

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\
 Data File : BM020618.D
 Acq On : 30 May 2019 03:43
 Operator : JU/SJ
 Sample : K3050-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 30 05:29:57 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	35647	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	105632	20.00	ng	0.00
39) Acenaphthene-d10	14.28	164	80681	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	203363	20.00	ng	0.00
76) Chrysene-d12	21.23	240	278166	20.00	ng	0.00
87) Perylene-d12	23.46	264	340822	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	76823	42.28	ng	0.00
7) Phenol-d6	6.80	99	51256	18.69	ng	0.00
23) Nitrobenzene-d5	8.79	82	258946	102.89	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	110443	68.33	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	609284	94.76	ng	0.00
79) Terphenyl-d14	19.67	244	1468126	95.41	ng	0.00

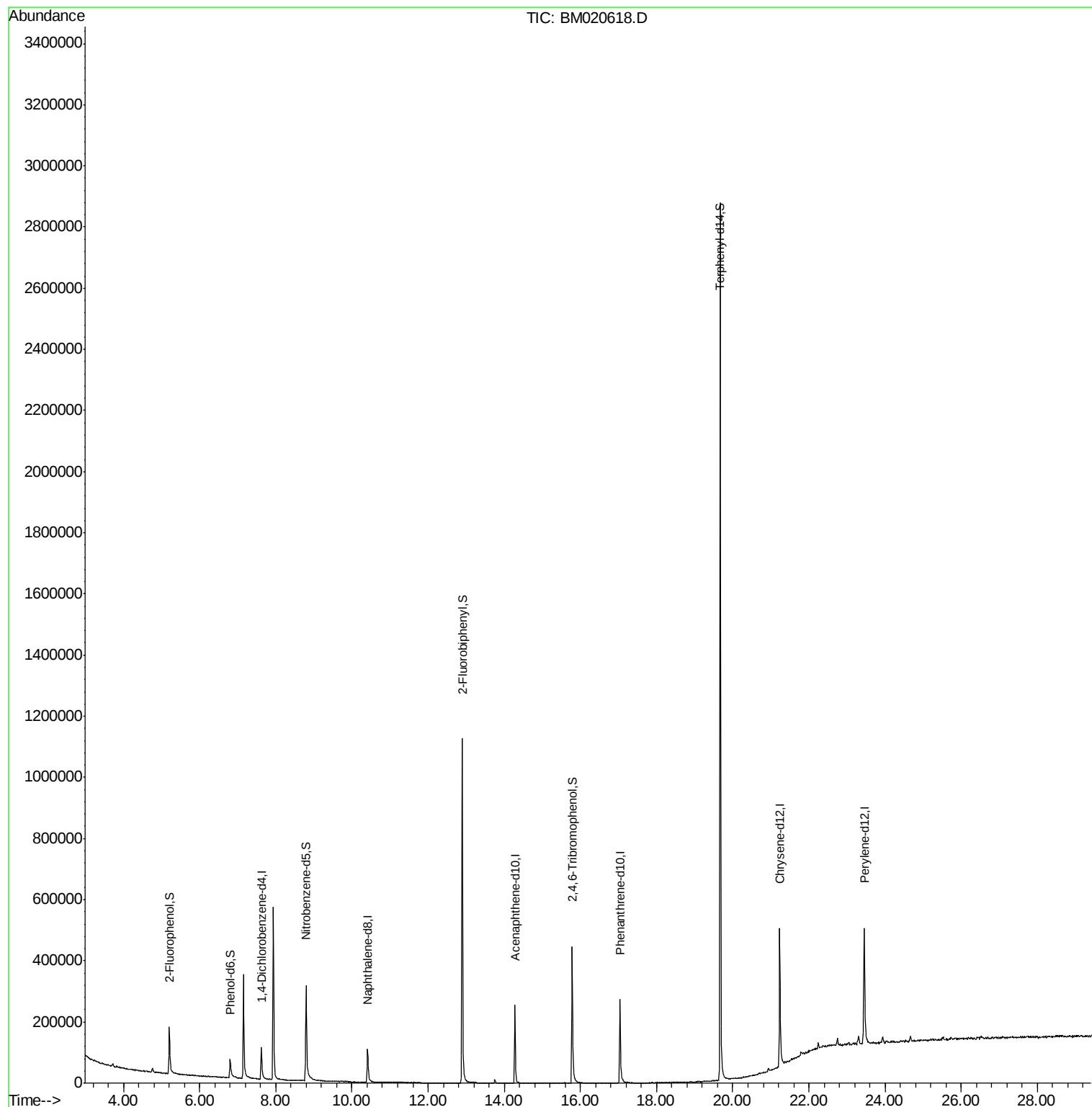
Target Compounds Qvalue

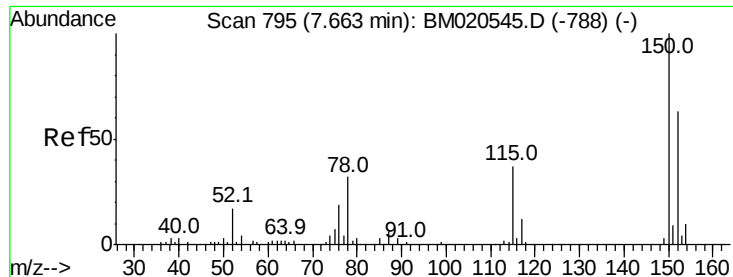
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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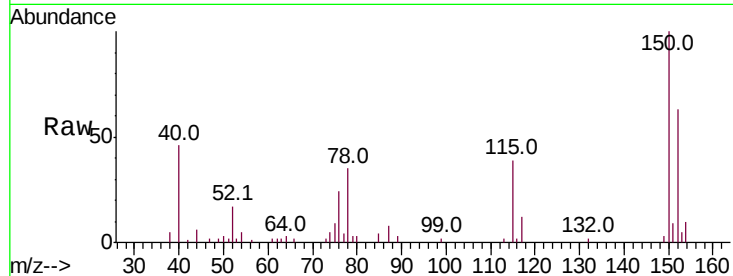


#1

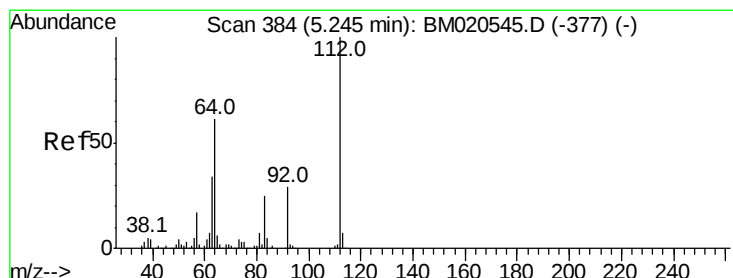
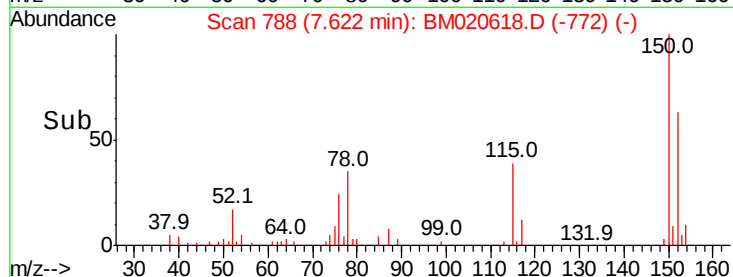
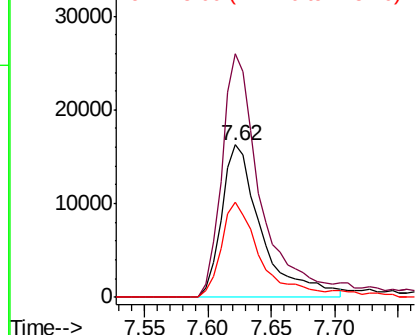
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 788
Delta R.T. -0.01 min
Lab File: BM020618.D
Acq: 30 May 2019 03:43

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 35647
Ion Ratio Lower Upper
152 100
150 159.7 126.6 190.0
115 62.3 46.6 70.0



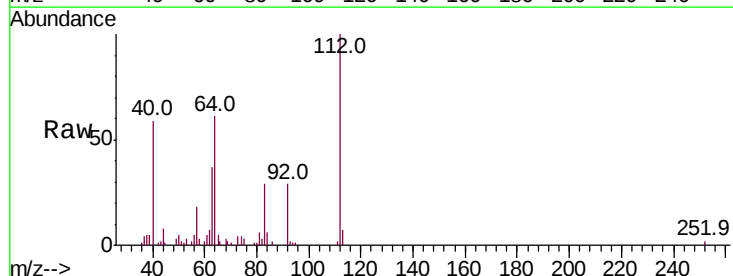
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



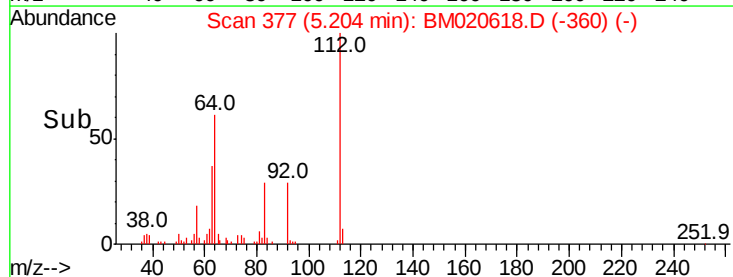
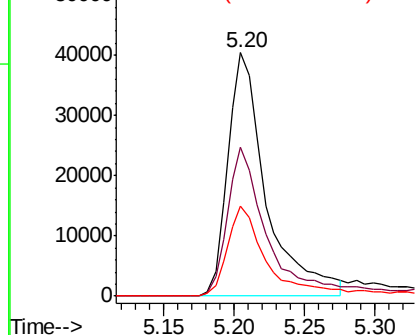
#5

