

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082120\
 Data File : BM027172.D
 Acq On : 21 Aug 2020 16:37
 Operator : JU/CG
 Sample : PB131109BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB131109BL

Quant Time: Aug 21 17:11:23 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	98911	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	338093	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	193622	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	391209	20.00	ng	0.00
76) Chrysene-d12	21.19	240	355892	20.00	ng	0.00
86) Perylene-d12	23.38	264	367785	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	655971	129.29	ng	0.00
7) Phenol-d6	6.80	99	801969	115.12	ng	0.00
23) Nitrobenzene-d5	8.76	82	637080	77.74	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	300432	95.82	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	1209195	82.04	ng	0.00
79) Terphenyl-d14	19.64	244	1541969	80.94	ng	0.00

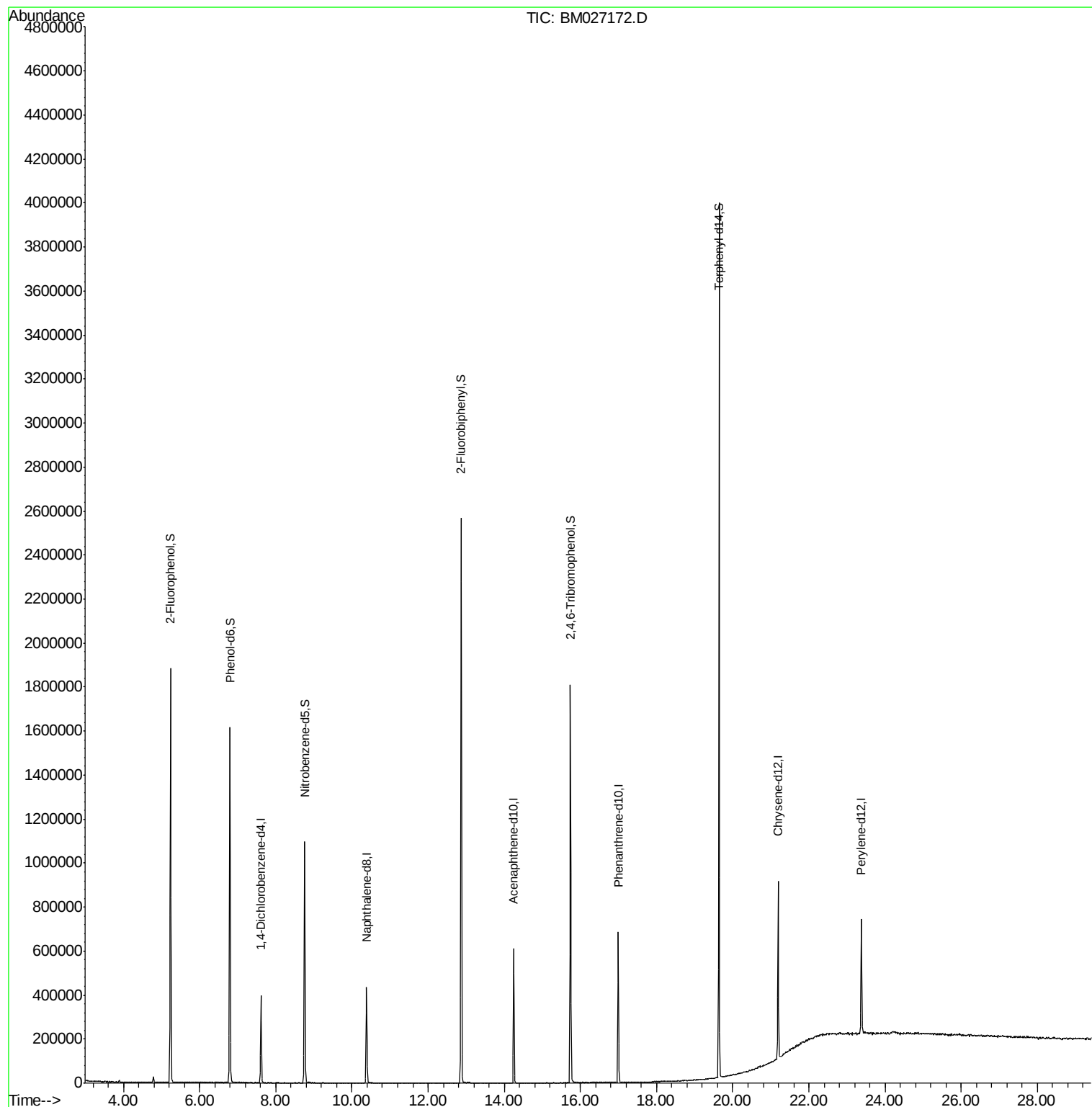
Target Compounds Qvalue

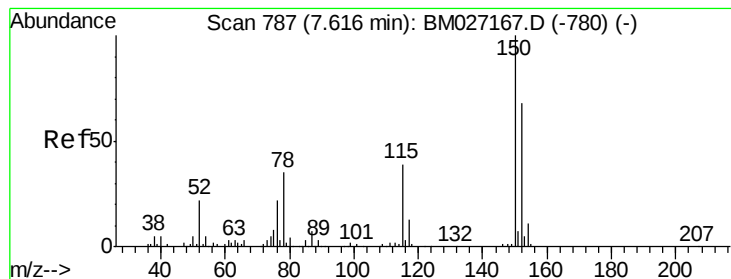
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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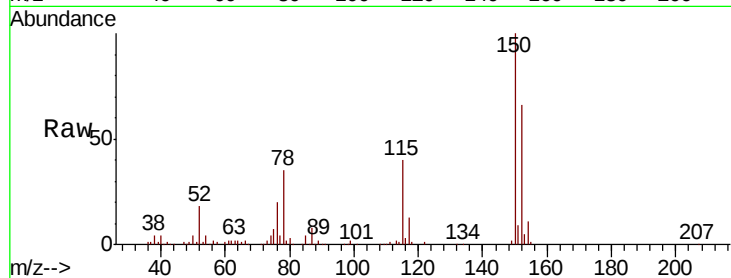


#1

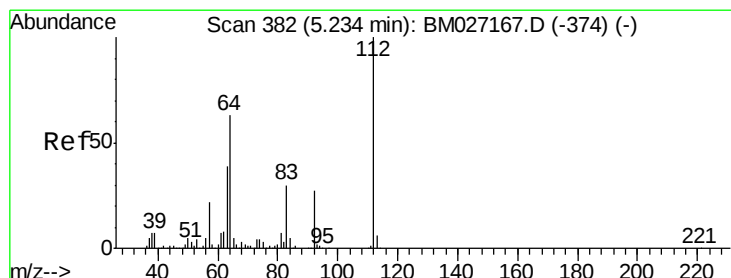
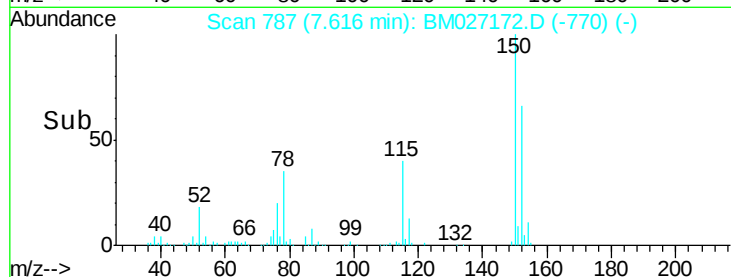
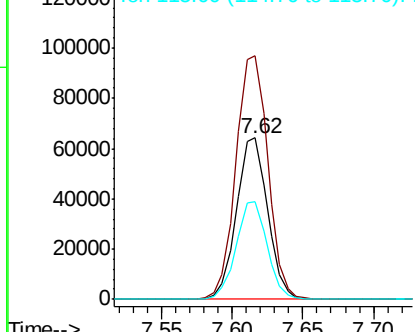
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM027172.D
Acq: 21 Aug 2020 16:37

Instrument :
BNA_M
ClientSampleId :
PB131109BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.7	118.2	177.4
115	60.8	46.1	69.1



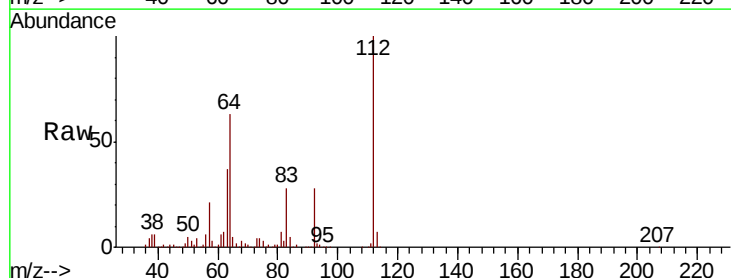
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



