

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051019\
 Data File : BM020258.D
 Acq On : 11 May 2019 02:42
 Operator : JU/SJ
 Sample : K2801-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200035

Quant Time: May 11 05:54:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

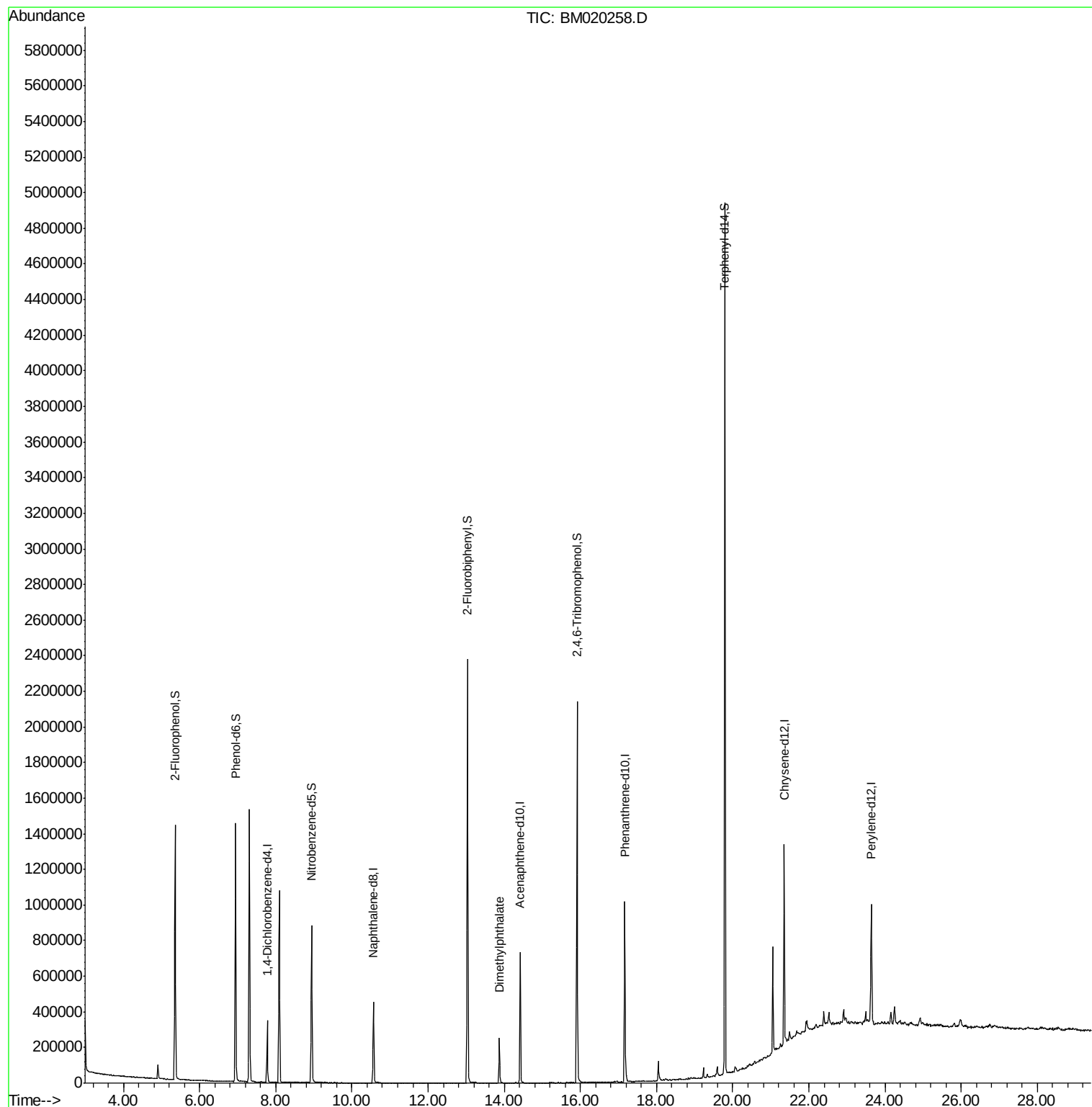
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	91987	20.00	ng	-0.02
21) Naphthalene-d8	10.57	136	365986	20.00	ng	-0.02
39) Acenaphthene-d10	14.42	164	244067	20.00	ng	-0.02
64) Phenanthrene-d10	17.17	188	609362	20.00	ng	-0.01
76) Chrysene-d12	21.35	240	516639	20.00	ng	-0.02
87) Perylene-d12	23.64	264	498917	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	568323	100.99	ng	-0.01
7) Phenol-d6	6.95	99	824027	107.18	ng	0.00
23) Nitrobenzene-d5	8.94	82	573681	61.88	ng	-0.02
42) 2,4,6-Tribromophenol	15.91	330	403088	106.40	ng	-0.01
45) 2-Fluorobiphenyl	13.03	172	1195729	60.28	ng	-0.02
79) Terphenyl-d14	19.79	244	2144531	72.40	ng	-0.02
Target Compounds						
50) Dimethylphthalate	13.87	163	157530	7.594	ng	Qvalue 100

