

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082420\
 Data File : BM027198.D
 Acq On : 24 Aug 2020 17:36
 Operator : JU/CG
 Sample : PB131109BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB131109BL

Quant Time: Aug 24 18:08:35 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	133760	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	458856	20.00	ng	0.00
39) Acenaphthene-d10	14.24	164	272172	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	547734	20.00	ng	0.00
76) Chrysene-d12	21.19	240	498740	20.00	ng	0.00
86) Perylene-d12	23.37	264	550113	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	859730	125.30	ng	0.00
7) Phenol-d6	6.79	99	1071600	113.75	ng	0.00
23) Nitrobenzene-d5	8.75	82	810983	72.92	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	421643	95.67	ng	0.00
45) 2-Fluorobiphenyl	12.86	172	1560214	75.30	ng	0.00
79) Terphenyl-d14	19.63	244	1947750	72.95	ng	0.00

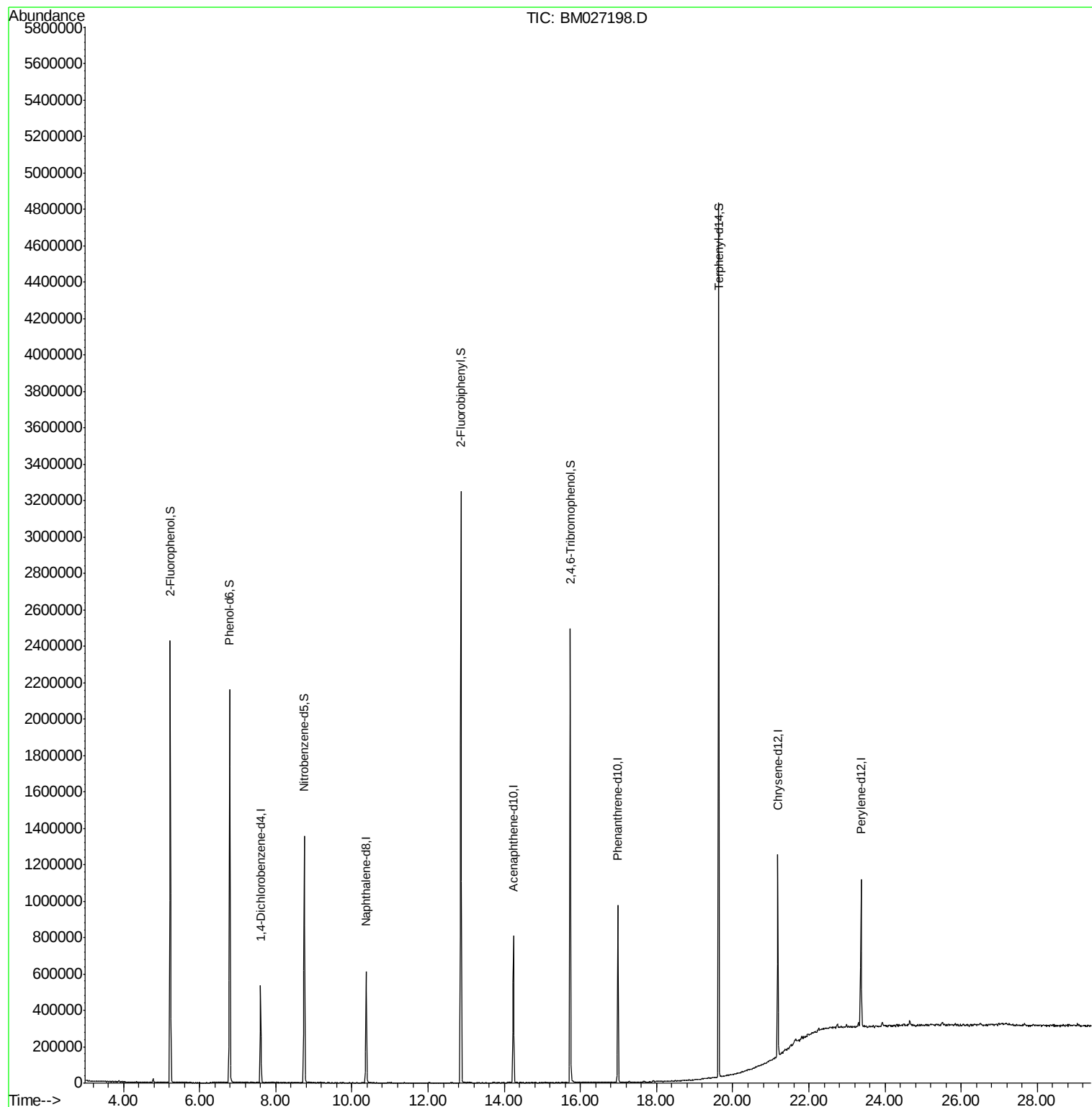