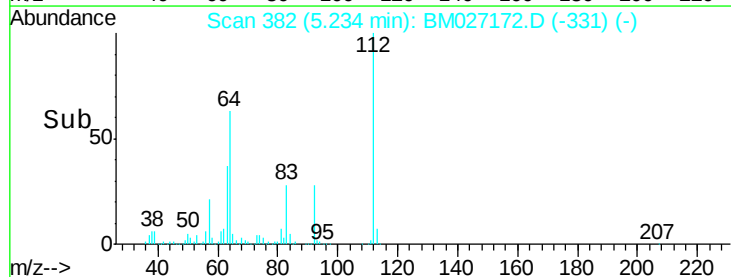
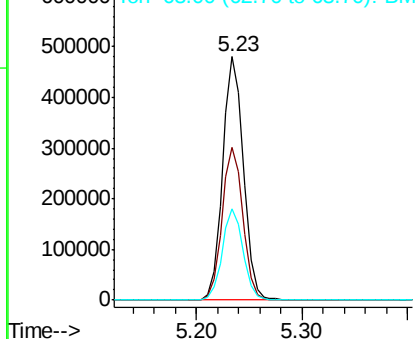
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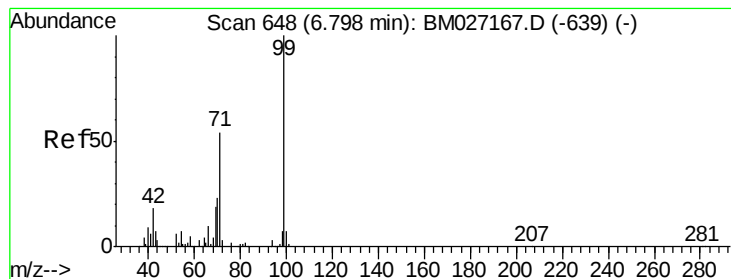
2-Fluorophenol
Concen: 129.286 ng
RT: 5.23 min Scan# 382
Delta R.T. -0.00 min
Lab File: BM027172.D
Acq: 21 Aug 2020 16:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	50.0	75.0
63	37.4	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: 115.121 ng

RT: 6.80 min Scan# 648

Delta R.T. -0.00 min

Lab File: BM027172.D

Acq: 21 Aug 2020 16:37

Instrument :

BNA_M

ClientSampleId :

PB131109BL

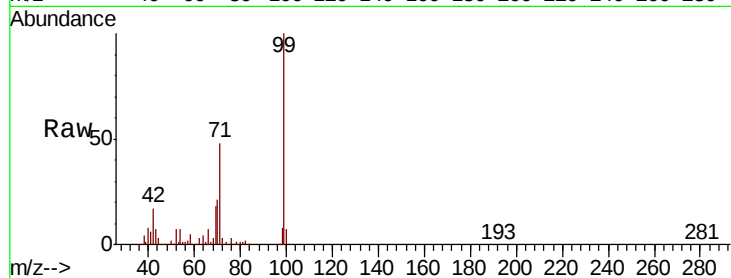
Tot Ion: 99 Resp: 801969

Ion Ratio Lower Upper

99 100

42 17.2 14.5 21.7

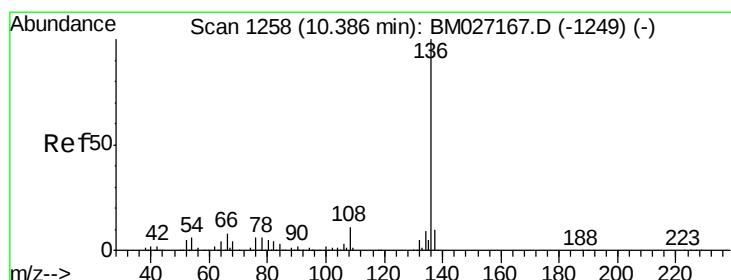
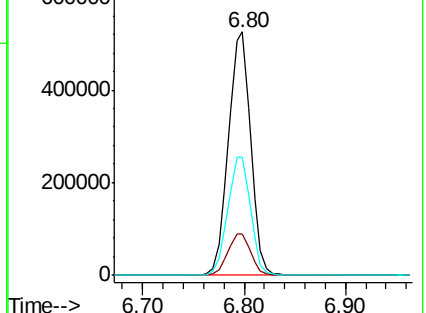
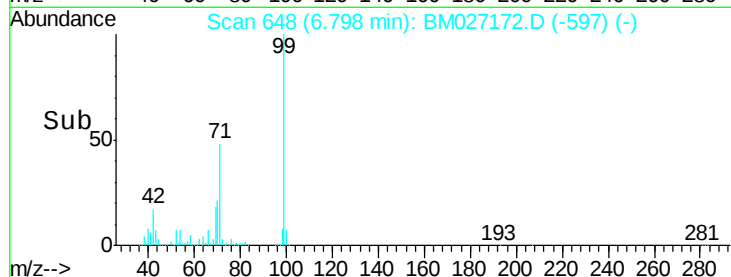
71 48.3 43.0 64.4



