

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052319\
 Data File : BM020529.D
 Acq On : 23 May 2019 23:10
 Operator : JU/SJ
 Sample : K2647-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SU-03-052219-B

Quant Time: May 24 02:12:01 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	46780	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	146030	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	83916	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	202455	20.00	ng	0.00
76) Chrysene-d12	21.27	240	240856	20.00	ng	-0.01
87) Perylene-d12	23.52	264	296690	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	380245	132.87	ng	0.00
7) Phenol-d6	6.85	99	438556	112.17	ng	0.00
23) Nitrobenzene-d5	8.84	82	346967	93.80	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	222393	170.74	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	685467	100.50	ng	0.00
79) Terphenyl-d14	19.72	244	1281354	92.79	ng	0.00

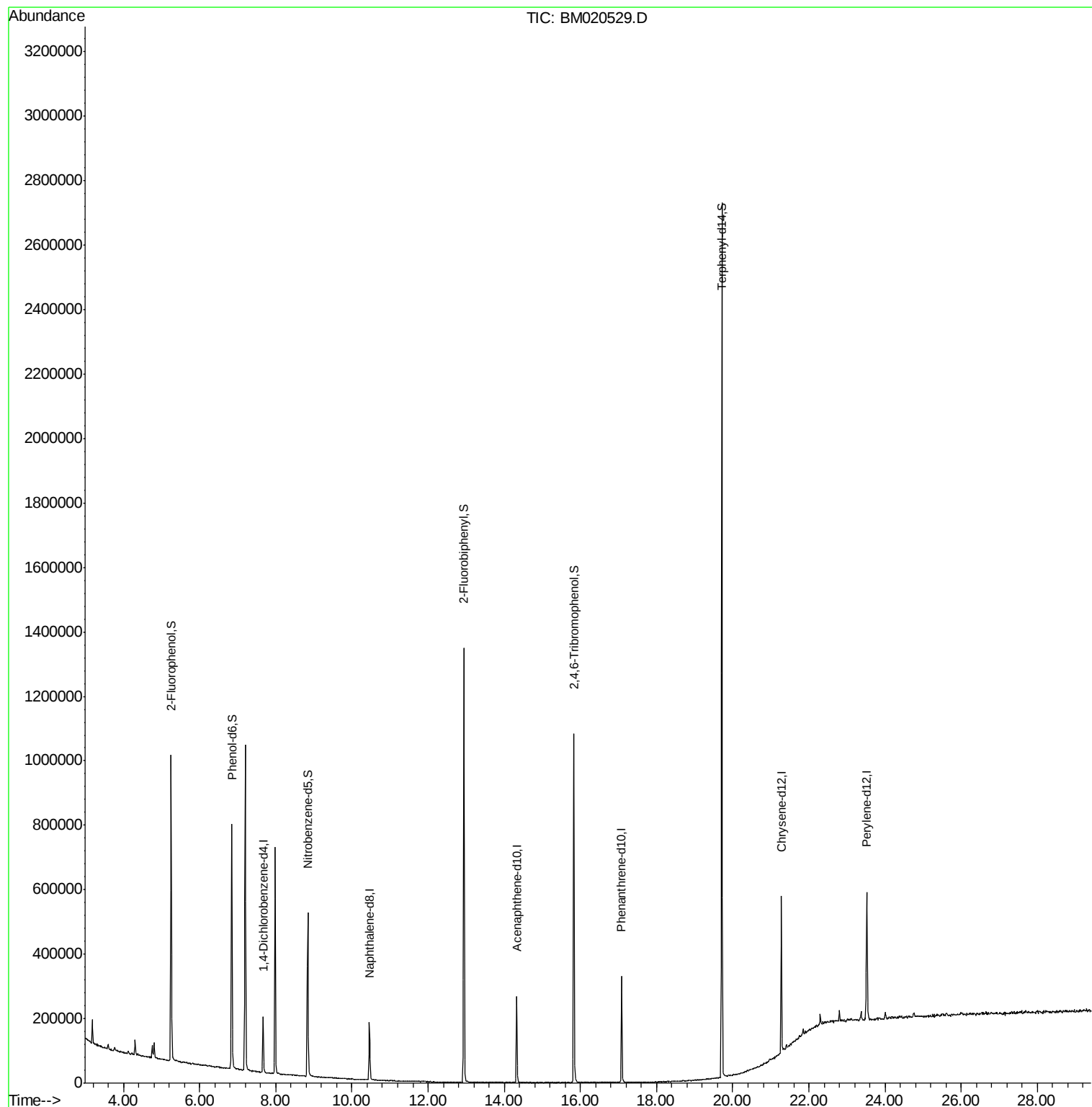
Target Compounds Qvalue

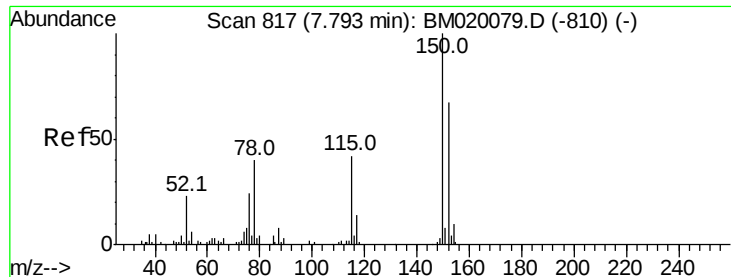
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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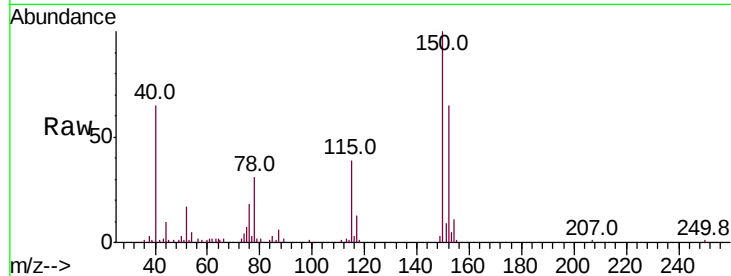


#1

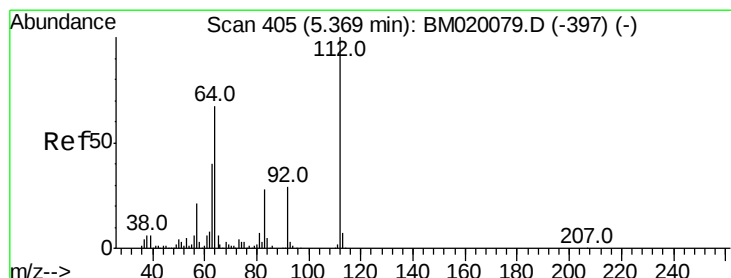
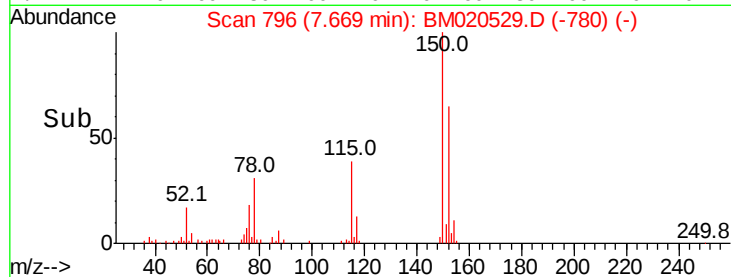
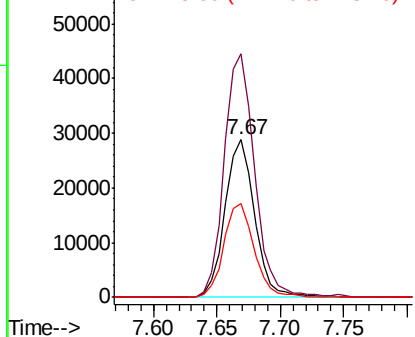
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM020529.D
Acq: 23 May 2019 23:10

Instrument :
BNA_M
ClientSampleId :
SU-03-052219-B

Tot Ion:152 Resp: 46780
Ion Ratio Lower Upper
152 100
150 154.8 119.8 179.8
115 59.6 50.8 76.2



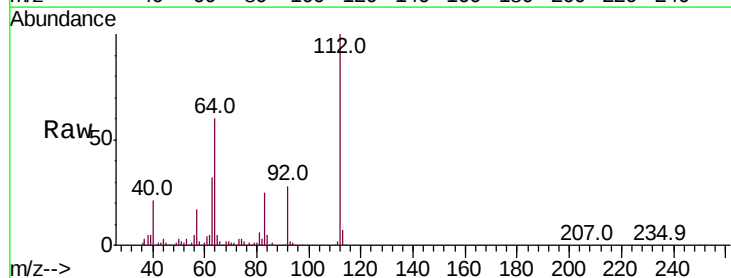
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



