

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\
 Data File : BM020622.D
 Acq On : 30 May 2019 07:36
 Operator : JU/SJ
 Sample : K2945-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OH55-3E-2SB-2CTR2-GY-G1

Quant Time: May 30 13:55:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 02:15:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	49704	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	125415	20.00	ng	0.00
39) Acenaphthene-d10	14.28	164	84099	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	196678	20.00	ng	0.00
76) Chrysene-d12	21.24	240	273753	20.00	ng	0.00
87) Perylene-d12	23.46	264	357103	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	414350	163.54	ng	0.00
7) Phenol-d6	6.80	99	434288	113.57	ng	0.00
23) Nitrobenzene-d5	8.80	82	339773	113.71	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	274345	162.83	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	732852	109.35	ng	0.00
79) Terphenyl-d14	19.67	244	1618372	106.87	ng	0.00

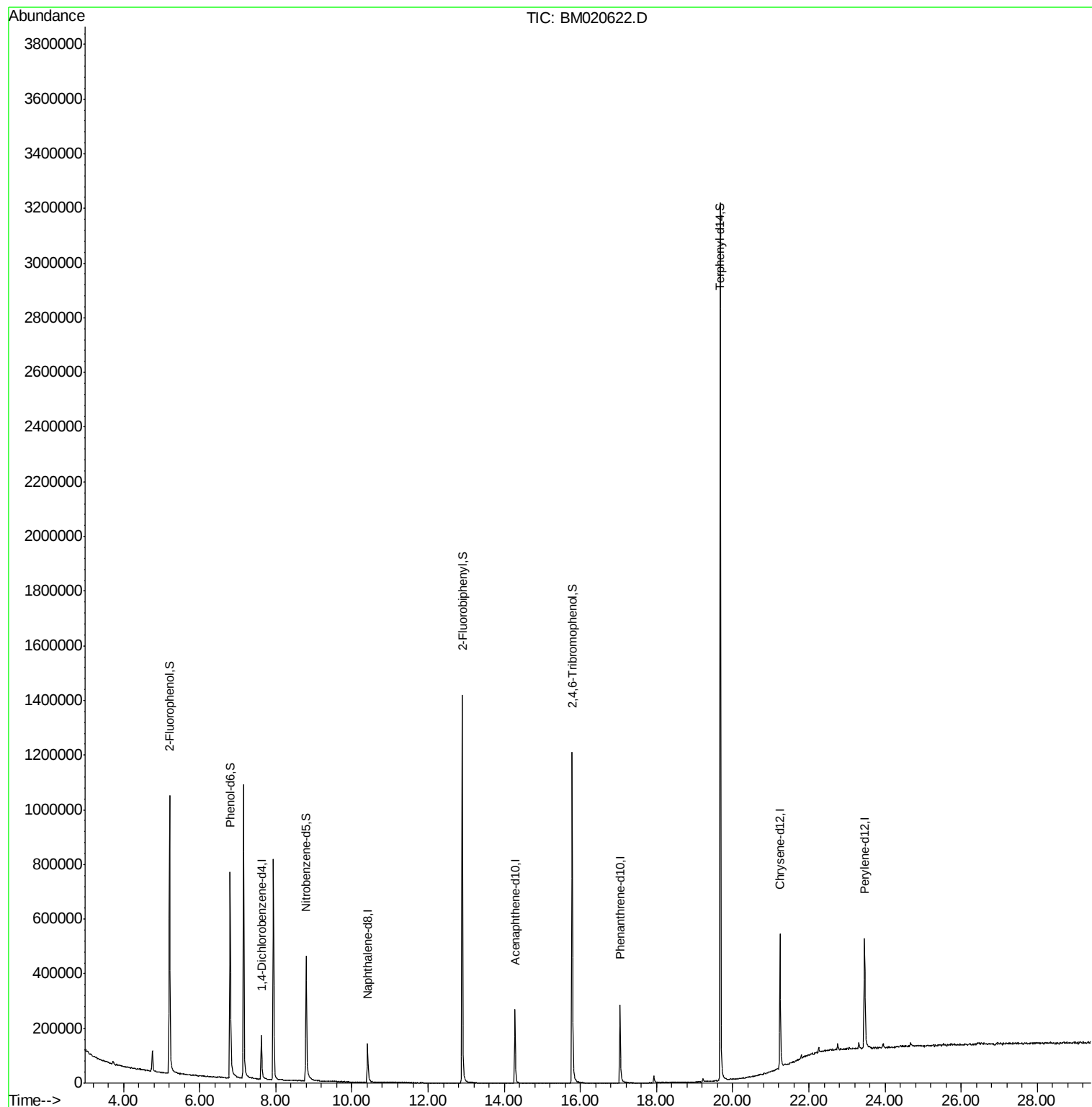
Target Compounds Qvalue

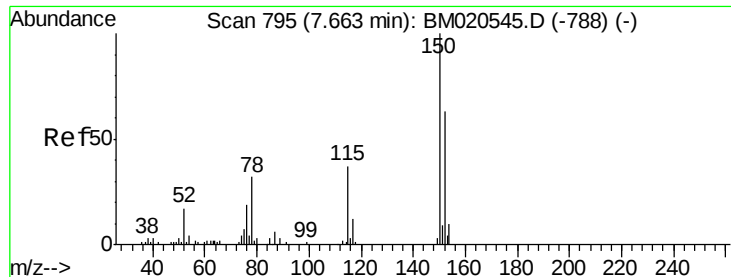
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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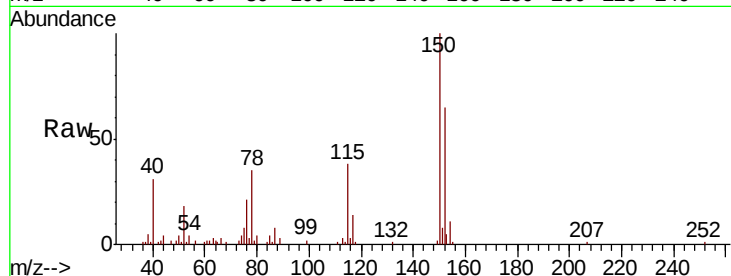


#1

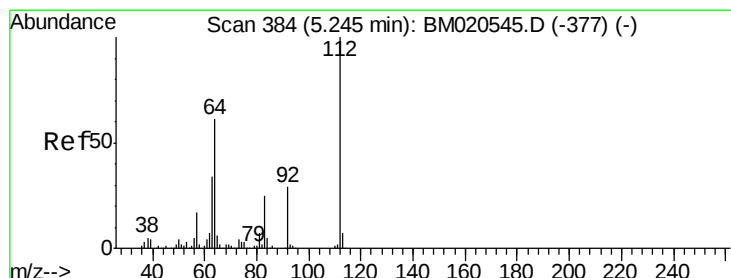
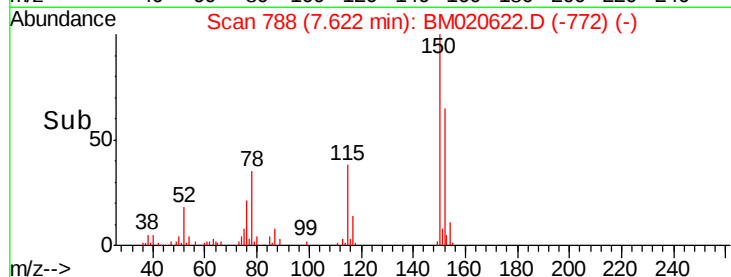
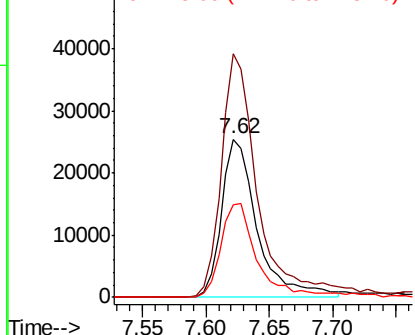
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 788
Delta R.T. -0.01 min
Lab File: BM020622.D
Acq: 30 May 2019 07:36

Instrument :
BNA_M
ClientSampleId :
OH55-3E-2SB-2CTR2-GY-G1

Tot Ion:152 Resp: 49704
Ion Ratio Lower Upper
152 100
150 153.9 126.6 190.0
115 58.7 46.6 70.0



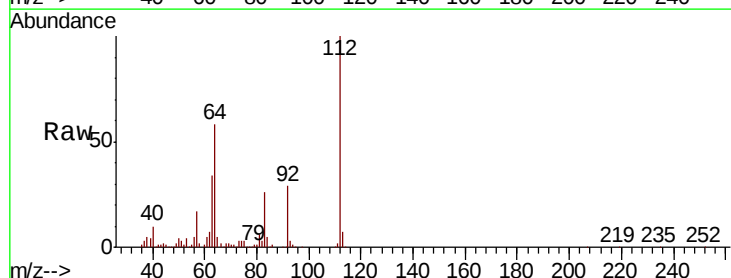
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



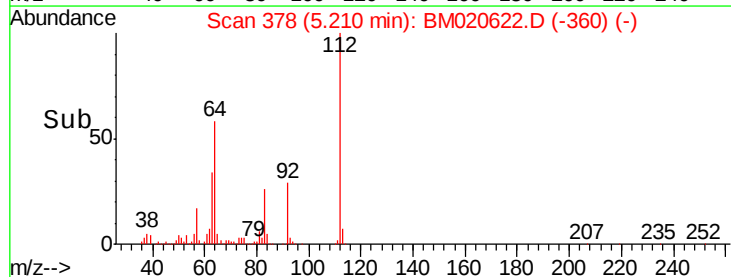
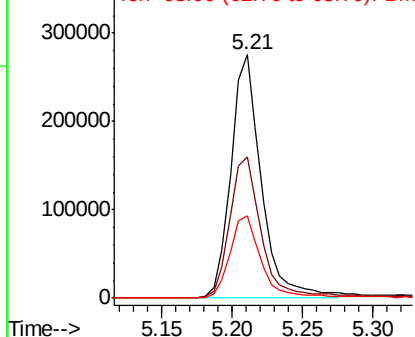
#5

