

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082120\
 Data File : BM027181.D
 Acq On : 21 Aug 2020 22:05
 Operator : JU/CG
 Sample : L3706-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

Quant Time: Aug 24 05:31:39 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

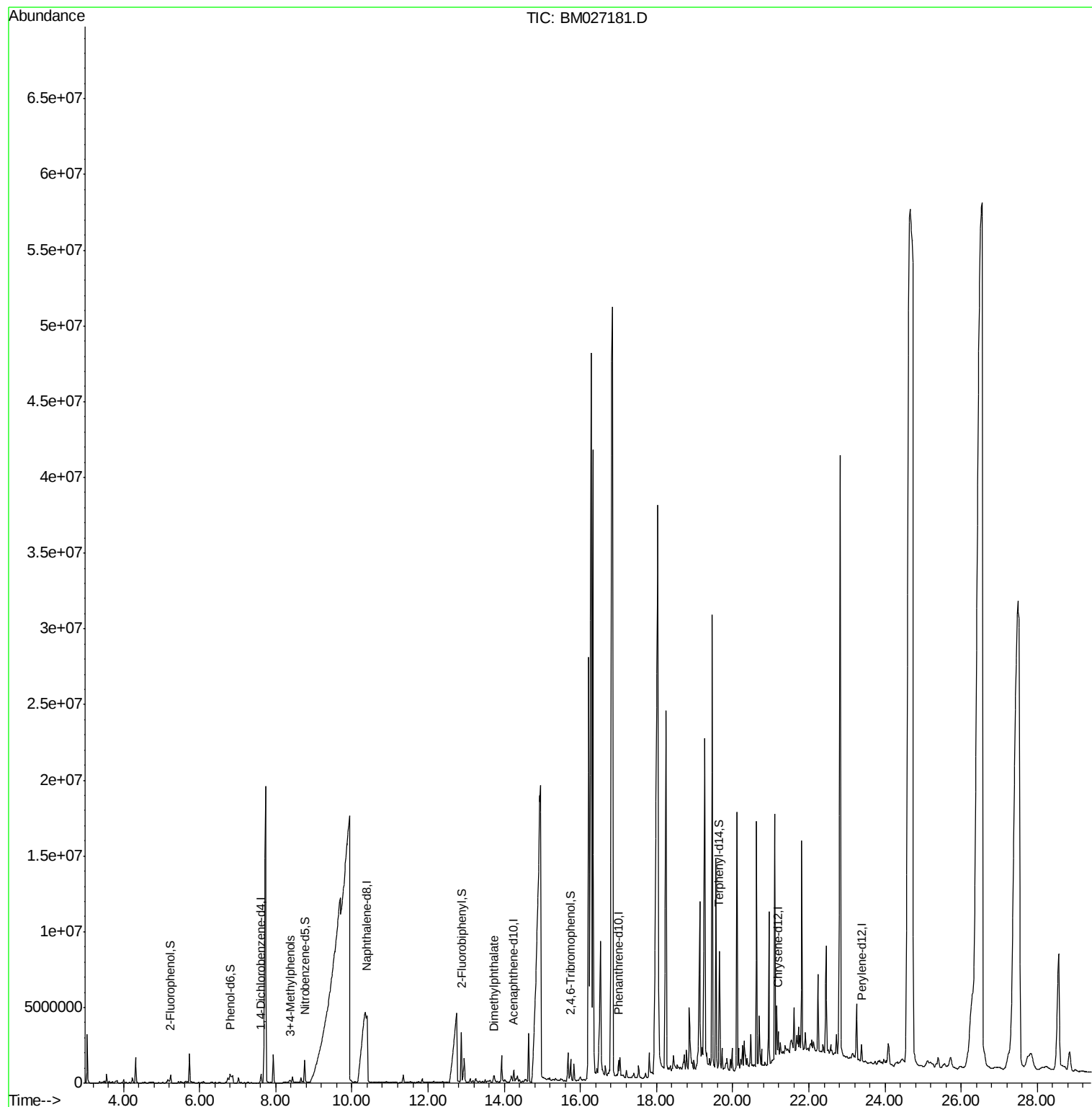
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	125311	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	382971	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	264179	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	619840	20.00	ng	0.00
76) Chrysene-d12	21.20	240	745706	20.00	ng	0.00
86) Perylene-d12	23.39	264	781046	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	176315	27.43	ng	0.00
7) Phenol-d6	6.80	99	153676	17.41	ng	0.00
23) Nitrobenzene-d5	8.76	82	880739	94.88	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	244530	57.16	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	1654992	82.29	ng	0.00
79) Terphenyl-d14	19.64	244	3290112	82.42	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	8.38	107	24066	3.090	ng	89
50) Dimethylphthalate	13.72	163	115306	5.376	ng	# 95