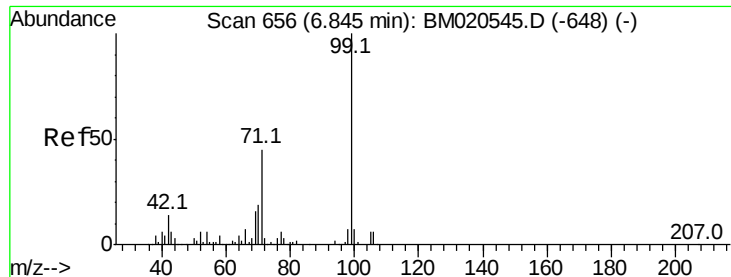
2-Fluorophenol
Concen: 42.279 ng
RT: 5.20 min Scan# 377
Delta R.T. -0.00 min
Lab File: BM020618.D
Acq: 30 May 2019 03:43

Tgt Ion:112 Resp: 76823
Ion Ratio Lower Upper
112 100
64 61.0 48.6 73.0
63 37.0 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: 18.689 ng

RT: 6.80 min Scan# 649

Delta R.T. -0.00 min

Lab File: BM020618.D

Acq: 30 May 2019 03:43

Instrument :

BNA_M

ClientSampled :

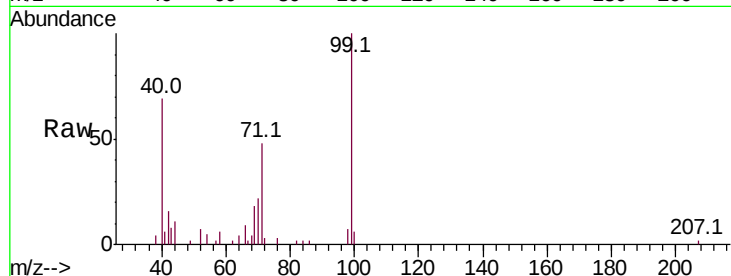
Tot Ion: 99 Resp: 51256

Ion Ratio Lower Upper

99 100

42 16.5 10.8 16.2#

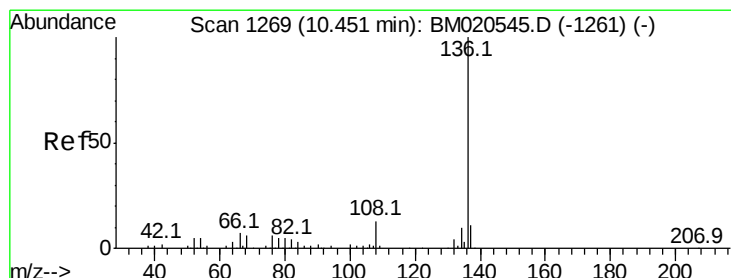
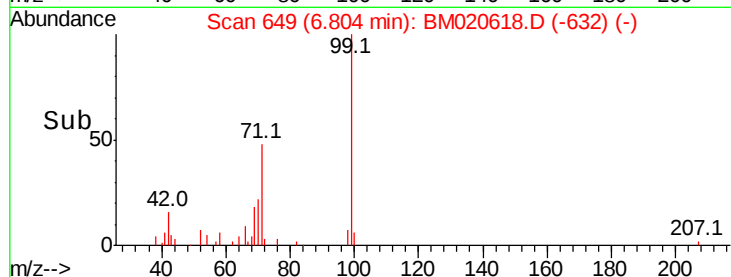
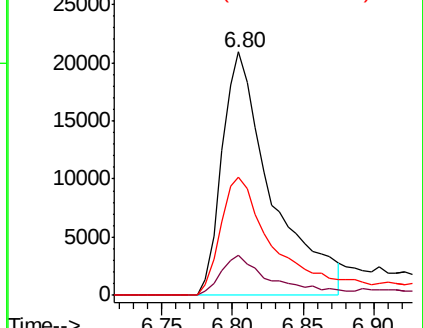
71 48.5 36.3 54.5



Abundance Ion 99.00 (98.70 to 99.70): BM020545.D (-648) (-)

Ion 42.00 (41.70 to 42.70): BM020545.D (-648) (-)

Ion 71.00 (70.70 to 71.70): BM020545.D (-648) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BM020618.D

