

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060920\
 Data File : BM026311.D
 Acq On : 09 Jun 2020 21:10
 Operator : JU/CG
 Sample : PB129443BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB129443BL

Quant Time: Jun 10 00:24:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 09 14:46:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	172041	20.00	ng	0.00
21) Naphthalene-d8	10.19	136	695929	20.00	ng	0.00
39) Acenaphthene-d10	14.08	164	425272	20.00	ng	0.00
64) Phenanthrene-d10	16.83	188	847617	20.00	ng	0.00
76) Chrysene-d12	21.04	240	690148	20.00	ng	0.00
86) Perylene-d12	23.14	264	683569	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	1172014	120.45	ng	0.00
7) Phenol-d6	6.64	99	1594680	113.17	ng	0.00
23) Nitrobenzene-d5	8.57	82	1139885	80.42	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	614077	119.20	ng	0.00
45) 2-Fluorobiphenyl	12.69	172	2377205	84.85	ng	0.00
79) Terphenyl-d14	19.49	244	3174161	89.28	ng	0.00

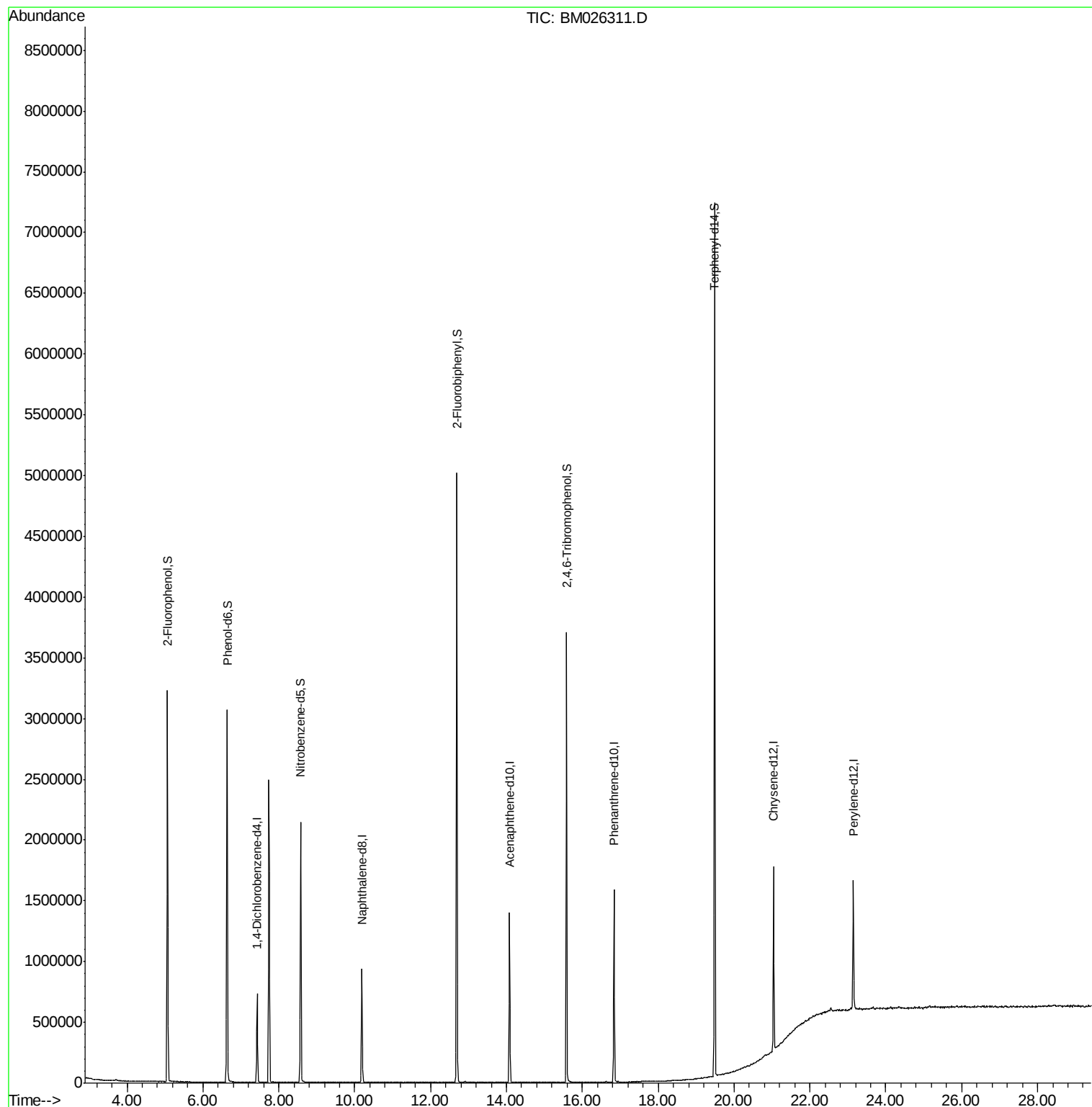
Target Compounds Qvalue

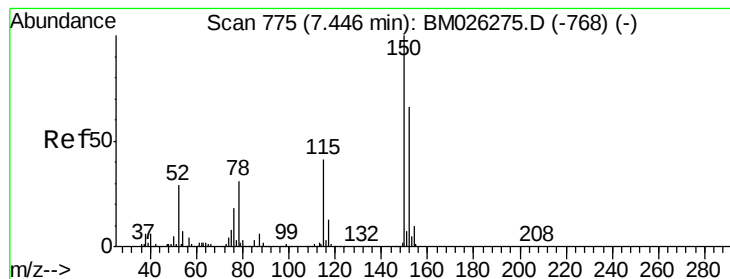
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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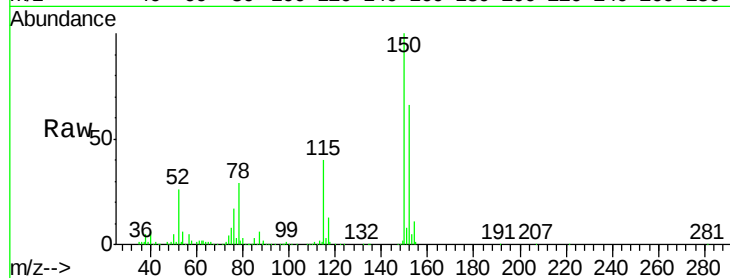


#1

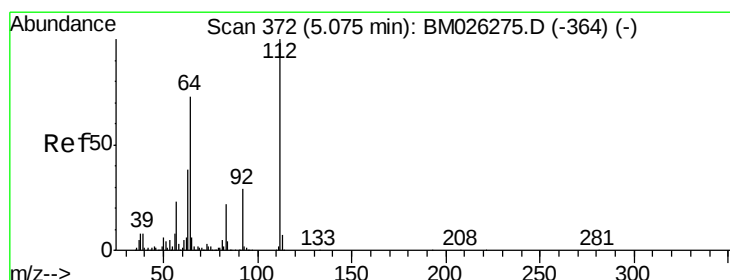
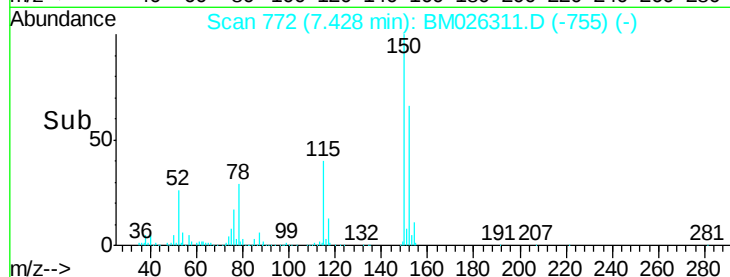
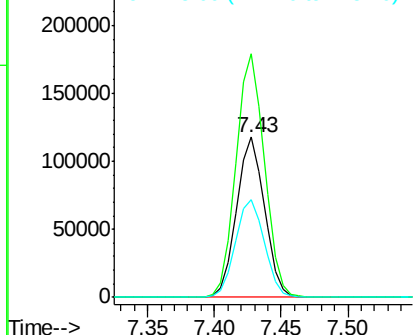
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.43 min Scan# 772
Delta R.T. -0.00 min
Lab File: BM026311.D
Acq: 09 Jun 2020 21:10

Instrument :
BNA_M
ClientSampleId :
PB129443BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	122.1	183.1
115	61.3	49.7	74.5



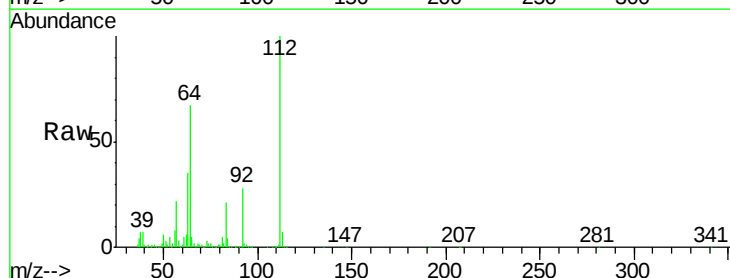
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