Target Compounds Qvalue

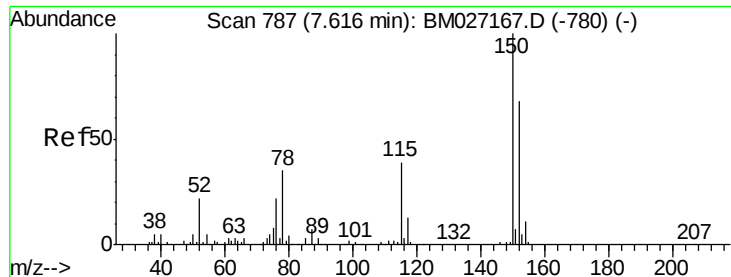
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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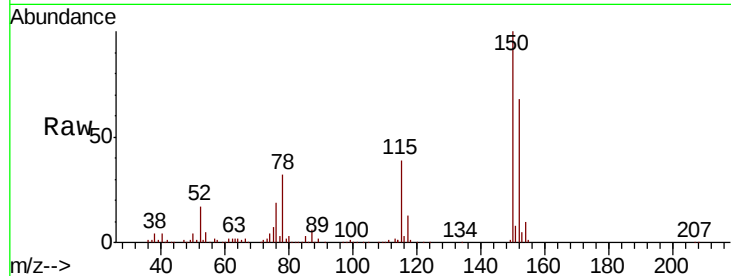


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 785
Delta R.T. 0.00 min
Lab File: BM027198.D
Acq: 24 Aug 2020 17:36

Instrument :
BNA_M
ClientSampleId :
PB131109BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.0	118.2	177.4
115	58.1	46.1	69.1

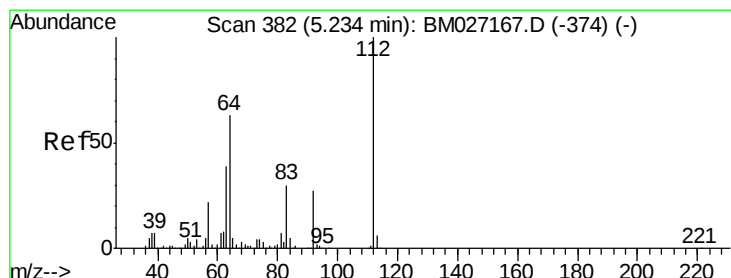
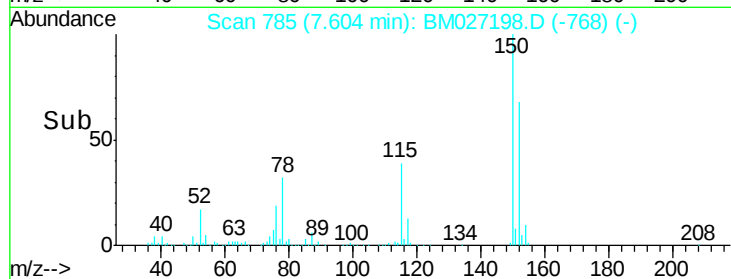
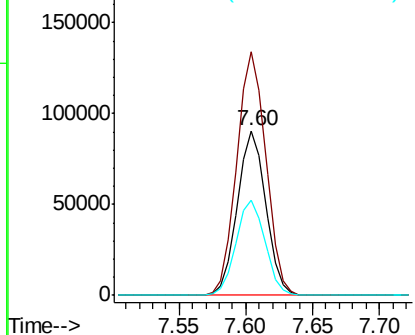


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

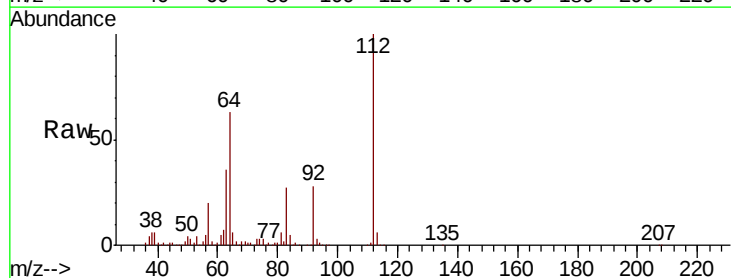
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 125.299 ng
RT: 5.23 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM027198.D
Acq: 24 Aug 2020 17:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.1	50.0	75.0
63	36.4	31.6	47.4