Acq: 30 May 2019 03:43

Tgt Ion: 136 Resp: 105632

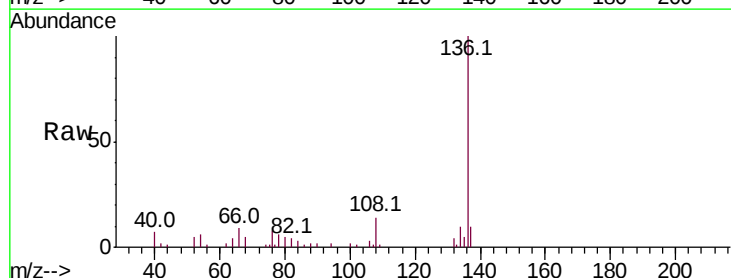
Ion Ratio Lower Upper

136 100

137 10.4 8.4 12.6

54 5.8 4.2 6.4

68 5.2 4.6 7.0

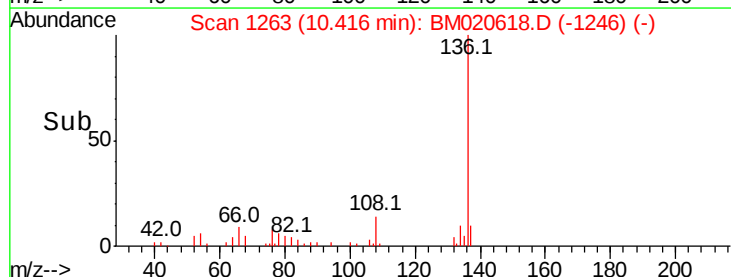
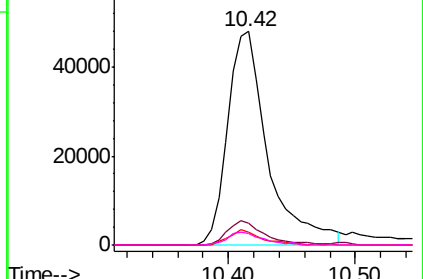


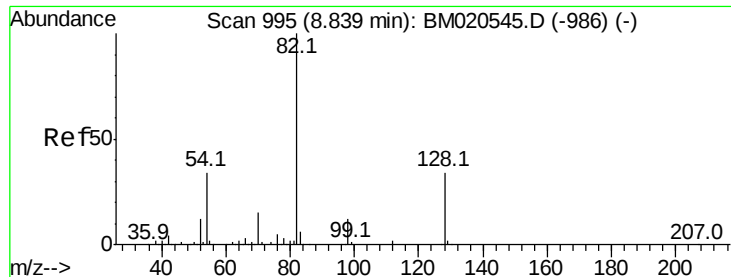
Abundance Ion 136.00 (135.70 to 136.70): BM020545.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM020545.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM020545.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM020545.D (-1261) (-)

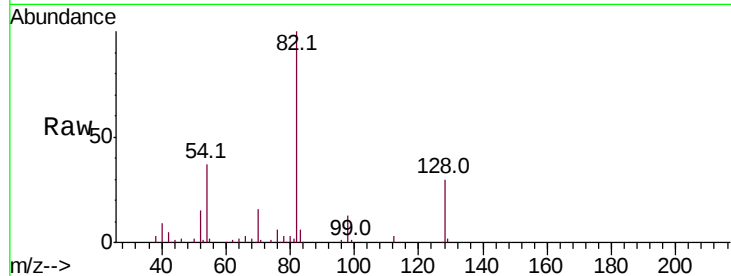




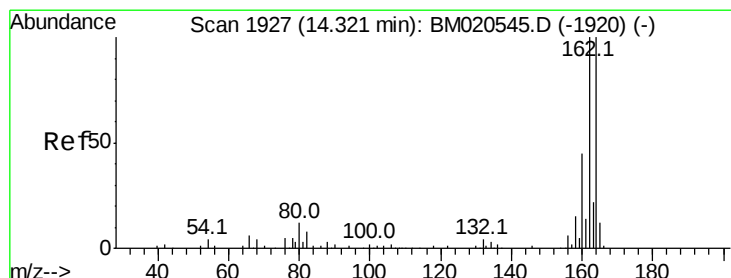
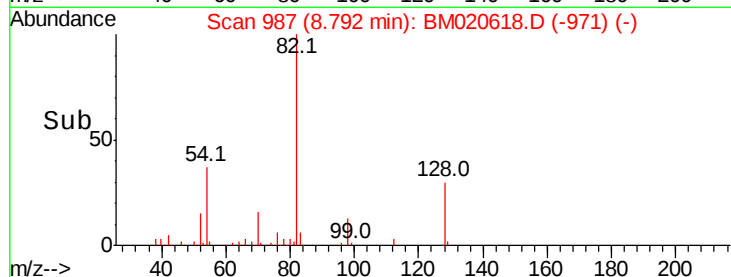
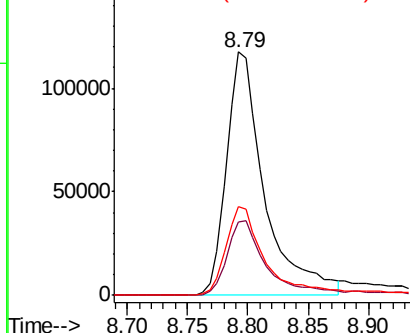
#23
Nitrobenzene-d5
Concen: 102.892 ng
RT: 8.79 min Scan# 987
Delta R.T. -0.01 min
Lab File: BM020618.D
Acq: 30 May 2019 03:43