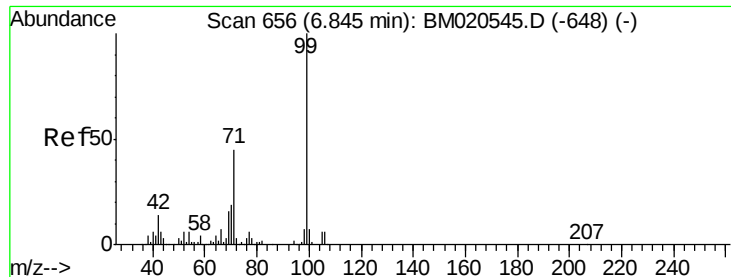
2-Fluorophenol
Concen: 163.544 ng
RT: 5.21 min Scan# 378
Delta R.T. 0.01 min
Lab File: BM020622.D
Acq: 30 May 2019 07:36

Tgt Ion:112 Resp: 414350
Ion Ratio Lower Upper
112 100
64 58.1 48.6 73.0
63 34.1 27.4 41.0



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: 113.568 ng

RT: 6.80 min Scan# 649

Delta R.T. -0.00 min

Lab File: BM020622.D

Acq: 30 May 2019 07:36

Instrument :

BNA_M

ClientSampleId :

OH55-3E-2SB-2CTR2-GY-G1

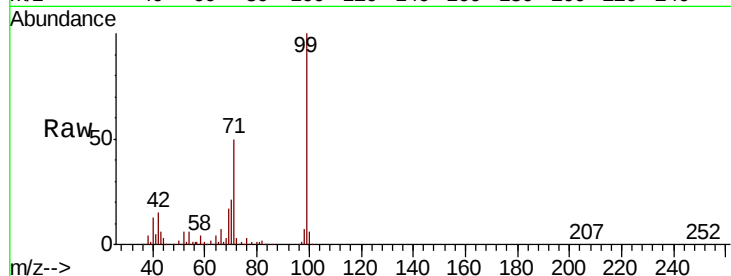
Tot Ion: 99 Resp: 434288

Ion Ratio Lower Upper

99 100

42 14.9 10.8 16.2

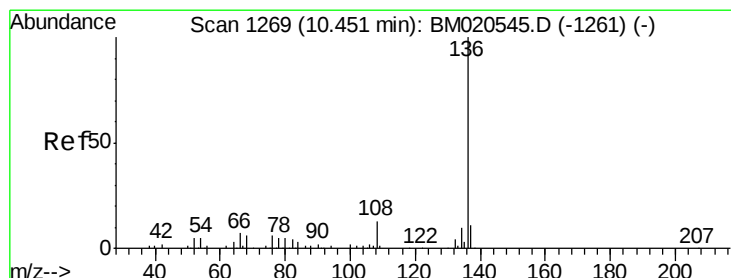
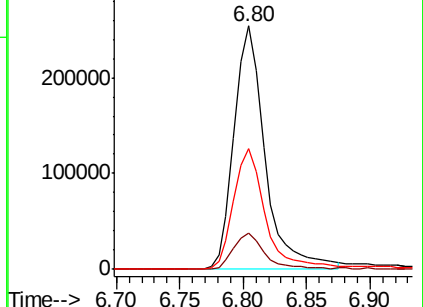
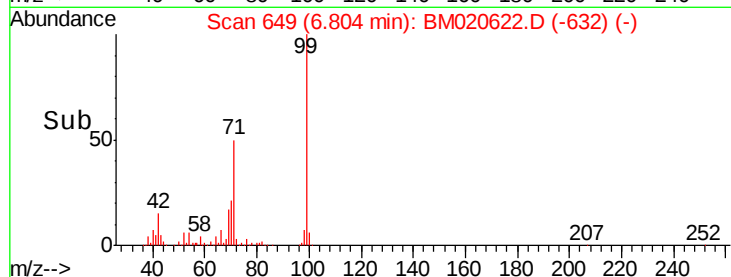
71 49.7 36.3 54.5



Abundance Ion 99.00 (98.70 to 99.70): BM020622.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM020622.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM020622.D (-632) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BM020622.D