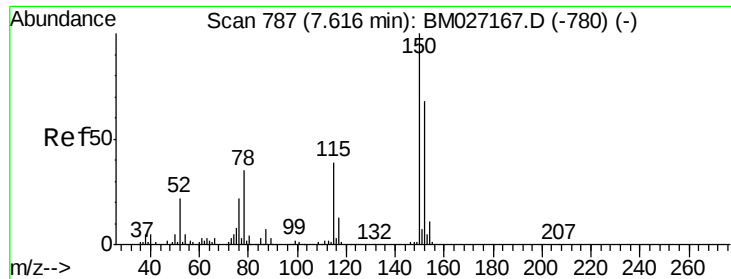
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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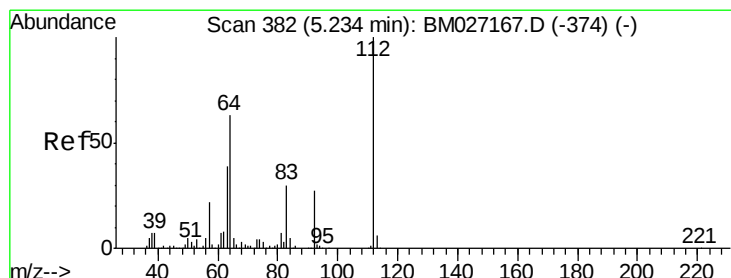
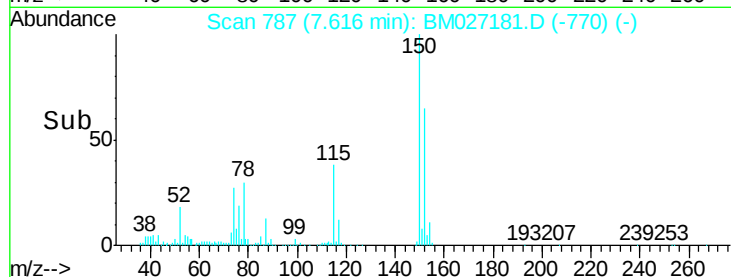
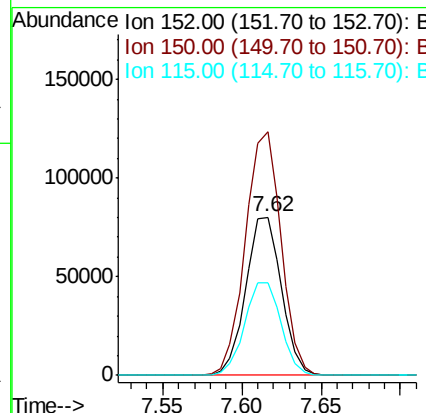
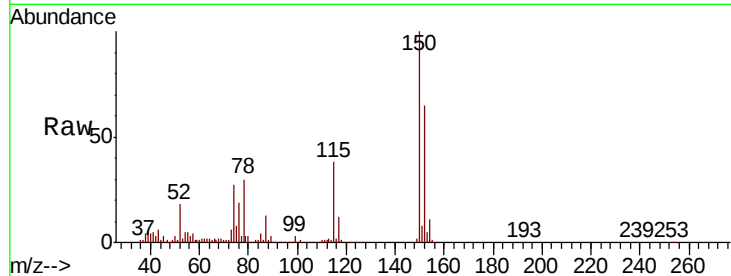


