

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052319\
 Data File : BM020532.D
 Acq On : 24 May 2019 00:59
 Operator : JU/SJ
 Sample : K2970-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-11-D

Quant Time: May 24 02:12:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 13:59:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	51595	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	158264	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	95936	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	243402	20.00	ng	0.00
76) Chrysene-d12	21.27	240	276483	20.00	ng	-0.01
87) Perylene-d12	23.52	264	336439	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	379076	120.10	ng	0.00
7) Phenol-d6	6.84	99	431724	100.12	ng	-0.01
23) Nitrobenzene-d5	8.84	82	368460	91.92	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	246677	165.65	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	711398	91.24	ng	0.00
79) Terphenyl-d14	19.71	244	1506800	95.06	ng	-0.01

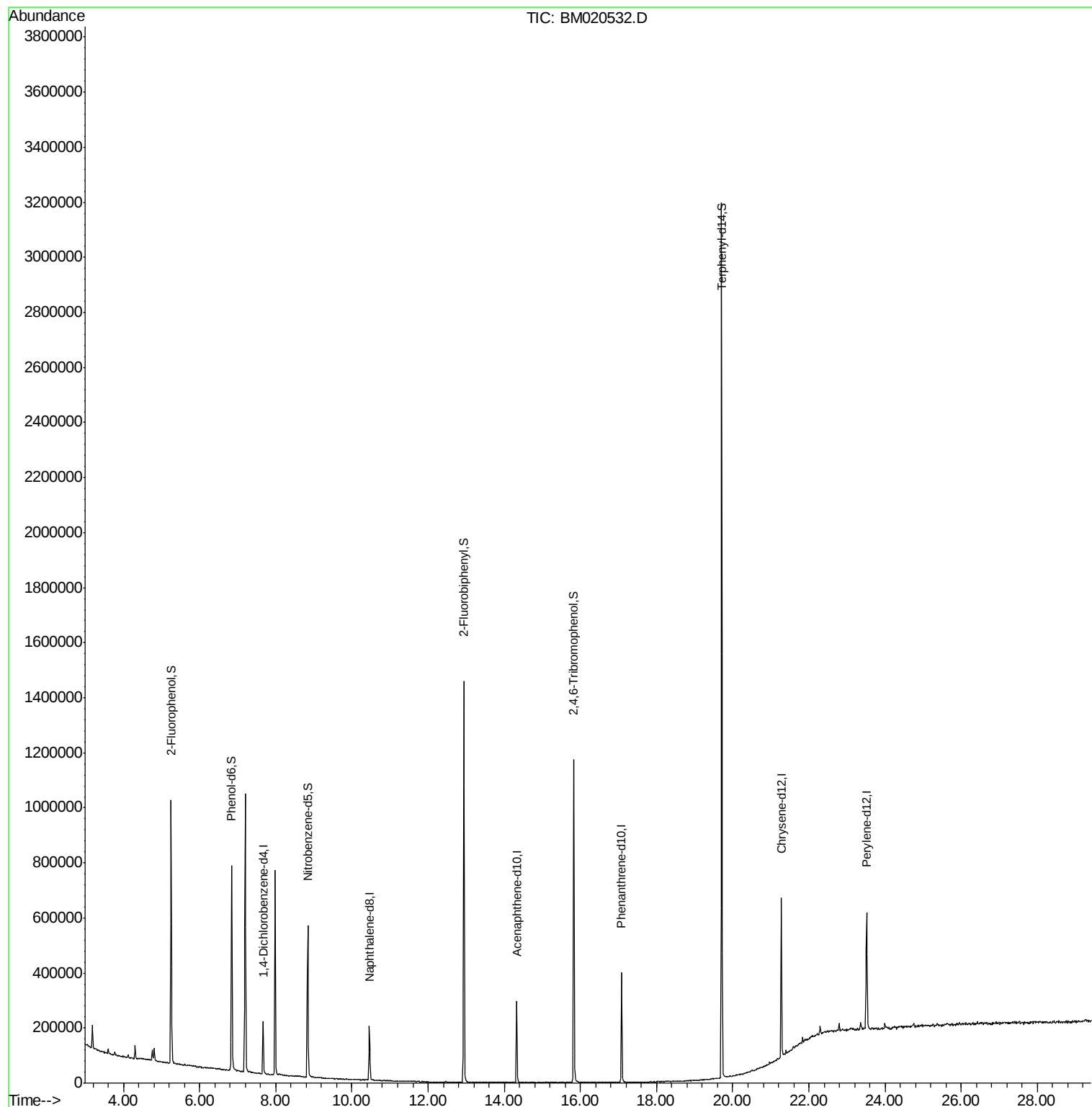
Target Compounds Qvalue

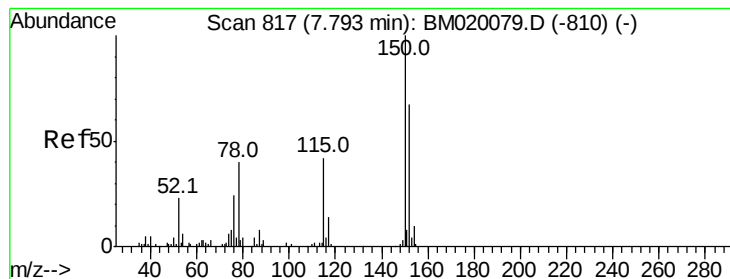
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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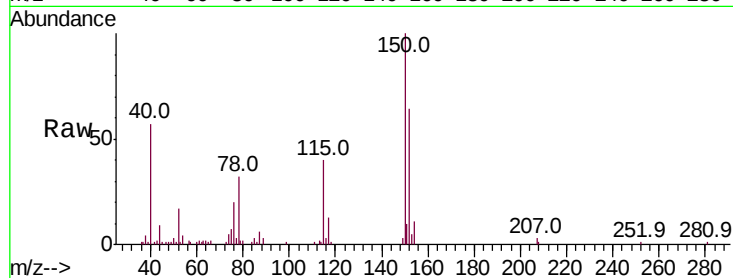


#1

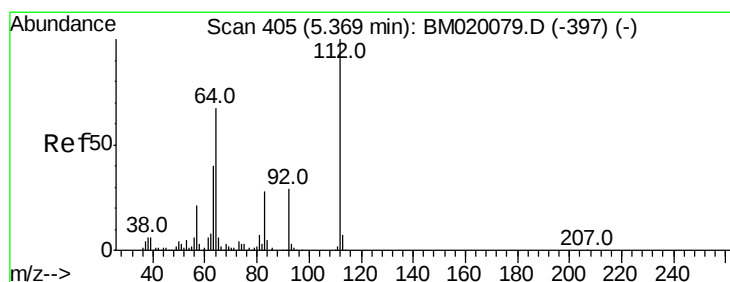
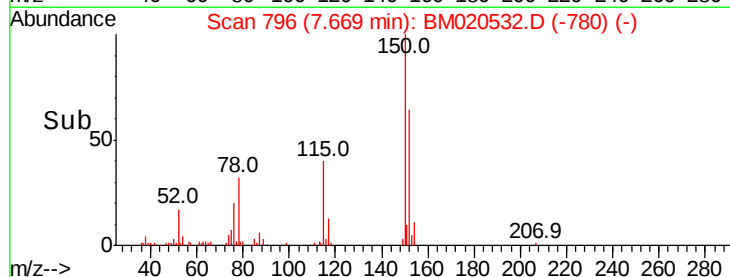
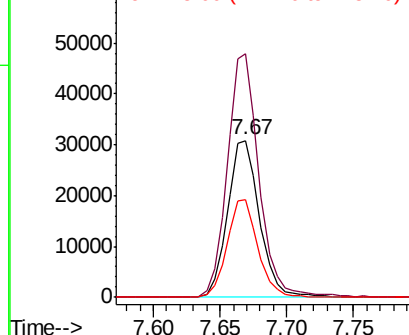
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM020532.D
Acq: 24 May 2019 00:59

Instrument :
BNA_M
ClientSampleId :
TP-11-D

Tot Ion:152 Resp: 51595
Ion Ratio Lower Upper
152 100
150 155.3 119.8 179.8
115 61.9 50.8 76.2



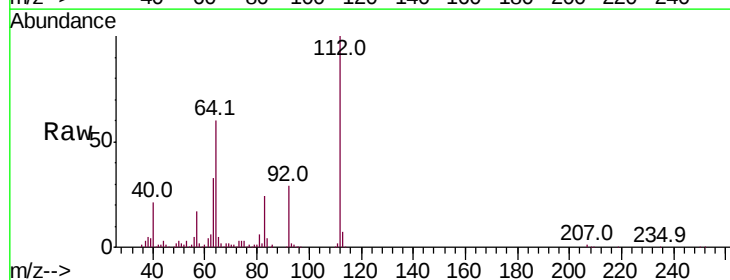
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