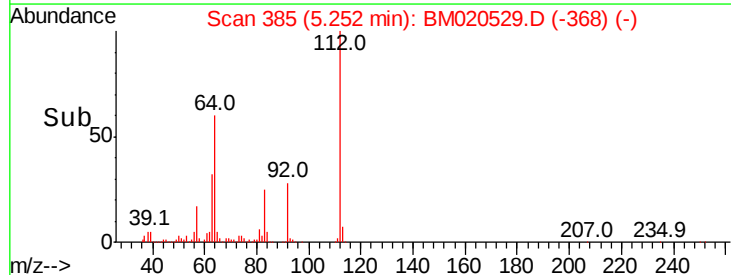
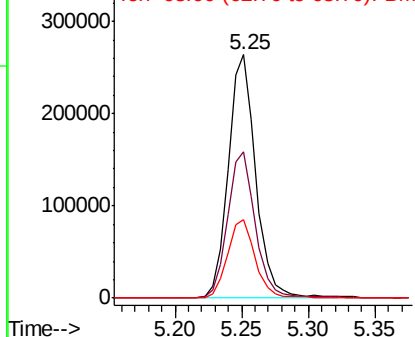
#5

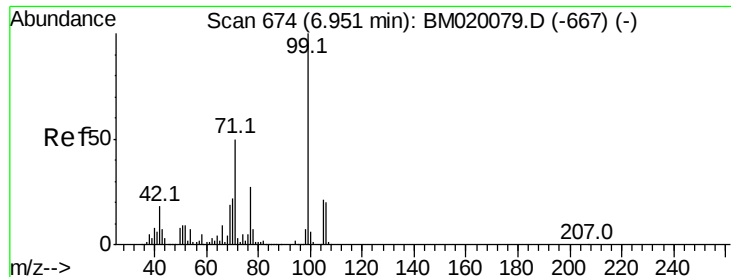
2-Fluorophenol
Concen: 132.866 ng
RT: 5.25 min Scan# 385
Delta R.T. 0.00 min
Lab File: BM020529.D
Acq: 23 May 2019 23:10

Tgt Ion:112 Resp: 380245
Ion Ratio Lower Upper
112 100
64 60.3 53.8 80.6
63 32.4 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: 112.171 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM020529.D

Acq: 23 May 2019 23:10

Instrument :

BNA_M

ClientSampleId :

SU-03-052219-B

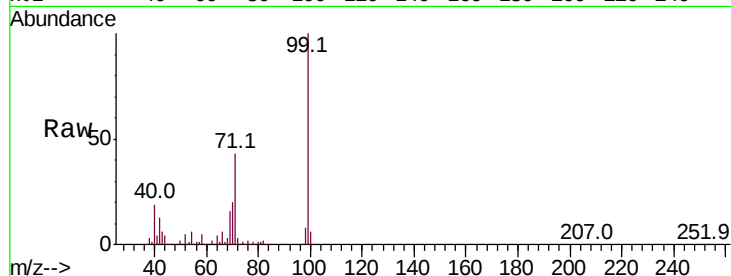
Tot Ion: 99 Resp: 438556

Ion Ratio Lower Upper

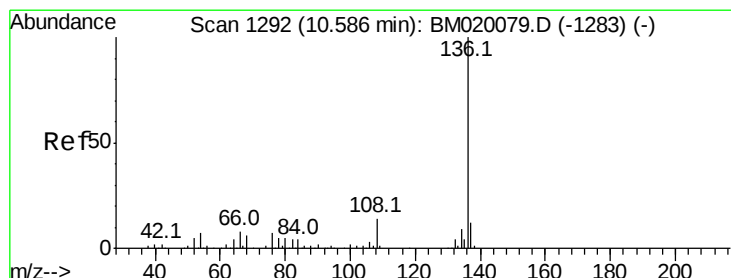
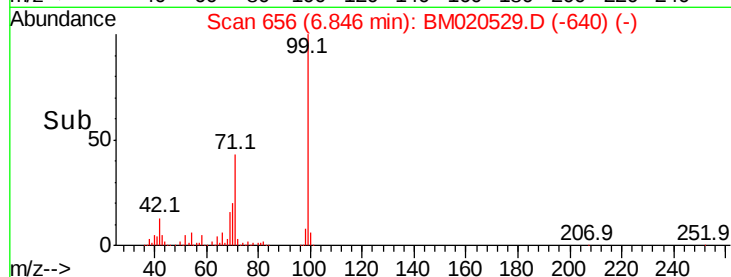
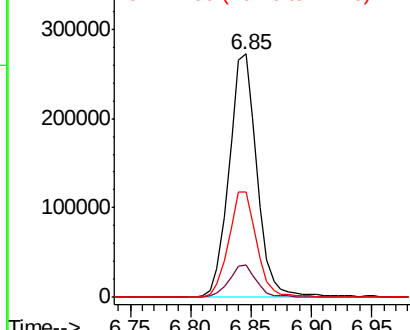
99 100

42 13.3 14.2 21.2#

71 43.4 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: 10.46 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BM020529.D

