

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052419\
 Data File : BM020558.D
 Acq On : 25 May 2019 01:32
 Operator : JU/SJ
 Sample : PB120010BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120010BL

Quant Time: May 25 06:22:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 16:07:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	41060	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	132867	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	113084	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	335036	20.00	ng	0.00
76) Chrysene-d12	21.26	240	480213	20.00	ng	-0.01
87) Perylene-d12	23.50	264	573865	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	198955	95.06	ng	0.00
7) Phenol-d6	6.84	99	265109	83.92	ng	0.00
23) Nitrobenzene-d5	8.83	82	265495	83.87	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	194150	85.69	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	707525	78.51	ng	0.00
79) Terphenyl-d14	19.70	244	1914011	72.05	ng	0.00

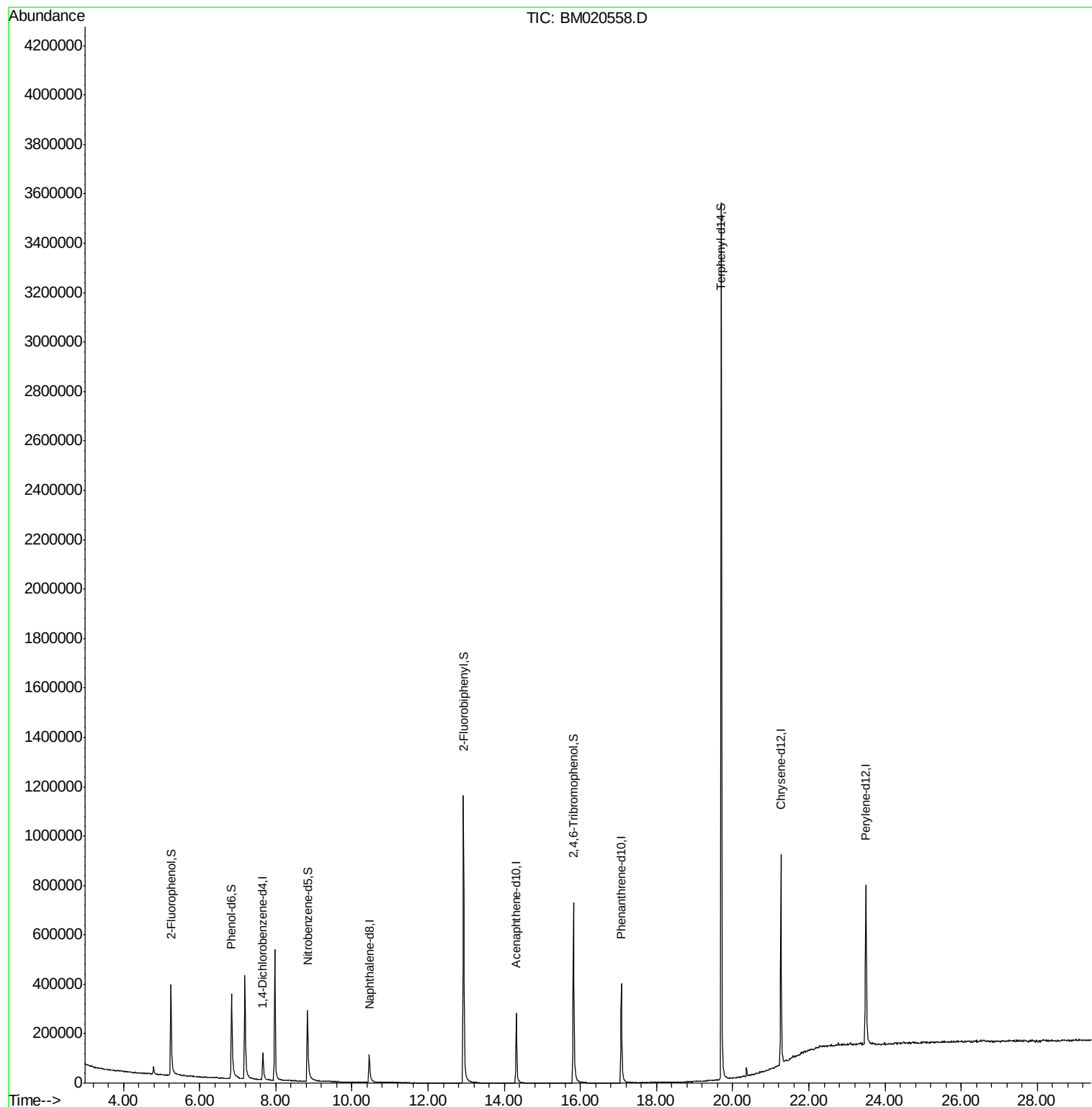
Target Compounds Qvalue

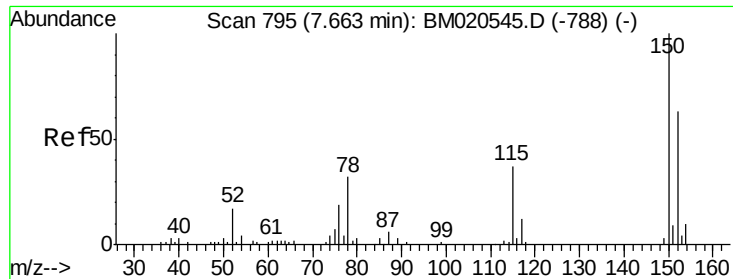
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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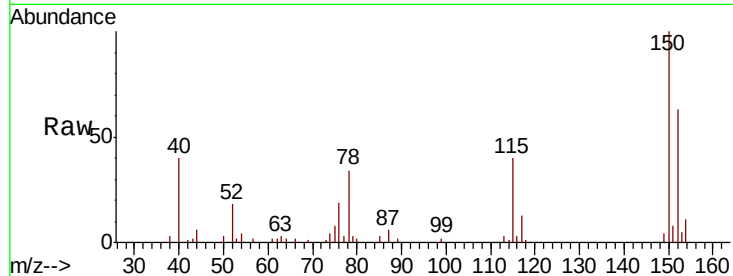


#1

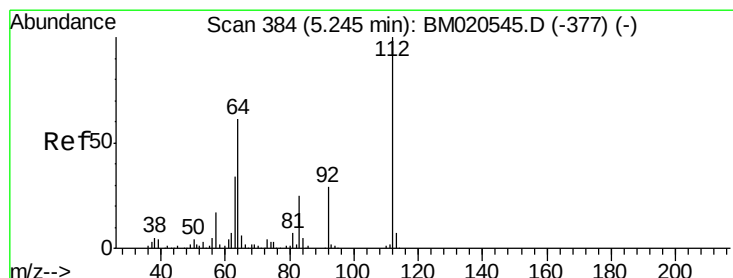
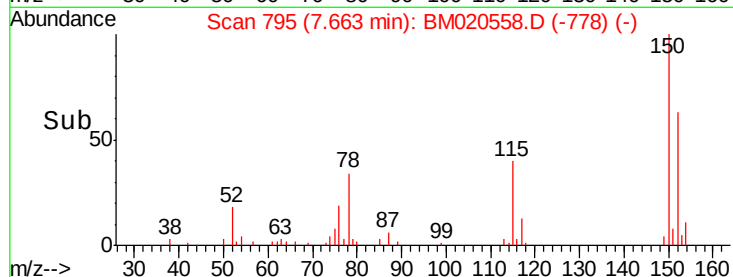
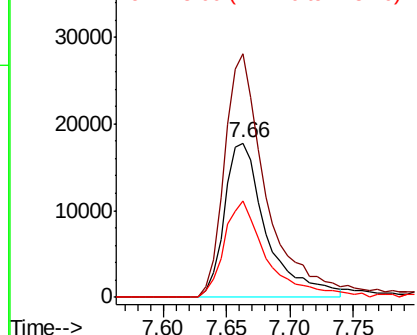
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.66 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BM020558.D
 Acq: 25 May 2019 01:32

Instrument :
 BNA_M
 ClientSampleId :
 PB120010BL

Tot Ion:152 Resp: 41060
 Ion Ratio Lower Upper
 152 100
 150 157.9 126.6 190.0
 115 62.7 46.6 70.0



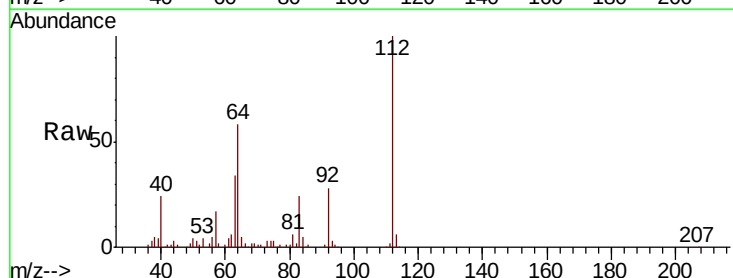
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



