

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082420\
 Data File : BM027195.D
 Acq On : 24 Aug 2020 15:43
 Operator : JU/CG
 Sample : PB131136BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB131136BL

Quant Time: Aug 24 16:15:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 15:18:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	110313	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	384847	20.00	ng	0.00
39) Acenaphthene-d10	14.24	164	244365	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	515000	20.00	ng	0.00
76) Chrysene-d12	21.19	240	572019	20.00	ng	0.00
86) Perylene-d12	23.37	264	681695	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	503277	88.94	ng	0.00
7) Phenol-d6	6.79	99	625307	80.48	ng	0.00
23) Nitrobenzene-d5	8.75	82	500320	53.64	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	301953	76.31	ng	0.00
45) 2-Fluorobiphenyl	12.86	172	1064555	57.23	ng	0.00
79) Terphenyl-d14	19.63	244	1559712	50.94	ng	0.00

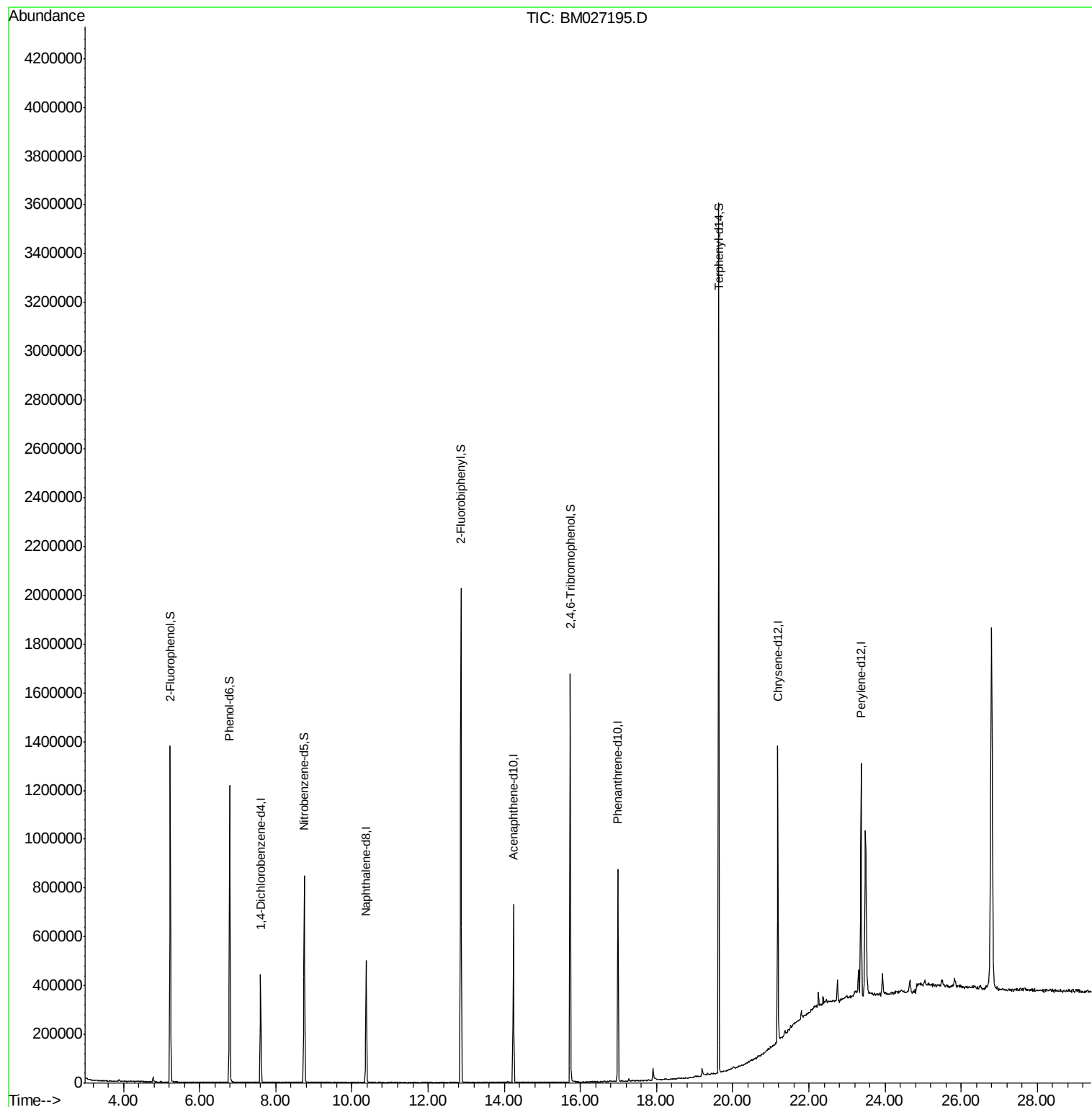
Target Compounds Qvalue

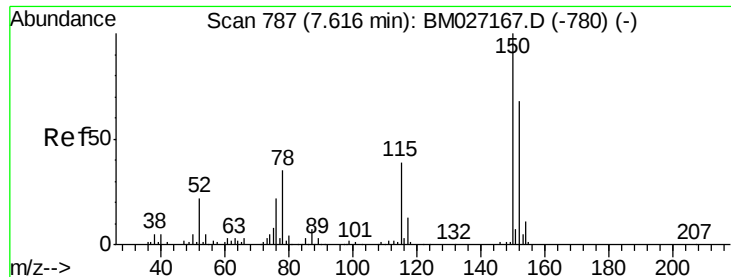
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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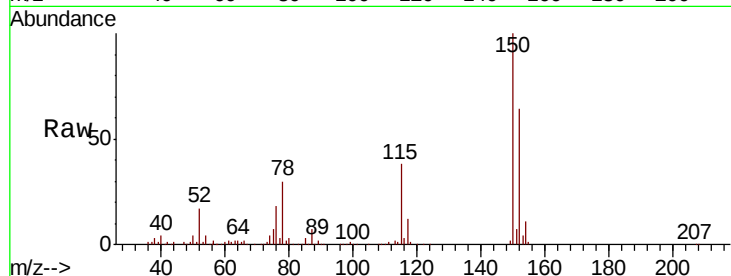


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 785
Delta R.T. 0.00 min
Lab File: BM027195.D
Acq: 24 Aug 2020 15:43

Instrument :
BNA_M
ClientSampleId :
PB131136BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	118.2	177.4
115	60.0	46.1	69.1

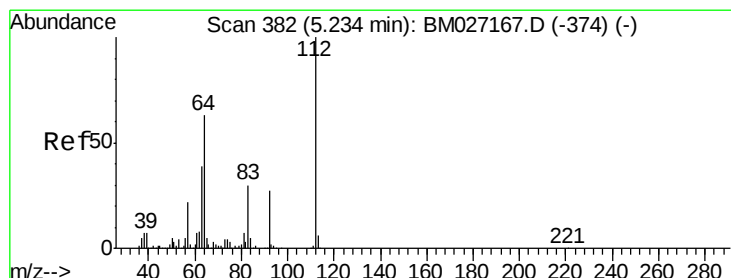
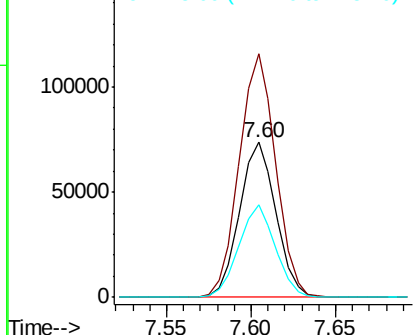
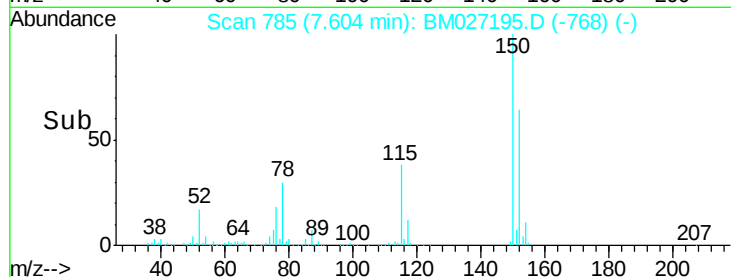


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

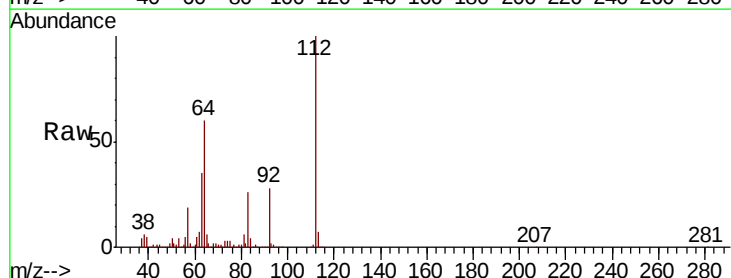
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 88.939 ng
RT: 5.23 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM027195.D
Acq: 24 Aug 2020 15:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	50.0	75.0
63	34.6	31.6	47.4