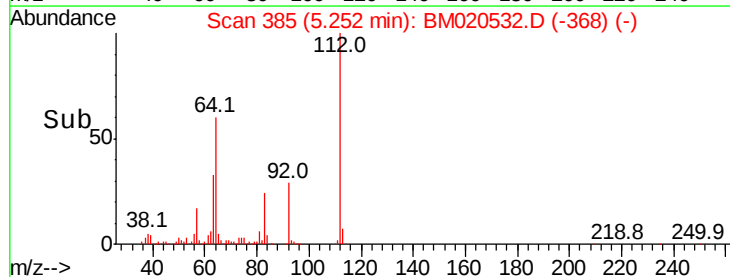
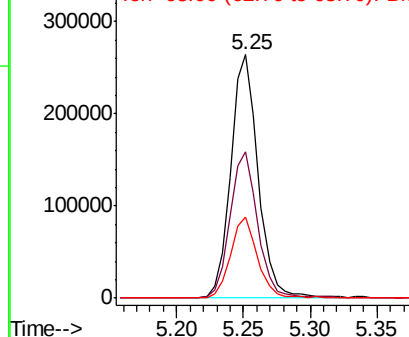
#5

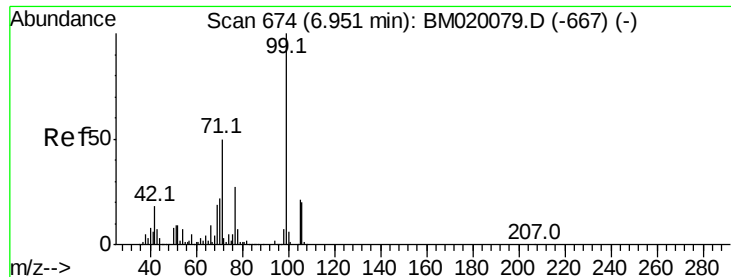
2-Fluorophenol
Concen: 120.096 ng
RT: 5.25 min Scan# 385
Delta R.T. 0.00 min
Lab File: BM020532.D
Acq: 24 May 2019 00:59

Tgt Ion:112 Resp: 379076
Ion Ratio Lower Upper
112 100
64 60.1 53.8 80.6
63 33.1 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: 100.118 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM020532.D

Acq: 24 May 2019 00:59

Instrument :

BNA_M

ClientSampleId :

TP-11-D

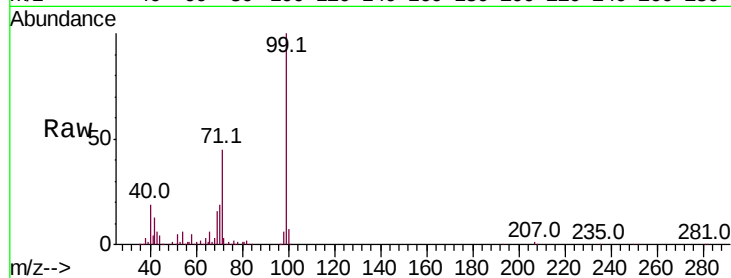
Tot Ion: 99 Resp: 431724

Ion Ratio Lower Upper

99 100

42 13.2 14.2 21.2#

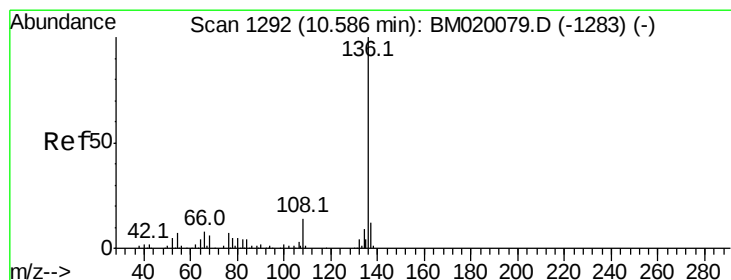
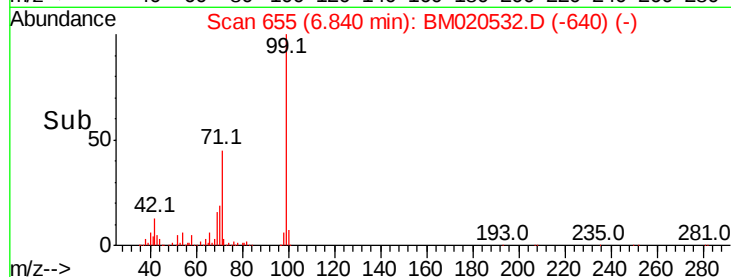
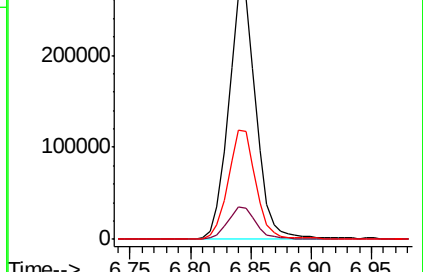
71 44.9 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020079.D (-667) (-)

