

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082120\
 Data File : BM027177.D
 Acq On : 21 Aug 2020 19:40
 Operator : JU/CG
 Sample : L3720-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FB

Quant Time: Aug 22 05:30:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 21 15:18:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	83818	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	283088	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	169259	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	351875	20.00	ng	0.00
76) Chrysene-d12	21.19	240	363232	20.00	ng	0.00
86) Perylene-d12	23.38	264	394129	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	334855	77.88	ng	0.00
7) Phenol-d6	6.79	99	297845	50.45	ng	0.00
23) Nitrobenzene-d5	8.76	82	661693	96.44	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	324078	118.24	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	1247219	96.80	ng	0.00
79) Terphenyl-d14	19.64	244	1683541	86.58	ng	0.00

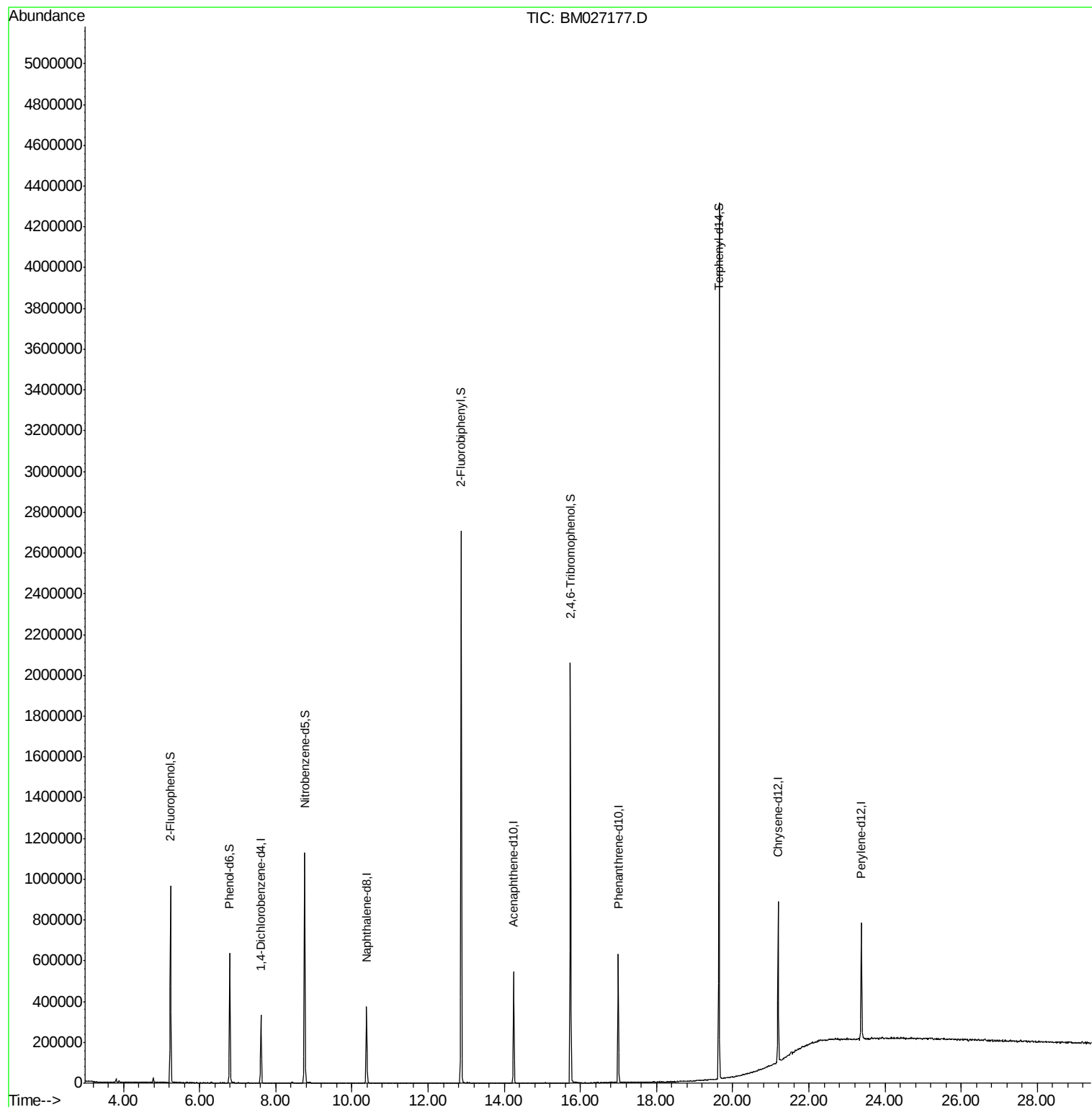
Target Compounds Qvalue

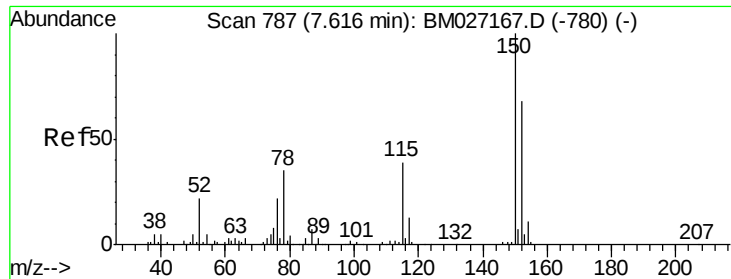
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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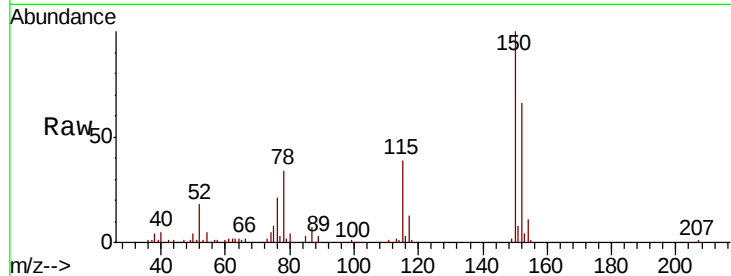


#1

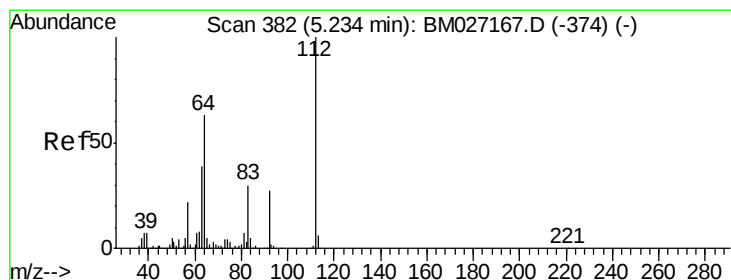
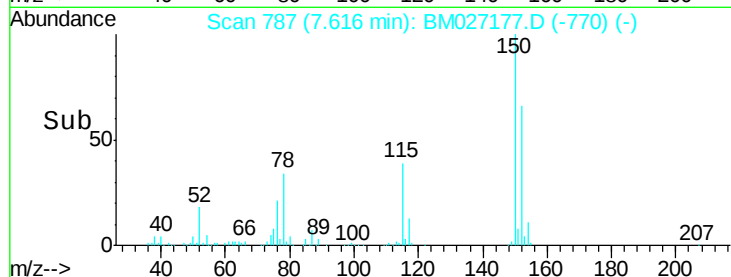
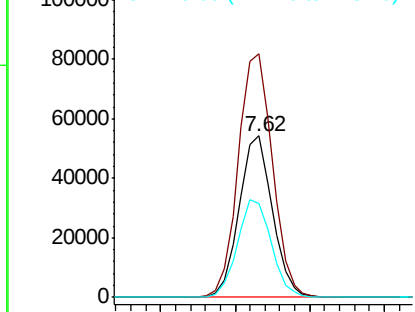
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM027177.D
Acq: 21 Aug 2020 19:40

Instrument :
BNA_M
ClientSampleId :
FB

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	118.2	177.4
115	58.6	46.1	69.1



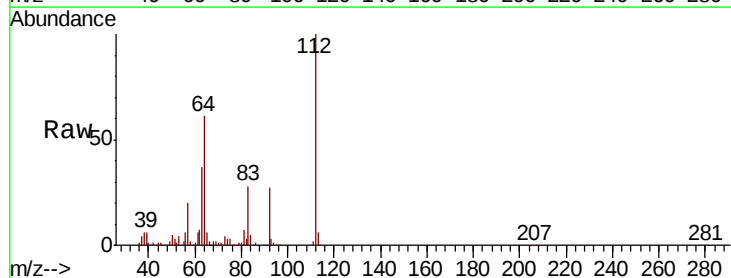
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



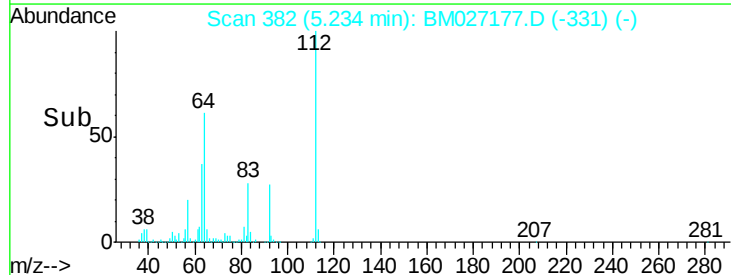
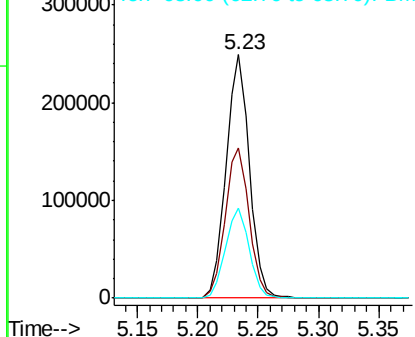
#5