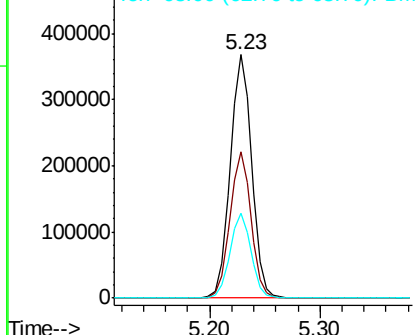
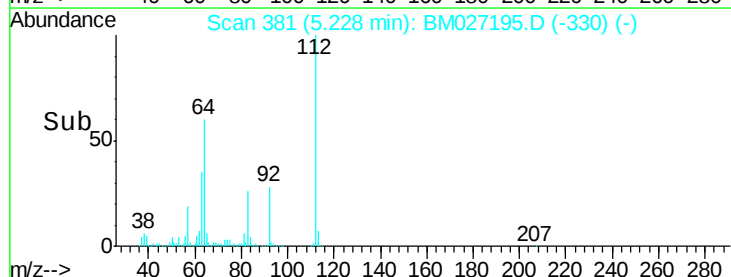


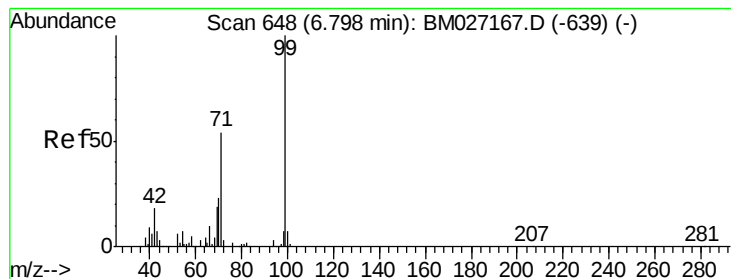
Abundance

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: 80.484 ng

RT: 6.79 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM027195.D

Acq: 24 Aug 2020 15:43

Instrument :

BNA_M

ClientSampleId :

PB131136BL

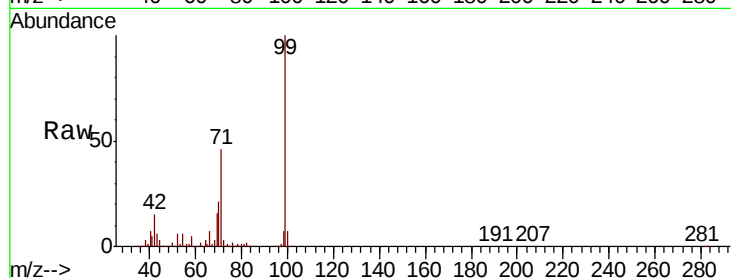
Tot Ion: 99 Resp: 625307

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

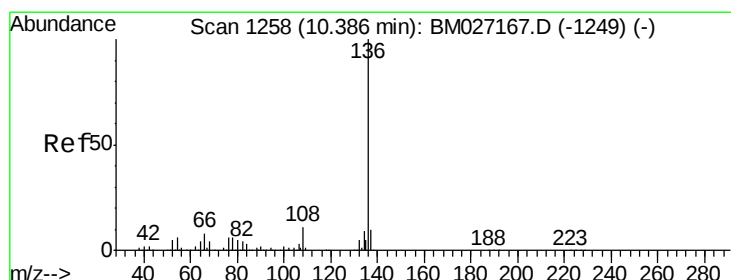
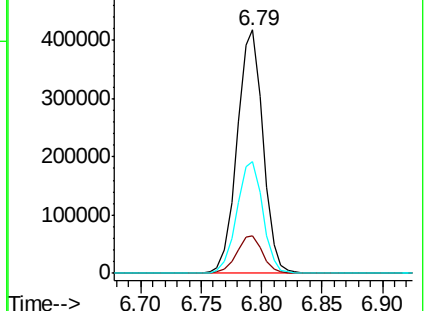
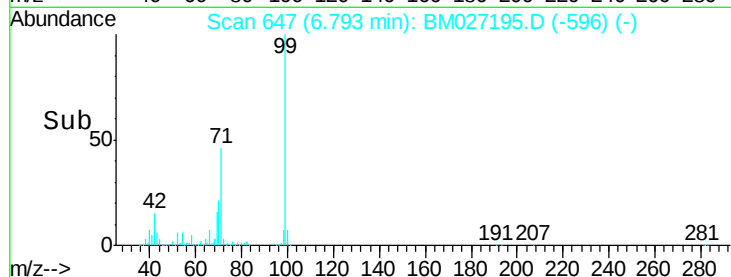
71 45.8 43.0 64.4



Abundance Ion 99.00 (98.70 to 99.70): BM027167.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM027167.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM027167.D (-639) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.37 min Scan# 1256