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	30.0	27.0	40.4
54	36.6	27.4	41.2

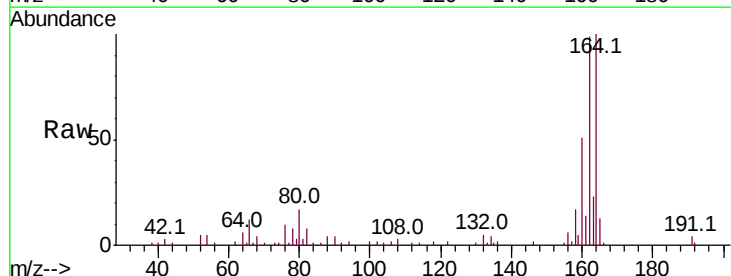


Abundance Ion 82.00 (81.70 to 82.70): BM020618.D (-987) (-)
Ion 128.00 (127.70 to 128.70): BM020618.D (-987) (-)
Ion 54.00 (53.70 to 54.70): BM020618.D (-987) (-)

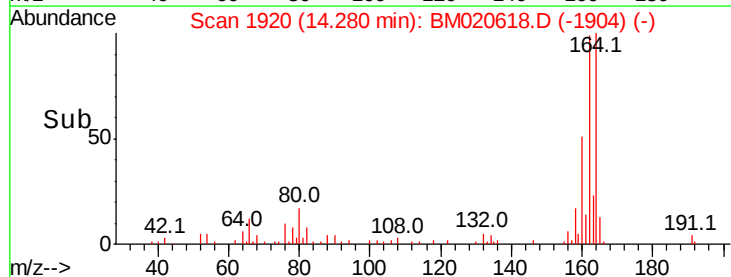
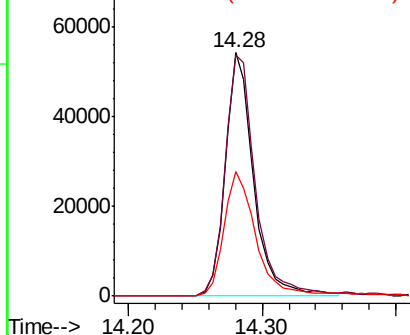


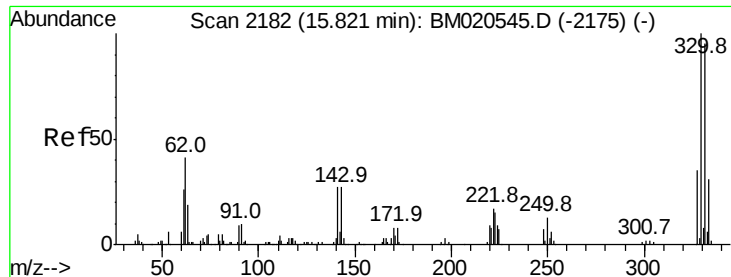
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.28 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BM020618.D
Acq: 30 May 2019 03:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.2	79.8	119.8
160	51.2	35.9	53.9



Abundance Ion 164.00 (163.70 to 164.70): BM020618.D (-1904) (-)
Ion 162.00 (161.70 to 162.70): BM020618.D (-1904) (-)
Ion 160.00 (159.70 to 160.70): BM020618.D (-1904) (-)





#42

2,4,6-Tribromophenol

Concen: 68.326 ng

RT: 15.79 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BM020618.D

Acq: 30 May 2019 03:43

Instrument :

BNA_M

ClientSampleId :