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: 10.39 min Scan# 1258

Delta R.T. -0.00 min

Lab File: BM027172.D

Acq: 21 Aug 2020 16:37

Tgt Ion: 136 Resp: 338093

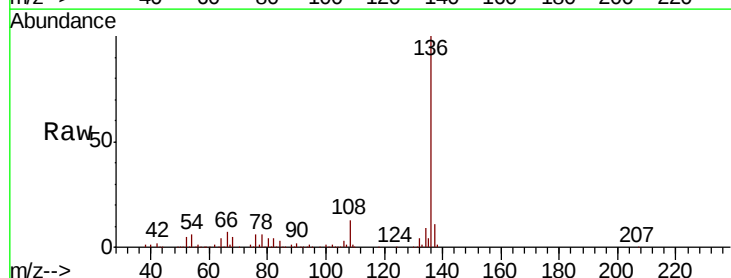
Ion Ratio Lower Upper

136 100

137 11.1 8.2 12.4

54 5.7 4.8 7.2

68 4.6 3.5 5.3

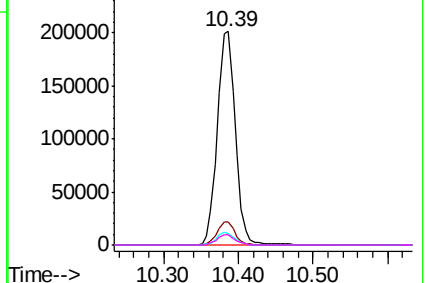
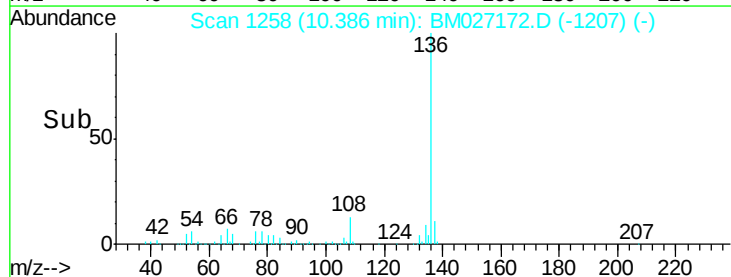


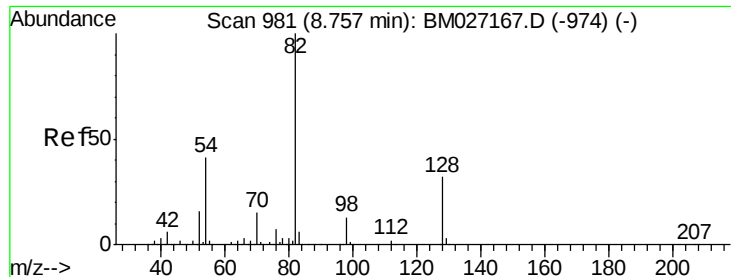
Abundance Ion 136.00 (135.70 to 136.70): BM027167.D (-1249) (-)

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) (-)

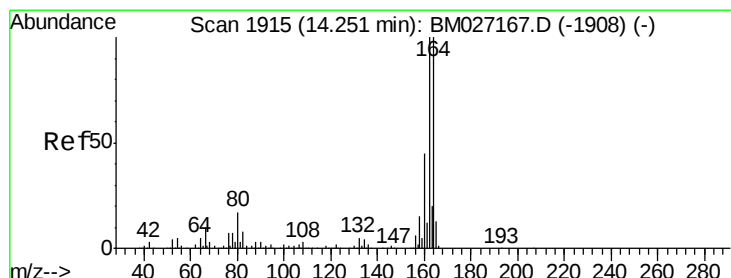
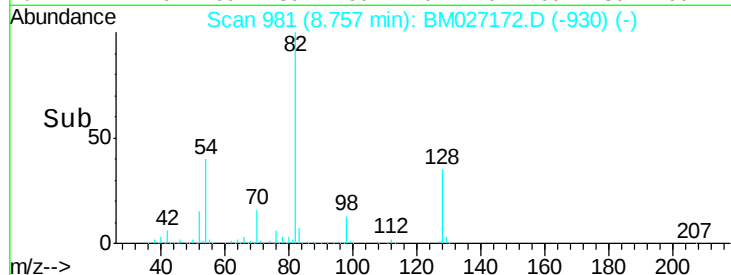
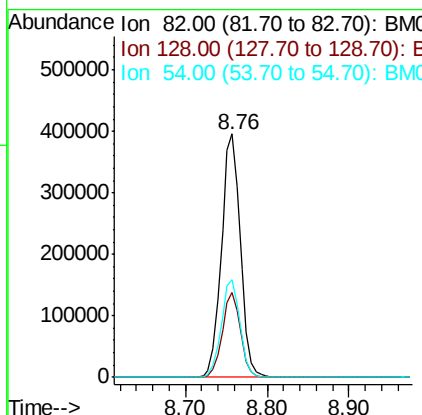
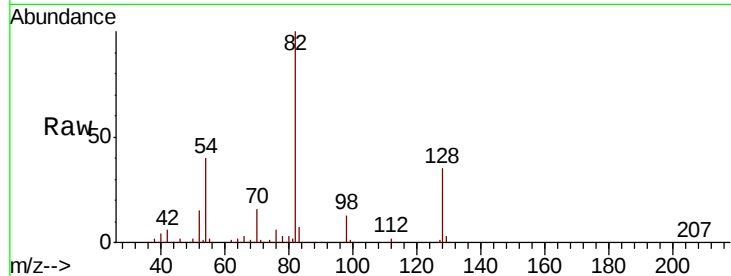