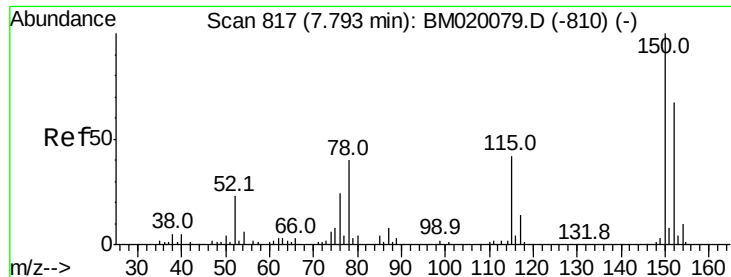
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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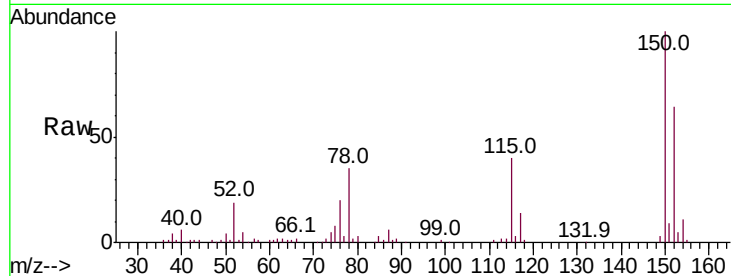


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 814
Delta R.T. -0.02 min
Lab File: BM020258.D
Acq: 11 May 2019 02:42

Instrument :
BNA_M
ClientSampleId :
RBR-200035

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	119.8	179.8
115	62.6	50.8	76.2

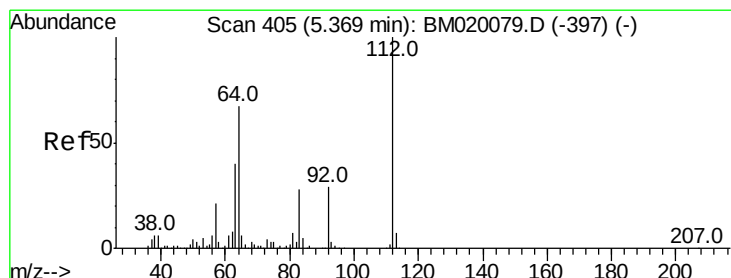
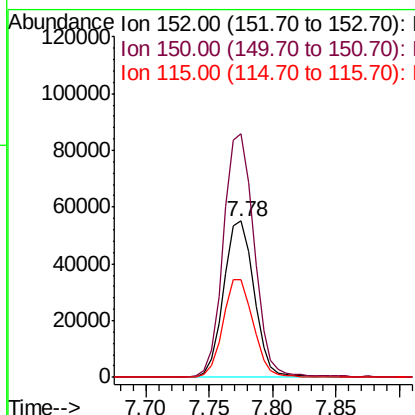
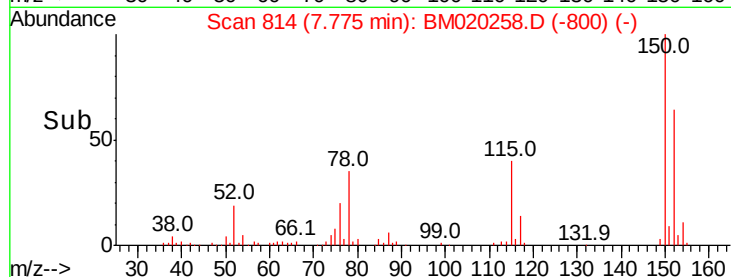


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

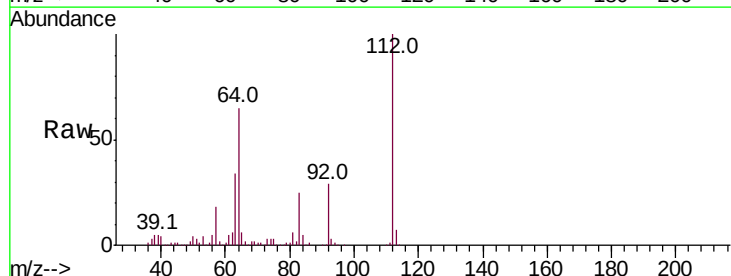
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 100.990 ng
RT: 5.36 min Scan# 403
Delta R.T. -0.01 min
Lab File: BM020258.D
Acq: 11 May 2019 02:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.6	53.8	80.6
63	34.5	32.3	48.5

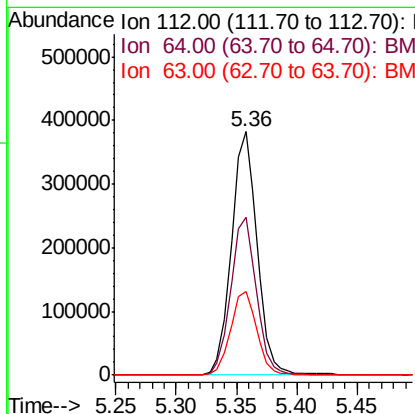
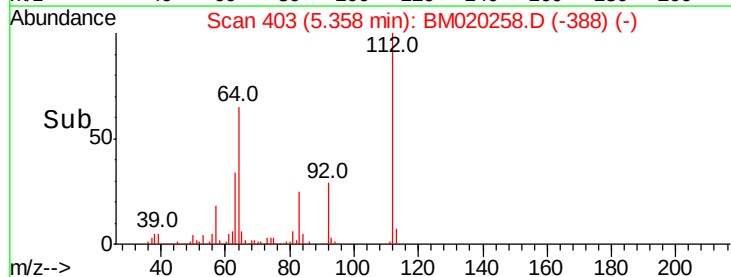