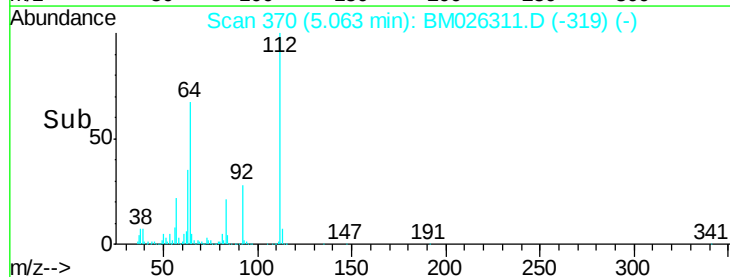
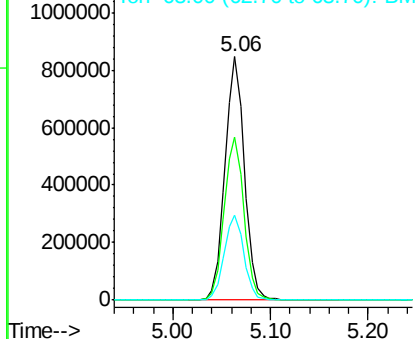
#5

2-Fluorophenol
Concen: 120.446 ng
RT: 5.06 min Scan# 370
Delta R.T. -0.00 min
Lab File: BM026311.D
Acq: 09 Jun 2020 21:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.0	58.1	87.1
63	34.8	30.6	45.8



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: 113.174 ng

RT: 6.64 min Scan# 638

Delta R.T. 0.01 min

Lab File: BM026311.D

Acq: 09 Jun 2020 21:10

Instrument :

BNA_M

ClientSampleId :

PB129443BL

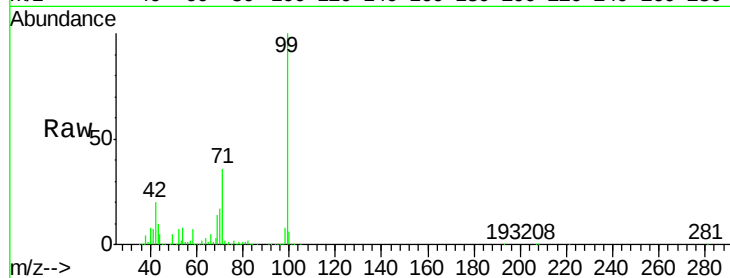
Tot Ion: 99 Resp: 1594680

Ion Ratio Lower Upper

99 100

42 20.4 18.0 27.0

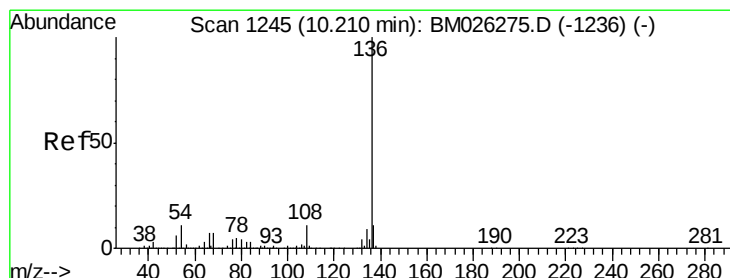
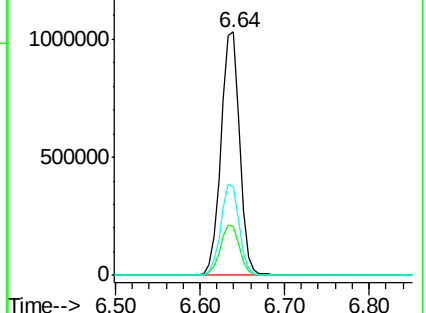
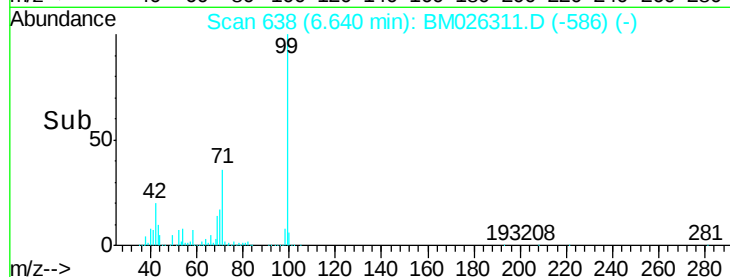
71 36.5 30.6 45.8



Abundance Ion 99.00 (98.70 to 99.70): BM026311.D (-586) (-)

Ion 42.00 (41.70 to 42.70): BM026311.D (-586) (-)

Ion 71.00 (70.70 to 71.70): BM026311.D (-586) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.19 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BM026311.D