Acq: 30 May 2019 07:36

Tgt Ion: 136 Resp: 125415

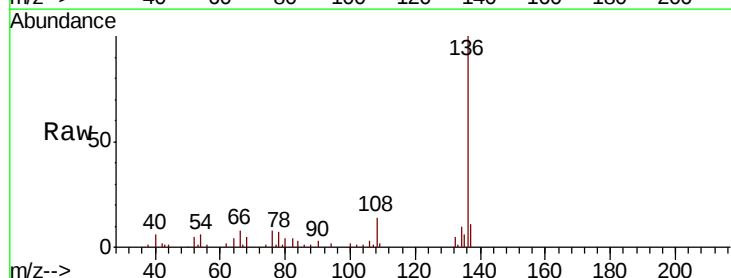
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 5.7 4.2 6.4

68 5.1 4.6 7.0

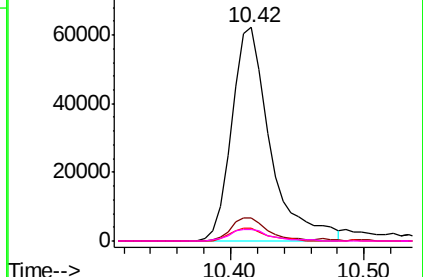
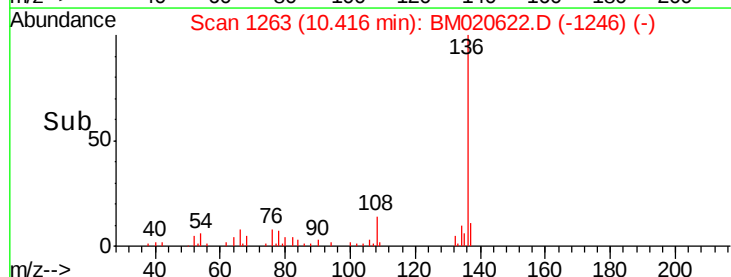


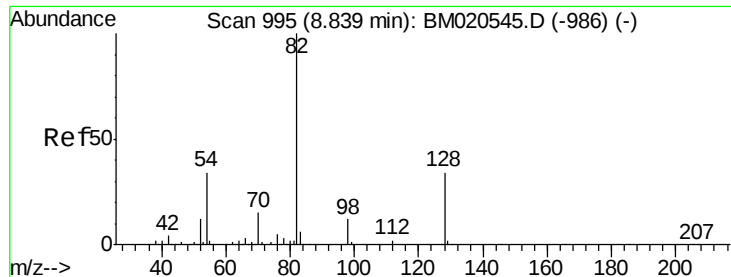
Abundance Ion 136.00 (135.70 to 136.70): BM020622.D (-1246) (-)

Ion 137.00 (136.70 to 137.70): BM020622.D (-1246) (-)

Ion 54.00 (53.70 to 54.70): BM020622.D (-1246) (-)

Ion 68.00 (67.70 to 68.70): BM020622.D (-1246) (-)

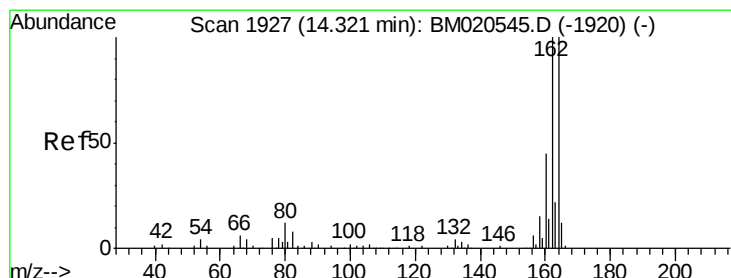
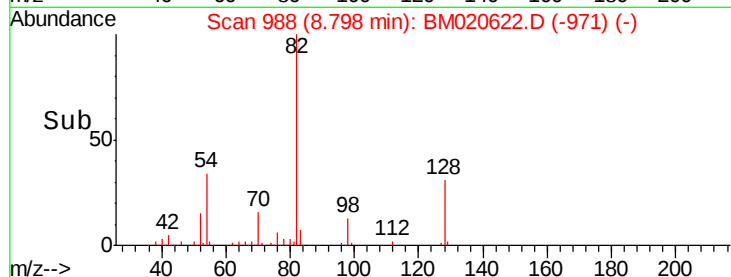
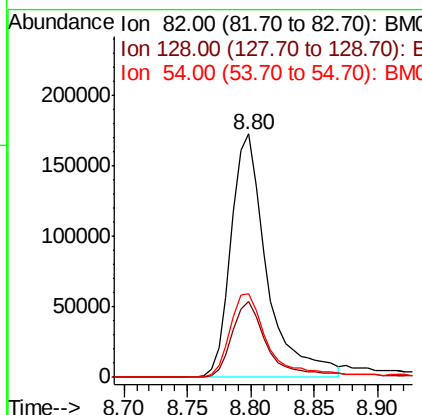
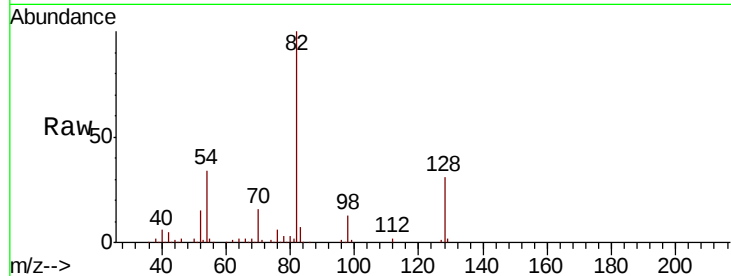