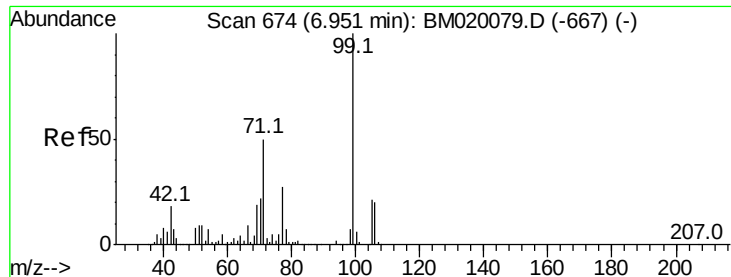
Abundance

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: 107.184 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM020258.D

Acq: 11 May 2019 02:42

Instrument :

BNA_M

ClientSampleId :

RBR-200035

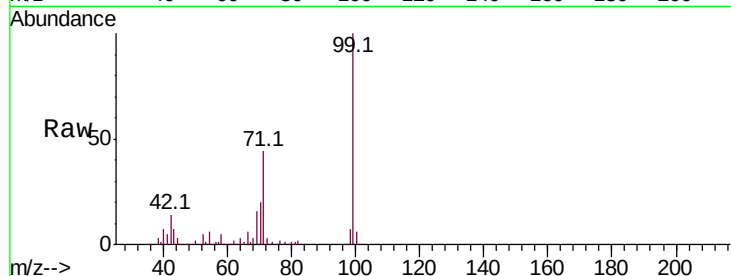
Tot Ion: 99 Resp: 824027

Ion Ratio Lower Upper

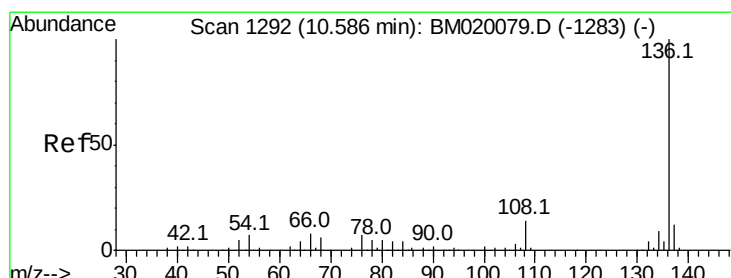
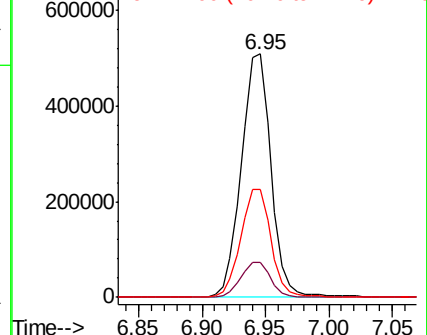
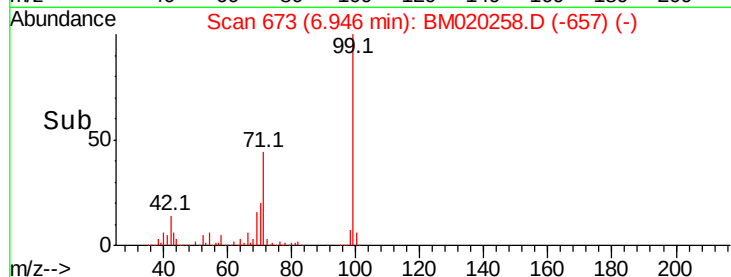
99 100

42 14.2 14.2 21.2

71 44.3 40.3 60.5



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: 10.57 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BM020258.D