Delta R.T. 0.00 min

Lab File: BM027195.D

Acq: 24 Aug 2020 15:43

Tgt Ion: 136 Resp: 384847

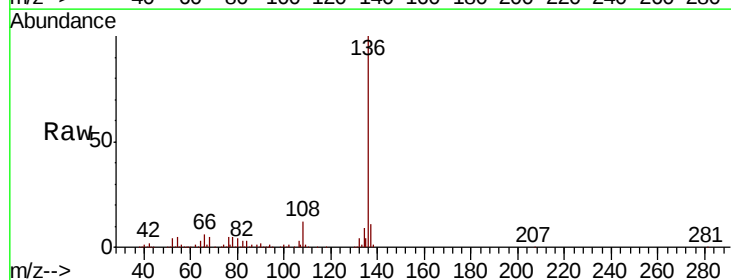
Ion Ratio Lower Upper

136 100

137 11.0 8.2 12.4

54 5.3 4.8 7.2

68 5.2 3.5 5.3

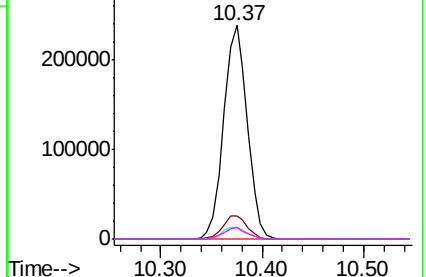
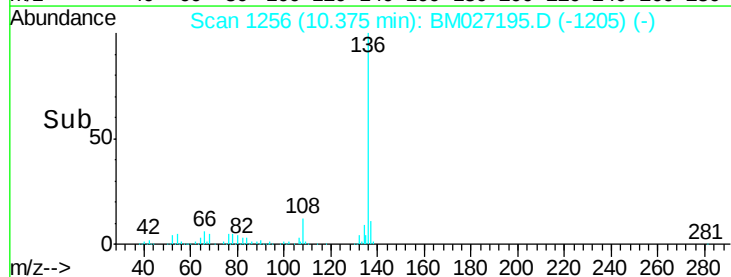


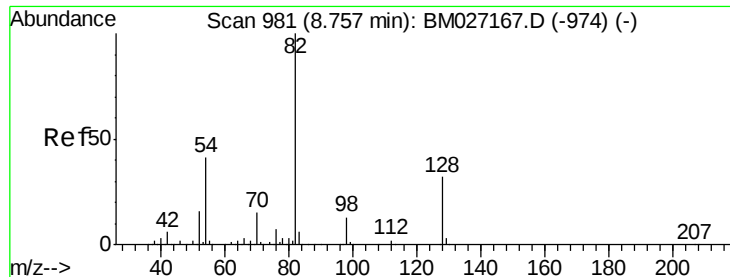
Abundance Ion 136.00 (135.70 to 136.70): BM027167.D (-1249) (-)

Ion 137.00 (136.70 to 137.70): BM027167.D (-1249) (-)

Ion 54.00 (53.70 to 54.70): BM027167.D (-1249) (-)

Ion 68.00 (67.70 to 68.70): BM027167.D (-1249) (-)

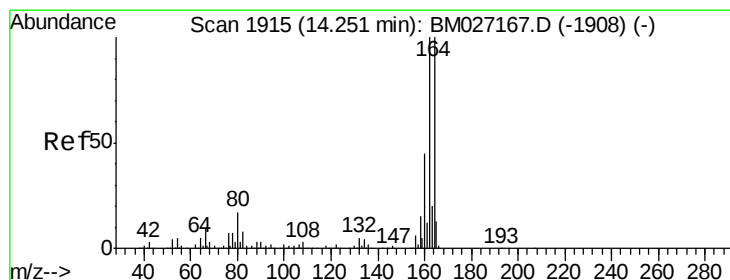
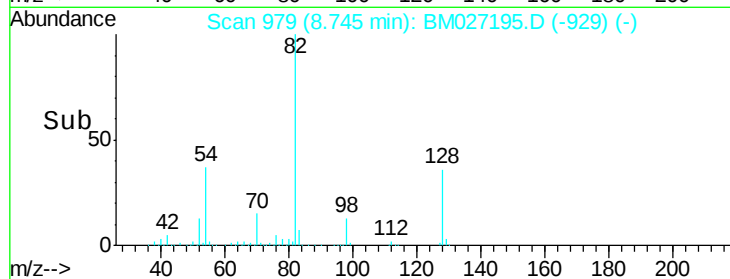
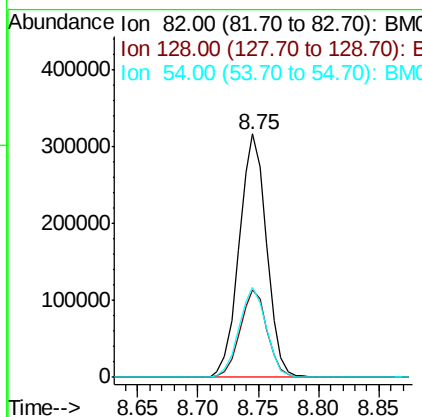
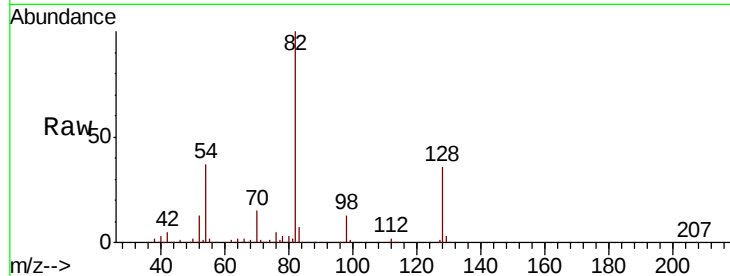