#23
Nitrobenzene-d5
Concen: 77.742 ng
RT: 8.76 min Scan# 981
Delta R.T. -0.00 min
Lab File: BM027172.D
Acq: 21 Aug 2020 16:37

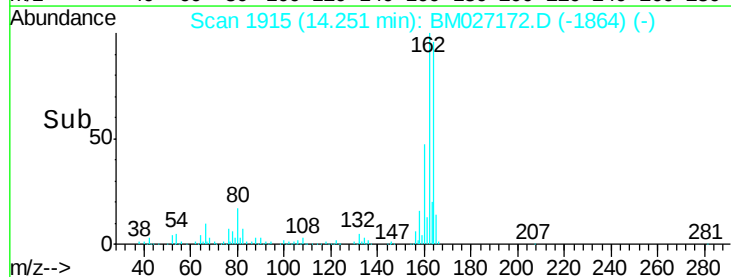
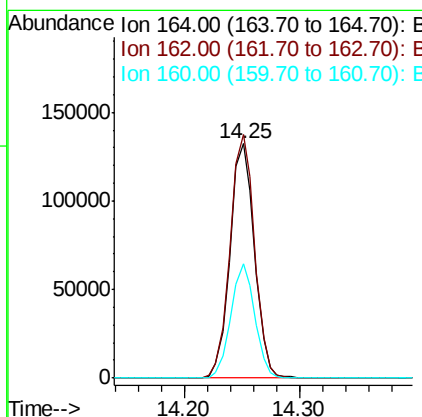
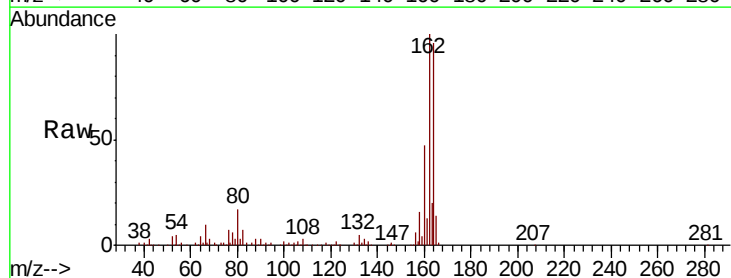
Instrument :
BNA_M
ClientSampled :
PB131109BL

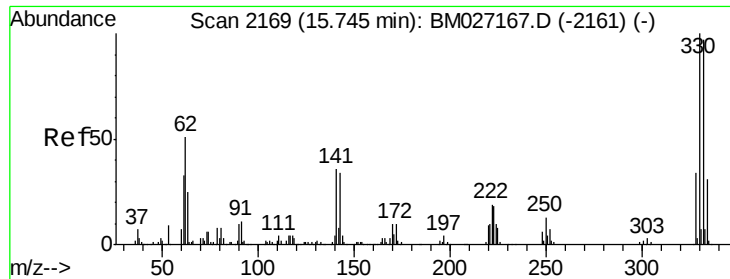
Tot Ion	82	Resp	637080
Ion Ratio	100	Lower	Upper
128	34.7	25.7	38.5
54	40.2	33.0	49.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.25 min Scan# 1915
Delta R.T. -0.00 min
Lab File: BM027172.D
Acq: 21 Aug 2020 16:37

Tgt Ion	164	Resp	193622
Ion Ratio	100	Lower	Upper
162	103.9	80.2	120.4
160	49.0	36.3	54.5

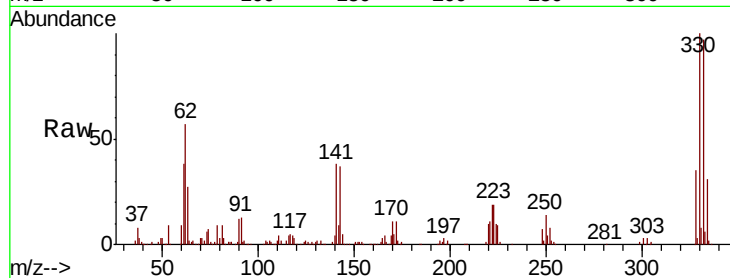




#42
 2,4,6-Tribromophenol
 Concen: 95.820 ng
 RT: 15.74 min Scan# 2168
 Delta R.T. -0.01 min
 Lab File: BM027172.D
 Acq: 21 Aug 2020 16:37