Ion 42.00 (41.70 to 42.70): BM020079.D (-667) (-)

Ion 71.00 (70.70 to 71.70): BM020079.D (-667) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BM020532.D

Acq: 24 May 2019 00:59

Tgt Ion: 136 Resp: 158264

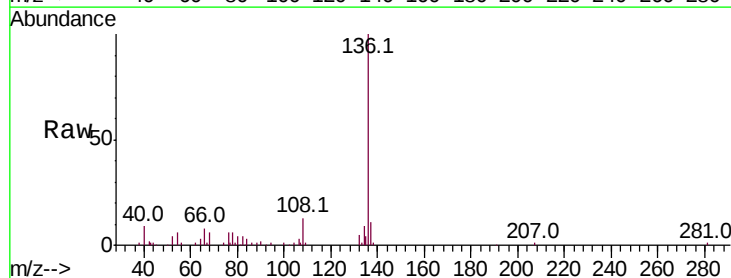
Ion Ratio Lower Upper

136 100

137 11.5 9.6 14.4

54 5.7 5.5 8.3

68 5.9 4.6 6.8

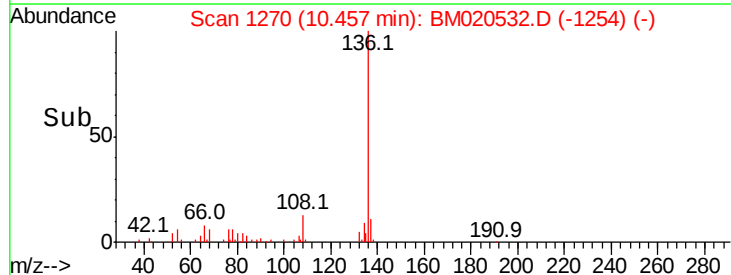
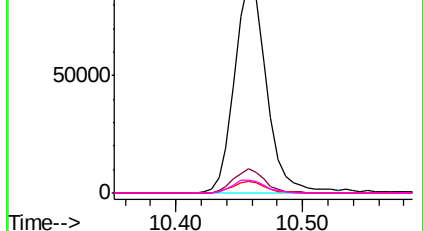


Abundance Ion 136.00 (135.70 to 136.70): BM020079.D (-1283) (-)

Ion 137.00 (136.70 to 137.70): BM020079.D (-1283) (-)

Ion 54.00 (53.70 to 54.70): BM020079.D (-1283) (-)

Ion 68.00 (67.70 to 68.70): BM020079.D (-1283) (-)





#23

Nitrobenzene-d5

Concen: 91.915 ng

RT: 8.84 min Scan# 995

Delta R.T. -0.01 min

Lab File: BM020532.D

Acq: 24 May 2019 00:59

Instrument :

BNA_M

ClientSampled :

TP-11-D

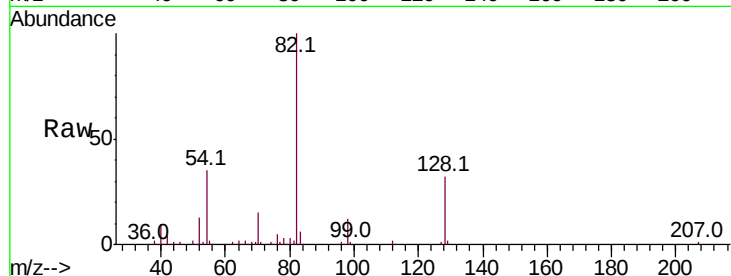
Tot Ion: 82 Resp: 368460

Ion Ratio Lower Upper

82 100

128 32.1 25.2 37.8

54 34.9 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) (-)

8.84

200000

150000

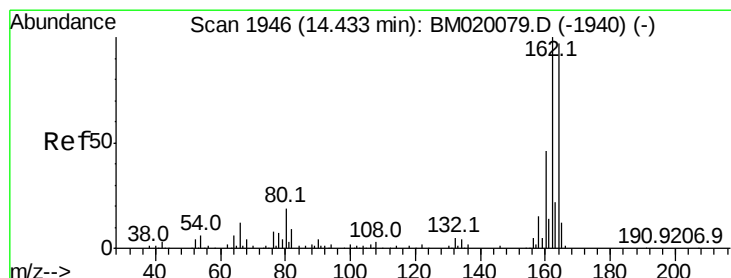
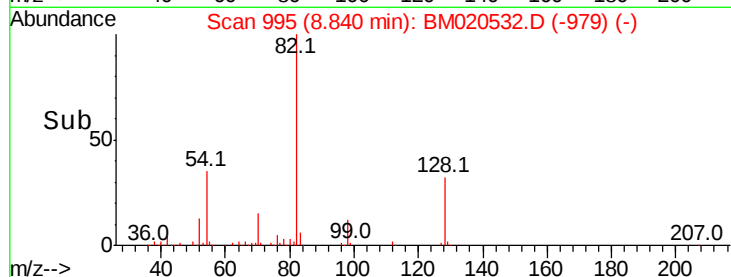
100000