Acq: 23 May 2019 23:10

Tgt Ion: 136 Resp: 146030

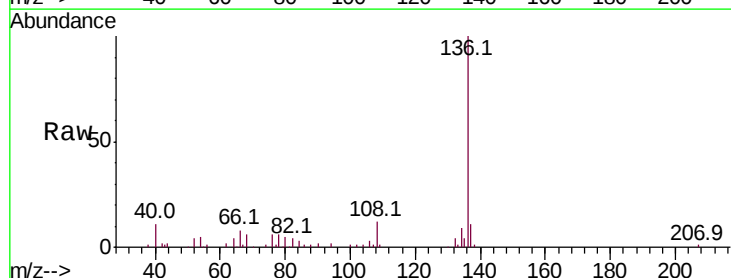
Ion Ratio Lower Upper

136 100

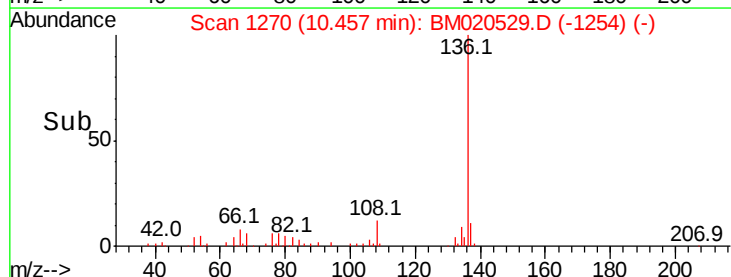
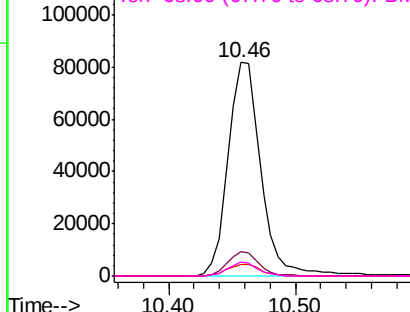
137 11.3 9.6 14.4

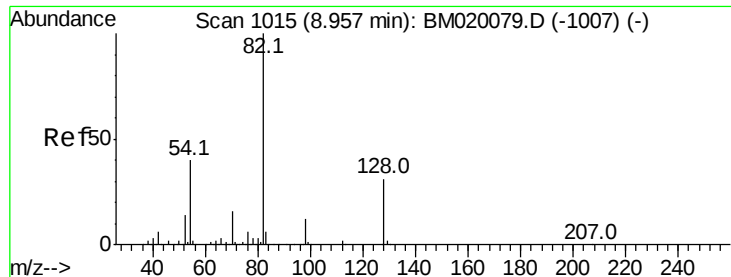
54 5.5 5.5 8.3#

68 6.5 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: 93.805 ng

RT: 8.84 min Scan# 995

Delta R.T. -0.01 min

Lab File: BM020529.D

Acq: 23 May 2019 23:10

Instrument :

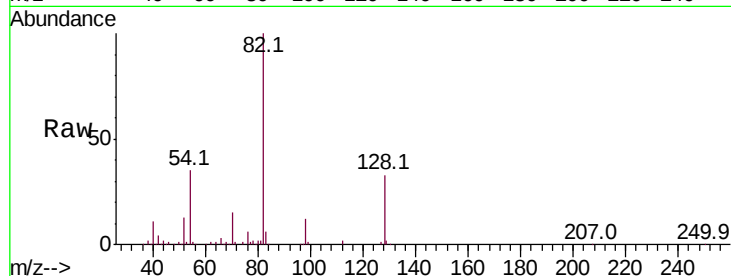
BNA_M

ClientSampleId :

SU-03-052219-B

Tot Ion: 82 Resp: 346967

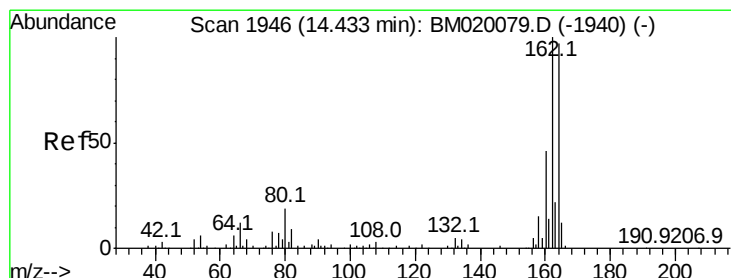
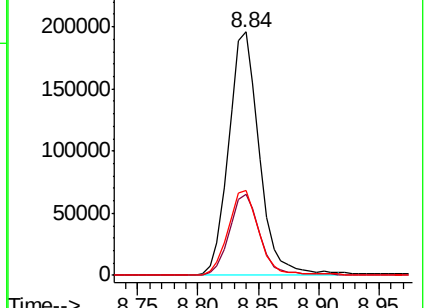
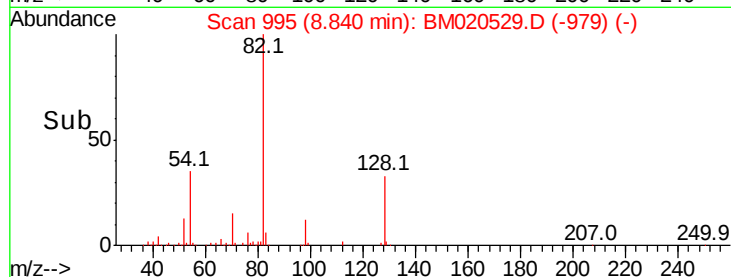
Ion	Ratio	Lower	Upper
82	100		
128	33.4	25.2	37.8
54	34.9	31.9	47.9



Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.33 min Scan# 1928

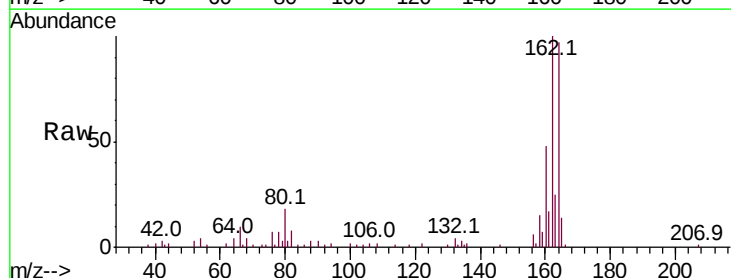
Delta R.T. -0.01 min

Lab File: BM020529.D

Acq: 23 May 2019 23:10

Tgt Ion: 164 Resp: 83916

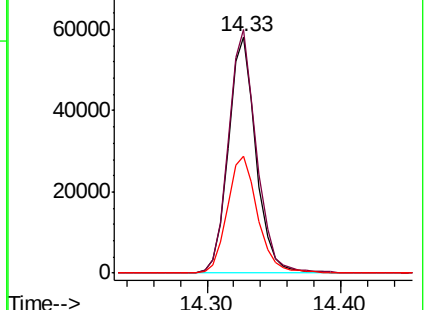
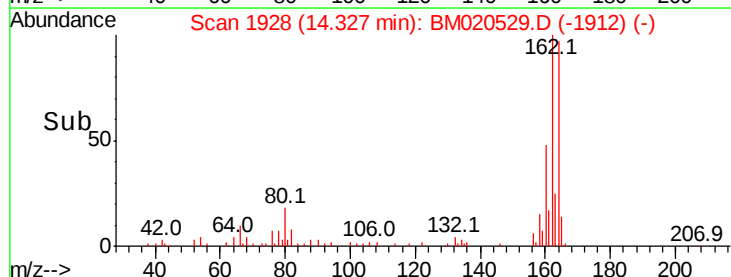
Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.2	123.2
160	49.3	37.6	56.4