Acq: 09 Jun 2020 21:10

Tgt Ion: 136 Resp: 695929

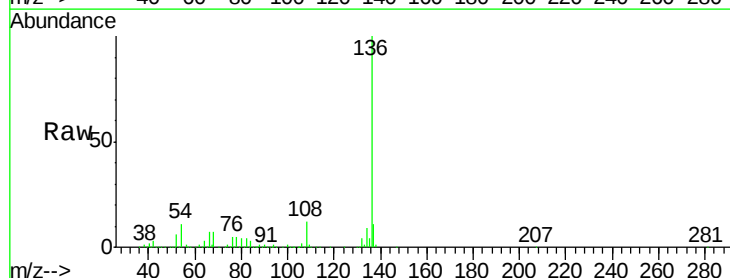
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 10.7 9.0 13.4

68 7.2 5.6 8.4

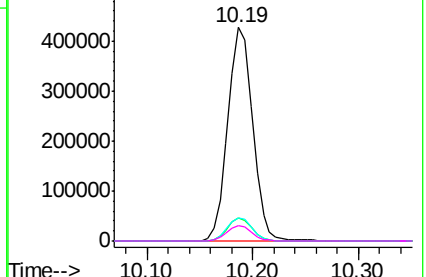
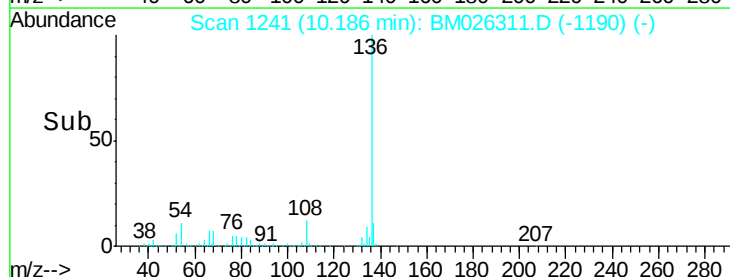


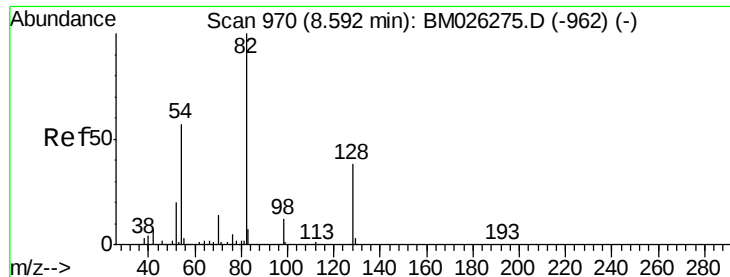
Abundance Ion 136.00 (135.70 to 136.70): BM026311.D (-1190) (-)

Ion 137.00 (136.70 to 137.70): BM026311.D (-1190) (-)

Ion 54.00 (53.70 to 54.70): BM026311.D (-1190) (-)

Ion 68.00 (67.70 to 68.70): BM026311.D (-1190) (-)



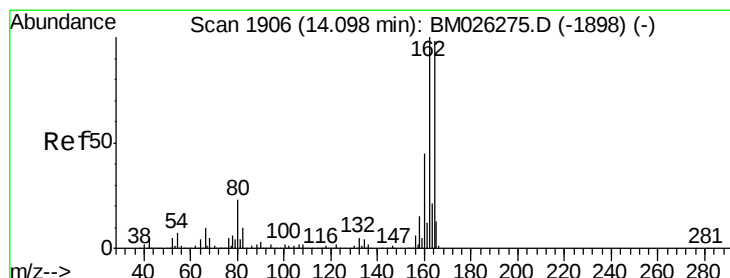
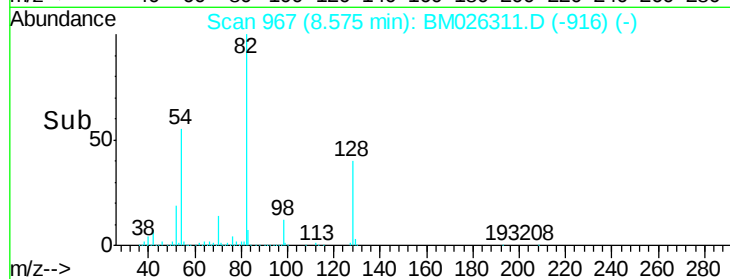
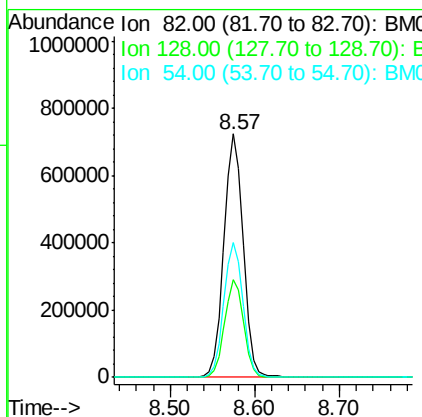
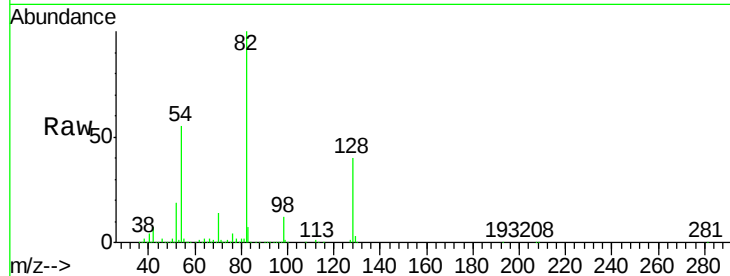