50000

0

8.75 8.80 8.85 8.90 8.95

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.33 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BM020532.D

Acq: 24 May 2019 00:59

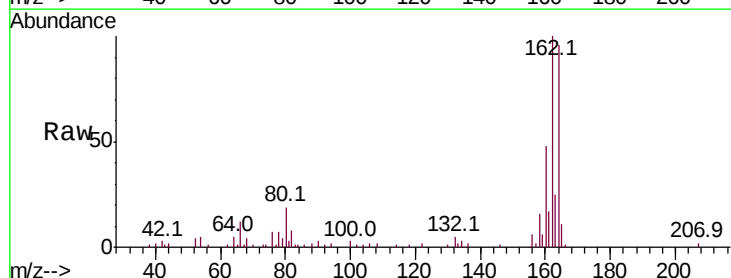
Tgt Ion: 164 Resp: 95936

Ion Ratio Lower Upper

164 100

162 104.2 82.2 123.2

160 49.7 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) (-)

14.33

80000

60000

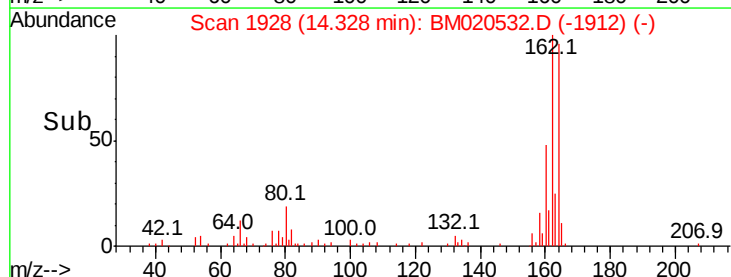
40000

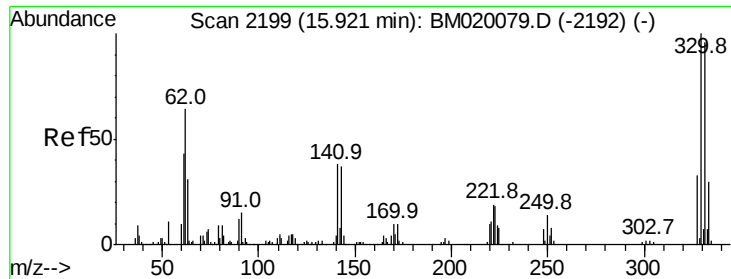
20000

0

14.30 14.40

Time-->

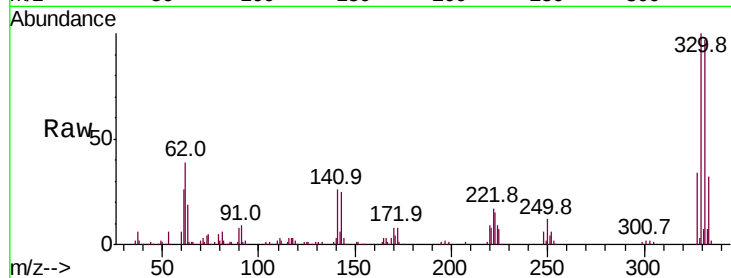




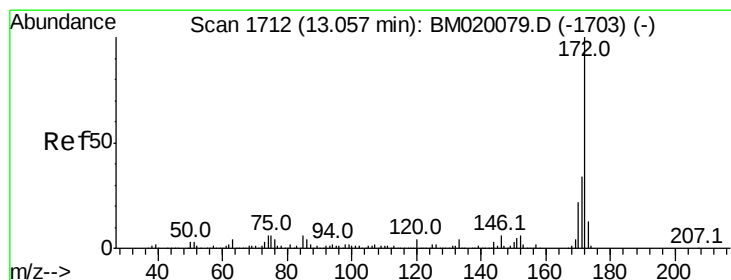
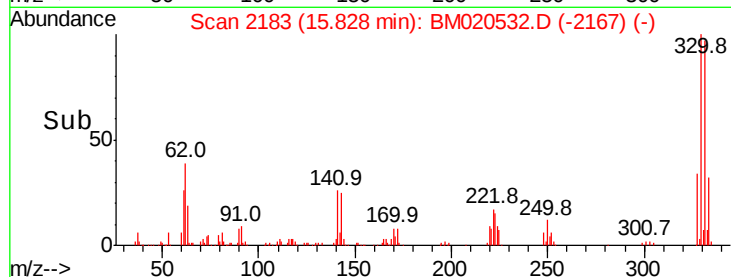
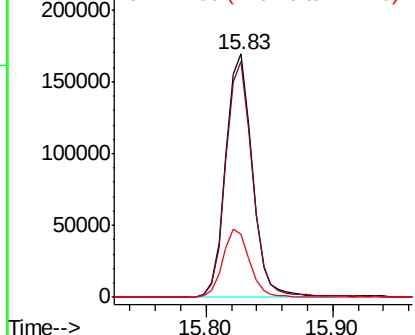
#42
 2,4,6-Tribromophenol
 Concen: 165.654 ng
 RT: 15.83 min Scan# 2183
 Delta R.T. -0.01 min
 Lab File: BM020532.D