Acq: 11 May 2019 02:42

Tgt Ion: 136 Resp: 365986

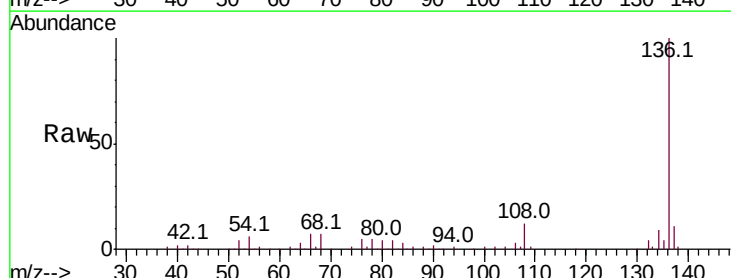
Ion Ratio Lower Upper

136 100

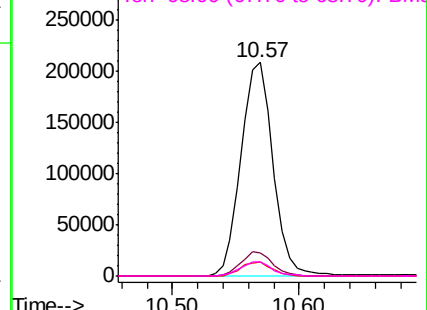
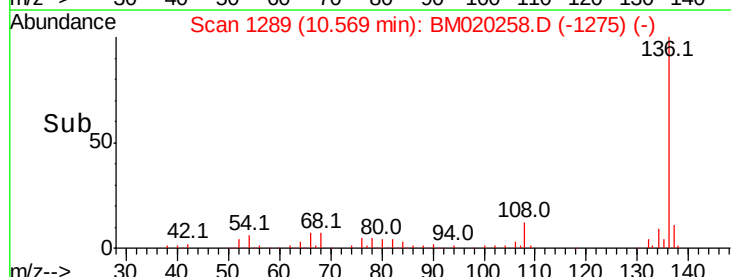
137 10.8 9.6 14.4

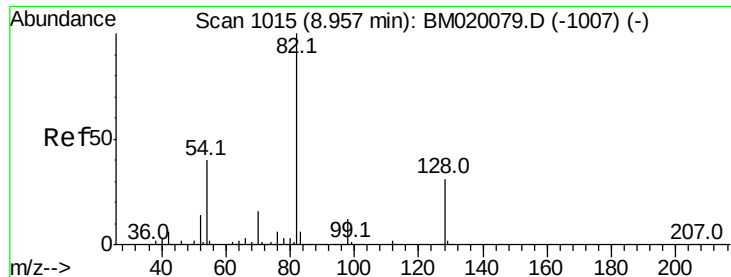
54 6.3 5.5 8.3

68 6.7 4.6 6.8



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: 61.885 ng

RT: 8.94 min Scan# 1012

Delta R.T. -0.02 min

Lab File: BM020258.D

Acq: 11 May 2019 02:42

Instrument :

BNA_M

ClientSampleId :

RBR-200035

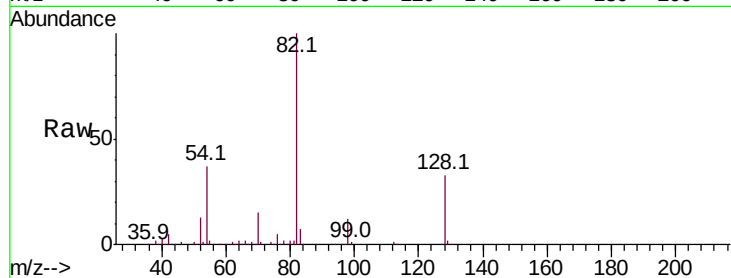
Tot Ion: 82 Resp: 573681

Ion Ratio Lower Upper

82 100

128 33.1 25.2 37.8

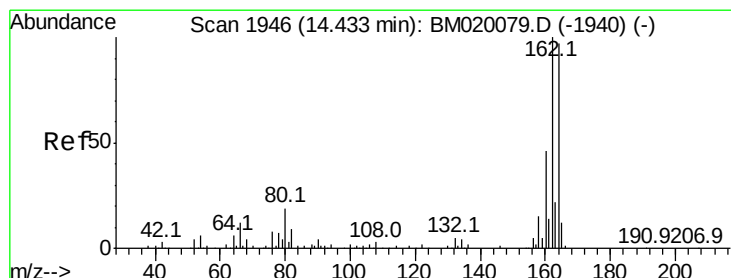
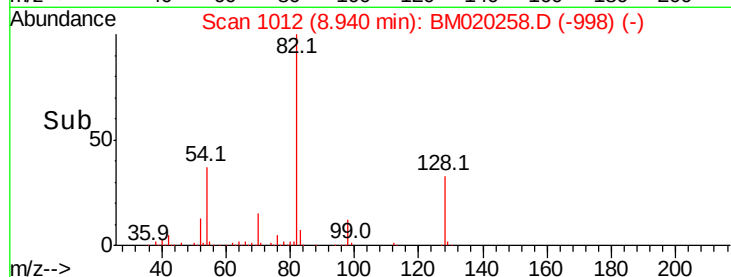
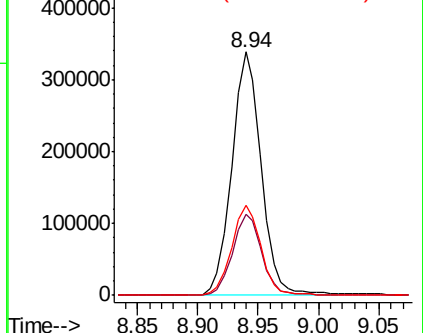
54 36.9 31.9 47.9



Abundance Ion 82.00 (81.70 to 82.70): BM020079.D (-1007) (-)

Ion 128.00 (127.70 to 128.70): BM020079.D (-1007) (-)

Ion 54.00 (53.70 to 54.70): BM020079.D (-1007) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.42 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BM020258.D