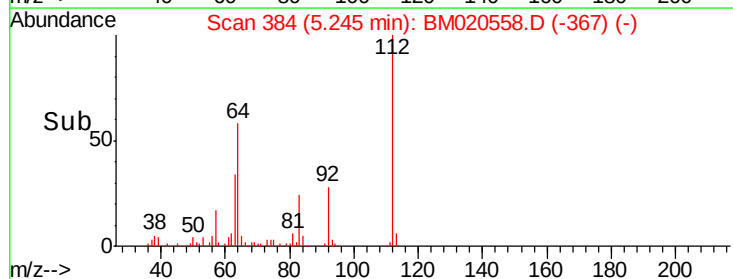
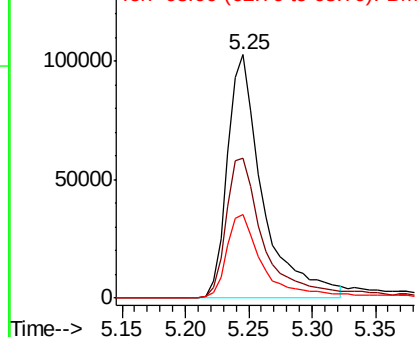
#5

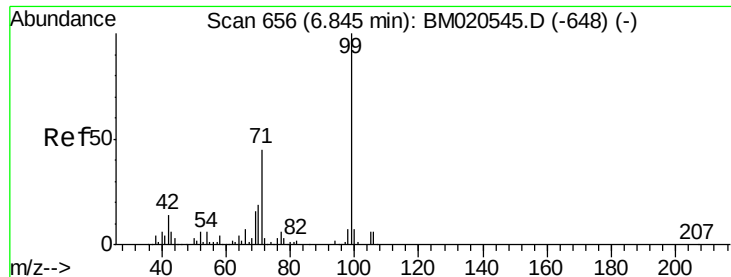
2-Fluorophenol
 Concen: 95.059 ng
 RT: 5.25 min Scan# 384
 Delta R.T. 0.00 min
 Lab File: BM020558.D
 Acq: 25 May 2019 01:32

Tgt Ion:112 Resp: 198955
 Ion Ratio Lower Upper
 112 100
 64 57.6 48.6 73.0
 63 34.5 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: 83.922 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM020558.D

Acq: 25 May 2019 01:32

Instrument :

BNA_M

ClientSampleId :

PB120010BL

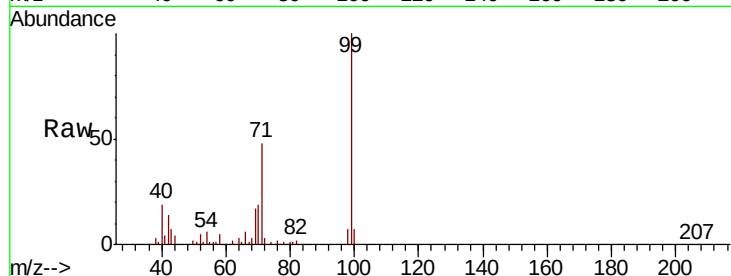
Tot Ion: 99 Resp: 265109

Ion Ratio Lower Upper

99 100

42 13.8 10.8 16.2

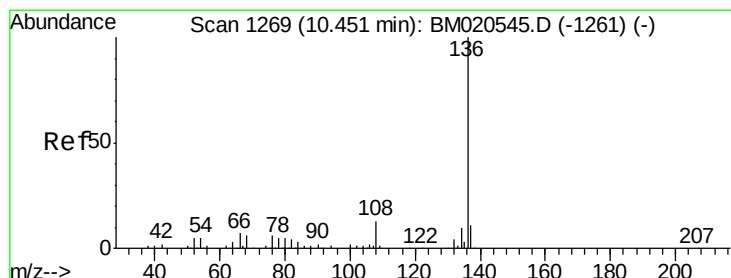
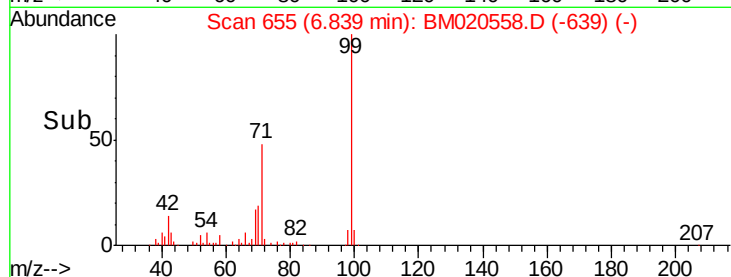
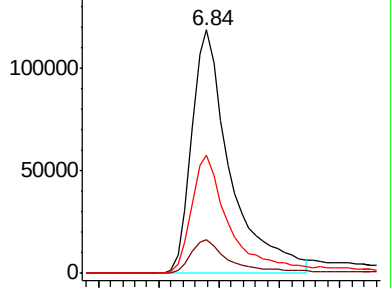
71 48.3 36.3 54.5



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: 10.45 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BM020558.D