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM027181.D
Acq: 21 Aug 2020 22:05

Instrument :
BNA_M
ClientSampleId :
EFF-WW

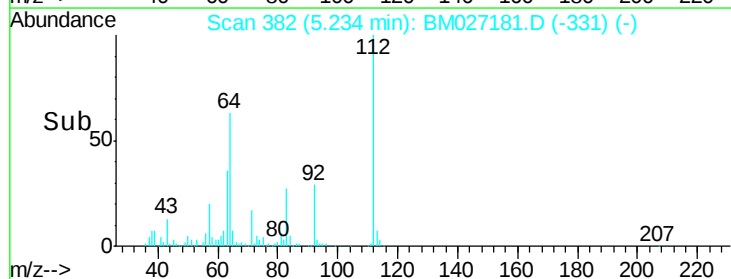
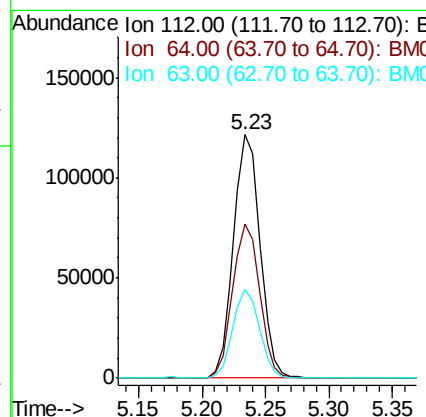
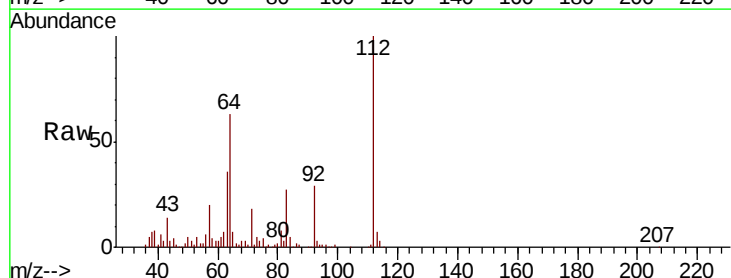
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	118.2	177.4
115	58.6	46.1	69.1

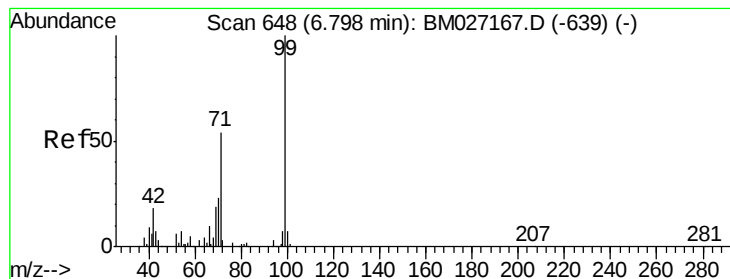


#5

2-Fluorophenol
Concen: 27.429 ng
RT: 5.23 min Scan# 382
Delta R.T. 0.00 min
Lab File: BM027181.D
Acq: 21 Aug 2020 22:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.2	50.0	75.0
63	36.3	31.6	47.4





#7

Phenol-d6

Concen: 17.412 ng

RT: 6.80 min Scan# 649

Delta R.T. 0.01 min

Lab File: BM027181.D

Acq: 21 Aug 2020 22:05

Instrument :

BNA_M

ClientSampleId :