#23
 Nitrobenzene-d5
 Concen: 113.713 ng
 RT: 8.80 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BM020622.D
 Acq: 30 May 2019 07:36

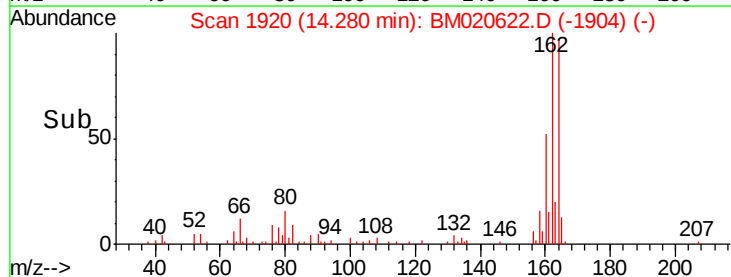
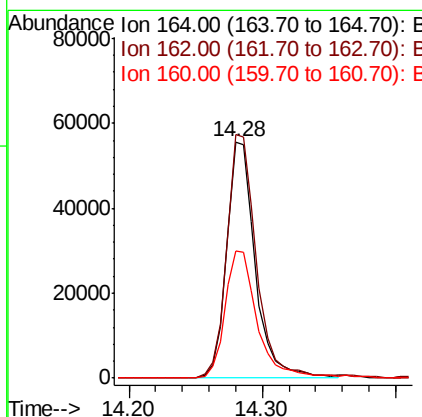
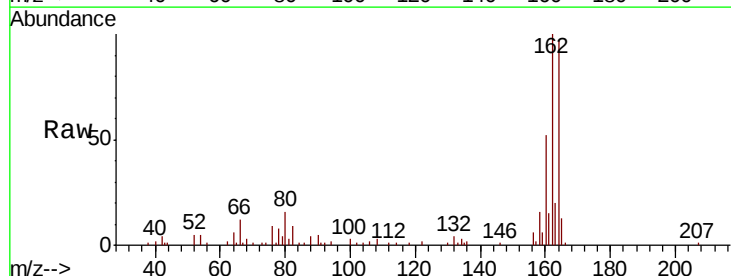
Instrument :
 BNA_M
 ClientSampleId :
 OH55-3E-2SB-2CTR2-GY-G1

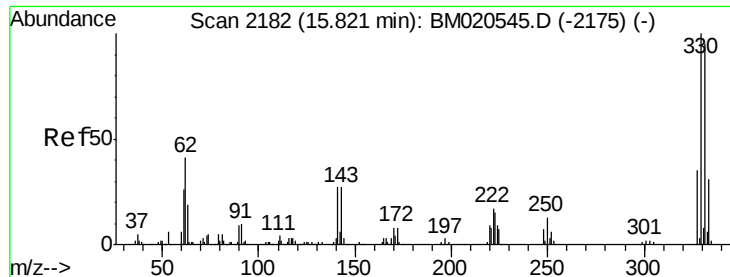
Tot Ion	82	Resp	339773
Ion Ratio	Lower	Upper	
82	100		
128	31.1	27.0	40.4
54	34.3	27.4	41.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.28 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BM020622.D
 Acq: 30 May 2019 07:36

Tgt Ion	164	Resp	84099
Ion Ratio	Lower	Upper	
164	100		
162	103.2	79.8	119.8
160	54.1	35.9	53.9#





#42

2,4,6-Tribromophenol

Concen: 162.826 ng

RT: 15.79 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BM020622.D

Acq: 30 May 2019 07:36

Instrument :

BNA_M

ClientSampleId :