Acq: 25 May 2019 01:32

Tgt Ion: 136 Resp: 132867

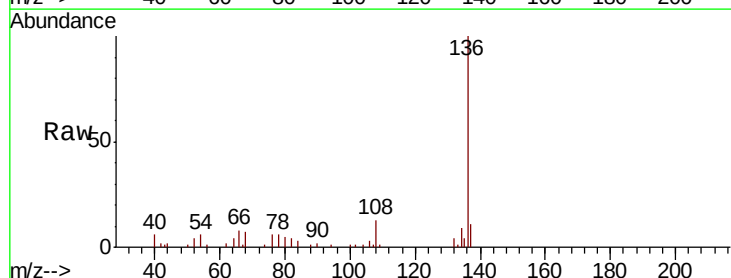
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 5.7 4.2 6.4

68 6.7 4.6 7.0

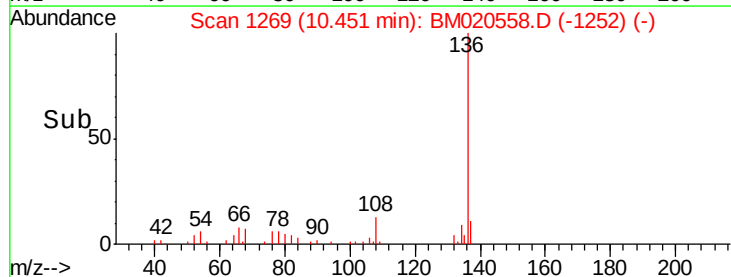
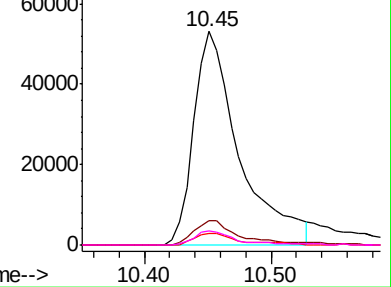


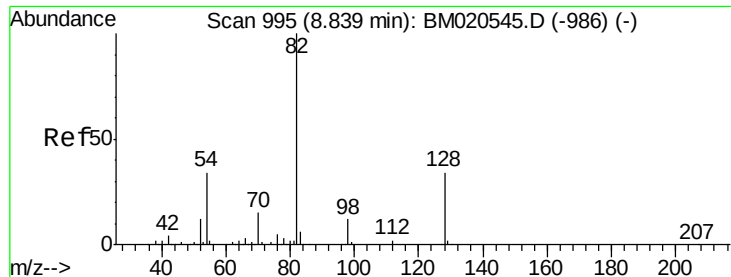
Abundance Ion 136.00 (135.70 to 136.70): BM020545.D (-1261) (-)

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) (-)

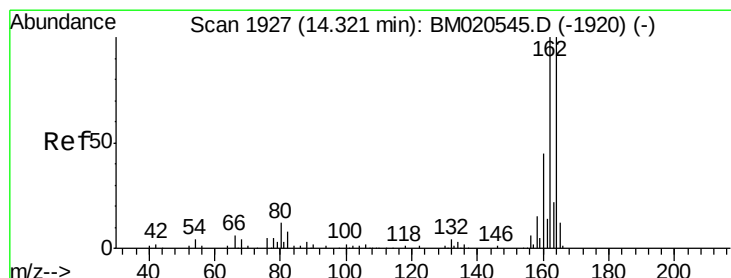
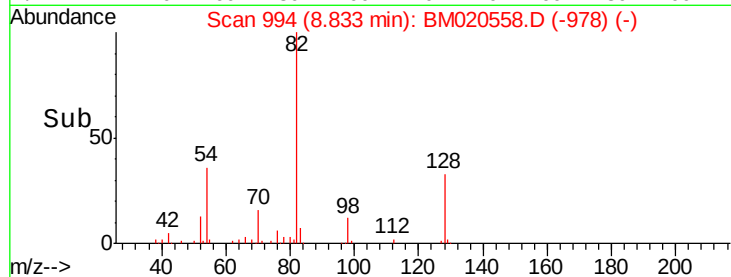
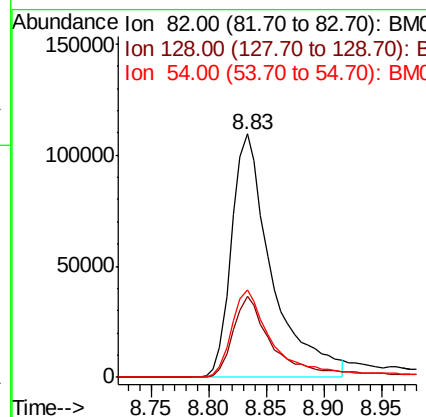
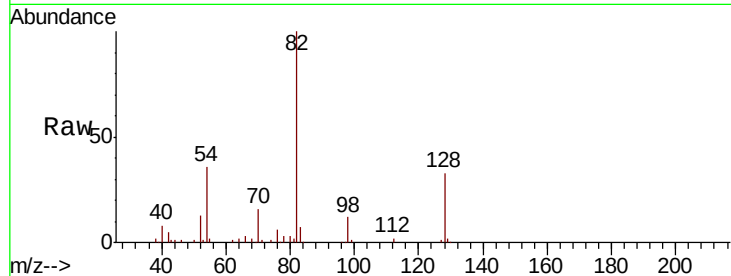




