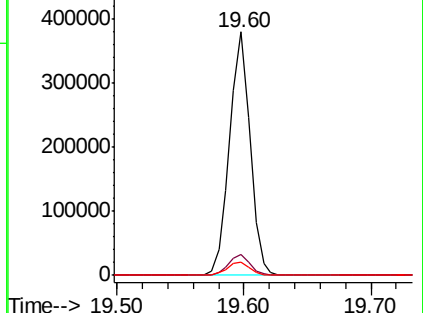
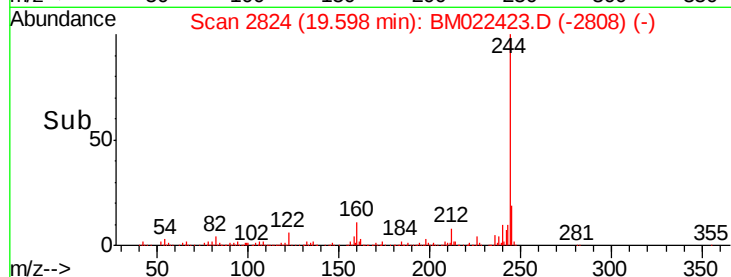
122 5.6 3.9 5.9



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: 23.35 min Scan# 3462

Delta R.T. -0.01 min

Lab File: BM022423.D

Acq: 30 Aug 2019 00:26

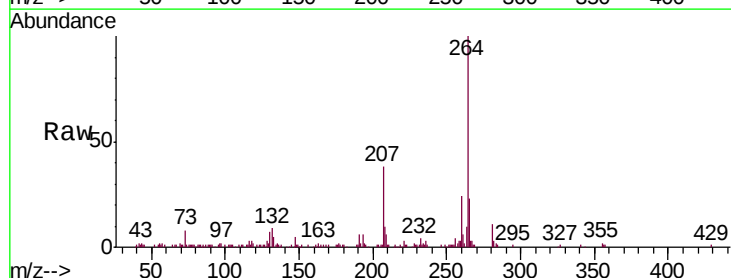
Tgt Ion:264 Resp: 142539

Ion Ratio Lower Upper

264 100

260 24.3 20.2 30.2

265 22.8 18.2 27.2



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