#23
 Nitrobenzene-d5
 Concen: 80.422 ng
 RT: 8.57 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: BM026311.D
 Acq: 09 Jun 2020 21:10

Instrument :
 BNA_M
 ClientSampleId :
 PB129443BL

Tot Ion: 82 Resp: 1139885

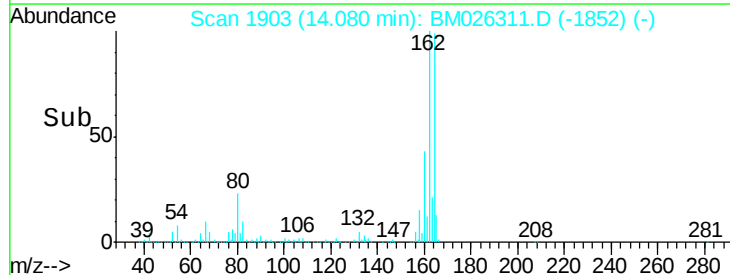
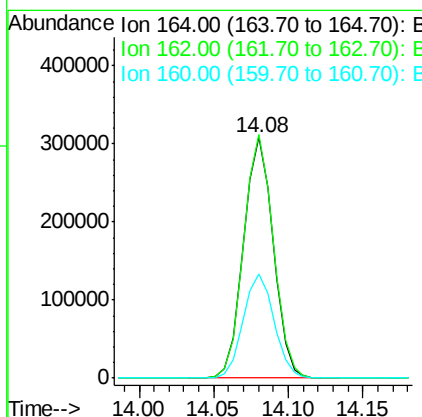
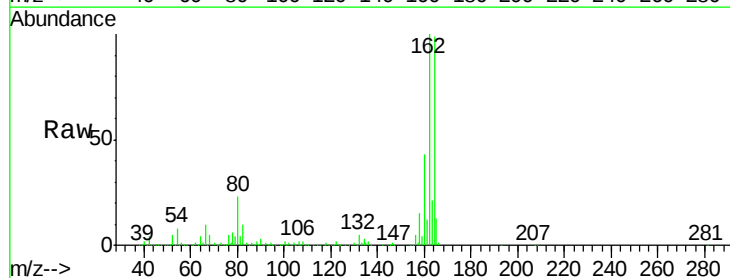
Ion	Ratio	Lower	Upper
82	100		
128	40.3	30.3	45.5
54	55.2	45.4	68.2

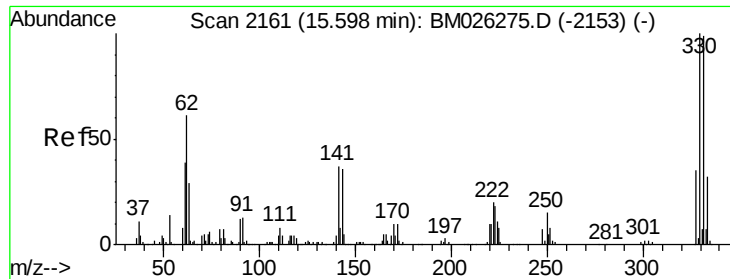


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.08 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: BM026311.D
 Acq: 09 Jun 2020 21:10

Tgt Ion: 164 Resp: 425272

Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.4	122.2
160	43.5	36.4	54.6





#42

2,4,6-Tribromophenol

Concen: 119.203 ng

RT: 15.59 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BM026311.D

Acq: 09 Jun 2020 21:10

Instrument :

BNA_M

ClientSampleId :