#23
 Nitrobenzene-d5
 Concen: 83.870 ng
 RT: 8.83 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BM020558.D
 Acq: 25 May 2019 01:32

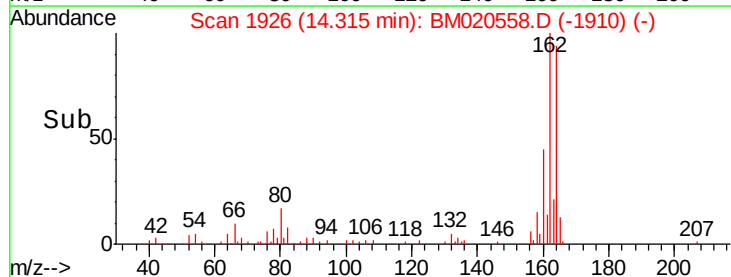
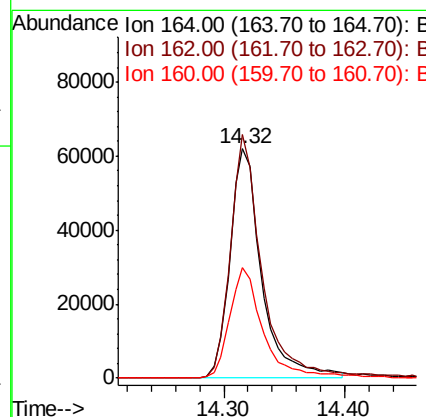
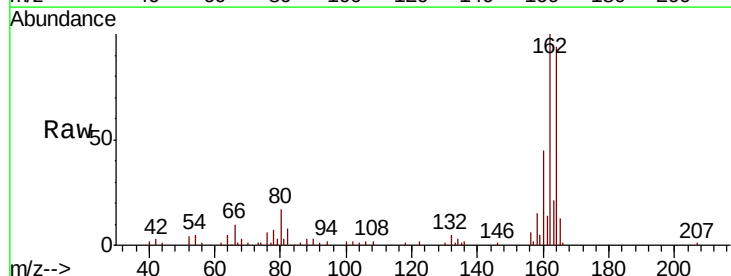
Instrument :
 BNA_M
 ClientSampled :
 PB120010BL

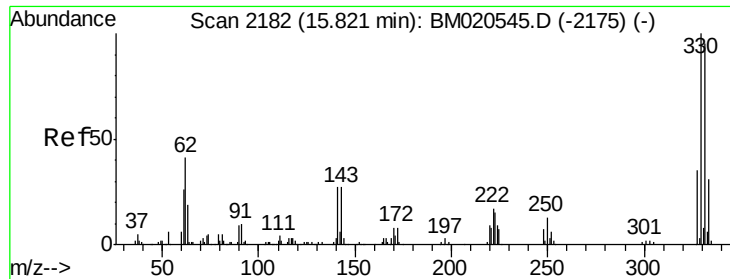
Tot Ion	82	Resp	265495
Ion Ratio	Lower	Upper	
82	100		
128	33.5	27.0	40.4
54	35.9	27.4	41.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.32 min Scan# 1926
 Delta R.T. -0.01 min
 Lab File: BM020558.D
 Acq: 25 May 2019 01:32

Tgt Ion	164	Resp	113084
Ion Ratio	Lower	Upper	
164	100		
162	106.3	79.8	119.8
160	48.2	35.9	53.9