Acq: 11 May 2019 02:42

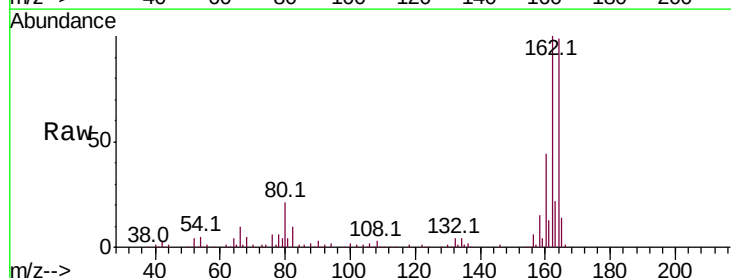
Tgt Ion: 164 Resp: 244067

Ion Ratio Lower Upper

164 100

162 101.2 82.2 123.2

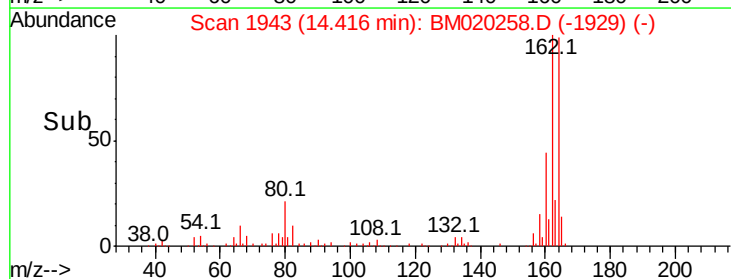
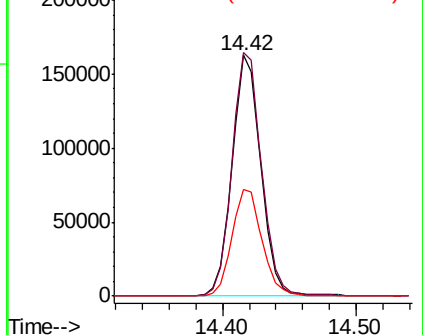
160 44.5 37.6 56.4

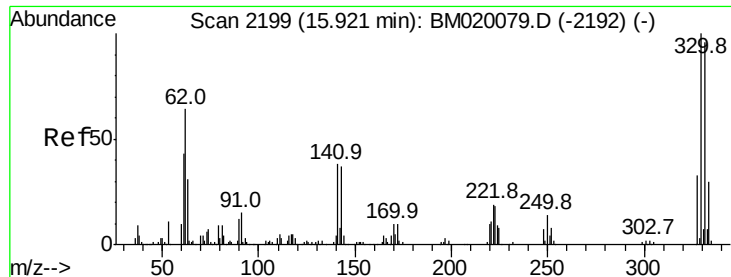


Abundance Ion 164.00 (163.70 to 164.70): BM020079.D (-1940) (-)

Ion 162.00 (161.70 to 162.70): BM020079.D (-1940) (-)

Ion 160.00 (159.70 to 160.70): BM020079.D (-1940) (-)





#42

2,4,6-Tribromophenol

Concen: 106.401 ng

RT: 15.91 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BM020258.D

Acq: 11 May 2019 02:42

Instrument :

BNA_M

ClientSampleId :

RBR-200035

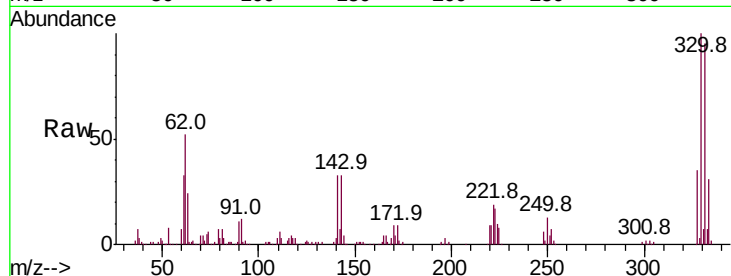
Tot Ion:330 Resp: 403088

Ion Ratio Lower Upper

330 100

332 96.3 76.8 115.2

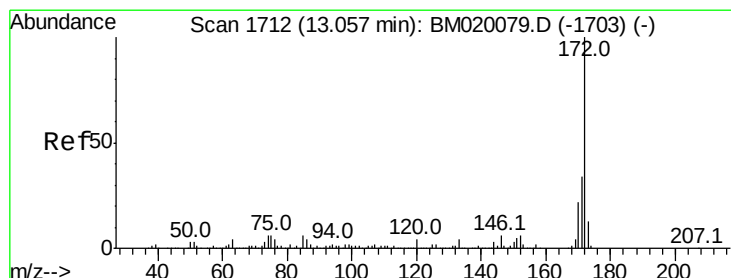
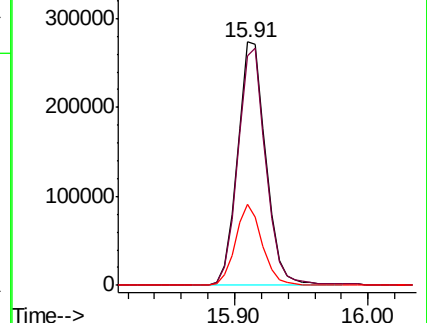
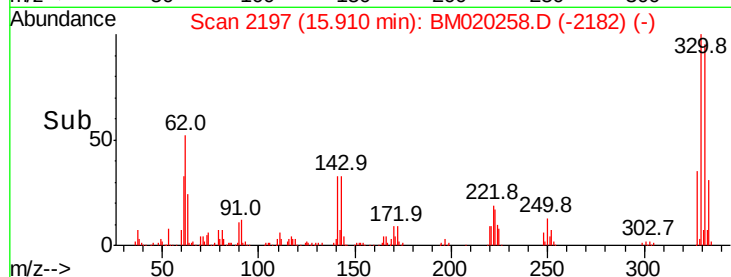
141 32.0 29.2 43.8