OH55-3E-2SB-2CTR2-GY-G1

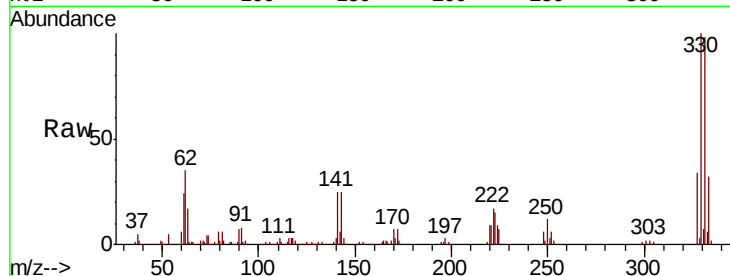
Tot Ion:330 Resp: 274345

Ion Ratio Lower Upper

330 100

332 96.3 77.5 116.3

141 26.9 21.7 32.5

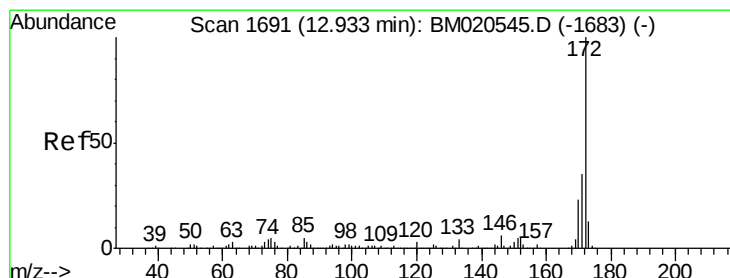
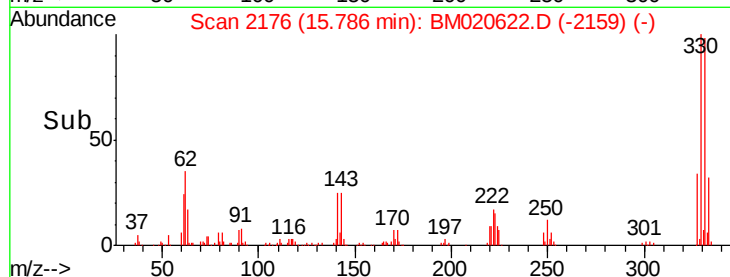
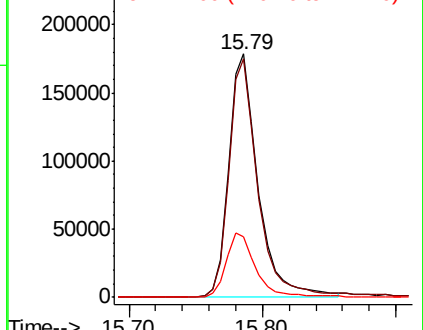


Abundance

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: 109.346 ng

RT: 12.90 min Scan# 1685

Delta R.T. -0.00 min

Lab File: BM020622.D

Acq: 30 May 2019 07:36

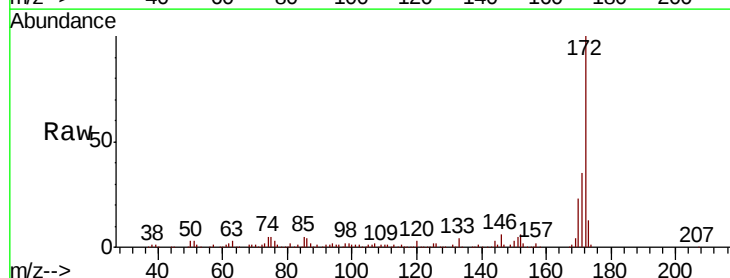
Tgt Ion:172 Resp: 732852

Ion Ratio Lower Upper

172 100

171 35.4 27.9 41.9

170 23.2 18.2 27.4

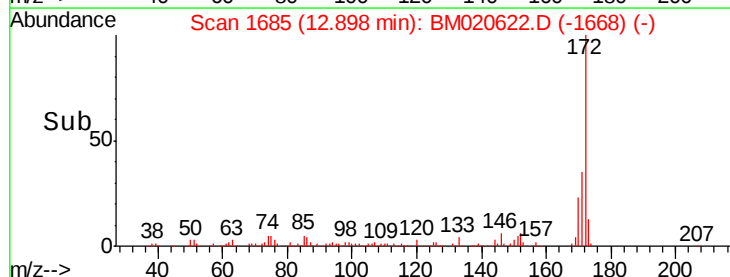
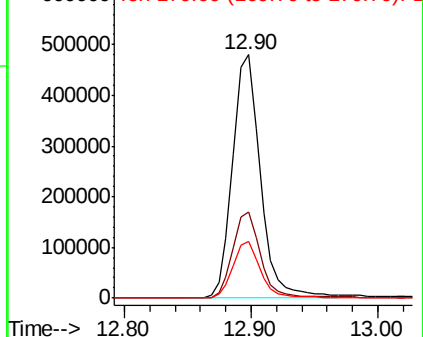