PB129443BL

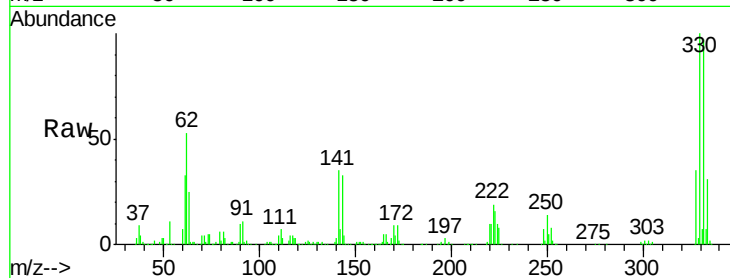
Tot Ion:330 Resp: 614077

Ion Ratio Lower Upper

330 100

332 97.2 78.1 117.1

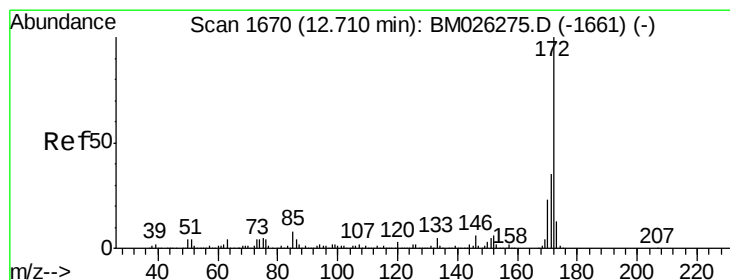
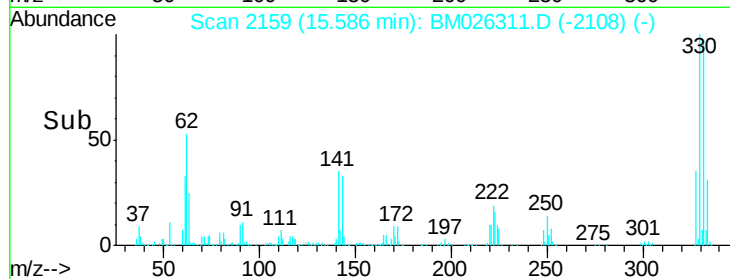
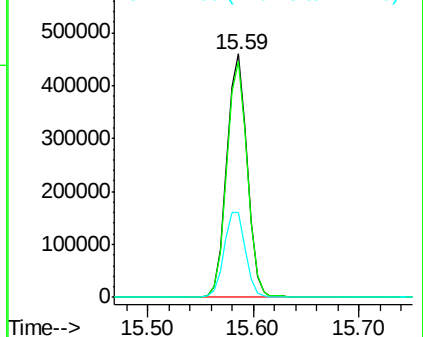
141 36.8 30.0 45.0



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: 84.852 ng

RT: 12.69 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BM026311.D

Acq: 09 Jun 2020 21:10

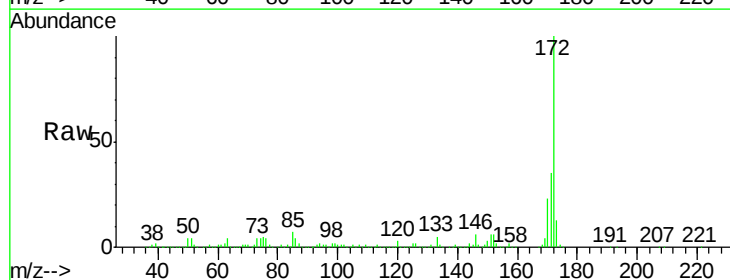
Tgt Ion:172 Resp: 2377205

Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.2

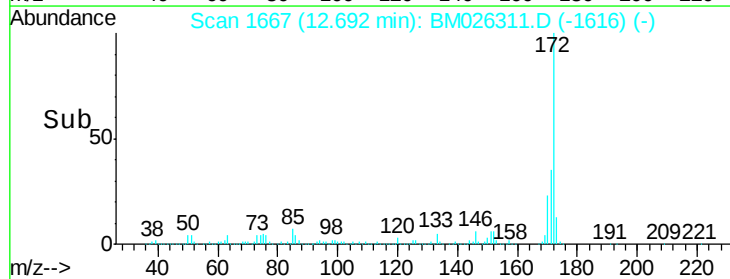
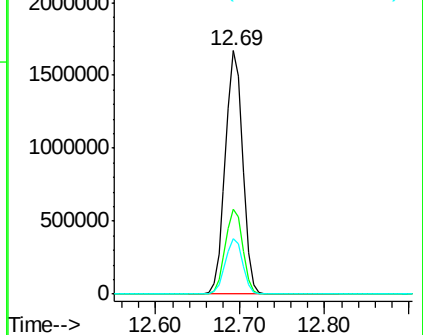
170 22.9 18.3 27.5