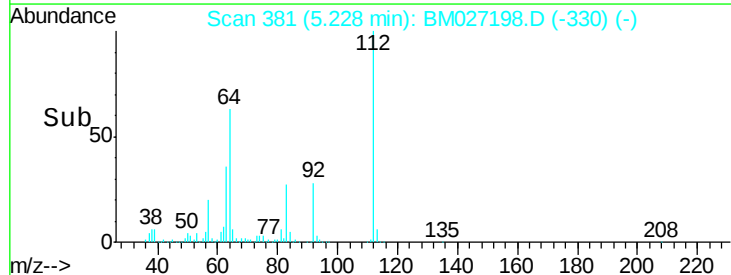
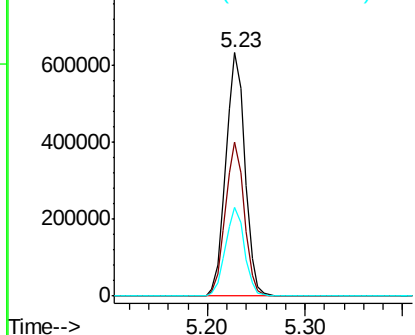


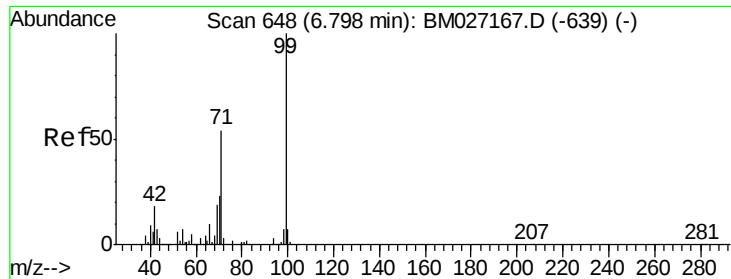
Abundance

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: 113.749 ng

RT: 6.79 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM027198.D

Acq: 24 Aug 2020 17:36

Instrument :

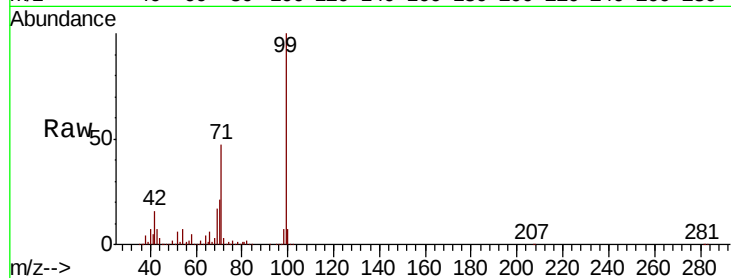
BNA_M

ClientSampleId :

PB131109BL

Tot Ion: 99 Resp: 1071600

Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.5	21.7
71	47.2	43.0	64.4

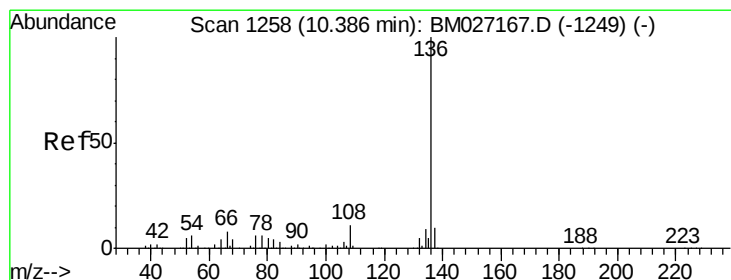
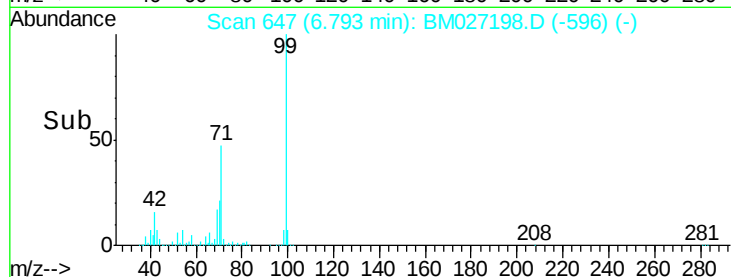
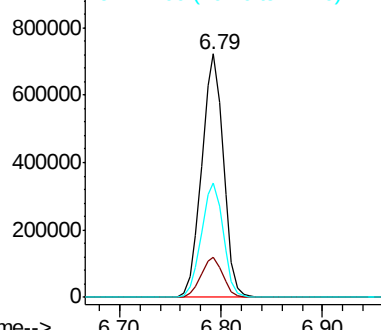