#23
Nitrobenzene-d5
Concen: 53.636 ng
RT: 8.75 min Scan# 979
Delta R.T. -0.01 min
Lab File: BM027195.D
Acq: 24 Aug 2020 15:43

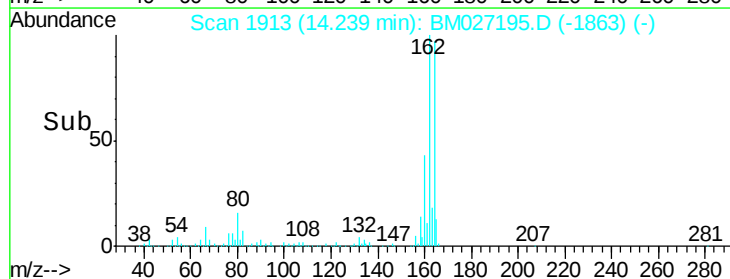
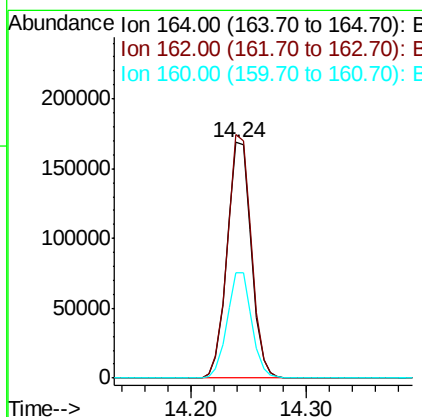
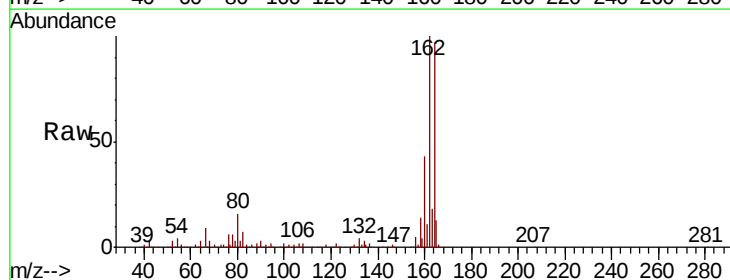
Instrument :
BNA_M
ClientSampleId :
PB131136BL

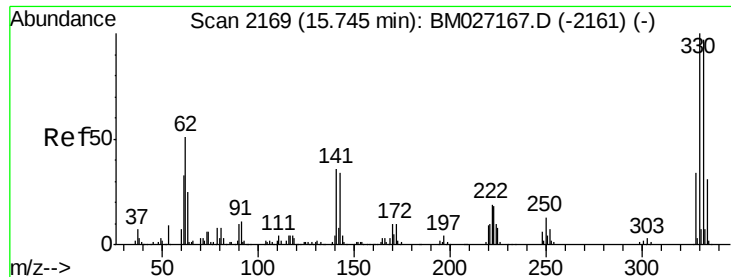
Tot Ion	82	Resp	500320
Ion Ratio	Lower	Upper	
82	100		
128	36.1	25.7	38.5
54	37.0	33.0	49.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.24 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BM027195.D
Acq: 24 Aug 2020 15:43

Tgt Ion	164	Resp	244365
Ion Ratio	Lower	Upper	
164	100		
162	103.3	80.2	120.4
160	44.5	36.3	54.5