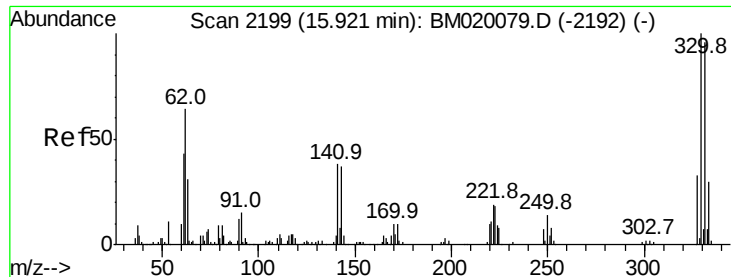


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

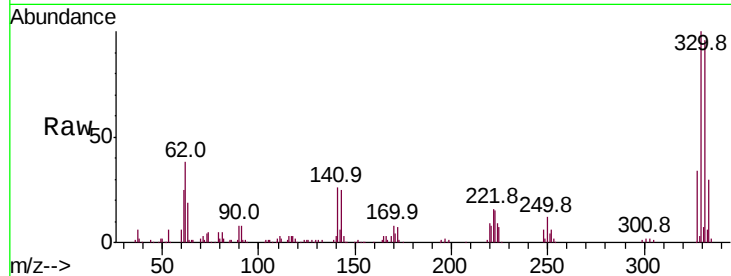




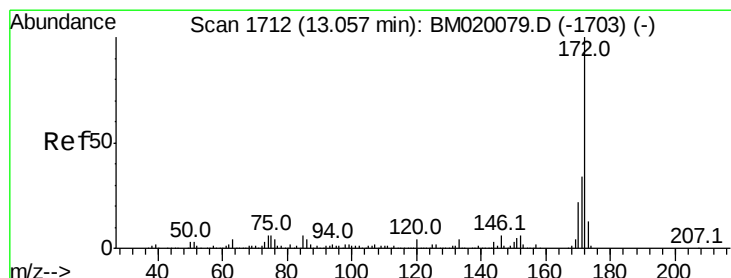
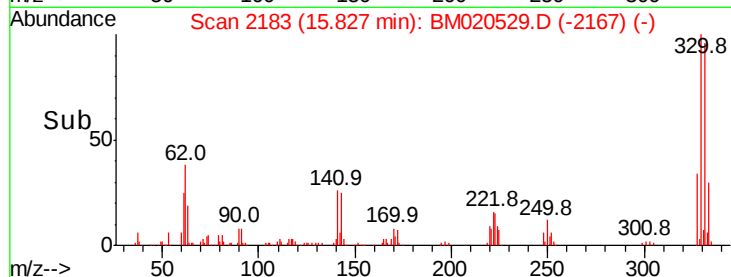
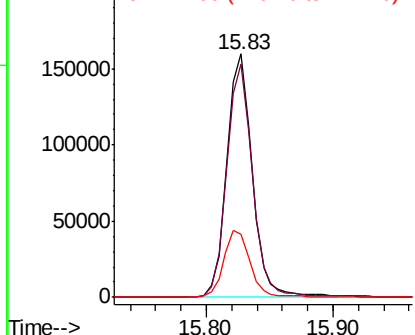
#42
 2,4,6-Tribromophenol
 Concen: 170.739 ng
 RT: 15.83 min Scan# 2183
 Delta R.T. -0.01 min
 Lab File: BM020529.D
 Acq: 23 May 2019 23:10

Instrument :
 BNA_M
 ClientSampleId :
 SU-03-052219-B

Tot Ion:330 Resp: 222393
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.8 115.2
 141 28.7 29.2 43.8#

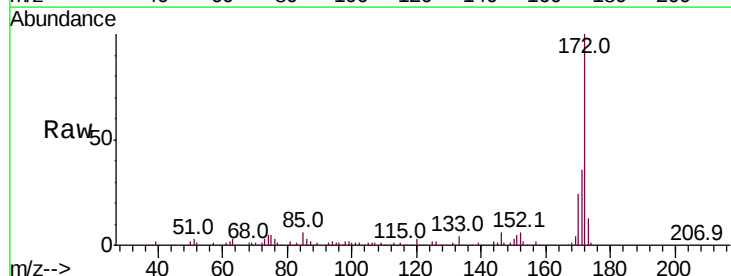


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

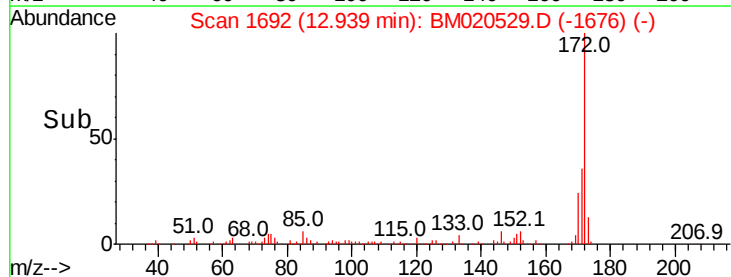
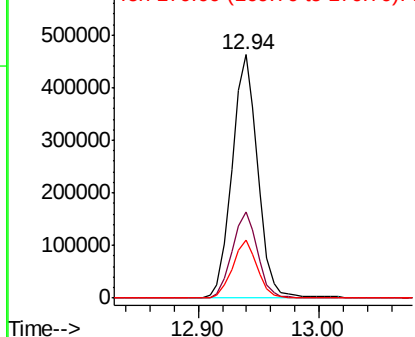


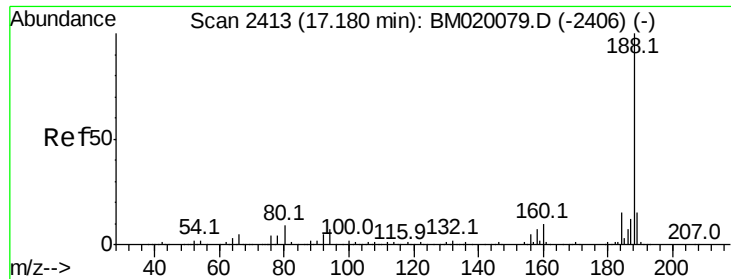
#45
 2-Fluorobiphenyl
 Concen: 100.502 ng
 RT: 12.94 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BM020529.D
 Acq: 23 May 2019 23:10

Tgt Ion:172 Resp: 685467
 Ion Ratio Lower Upper
 172 100
 171 35.5 27.3 40.9
 170 23.6 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