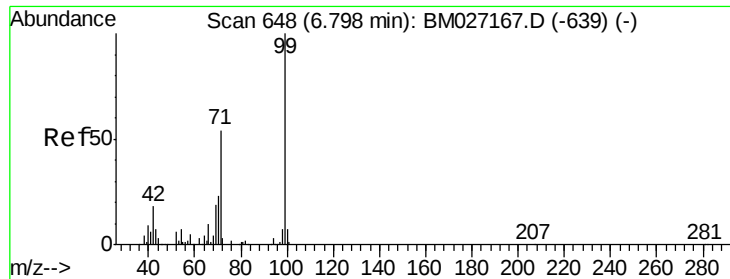
2-Fluorophenol
Concen: 77.881 ng
RT: 5.23 min Scan# 382
Delta R.T. -0.00 min
Lab File: BM027177.D
Acq: 21 Aug 2020 19:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.4	50.0	75.0
63	36.9	31.6	47.4



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: 50.454 ng

RT: 6.79 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM027177.D

Acq: 21 Aug 2020 19:40

Instrument :

BNA_M

ClientSampleId :

FB

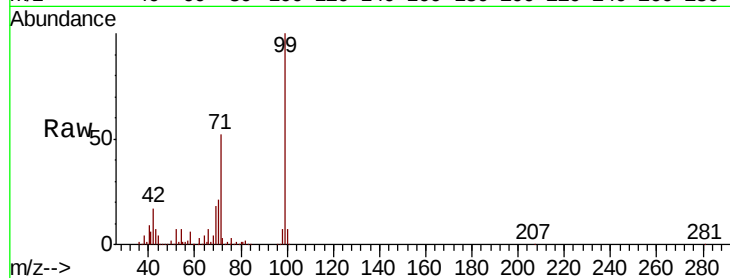
Tot Ion: 99 Resp: 297845

Ion Ratio Lower Upper

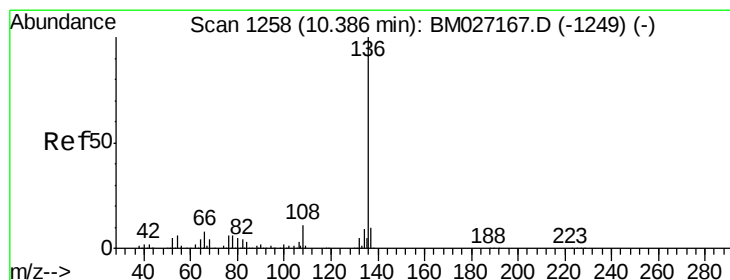
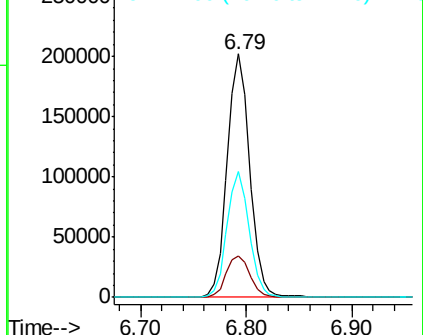
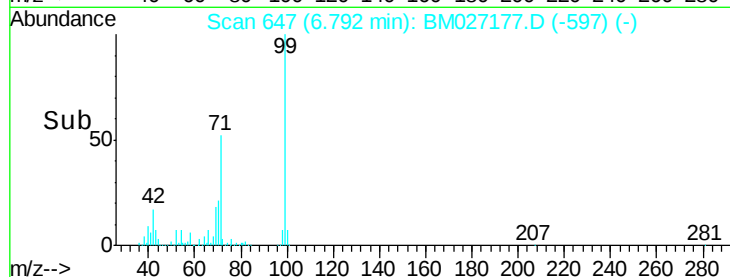
99 100

42 17.0 14.5 21.7

71 51.6 43.0 64.4



Abundance Ion 99.00 (98.70 to 99.70): BM027177.D (-597) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.38 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BM027177.D