 Acq: 24 May 2019 00:59

Instrument :
 BNA_M
 ClientSampleId :
 TP-11-D

Tot Ion:330 Resp: 246677
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.8 115.2
 141 28.4 29.2 43.8#

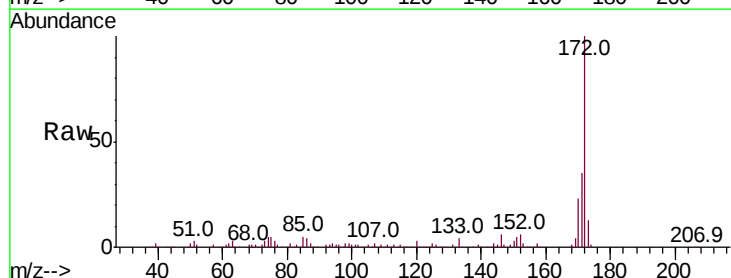


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

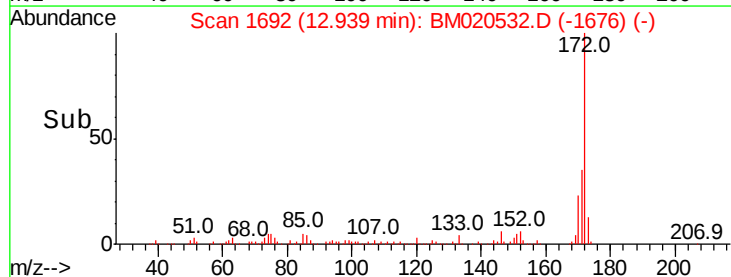
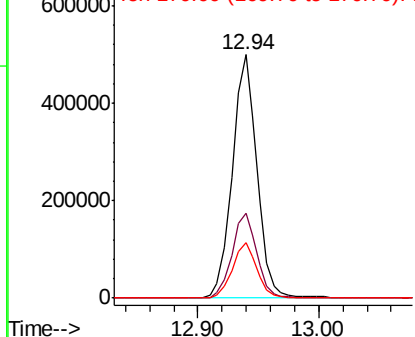


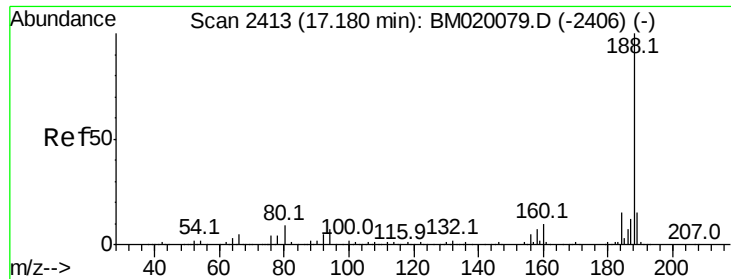
#45
 2-Fluorobiphenyl
 Concen: 91.236 ng
 RT: 12.94 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BM020532.D
 Acq: 24 May 2019 00:59

Tgt Ion:172 Resp: 711398
 Ion Ratio Lower Upper
 172 100
 171 35.0 27.3 40.9
 170 23.0 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.08 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BM020532.D

Acq: 24 May 2019 00:59

Instrument :

BNA_M

ClientSampleId :