Abundance

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

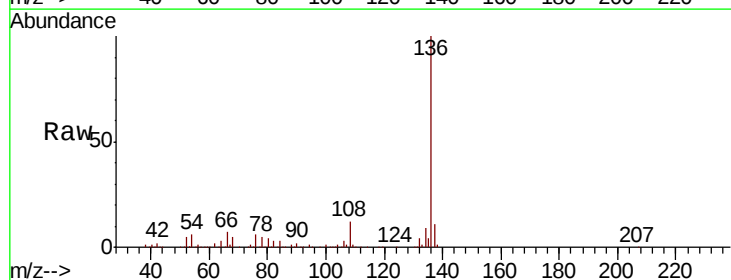
Delta R.T. 0.00 min

Lab File: BM027198.D

Acq: 24 Aug 2020 17:36

Tgt Ion: 136 Resp: 458856

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.4
54	6.3	4.8	7.2
68	5.2	3.5	5.3



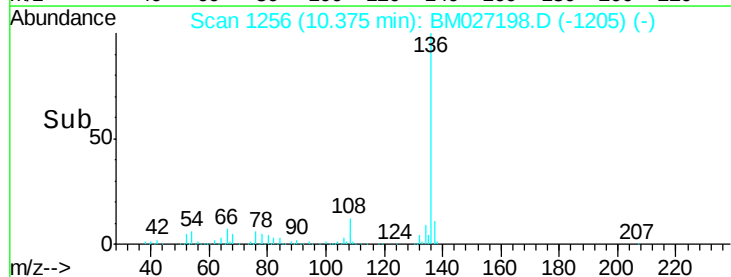
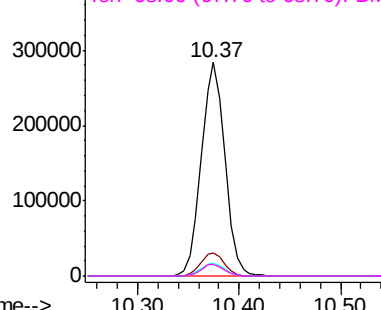
Abundance

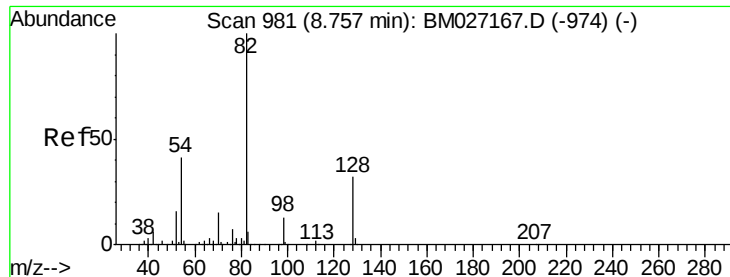
Ion 136.00 (135.70 to 136.70): BM027167.D (-1249) (-)

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) (-)

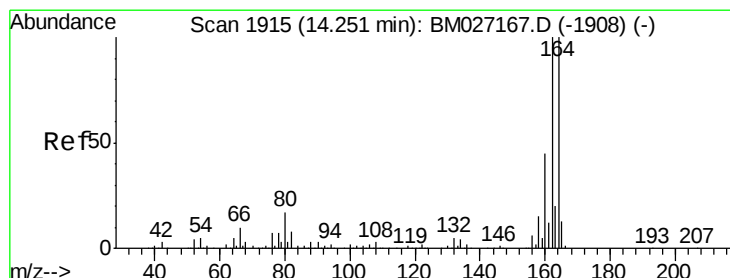
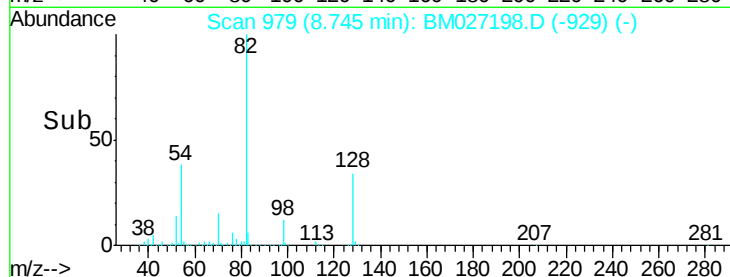
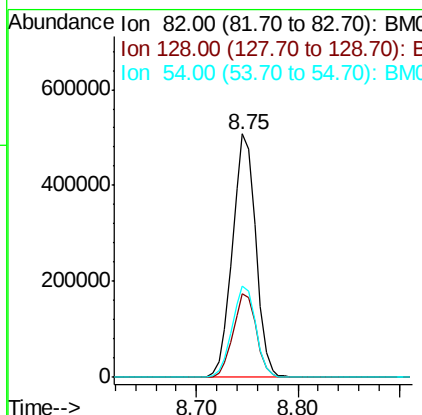
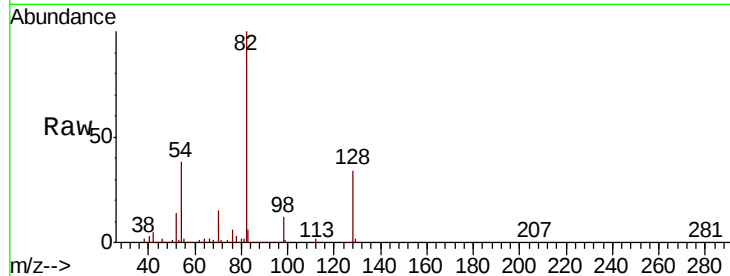