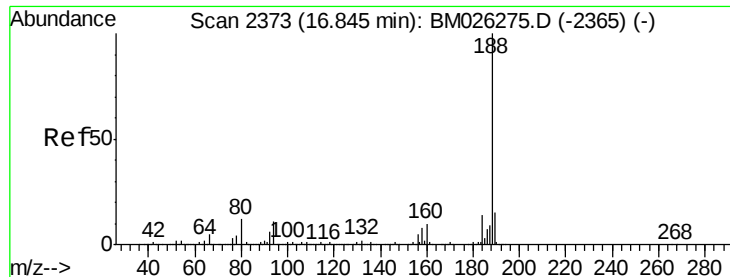


Abundance Ion 172.00 (171.70 to 172.70): E

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: 16.83 min Scan# 2371

Delta R.T. -0.00 min

Lab File: BM026311.D

Acq: 09 Jun 2020 21:10

Instrument :

BNA_M

ClientSampleId :

PB129443BL

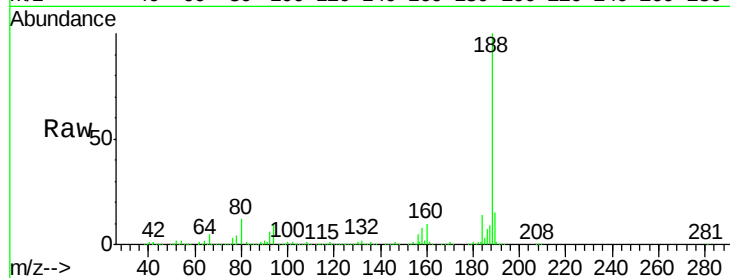
Tot Ion:188 Resp: 847617

Ion Ratio Lower Upper

188 100

94 10.2 8.6 12.8

80 12.0 9.7 14.5

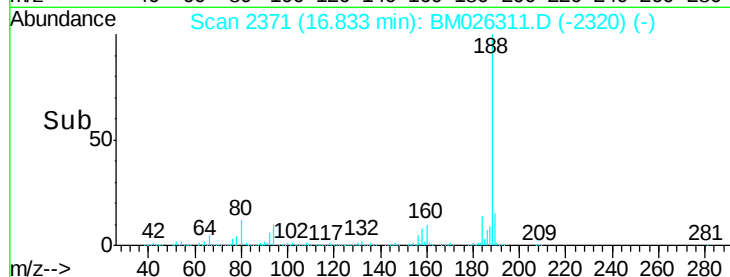


Abundance Ion 188.00 (187.70 to 188.70): E

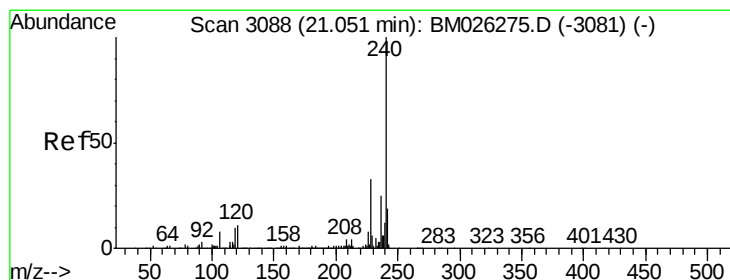
Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