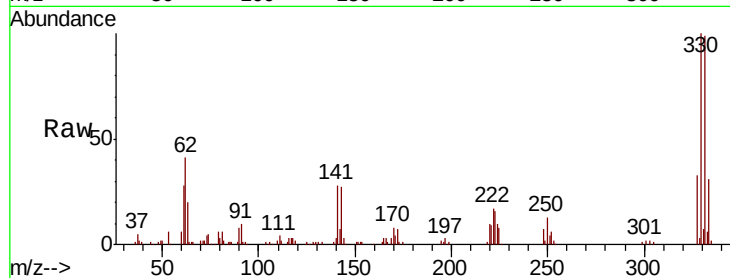




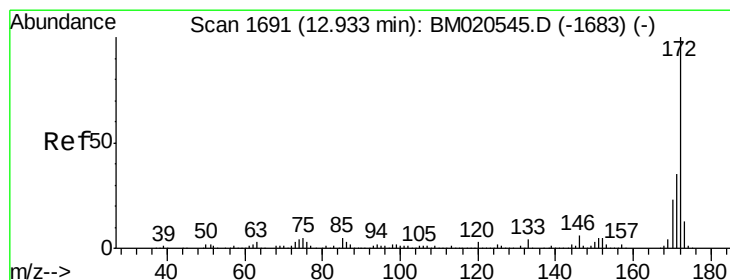
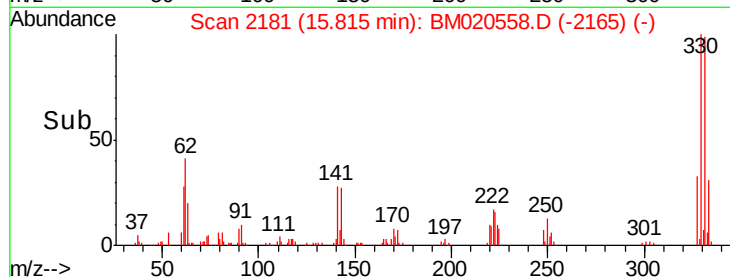
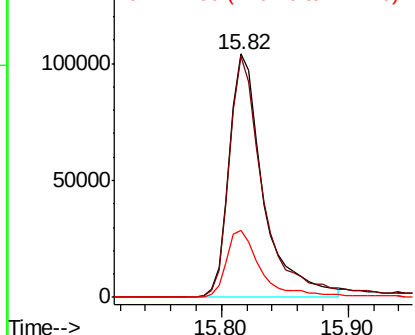
#42
 2,4,6-Tribromophenol
 Concen: 85.695 ng
 RT: 15.82 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BM020558.D
 Acq: 25 May 2019 01:32

Instrument :
 BNA_M
 ClientSampleId :
 PB120010BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.5	116.3
141	27.5	21.7	32.5

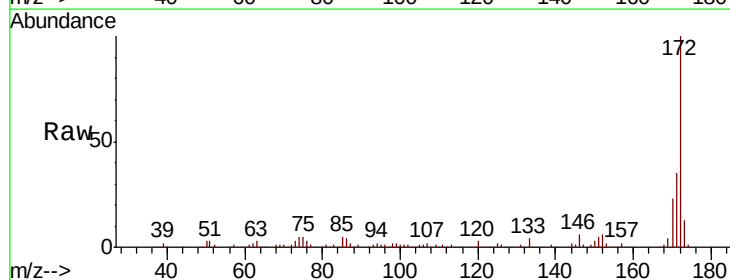


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

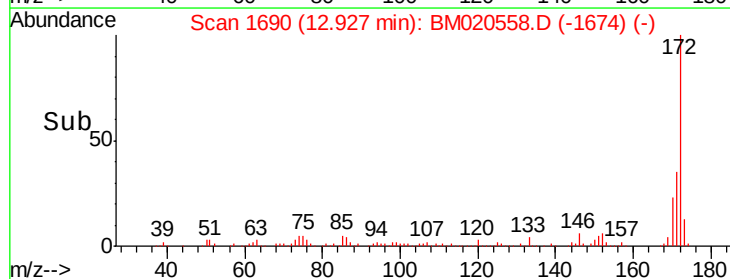
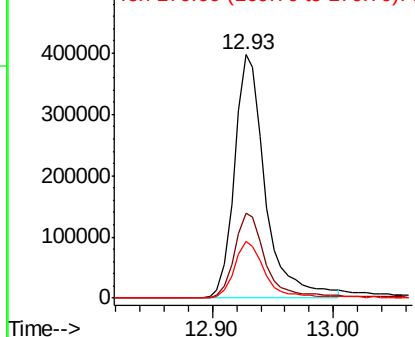


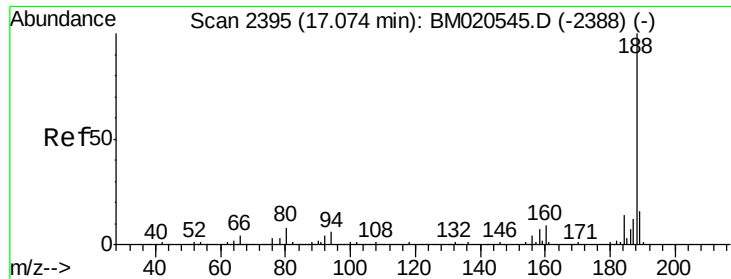
#45
 2-Fluorobiphenyl
 Concen: 78.509 ng
 RT: 12.93 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BM020558.D
 Acq: 25 May 2019 01:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.9	41.9
170	23.1	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: 17.07 min Scan# 2395