#23
 Nitrobenzene-d5
 Concen: 72.918 ng
 RT: 8.75 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BM027198.D
 Acq: 24 Aug 2020 17:36

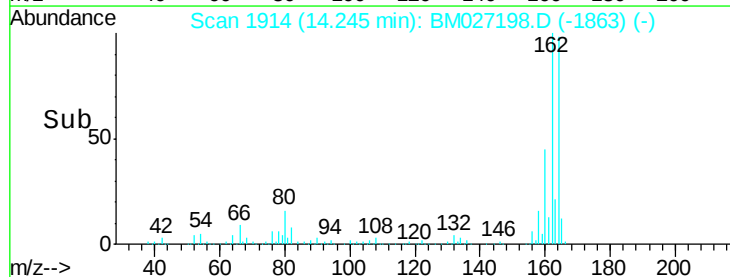
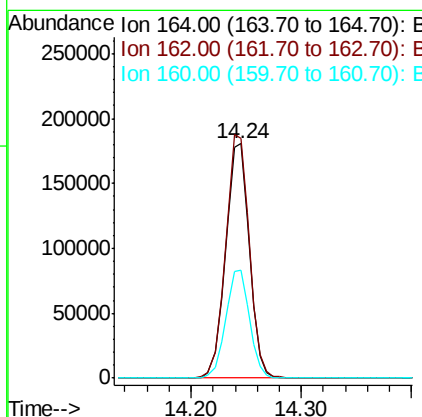
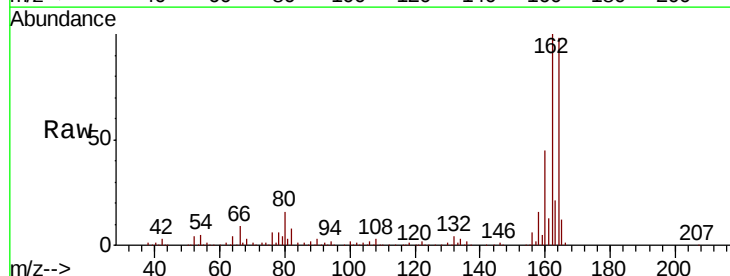
Instrument :
 BNA_M
 ClientSampleId :
 PB131109BL

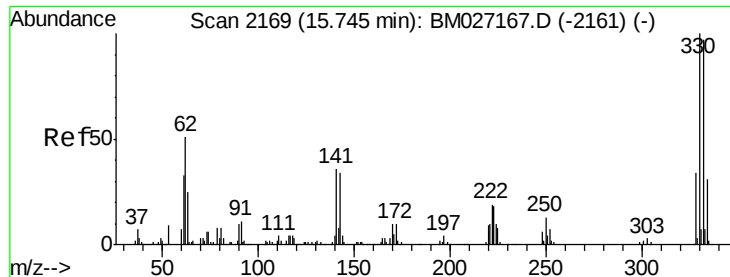
Tot Ion	82	Resp	810983
Ion	Ratio	Lower	Upper
82	100		
128	34.3	25.7	38.5
54	37.6	33.0	49.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.24 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: BM027198.D
 Acq: 24 Aug 2020 17:36

Tgt Ion	164	Resp	272172
Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.2	120.4
160	46.1	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 95.668 ng

RT: 15.73 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BM027198.D

Acq: 24 Aug 2020 17:36

Instrument :

BNA_M

ClientSampleId :