Acq: 21 Aug 2020 19:40

Tgt Ion: 136 Resp: 283088

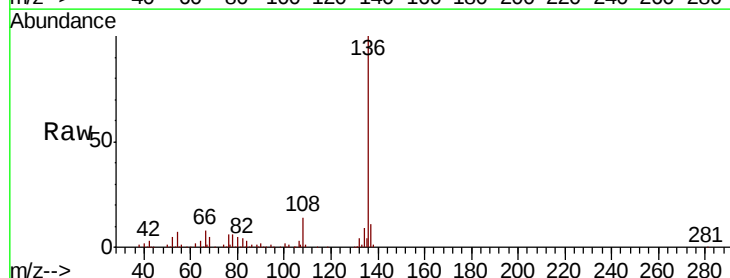
Ion Ratio Lower Upper

136 100

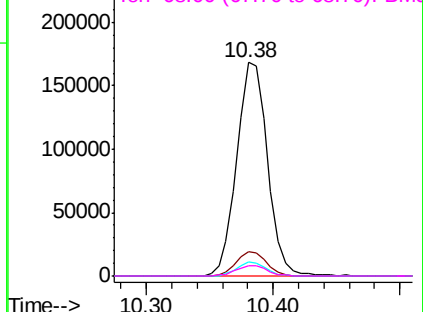
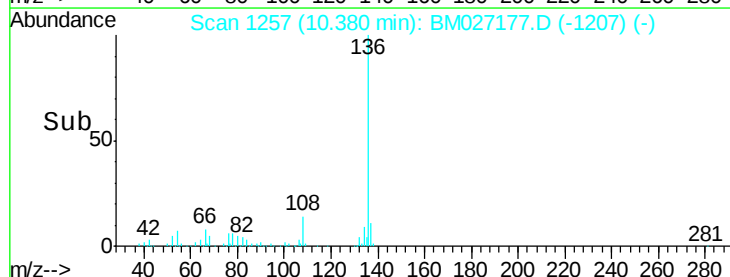
137 11.1 8.2 12.4

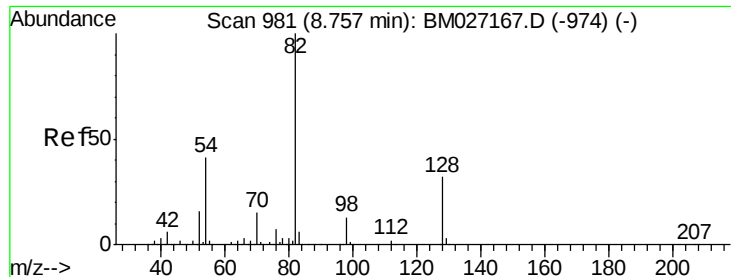
54 6.5 4.8 7.2

68 4.7 3.5 5.3



Abundance Ion 136.00 (135.70 to 136.70): BM027177.D (-1207) (-)

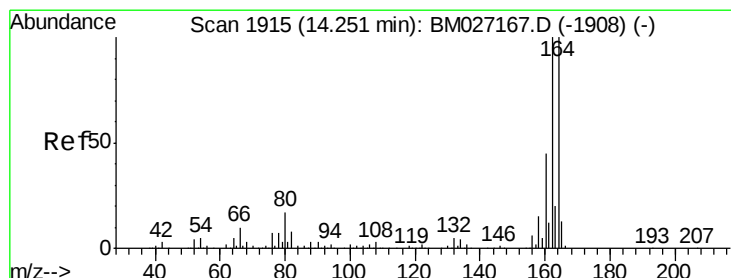
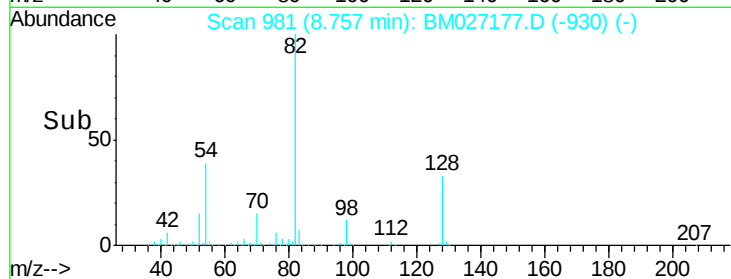
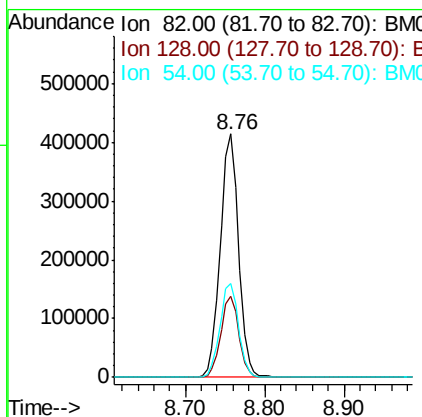
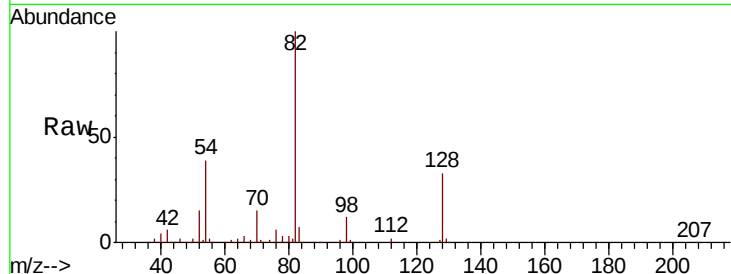