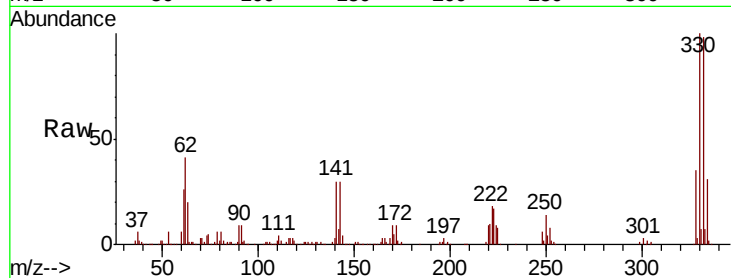




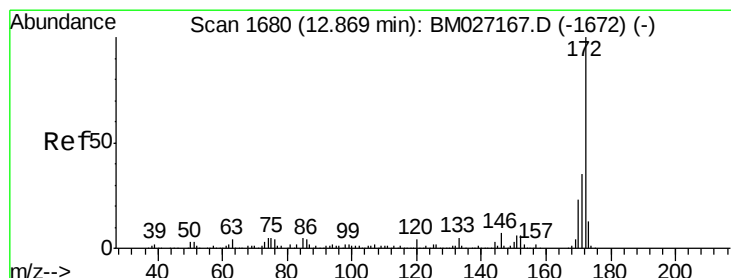
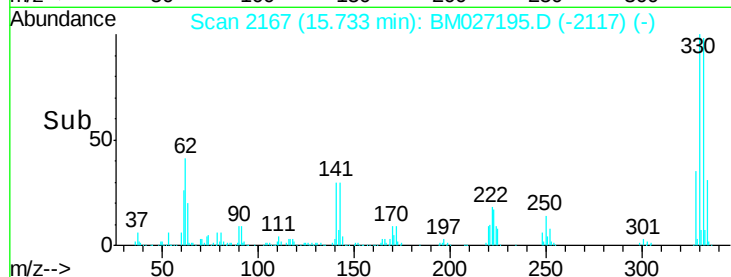
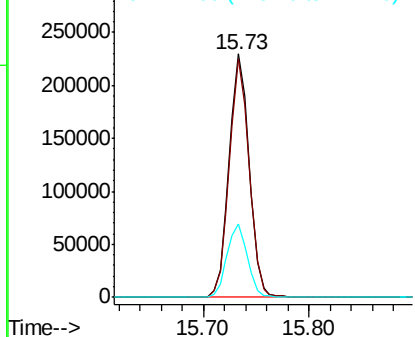
#42
 2,4,6-Tribromophenol
 Concen: 76.307 ng
 RT: 15.73 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BM027195.D
 Acq: 24 Aug 2020 15:43

Instrument :
 BNA_M
 ClientSampleId :
 PB131136BL

Tot Ion:330 Resp: 301953
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.2 115.8
 141 30.8 31.0 46.6#

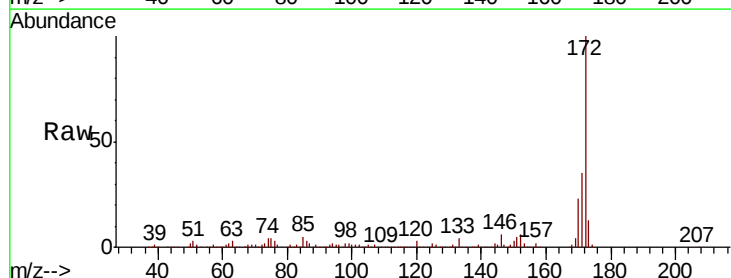


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

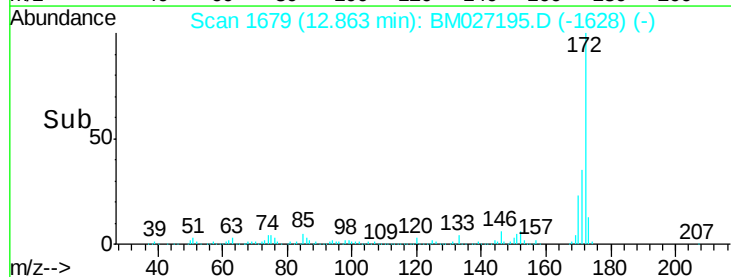
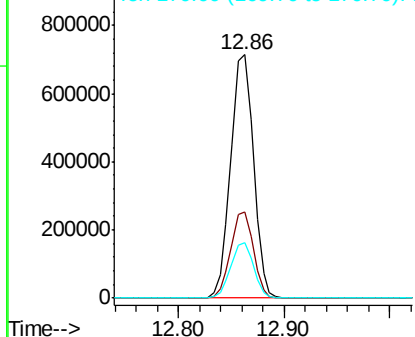