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: 60.278 ng

RT: 13.03 min Scan# 1708

Delta R.T. -0.02 min

Lab File: BM020258.D

Acq: 11 May 2019 02:42

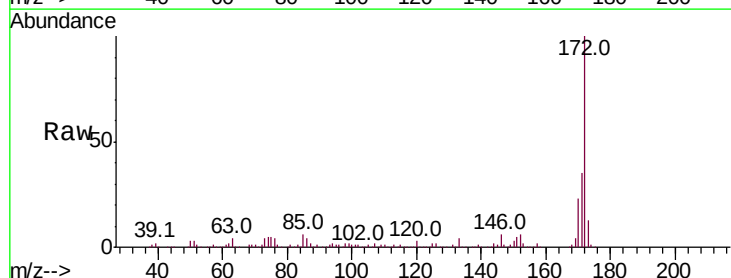
Tgt Ion:172 Resp: 1195729

Ion Ratio Lower Upper

172 100

171 34.8 27.3 40.9

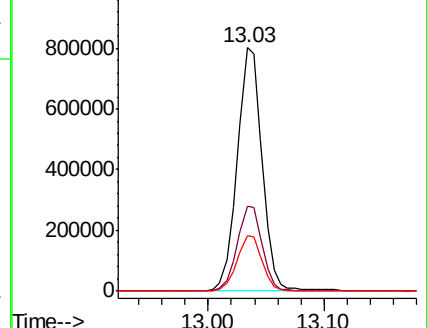
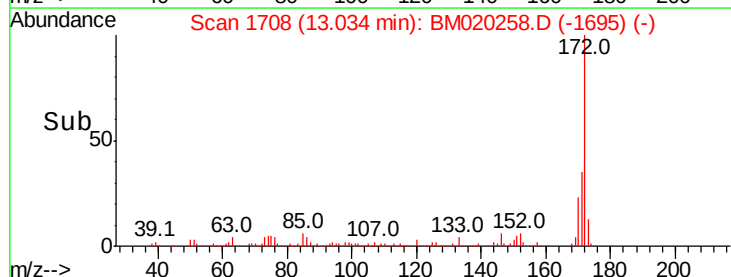
170 22.8 17.9 26.9

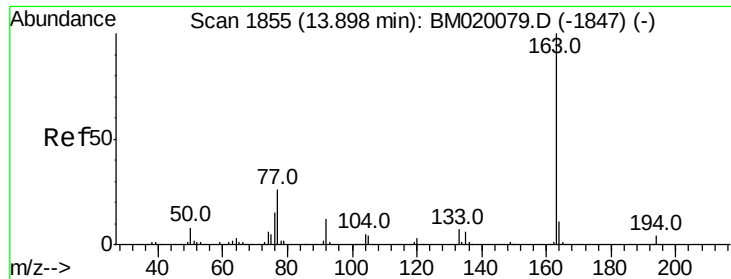


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 7.594 ng

RT: 13.87 min Scan# 1851

Delta R.T. -0.02 min

Lab File: BM020258.D

Acq: 11 May 2019 02:42

Instrument :

BNA_M

ClientSampleId :