PB131109BL

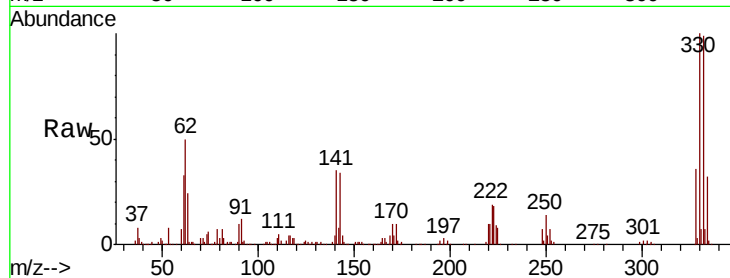
Tot Ion:330 Resp: 421643

Ion Ratio Lower Upper

330 100

332 96.7 77.2 115.8

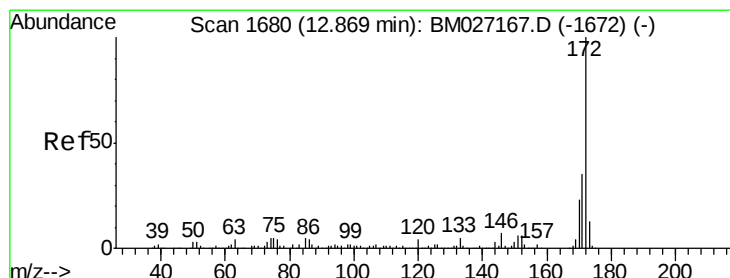
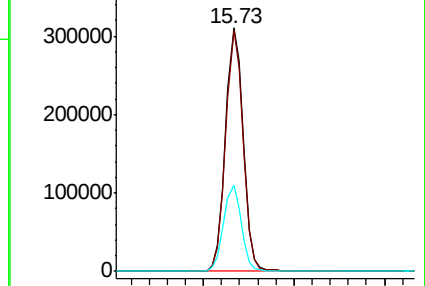
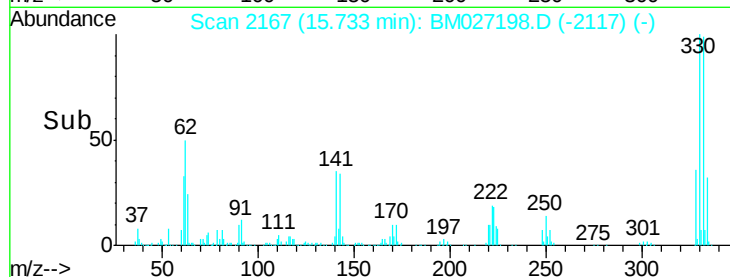
141 35.3 31.0 46.6



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: 75.303 ng

RT: 12.86 min Scan# 1679

Delta R.T. 0.00 min

Lab File: BM027198.D

Acq: 24 Aug 2020 17:36

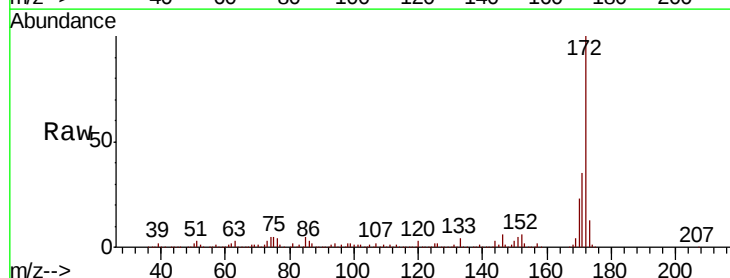
Tgt Ion:172 Resp: 1560214

Ion Ratio Lower Upper

172 100

171 34.5 28.1 42.1

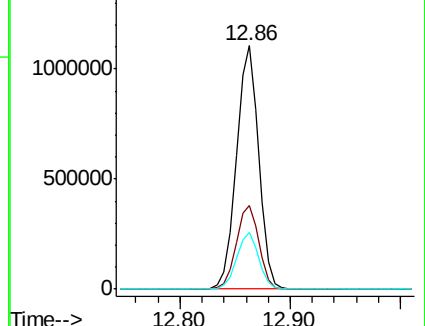
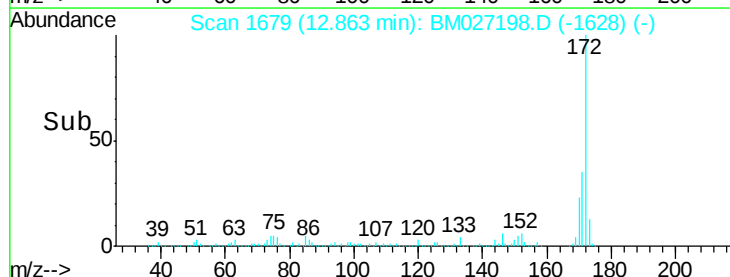
170 23.2 18.6 28.0

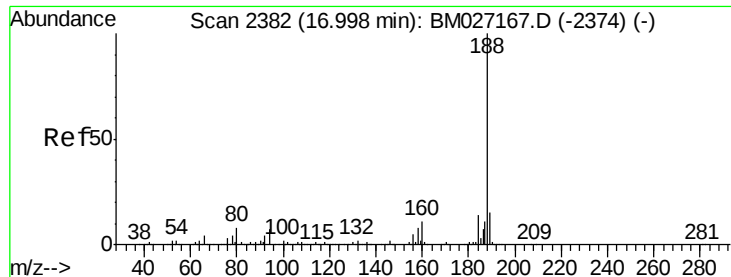


Abundance Ion 172.00 (171.70 to 172.70): E

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: BM027198.D

Acq: 24 Aug 2020 17:36

Instrument :