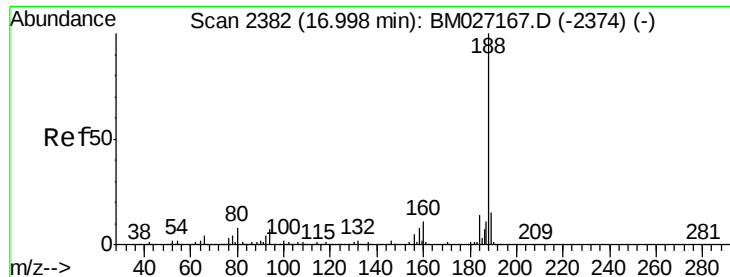
#45
 2-Fluorobiphenyl
 Concen: 57.227 ng
 RT: 12.86 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BM027195.D
 Acq: 24 Aug 2020 15:43

Tgt Ion:172 Resp: 1064555
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.1 42.1
 170 22.9 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# 2380

Delta R.T. 0.00 min

Lab File: BM027195.D

Acq: 24 Aug 2020 15:43

Instrument :

BNA_M

ClientSampleId :

PB131136BL

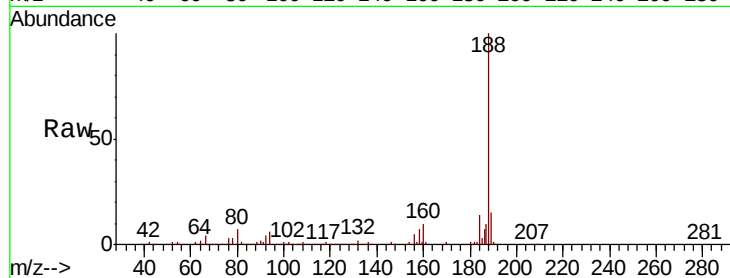
Tot Ion:188 Resp: 515000

Ion Ratio Lower Upper

188 100

94 6.3 5.5 8.3

80 7.1 6.2 9.4



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

16.99

400000

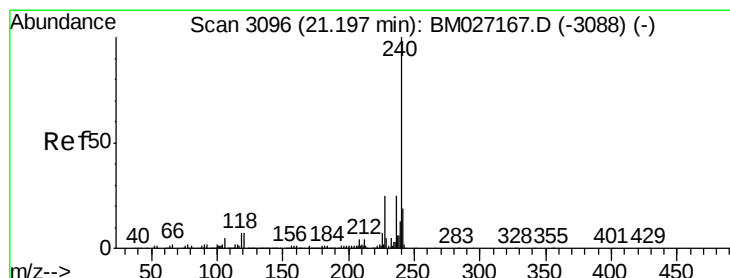
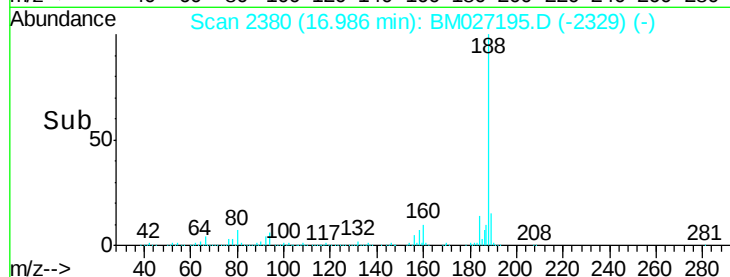
300000