#23
Nitrobenzene-d5
Concen: 96.435 ng
RT: 8.76 min Scan# 981
Delta R.T. -0.00 min
Lab File: BM027177.D
Acq: 21 Aug 2020 19:40

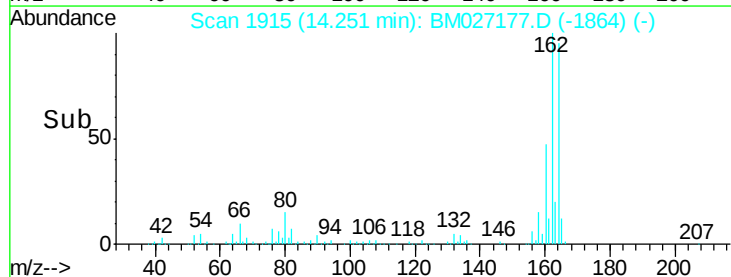
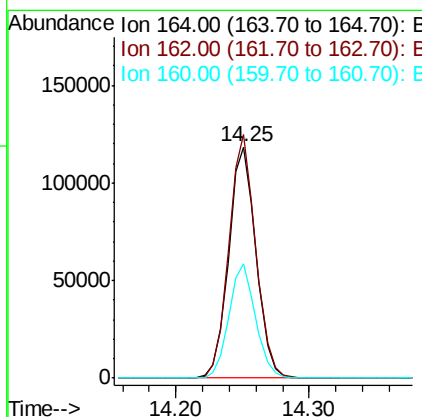
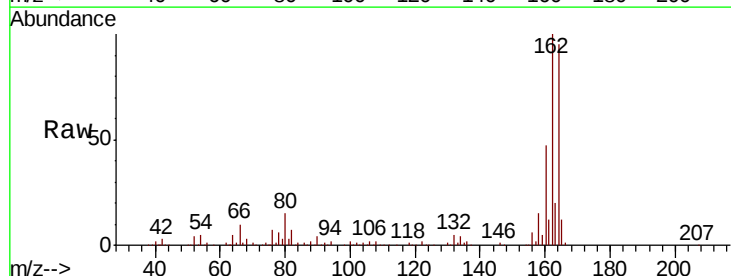
Instrument :
BNA_M
ClientSampled :
FB

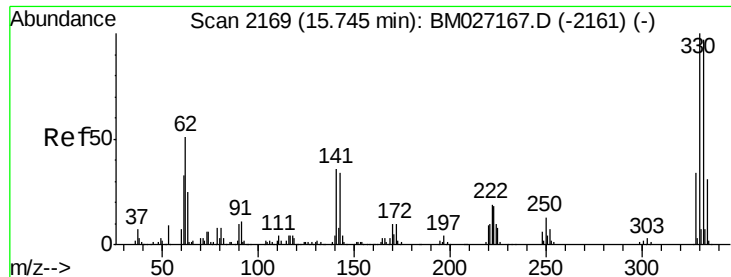
Tot Ion	82	Resp	661693
Ion Ratio	100	Lower	Upper
128	33.3	25.7	38.5
54	38.8	33.0	49.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.25 min Scan# 1915
Delta R.T. -0.00 min
Lab File: BM027177.D
Acq: 21 Aug 2020 19:40

Tgt Ion	164	Resp	169259
Ion Ratio	100	Lower	Upper
162	105.3	80.2	120.4
160	49.4	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 118.240 ng

RT: 15.74 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BM027177.D

Acq: 21 Aug 2020 19:40

Instrument :

BNA_M

ClientSampleId :