BNA_M

ClientSampleId :

PB131109BL

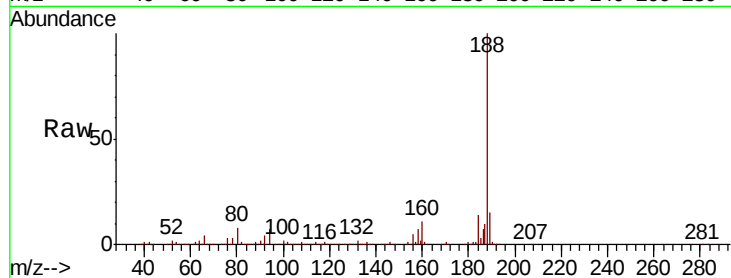
Tot Ion:188 Resp: 547734

Ion Ratio Lower Upper

188 100

94 6.7 5.5 8.3

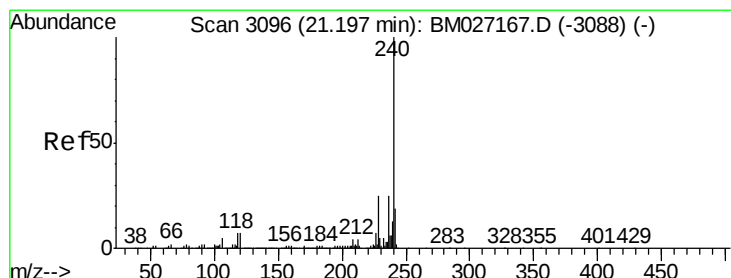
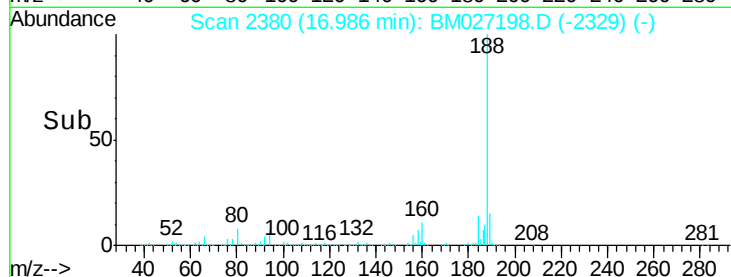
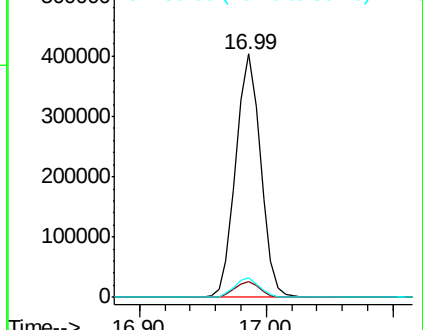
80 8.1 6.2 9.4



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM027198.D

Acq: 24 Aug 2020 17:36

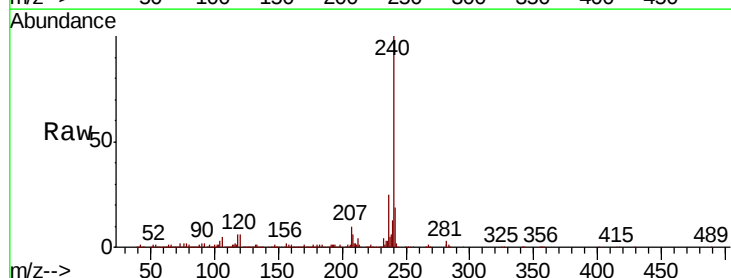
Tgt Ion:240 Resp: 498740

Ion Ratio Lower Upper

240 100

120 6.3 5.6 8.4

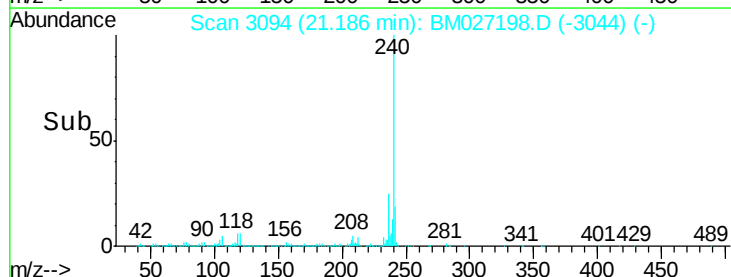
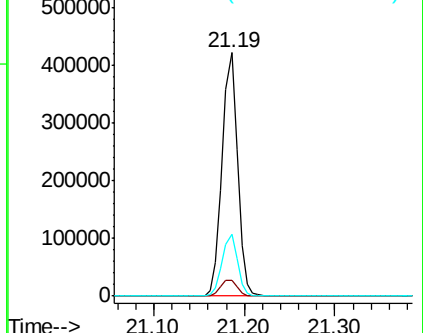
236 25.2 19.8 29.6