16.83



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.04 min Scan# 3086

Delta R.T. -0.01 min

Lab File: BM026311.D

Acq: 09 Jun 2020 21:10

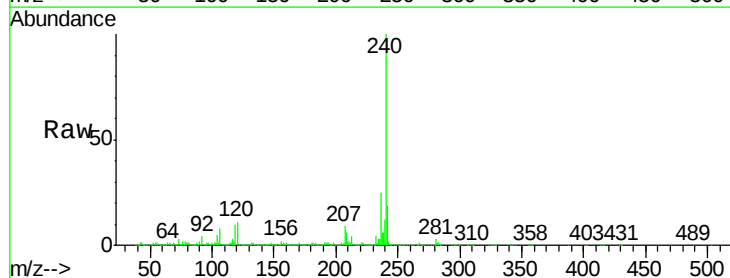
Tgt Ion:240 Resp: 690148

Ion Ratio Lower Upper

240 100

120 10.6 8.9 13.3

236 25.3 19.7 29.5

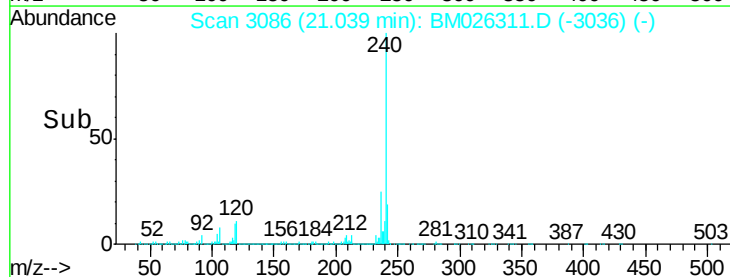


Abundance Ion 240.00 (239.70 to 240.70): E

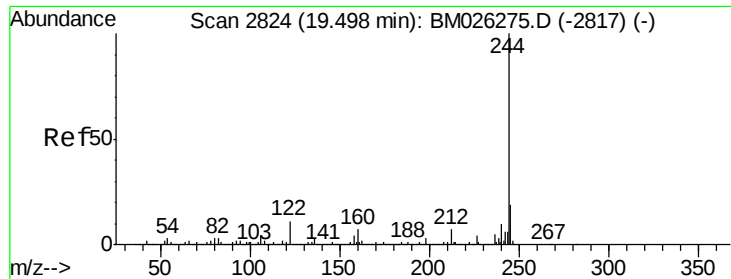
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.04



Time-->



#79

Terphenyl-d14

Concen: 89.279 ng

RT: 19.49 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BM026311.D

Acq: 09 Jun 2020 21:10

Instrument :

BNA_M

ClientSampleId :

PB129443BL

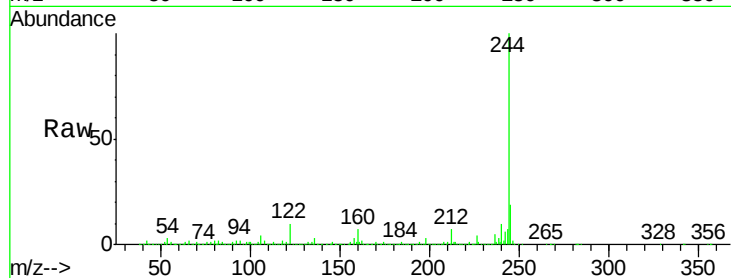
Tot Ion:244 Resp: 3174161

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

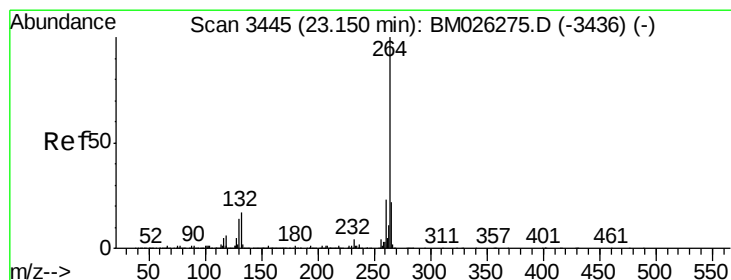
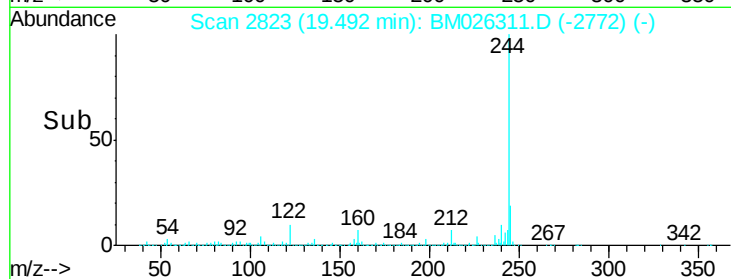
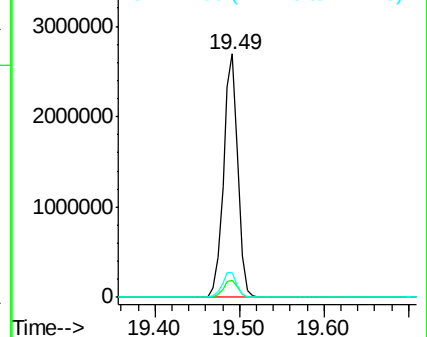
122 10.2 9.1 13.7



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.14 min Scan# 3444

Delta R.T. -0.00 min

Lab File: BM026311.D

Acq: 09 Jun 2020 21:10

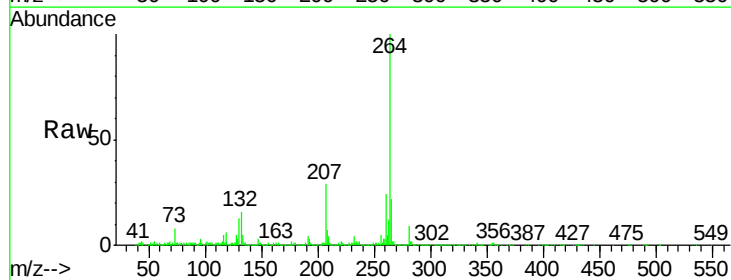
Tgt Ion:264 Resp: 683569

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 22.2 18.2 27.2



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