FB

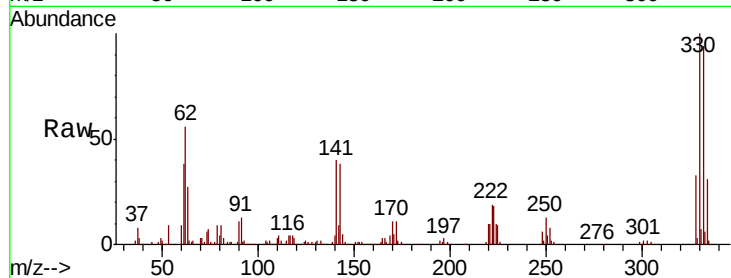
Tot Ion:330 Resp: 324078

Ion Ratio Lower Upper

330 100

332 96.5 77.2 115.8

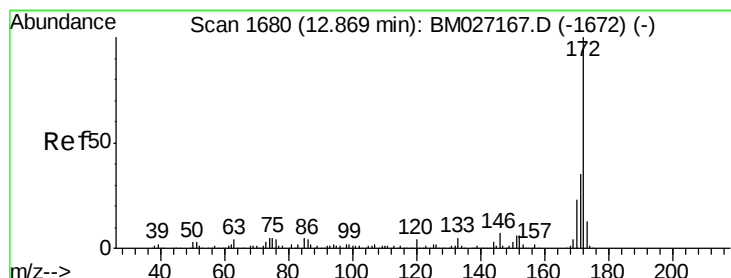
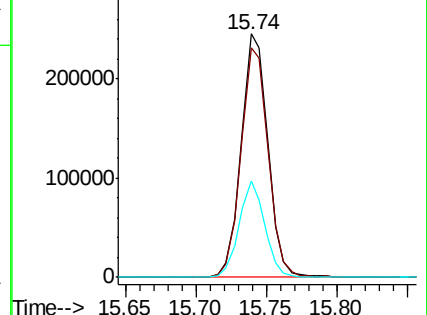
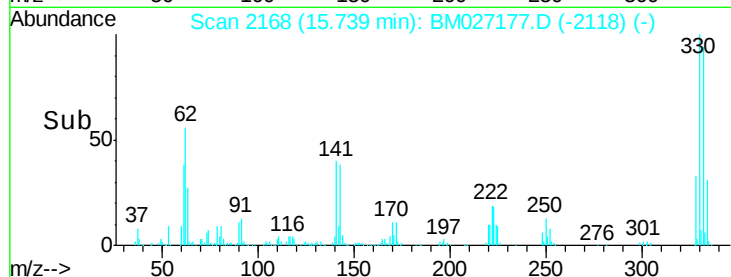
141 38.1 31.0 46.6



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: 96.797 ng

RT: 12.87 min Scan# 1680

Delta R.T. -0.00 min

Lab File: BM027177.D

Acq: 21 Aug 2020 19:40

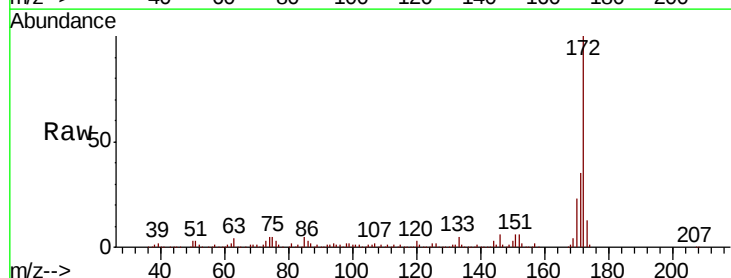
Tgt Ion:172 Resp: 1247219

Ion Ratio Lower Upper

172 100

171 35.4 28.1 42.1

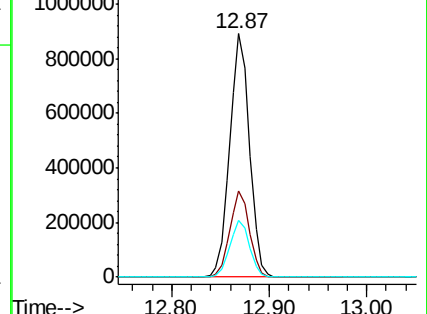
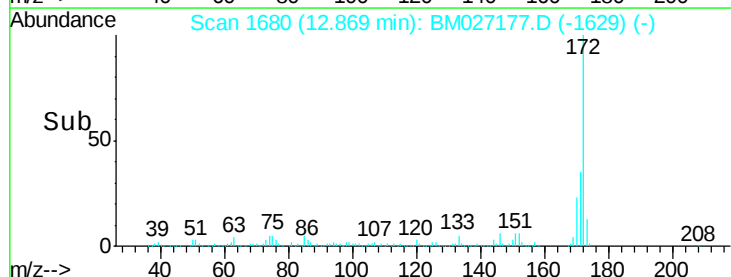
170 23.4 18.6 28.0