EFF-WW

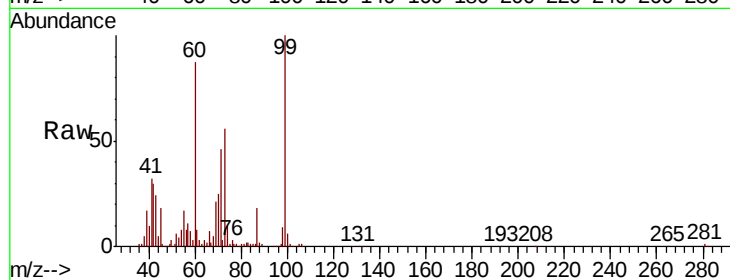
Tot Ion: 99 Resp: 153676

Ion Ratio Lower Upper

99 100

42 29.9 14.5 21.7#

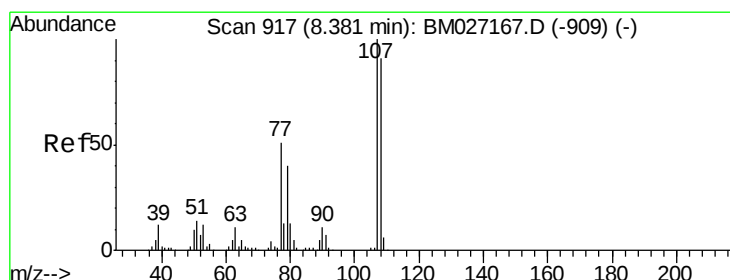
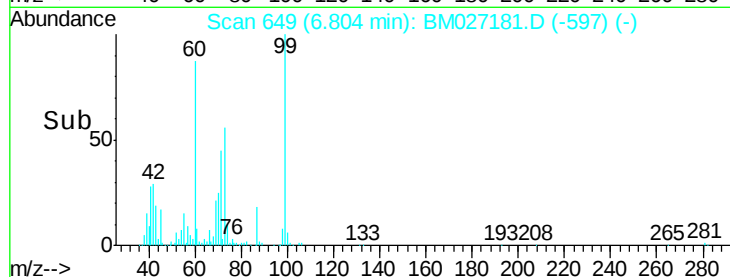
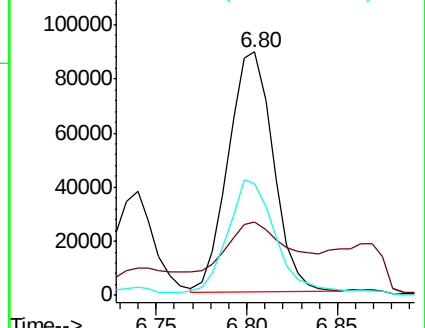
71 46.2 43.0 64.4



Abundance Ion 99.00 (98.70 to 99.70): BM027181.D (-597) (-)

Ion 42.00 (41.70 to 42.70): BM027181.D (-597) (-)

Ion 71.00 (70.70 to 71.70): BM027181.D (-597) (-)