TP-11-D

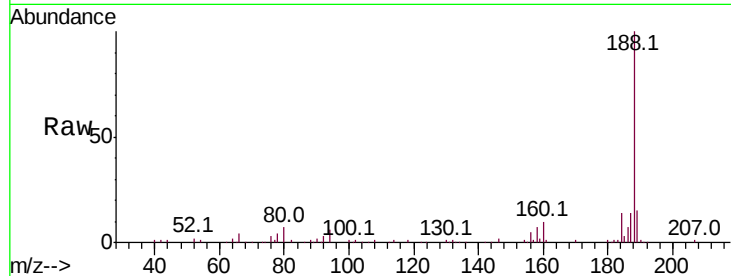
Tot Ion:188 Resp: 243402

Ion Ratio Lower Upper

188 100

94 5.7 5.8 8.6#

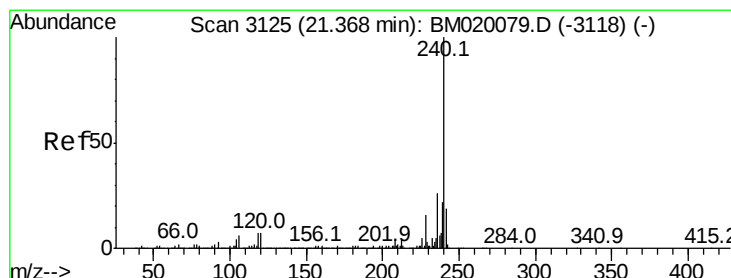
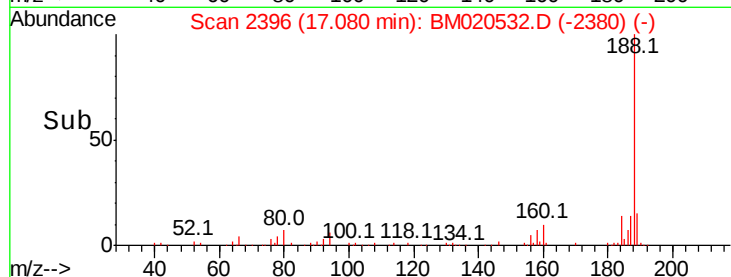
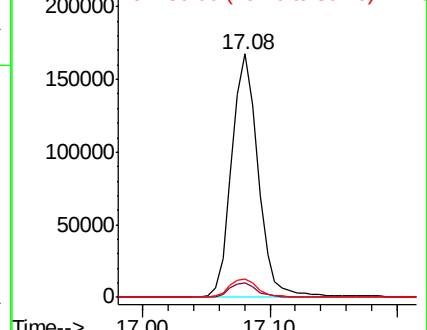
80 7.4 7.4 11.2#



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: 21.27 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BM020532.D

Acq: 24 May 2019 00:59

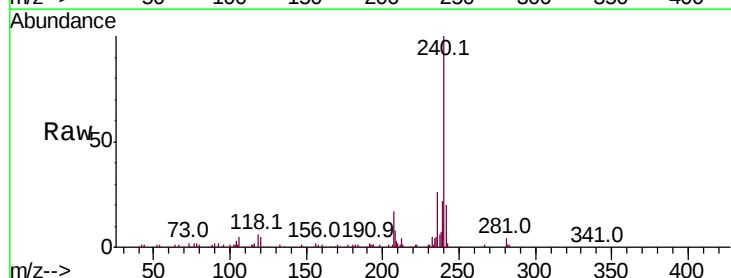
Tgt Ion:240 Resp: 276483

Ion Ratio Lower Upper

240 100

120 5.3 5.6 8.4#

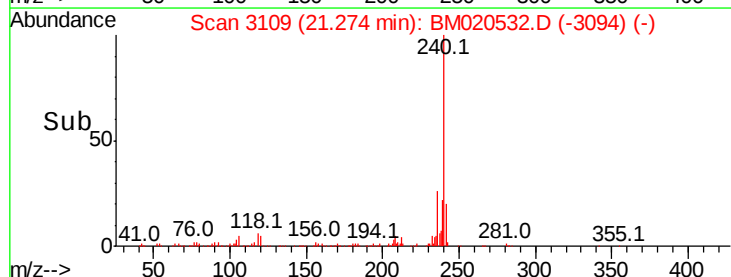
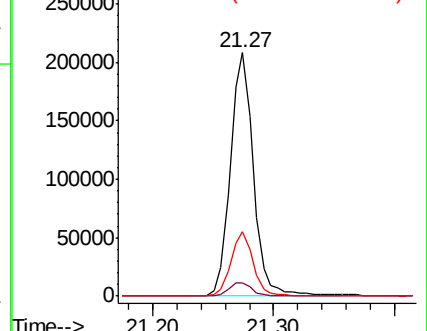
236 26.3 20.9 31.3