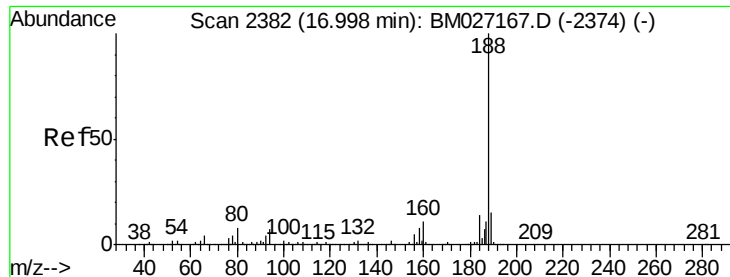


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

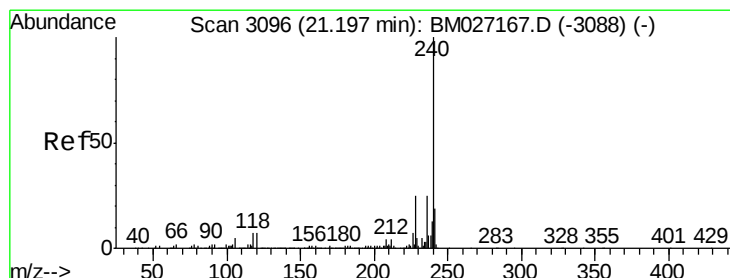
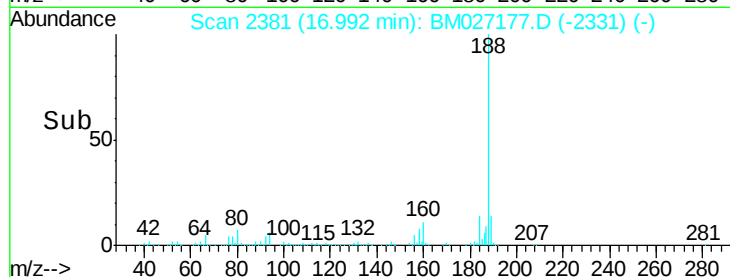
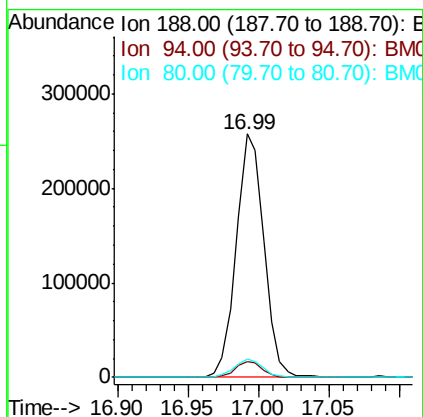
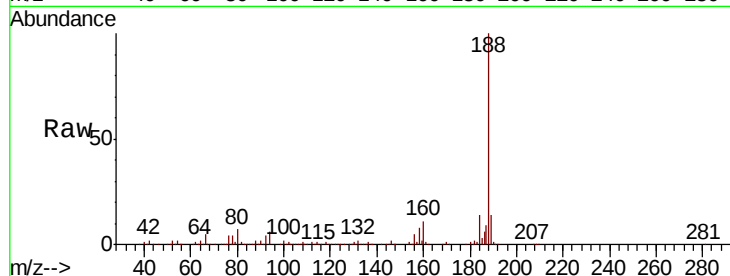




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BM027177.D
Acq: 21 Aug 2020 19:40

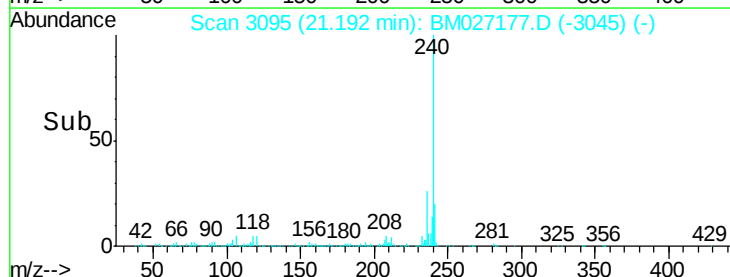
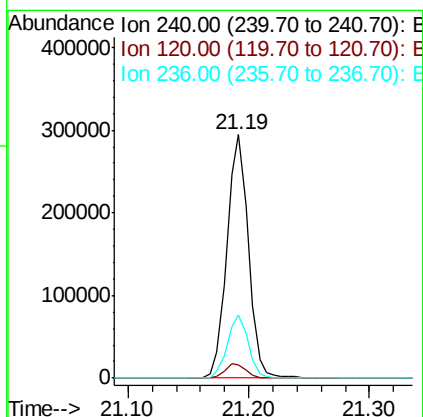
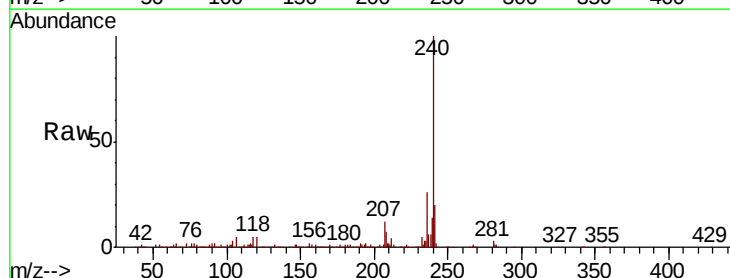
Instrument :
BNA_M
ClientSampleId :
FB