200000

100000

0

Time--> 16.90 17.00 17.10



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM027195.D

Acq: 24 Aug 2020 15:43

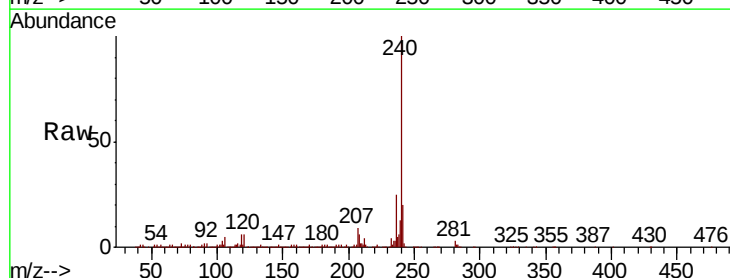
Tgt Ion:240 Resp: 572019

Ion Ratio Lower Upper

240 100

120 5.9 5.6 8.4

236 25.2 19.8 29.6



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

21.19

600000

500000

400000

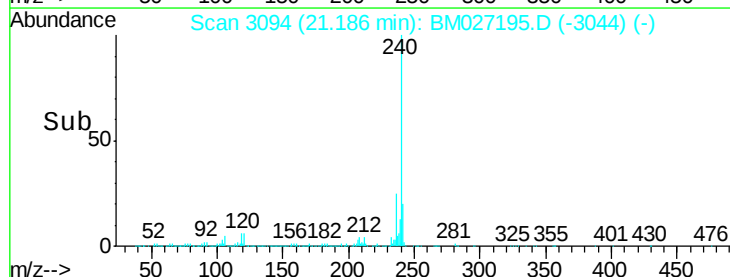
300000

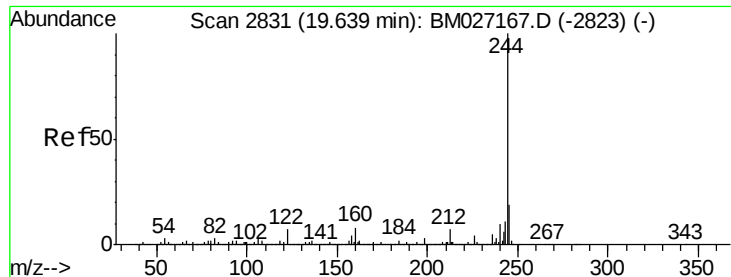
200000

100000

0

Time--> 21.10 21.20 21.30





#79

Terphenyl-d14

Concen: 50.936 ng

RT: 19.63 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BM027195.D

Acq: 24 Aug 2020 15:43

Instrument :

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ClientSampleId :

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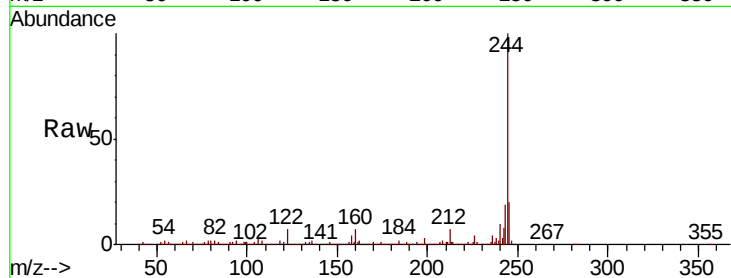
Tot Ion:244 Resp: 1559712

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

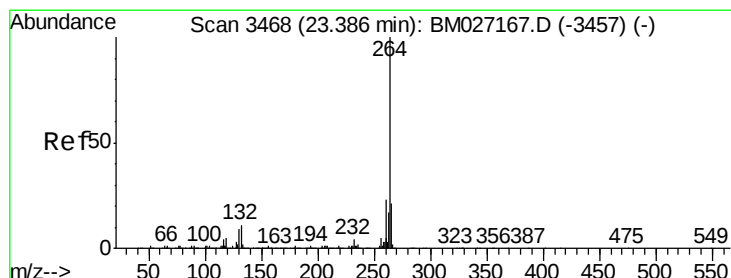
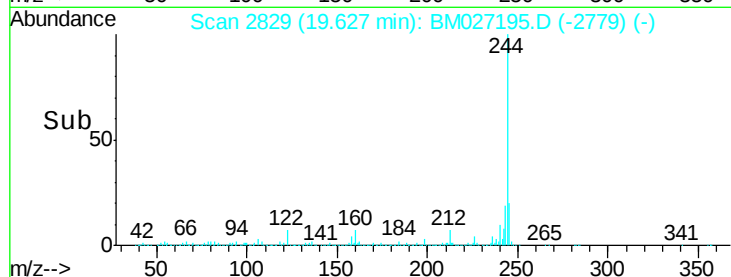
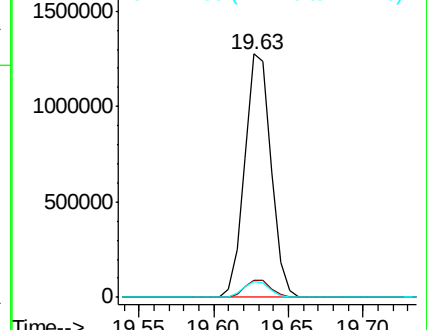
122 6.7 5.8 8.8



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: 23.37 min Scan# 3465

Delta R.T. -0.01 min

Lab File: BM027195.D

Acq: 24 Aug 2020 15:43

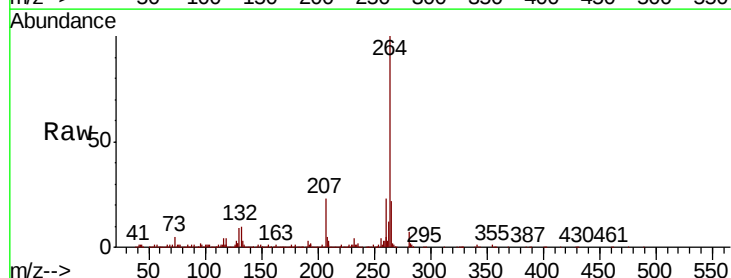
Tgt Ion:264 Resp: 681695

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 21.8 17.5 26.3



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