RBR-200035

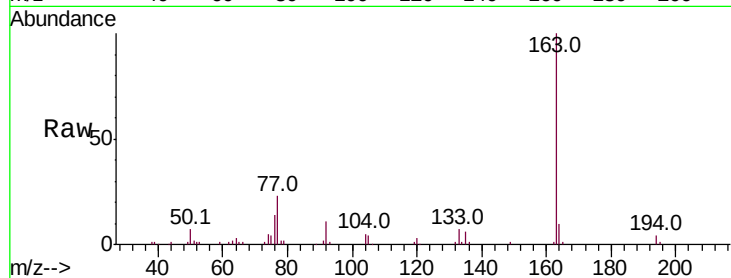
Tot Ion:163 Resp: 157530

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

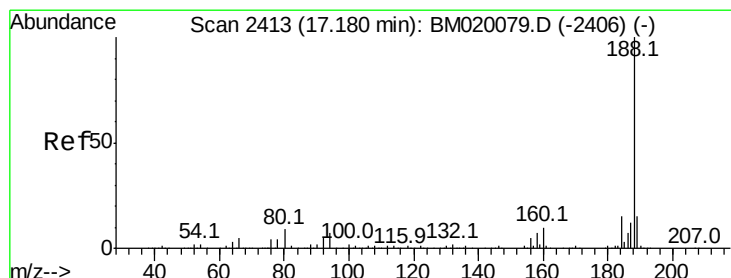
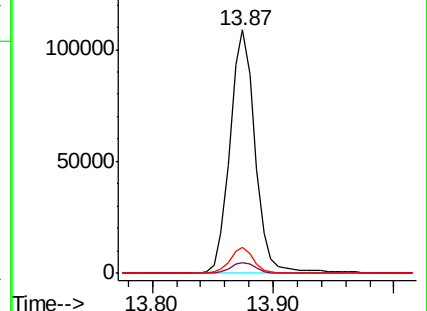
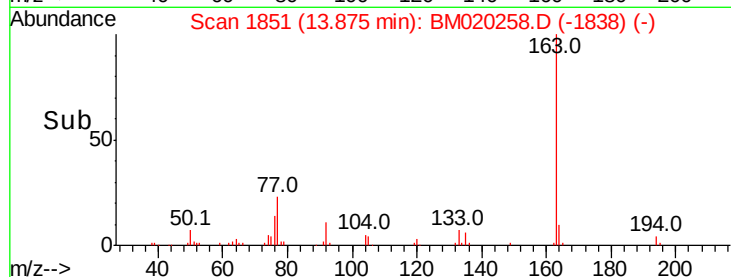
164 10.5 8.4 12.6



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: 17.17 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BM020258.D

Acq: 11 May 2019 02:42

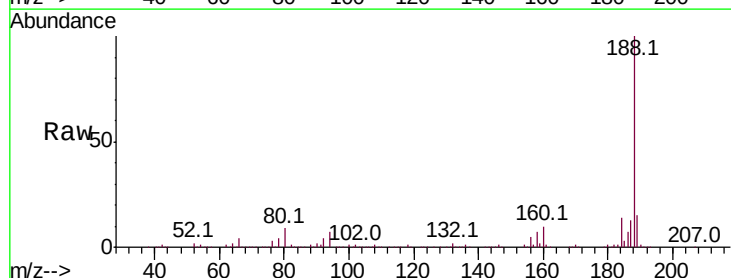
Tgt Ion:188 Resp: 609362

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.6

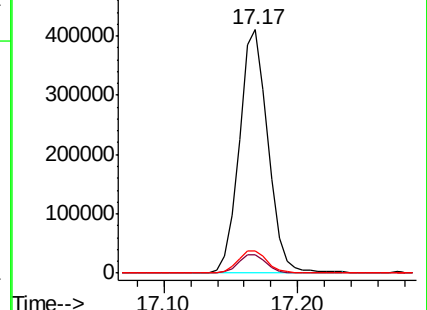
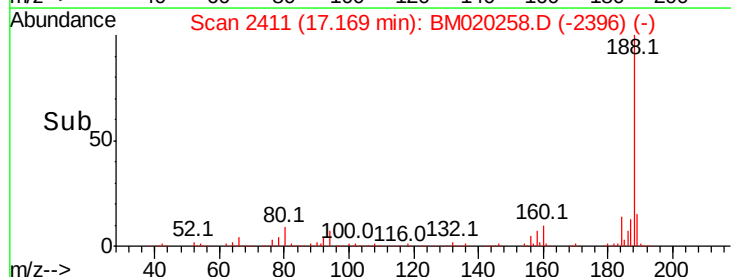
80 9.1 7.4 11.2