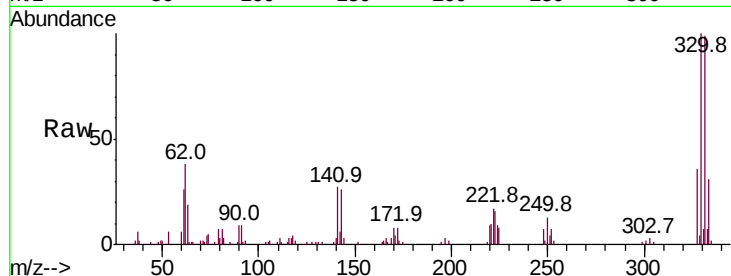
Tot Ion:330 Resp: 110443

Ion Ratio Lower Upper

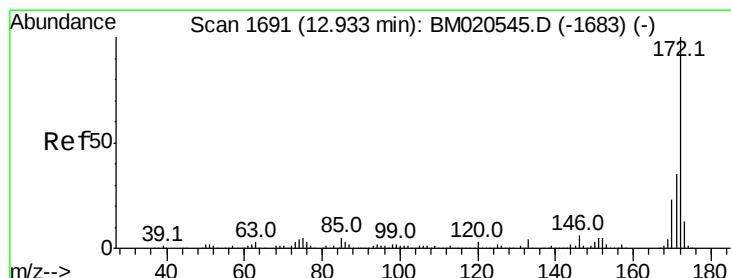
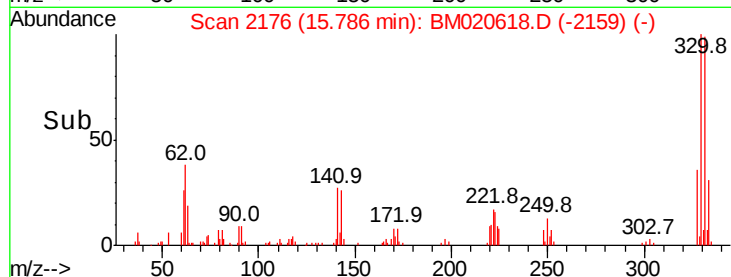
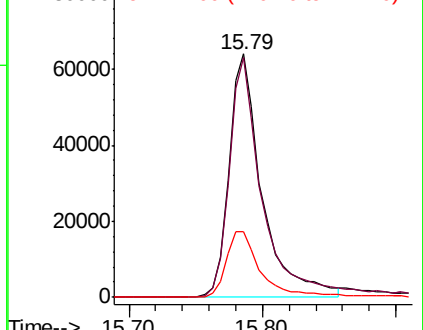
330 100

332 96.8 77.5 116.3

141 28.3 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: 94.760 ng

RT: 12.90 min Scan# 1685

Delta R.T. -0.00 min

Lab File: BM020618.D

Acq: 30 May 2019 03:43

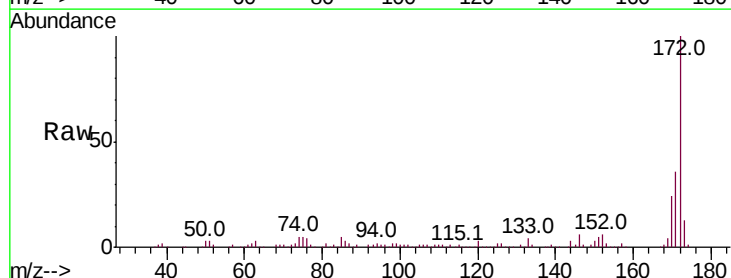
Tgt Ion:172 Resp: 609284

Ion Ratio Lower Upper

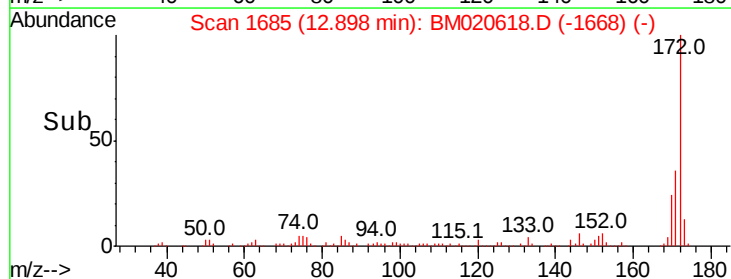
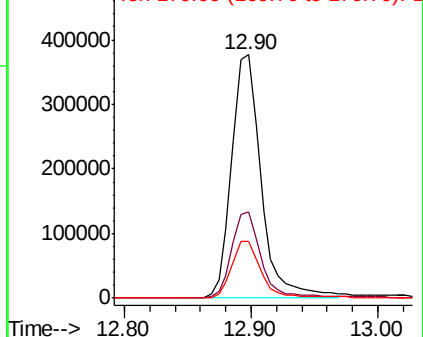
172 100

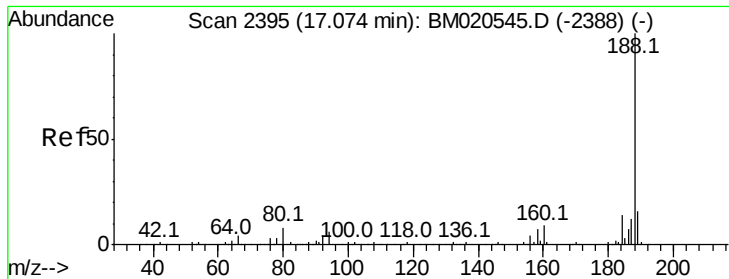
171 35.6 27.9 41.9

170 23.5 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: BM020618.D

Acq: 30 May 2019 03:43

Instrument :