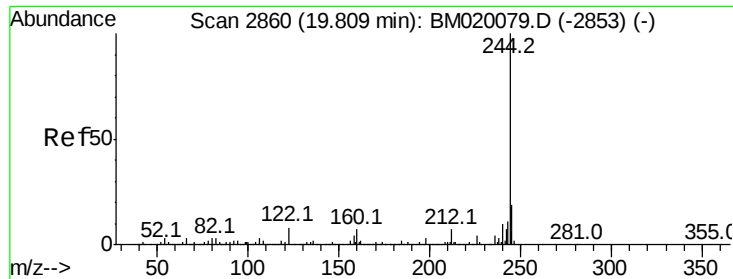


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 95.058 ng

RT: 19.71 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BM020532.D

Acq: 24 May 2019 00:59

Instrument :

BNA_M

ClientSampleId :

TP-11-D

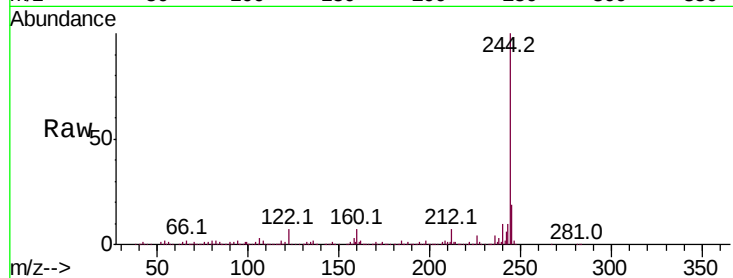
Tot Ion:244 Resp: 1506800

Ion Ratio Lower Upper

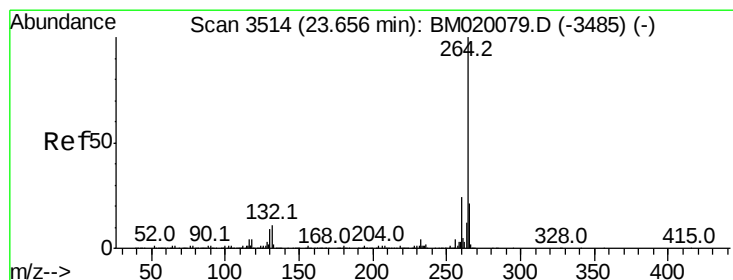
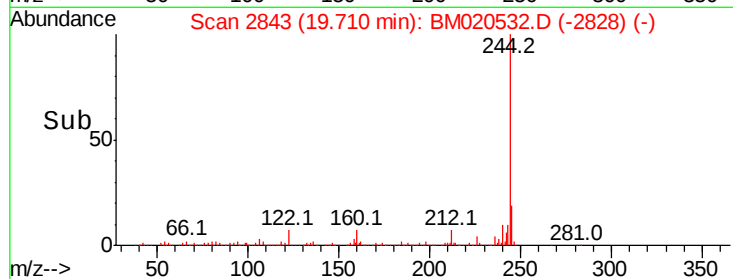
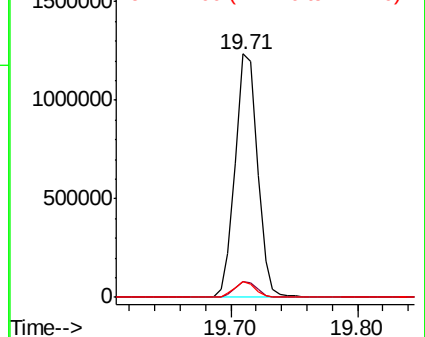
244 100

212 6.7 5.7 8.5

122 6.6 6.2 9.2



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: 23.52 min Scan# 3490

Delta R.T. -0.02 min

Lab File: BM020532.D

Acq: 24 May 2019 00:59

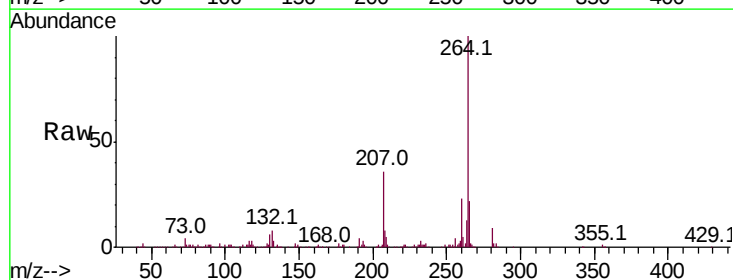
Tgt Ion:264 Resp: 336439

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 22.4 16.9 25.3



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