Instrument :
 BNA_M
 ClientSampleId :
 PB131109BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.2	115.8
141	36.8	31.0	46.6

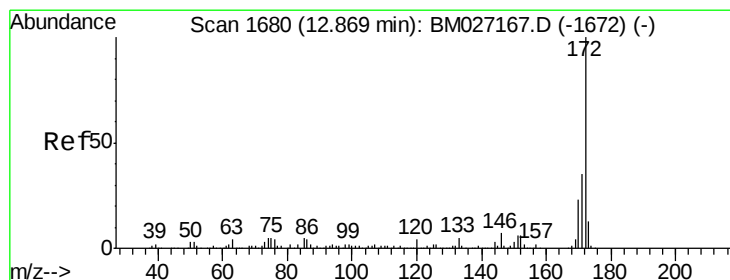
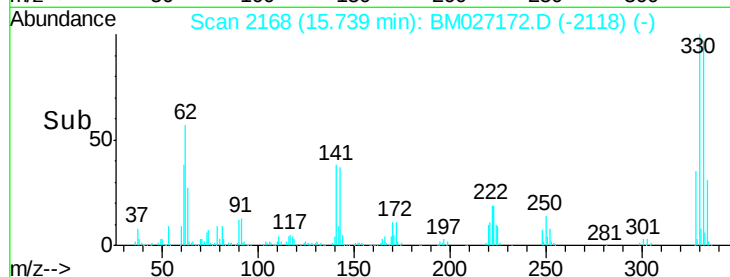
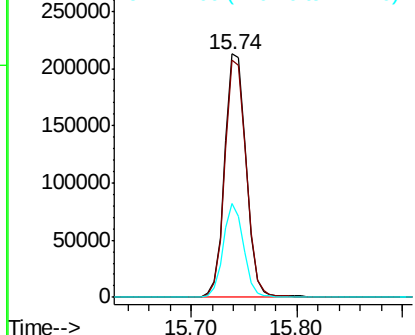


Abundance

Ion 329.80 (329.50 to 330.50): E

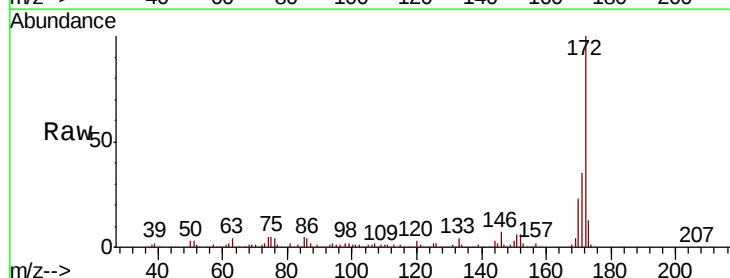
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 82.037 ng
 RT: 12.87 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: BM027172.D
 Acq: 21 Aug 2020 16:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.1	42.1
170	23.2	18.6	28.0

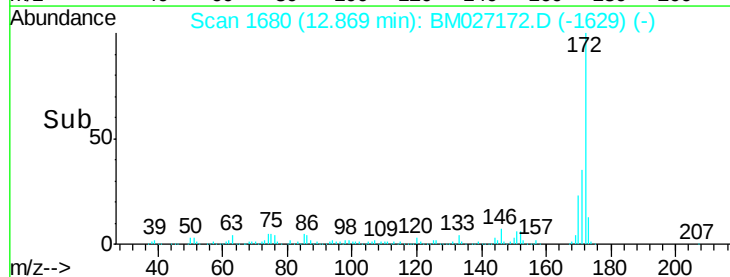
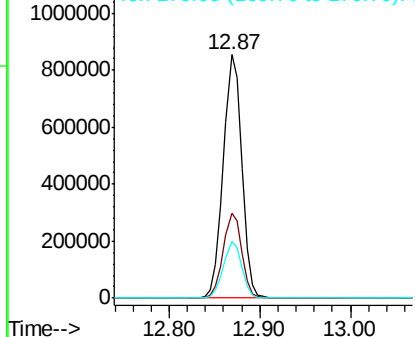