#20

3+4-Methylphenols

Concen: 3.090 ng

RT: 8.38 min Scan# 917

Delta R.T. 0.00 min

Lab File: BM027181.D

Acq: 21 Aug 2020 22:05

Tgt Ion: 107 Resp: 24066

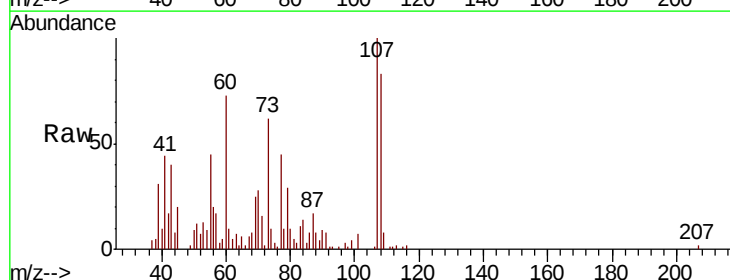
Ion Ratio Lower Upper

107 100

108 82.5 70.7 110.7

77 44.9 30.8 70.8

79 29.4 20.6 60.6

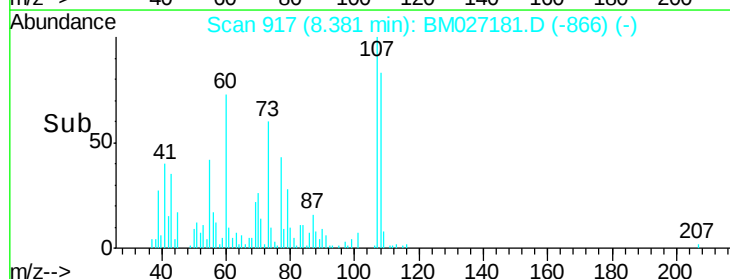
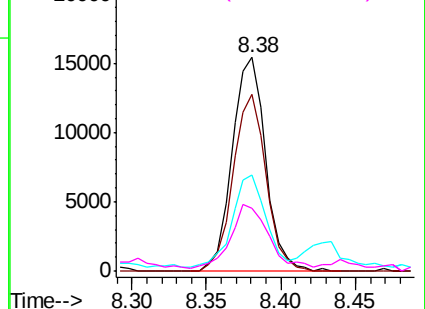


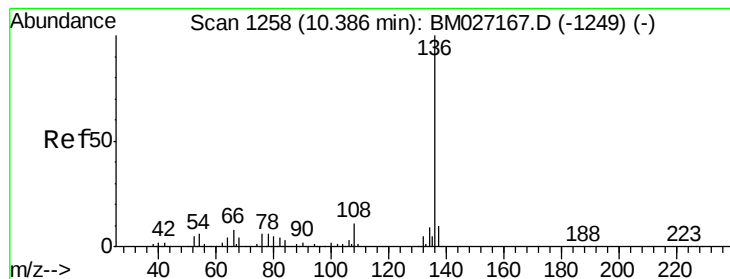
Abundance Ion 107.00 (106.70 to 107.70): BM027181.D (-866) (-)

Ion 108.00 (107.70 to 108.70): BM027181.D (-866) (-)

Ion 77.00 (76.70 to 77.70): BM027181.D (-866) (-)

Ion 79.00 (78.70 to 79.70): BM027181.D (-866) (-)

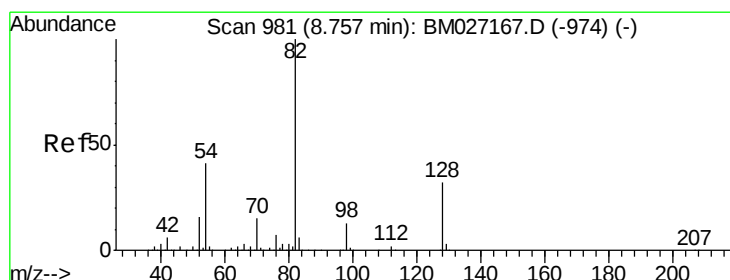
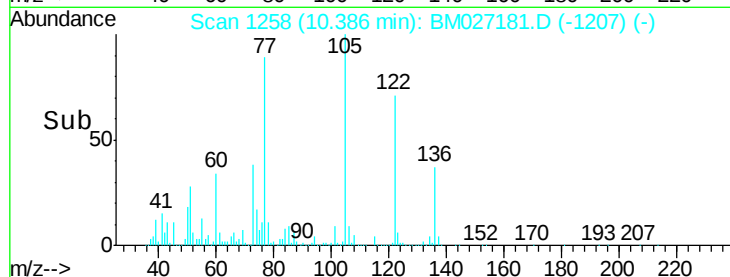
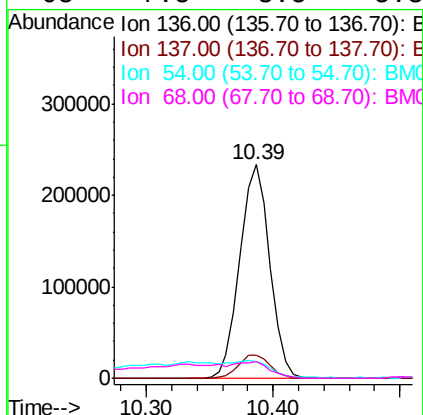
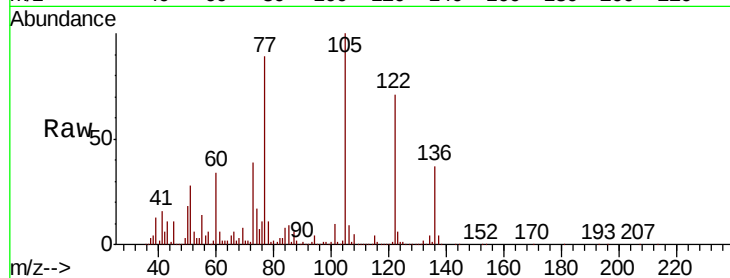