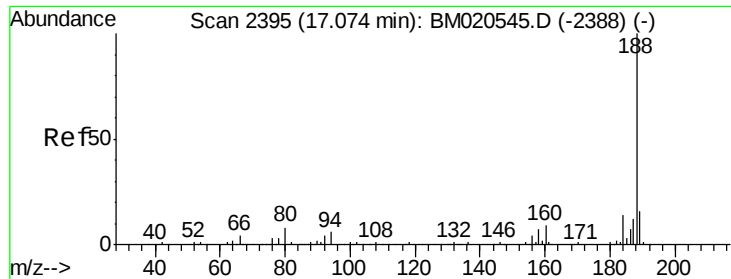
Abundance

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

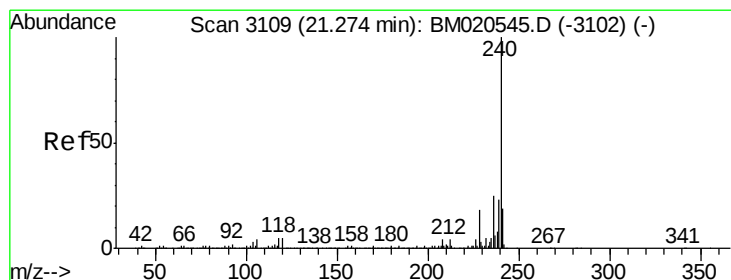
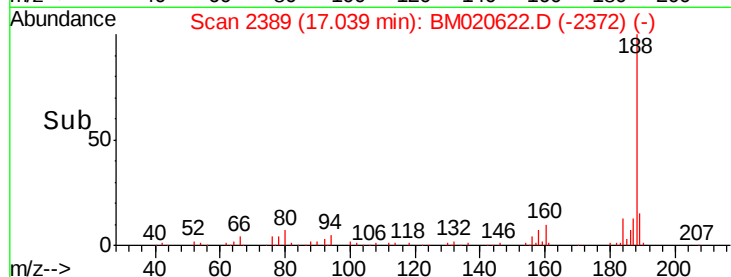
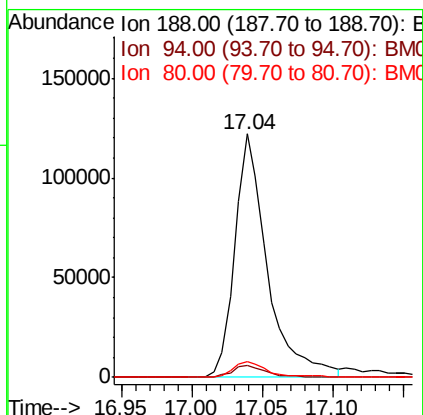
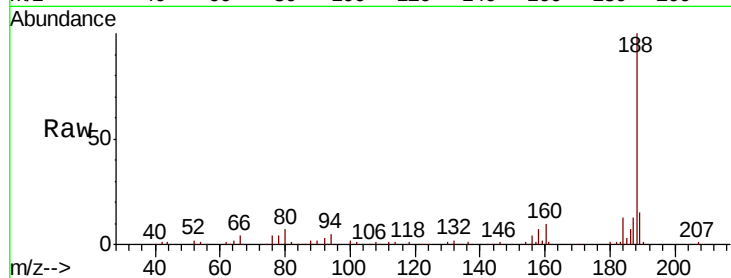




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2389
Delta R.T. -0.00 min
Lab File: BM020622.D
Acq: 30 May 2019 07:36

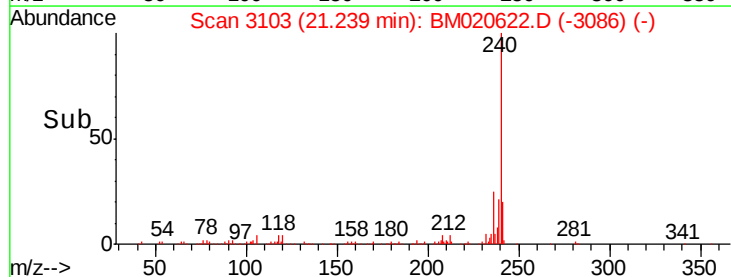
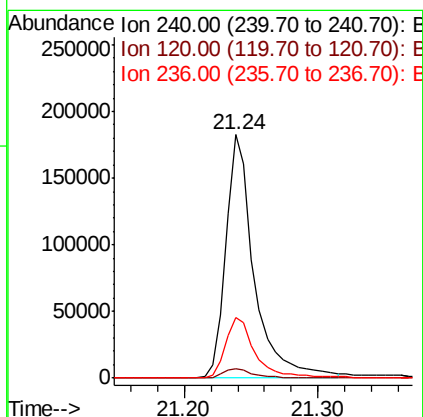
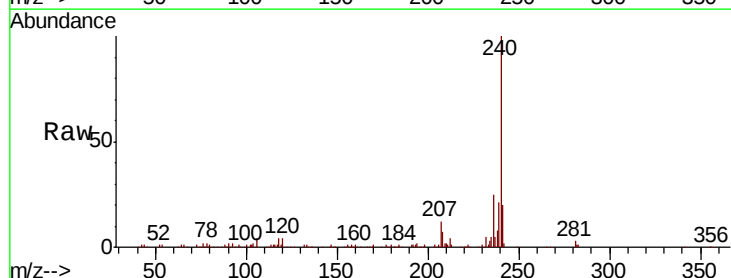
Instrument :
BNA_M
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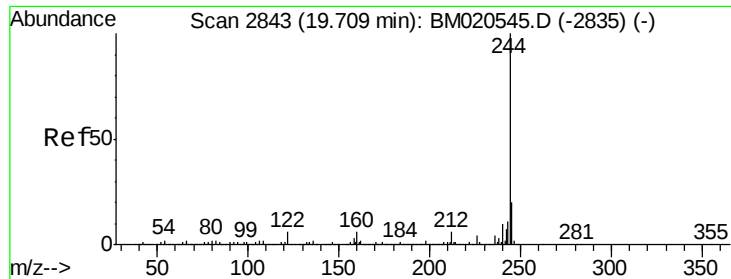
Tot Ion:188 Resp: 196678
Ion Ratio Lower Upper
188 100
94 4.8 5.0 7.4#
80 6.6 6.5 9.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.24 min Scan# 3103
Delta R.T. -0.00 min
Lab File: BM020622.D
Acq: 30 May 2019 07:36