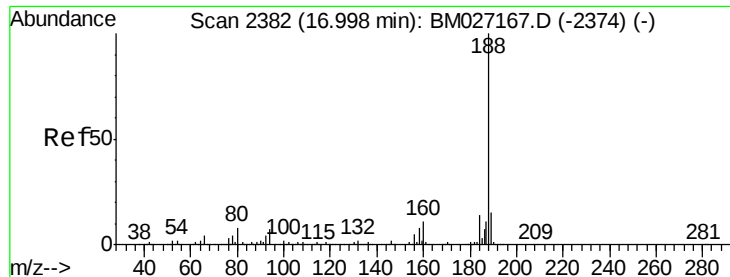
Abundance

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

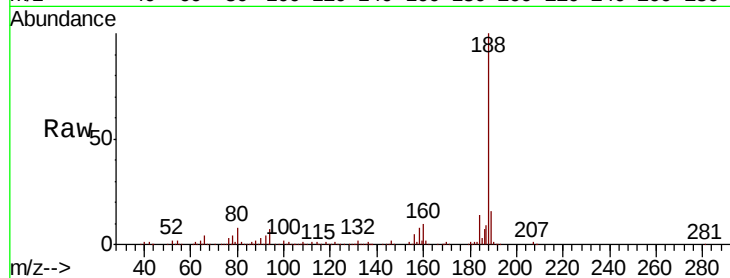




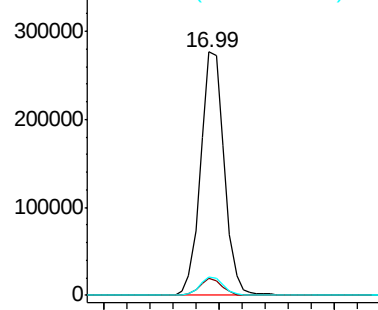
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BM027172.D
Acq: 21 Aug 2020 16:37

Instrument :
BNA_M
ClientSampleId :
PB131109BL

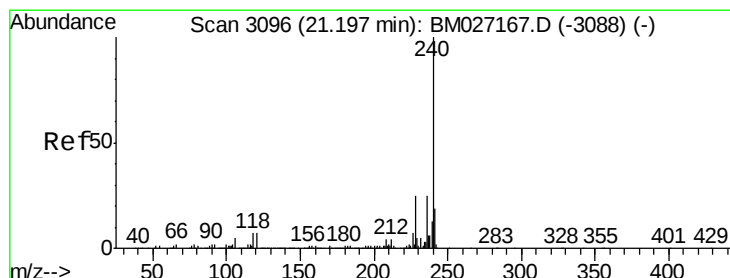
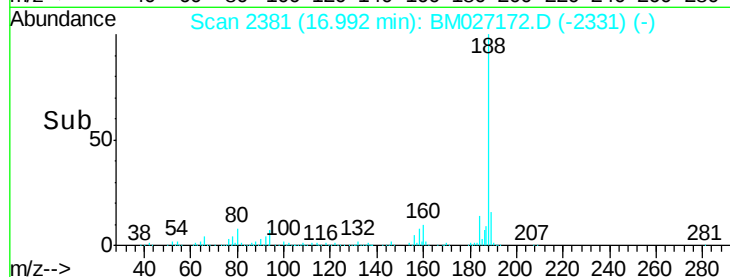
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.5	8.3
80	7.6	6.2	9.4



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM027172.D (-3045) (-)
Ion 80.00 (79.70 to 80.70): BM027172.D (-3045) (-)

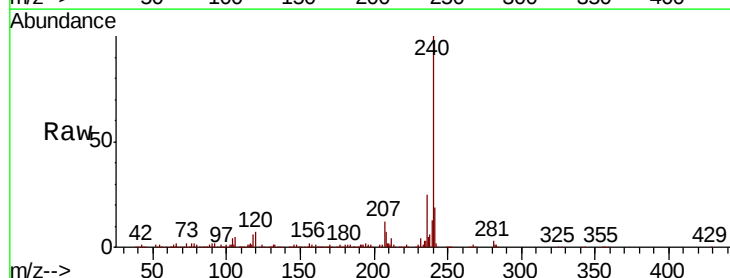


Time--> 16.90 17.00 17.10

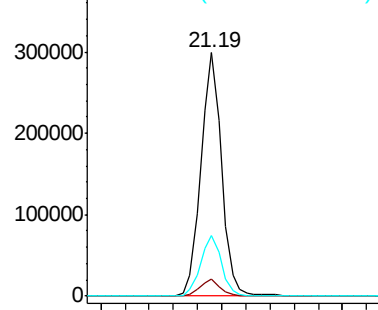


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM027172.D
Acq: 21 Aug 2020 16:37