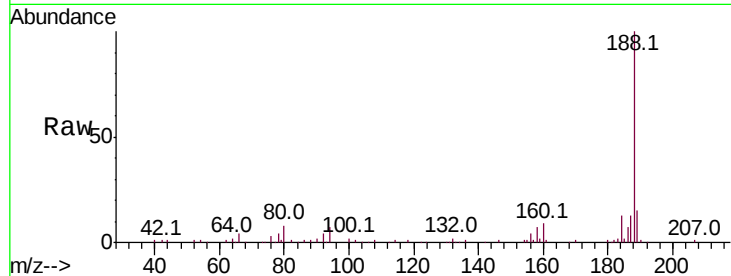




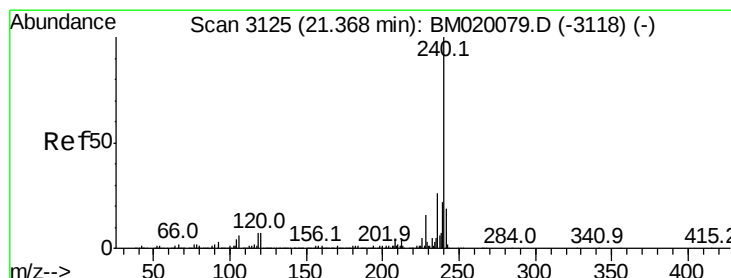
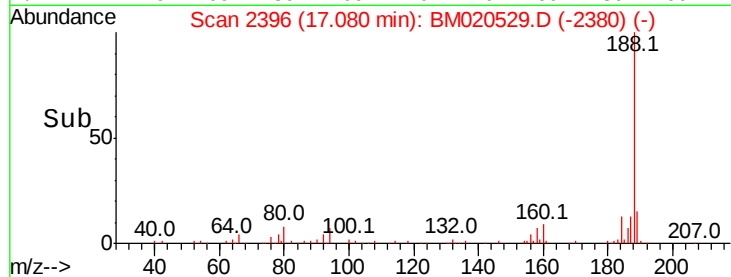
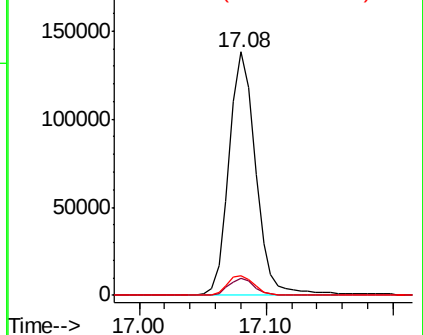
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2396
Delta R.T. -0.01 min
Lab File: BM020529.D
Acq: 23 May 2019 23:10

Instrument :
BNA_M
ClientSampleId :
SU-03-052219-B

Tot Ion:188 Resp: 202455
Ion Ratio Lower Upper
188 100
94 6.8 5.8 8.6
80 8.3 7.4 11.2

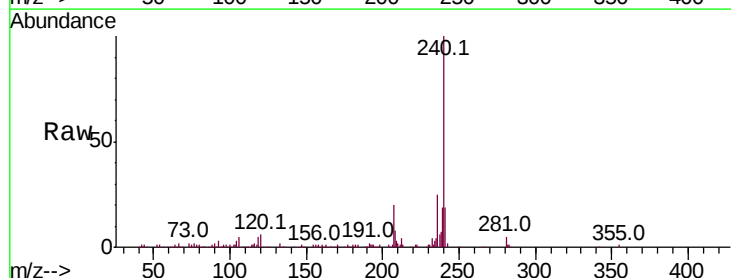


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

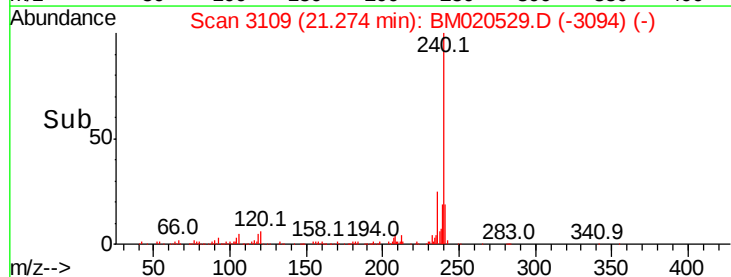
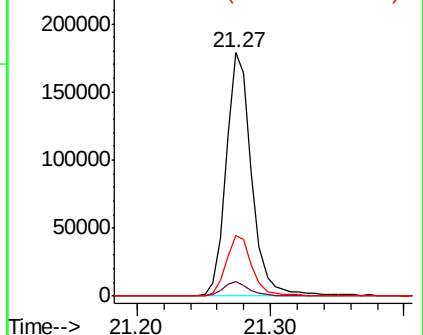