Delta R.T. 0.00 min

Lab File: BM020558.D

Acq: 25 May 2019 01:32

Instrument :

BNA_M

ClientSampleId :

PB120010BL

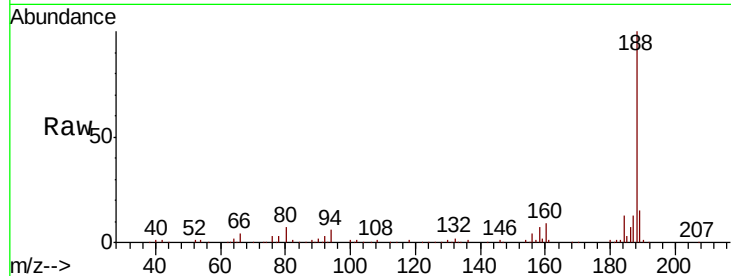
Tot Ion:188 Resp: 335036

Ion Ratio Lower Upper

188 100

94 5.9 5.0 7.4

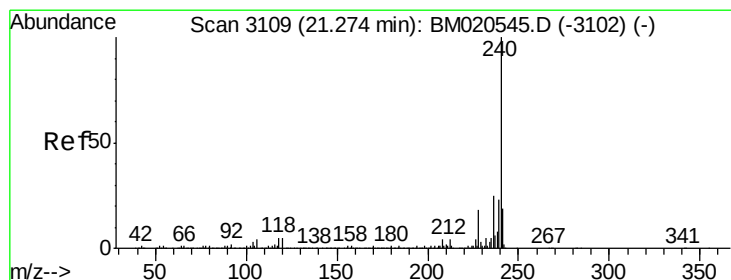
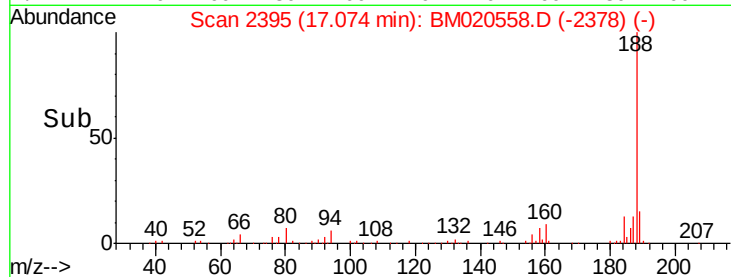
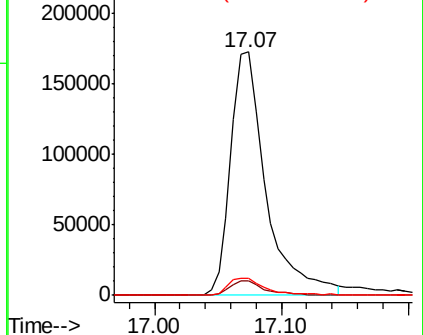
80 7.0 6.5 9.7



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: 21.26 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BM020558.D

Acq: 25 May 2019 01:32

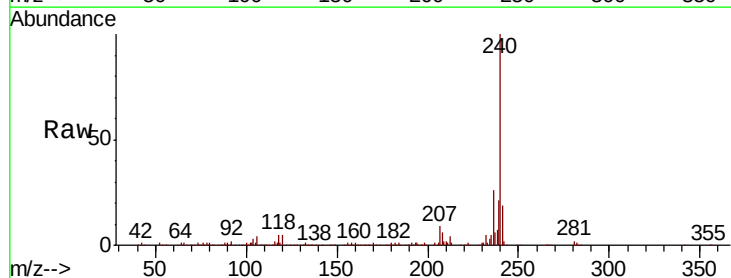
Tgt Ion:240 Resp: 480213

Ion Ratio Lower Upper

240 100

120 5.2 4.1 6.1

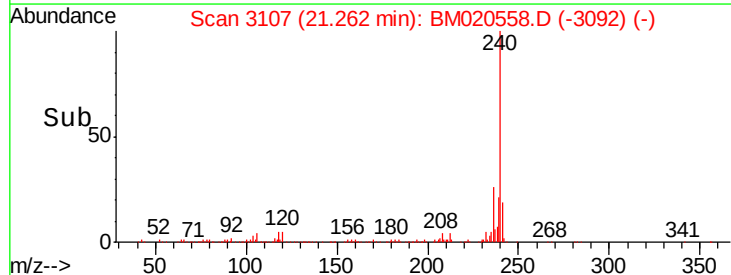
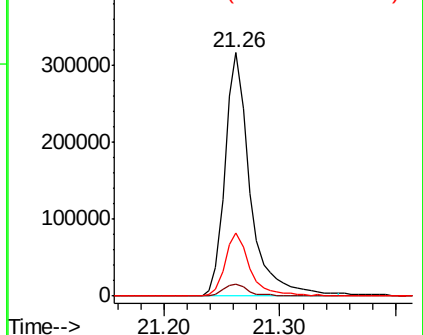
236 25.8 20.2 30.4