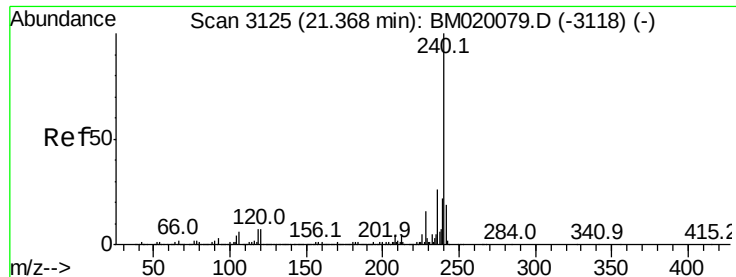


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

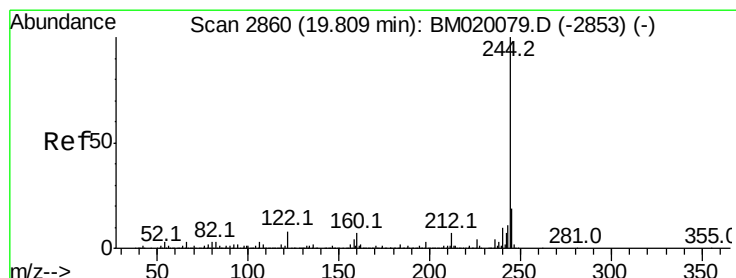
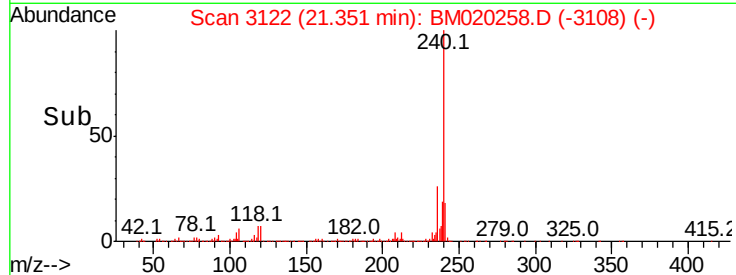
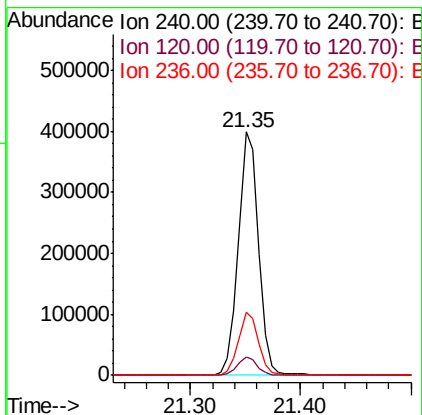
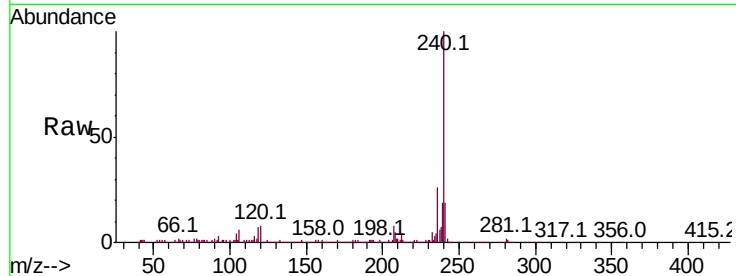




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.35 min Scan# 3122
 Delta R.T. -0.02 min
 Lab File: BM020258.D
 Acq: 11 May 2019 02:42

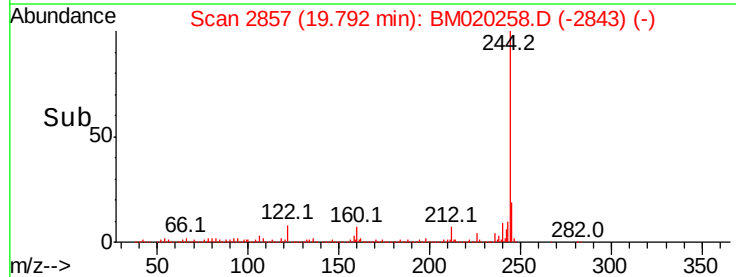
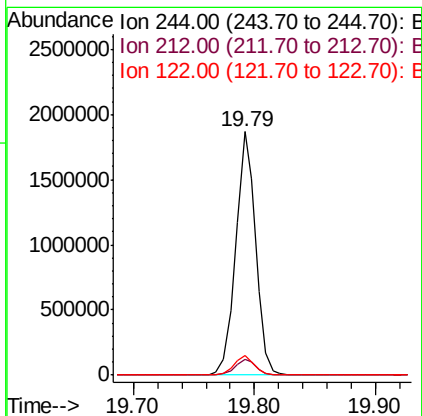
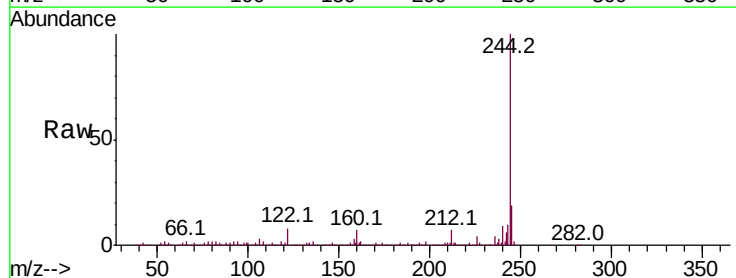
Instrument :
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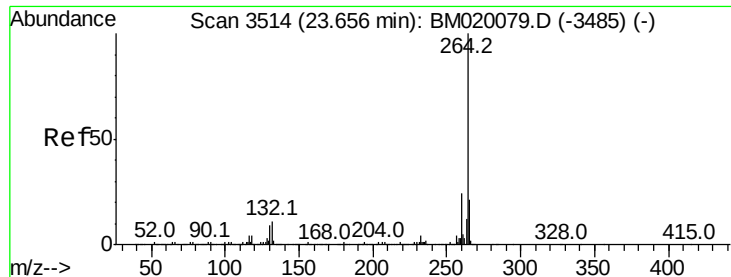
Tot Ion:240 Resp: 516639
 Ion Ratio Lower Upper
 240 100
 120 7.6 5.6 8.4
 236 26.1 20.9 31.3



#79
 Terphenyl-d14
 Concen: 72.401 ng
 RT: 19.79 min Scan# 2857
 Delta R.T. -0.02 min
 Lab File: BM020258.D
 Acq: 11 May 2019 02:42

Tgt Ion:244 Resp: 2144531
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 7.8 6.2 9.2





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.64 min Scan# 3511
 Delta R.T. -0.02 min
 Lab File: BM020258.D
 Acq: 11 May 2019 02:42

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200035

Tot Ion:264	Resp:	498917
Ion	Ratio	Lower Upper
264	100	
260	22.4	19.2 28.8
265	22.0	16.9 25.3