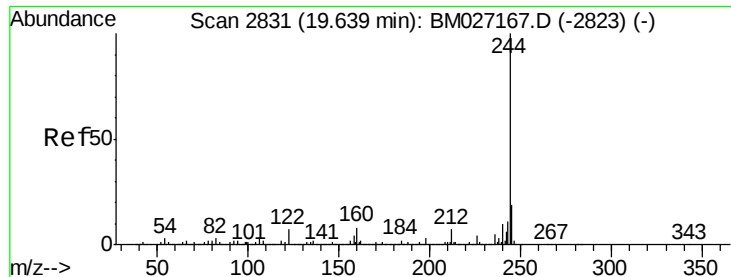
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.5	8.3
80	7.4	6.2	9.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM027177.D
Acq: 21 Aug 2020 19:40

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.5	5.6	8.4#
236	25.9	19.8	29.6





#79

Terphenyl-d14

Concen: 86.582 ng

RT: 19.64 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BM027177.D

Acq: 21 Aug 2020 19:40

Instrument :

BNA_M

ClientSampleId :

FB

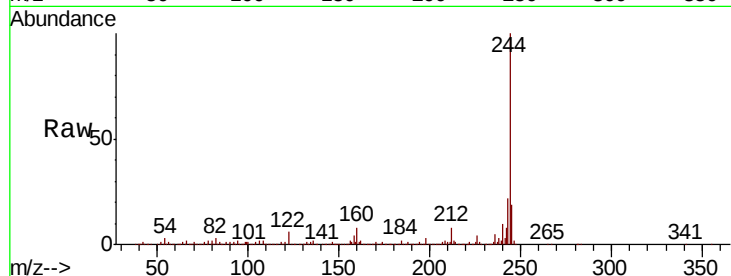
Tot Ion:244 Resp: 1683541

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

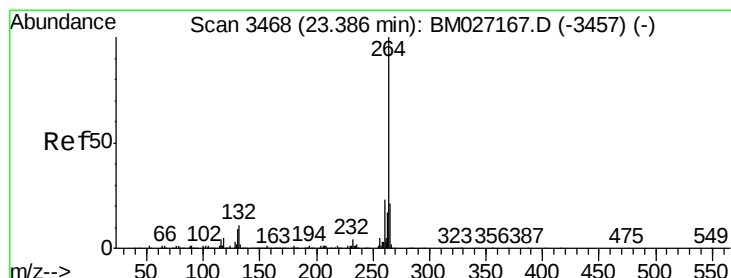
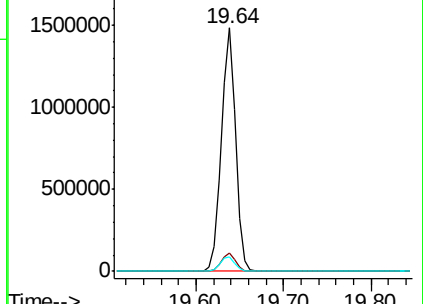
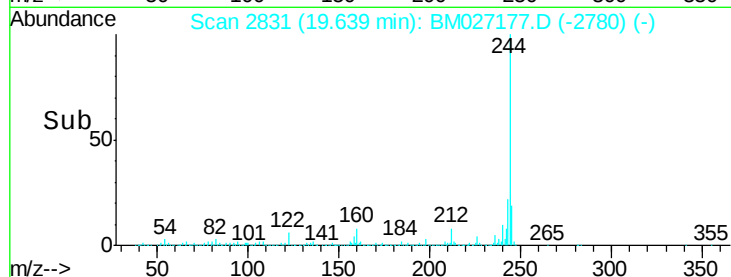
122 5.9 5.8 8.8



Abundance Ion 244.00 (243.70 to 244.70): E

2000000 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: 23.38 min Scan# 3467

Delta R.T. -0.01 min

Lab File: BM027177.D

Acq: 21 Aug 2020 19:40

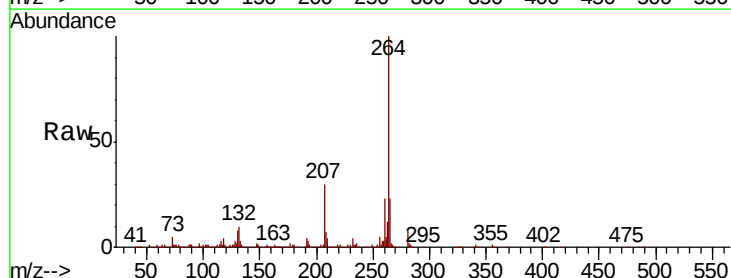
Tgt Ion:264 Resp: 394129

Ion Ratio Lower Upper

264 100

260 23.2 18.8 28.2

265 22.6 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

300000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