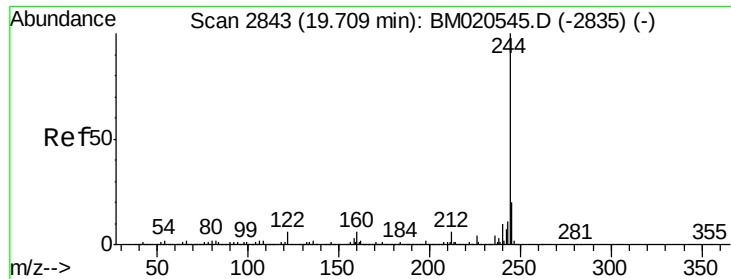


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

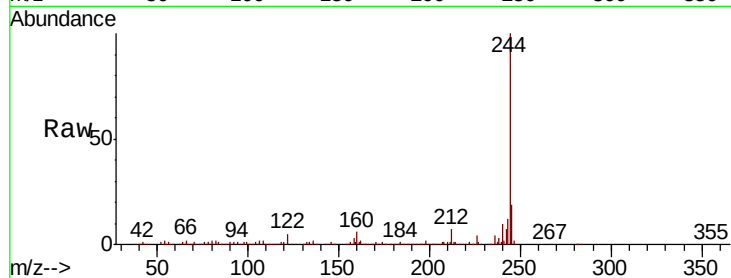




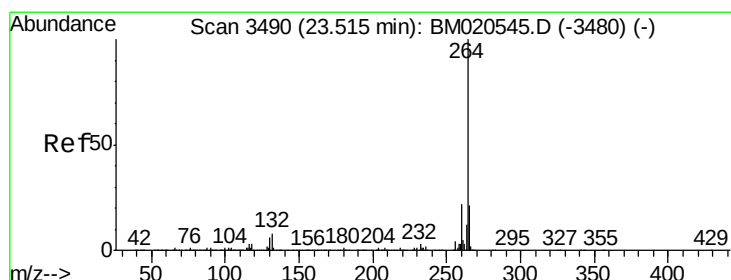
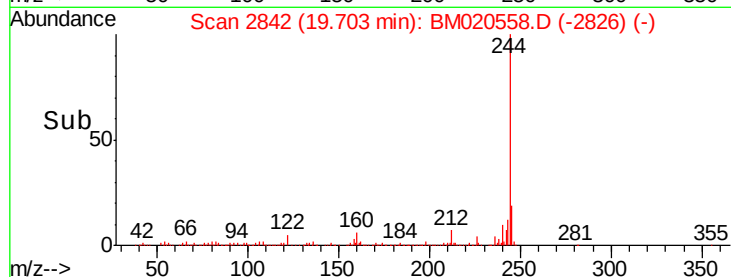
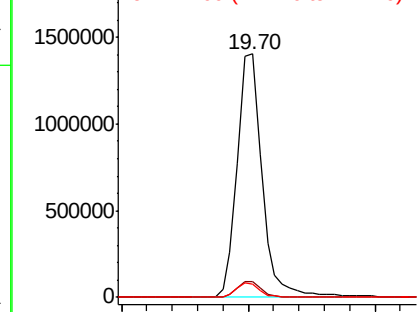
#79
 Terphenyl-d14
 Concen: 72.054 ng
 RT: 19.70 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BM020558.D
 Acq: 25 May 2019 01:32

Instrument :
 BNA_M
 ClientSampleId :
 PB120010BL

Tot Ion:244 Resp: 1914011
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.6
 122 5.4 4.6 7.0

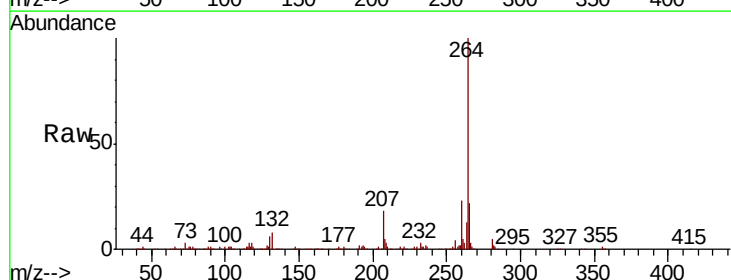


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.50 min Scan# 3487
 Delta R.T. -0.02 min
 Lab File: BM020558.D
 Acq: 25 May 2019 01:32

Tgt Ion:264 Resp: 573865
 Ion Ratio Lower Upper
 264 100
 260 22.6 17.7 26.5
 265 22.4 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