BNA_M

ClientSampleId :

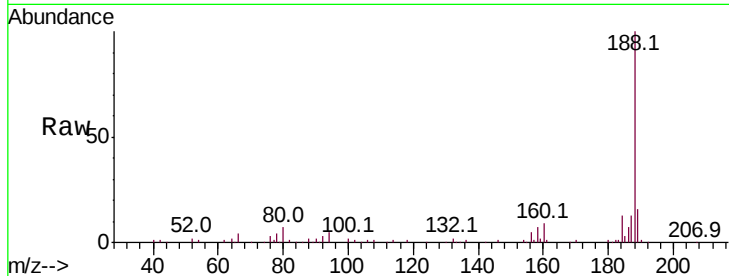
Tot Ion:188 Resp: 203363

Ion Ratio Lower Upper

188 100

94 5.4 5.0 7.4

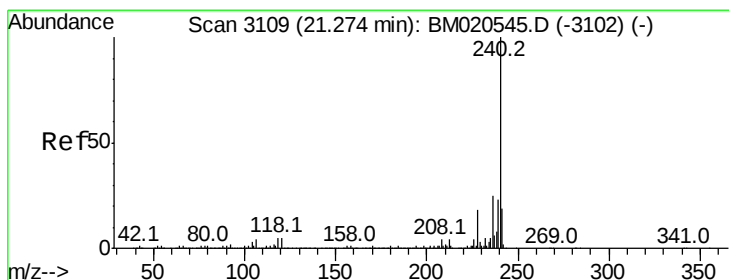
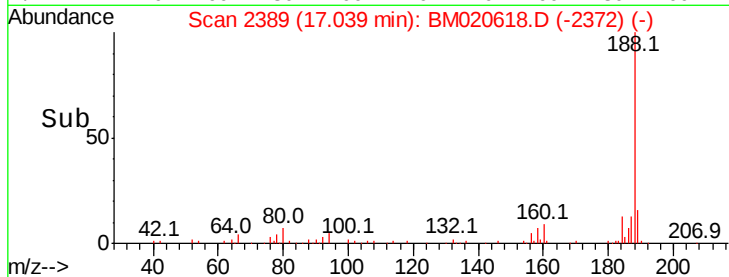
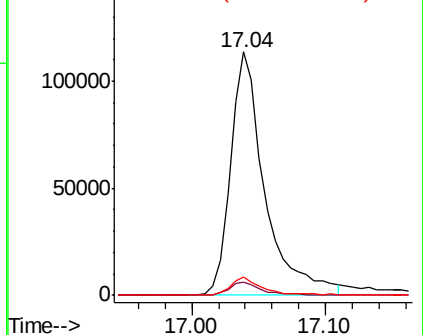
80 7.3 6.5 9.7



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.23 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM020618.D

Acq: 30 May 2019 03:43

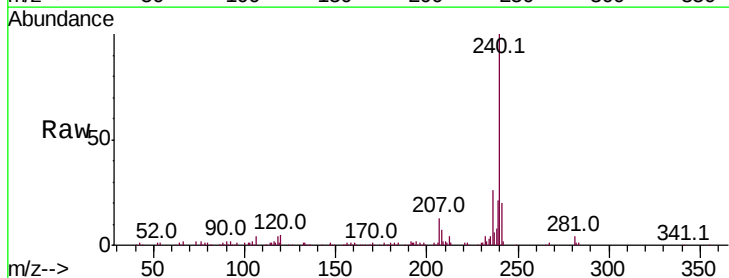
Tgt Ion:240 Resp: 278166

Ion Ratio Lower Upper

240 100

120 4.8 4.1 6.1

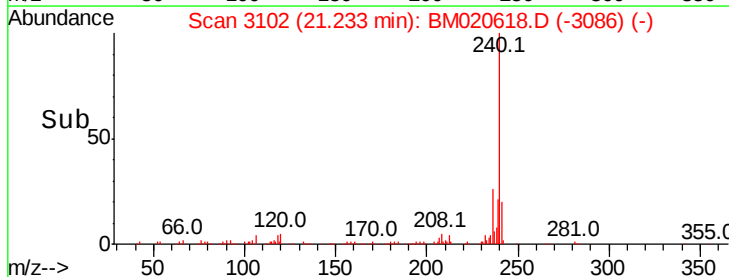
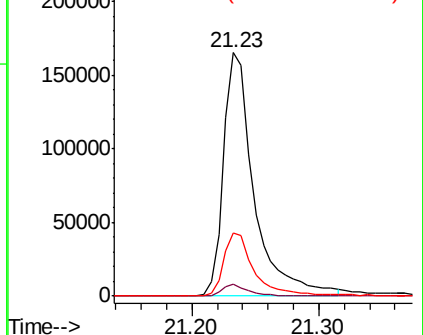
236 25.7 20.2 30.4