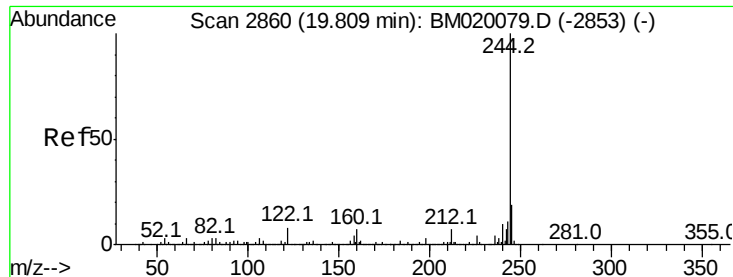
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM020529.D
Acq: 23 May 2019 23:10

Tgt Ion:240 Resp: 240856
Ion Ratio Lower Upper
240 100
120 5.8 5.6 8.4
236 25.0 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: 92.792 ng

RT: 19.72 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BM020529.D

Acq: 23 May 2019 23:10

Instrument :

BNA_M

ClientSampleId :

SU-03-052219-B

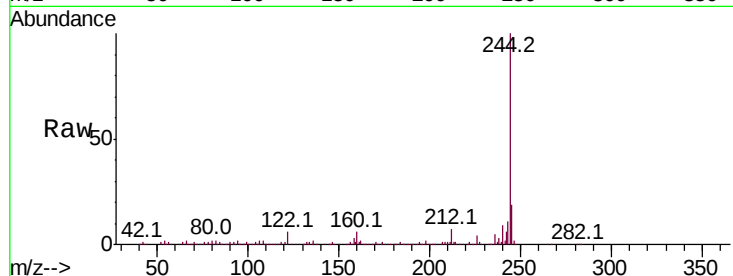
Tot Ion:244 Resp: 1281354

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

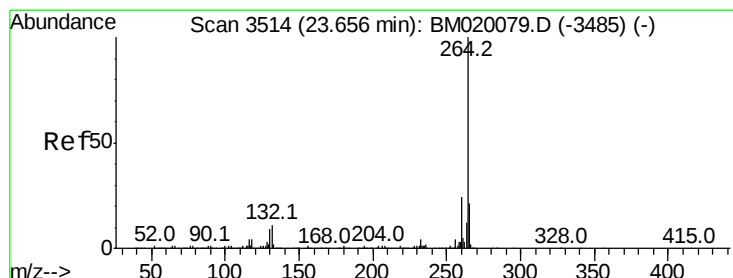
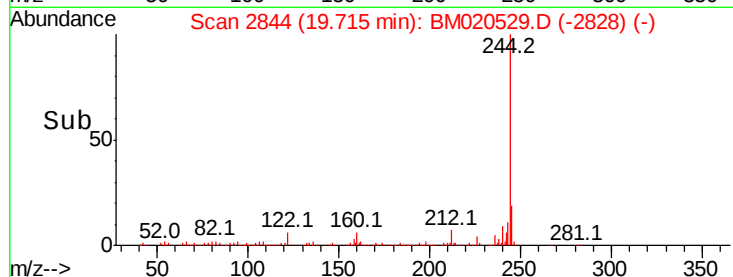
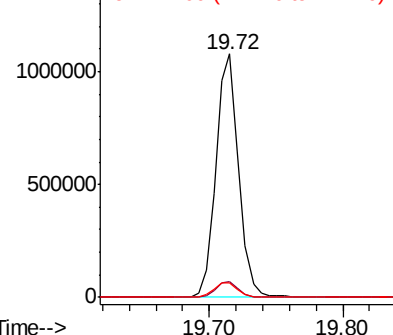
122 5.8 6.2 9.2#



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# 3491

Delta R.T. -0.01 min

Lab File: BM020529.D

Acq: 23 May 2019 23:10

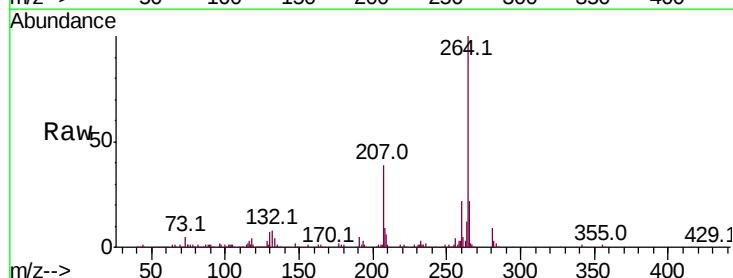
Tgt Ion:264 Resp: 296690

Ion Ratio Lower Upper

264 100

260 22.4 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