Tgt Ion:240 Resp: 273753
Ion Ratio Lower Upper
240 100
120 4.1 4.1 6.1
236 24.9 20.2 30.4





#79

Terphenyl-d14

Concen: 106.872 ng

RT: 19.67 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BM020622.D

Acq: 30 May 2019 07:36

Instrument :

BNA_M

ClientSampleId :

OH55-3E-2SB-2CTR2-GY-G1

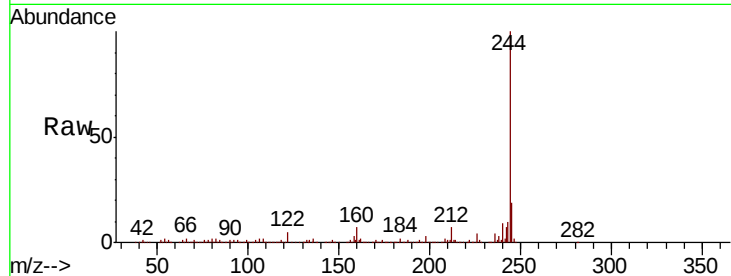
Tot Ion:244 Resp: 1618372

Ion Ratio Lower Upper

244 100

212 7.1 5.0 7.6

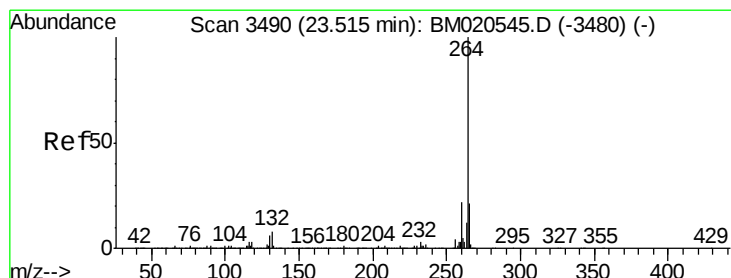
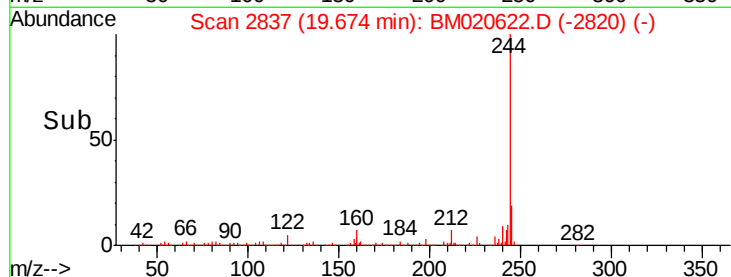
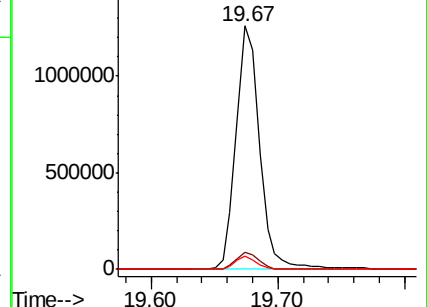
122 5.3 4.6 7.0



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: 23.46 min Scan# 3481

Delta R.T. -0.00 min

Lab File: BM020622.D

Acq: 30 May 2019 07:36

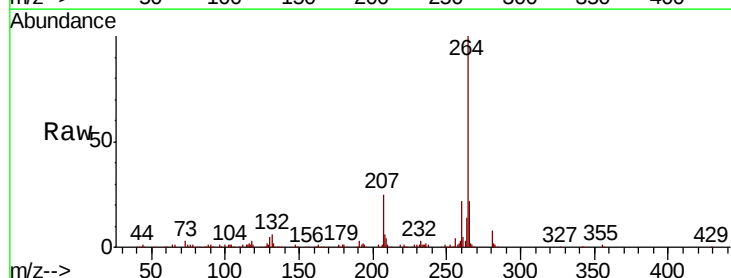
Tgt Ion:264 Resp: 357103

Ion Ratio Lower Upper

264 100

260 22.4 17.7 26.5

265 22.1 17.4 26.2



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