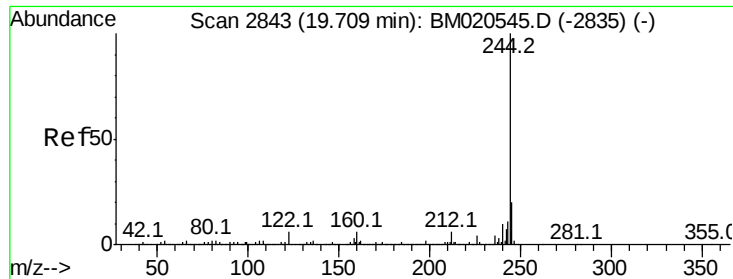


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 95.413 ng

RT: 19.67 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BM020618.D

Acq: 30 May 2019 03:43

Instrument :

BNA_M

ClientSampleId :

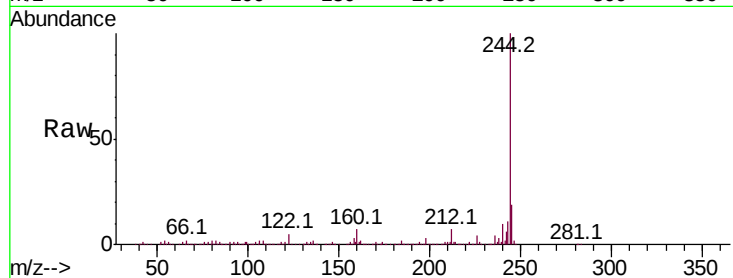
Tot Ion:244 Resp: 1468126

Ion Ratio Lower Upper

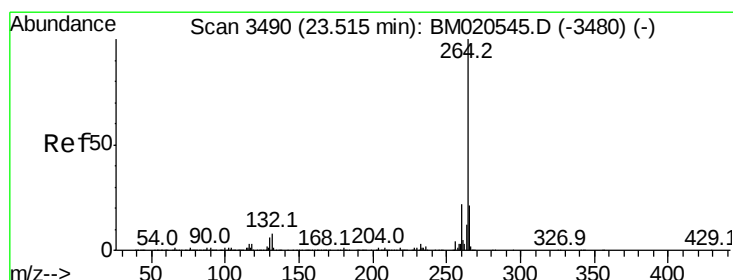
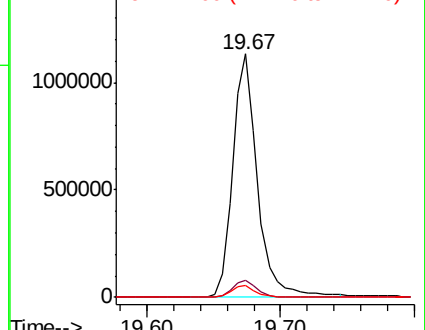
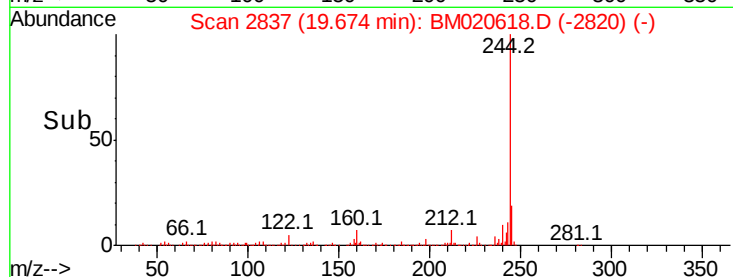
244 100

212 7.0 5.0 7.6

122 5.0 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# 3480

Delta R.T. -0.01 min

Lab File: BM020618.D

Acq: 30 May 2019 03:43

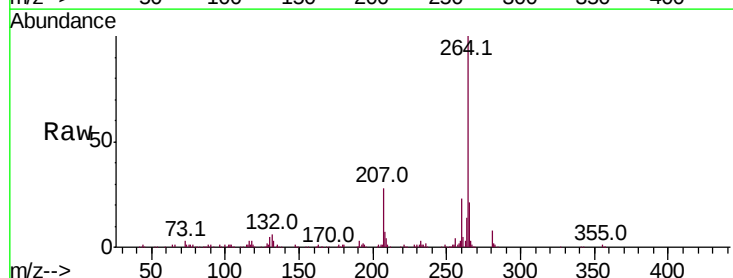
Tgt Ion:264 Resp: 340822

Ion Ratio Lower Upper

264 100

260 22.9 17.7 26.5

265 21.3 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