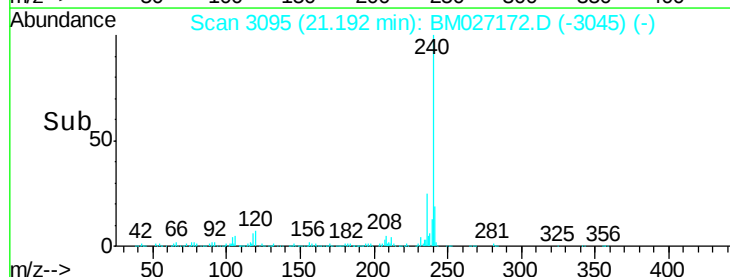
Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.6	8.4
236	25.1	19.8	29.6

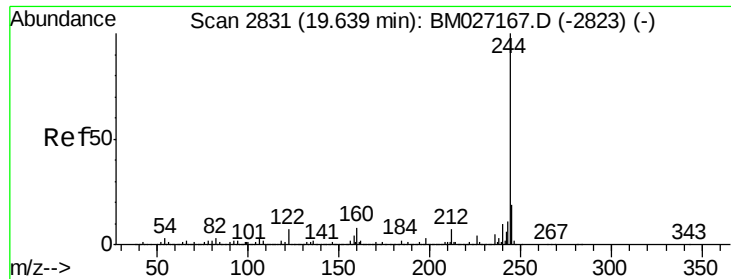


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 21.10 21.20 21.30

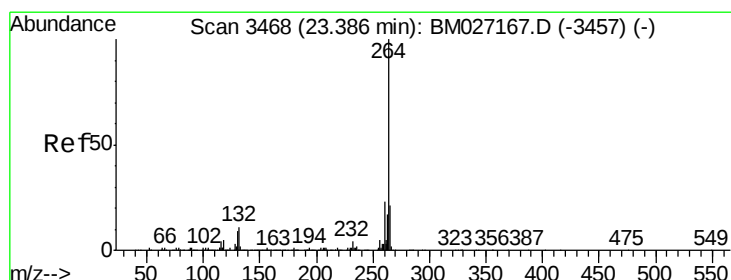
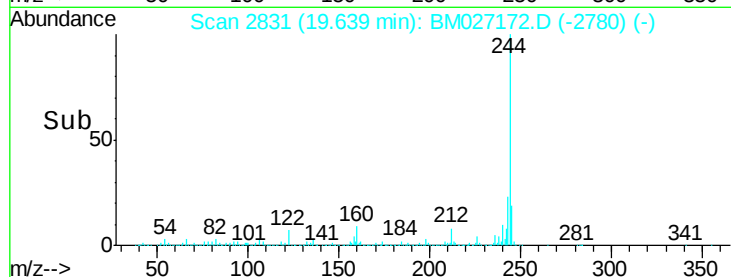
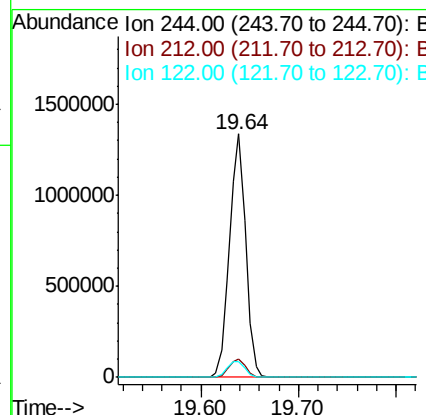
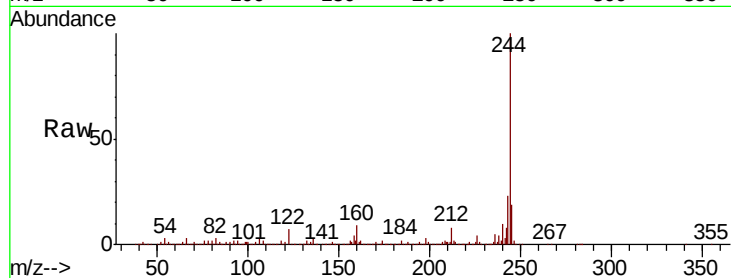




#79
 Terphenyl-d14
 Concen: 80.937 ng
 RT: 19.64 min Scan# 2831
 Delta R.T. -0.00 min
 Lab File: BM027172.D
 Acq: 21 Aug 2020 16:37

Instrument :
 BNA_M
 ClientSampleId :
 PB131109BL

Tot Ion:244 Resp: 1541969
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.8 8.8
 122 6.7 5.8 8.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.38 min Scan# 3467
 Delta R.T. -0.01 min
 Lab File: BM027172.D
 Acq: 21 Aug 2020 16:37

Tgt Ion:264 Resp: 367785
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.8 28.2
 265 22.2 17.5 26.3