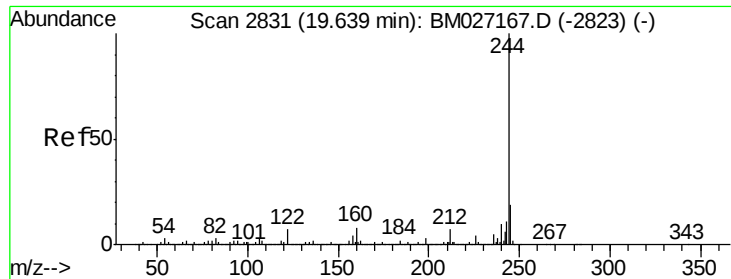


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 72.954 ng

RT: 19.63 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BM027198.D

Acq: 24 Aug 2020 17:36

Instrument :

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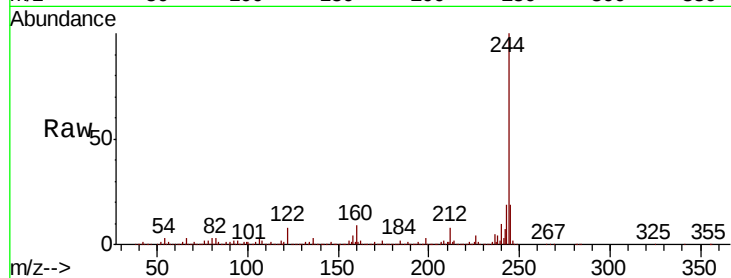
Tot Ion:244 Resp: 1947750

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

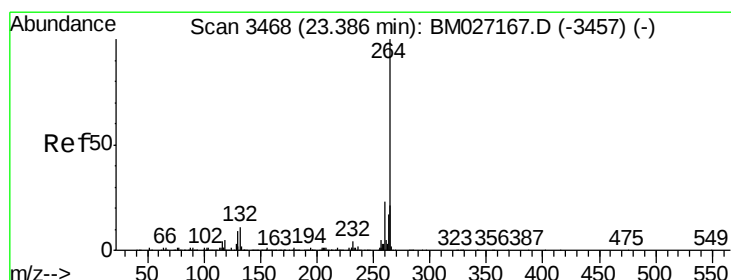
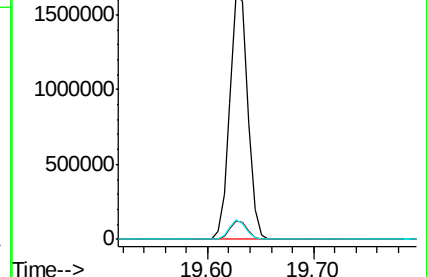
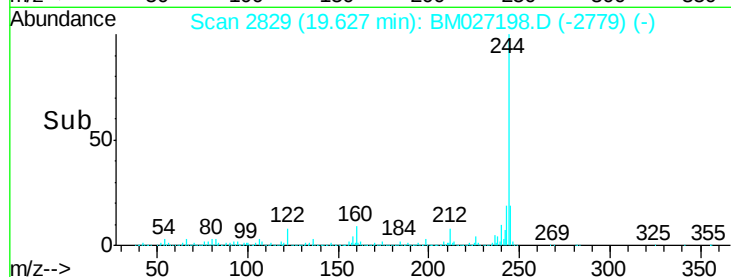
122 8.0 5.8 8.8



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: BM027198.D

Acq: 24 Aug 2020 17:36

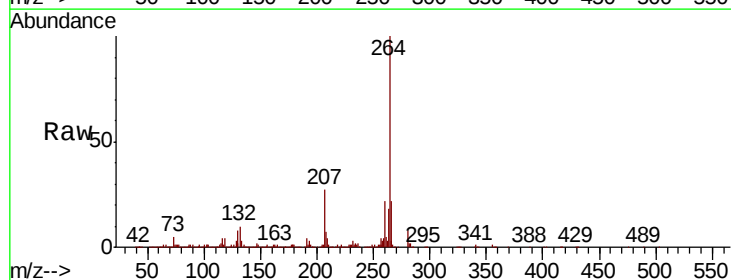
Tgt Ion:264 Resp: 550113

Ion Ratio Lower Upper

264 100

260 22.3 18.8 28.2

265 21.9 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