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BM027181.D
Acq: 21 Aug 2020 22:05

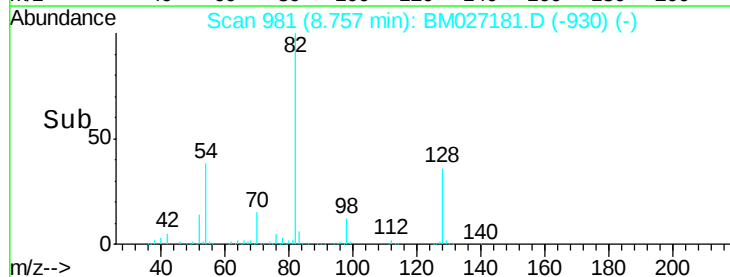
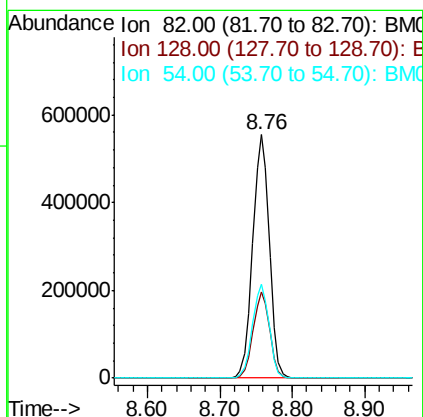
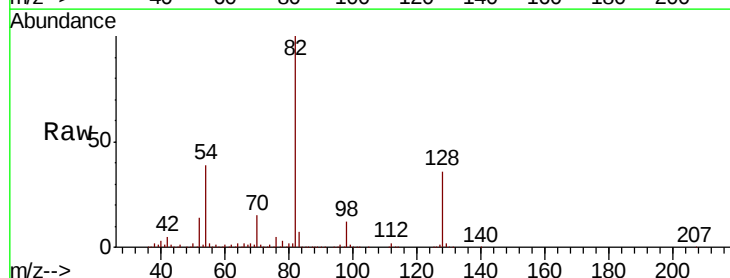
Instrument :
BNA_M
ClientSampleId :
EFF-WW

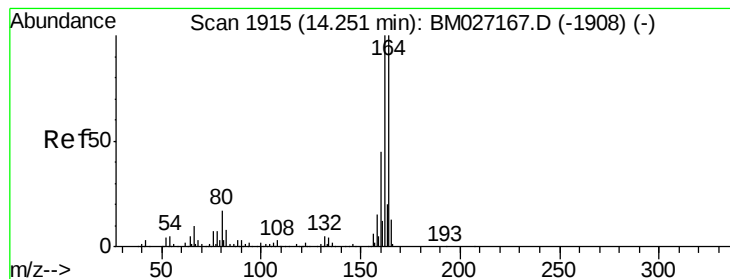
Tot Ion:136	Resp:	382971
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.2 12.4
54	7.9	4.8 7.2#
68	7.5	3.5 5.3#



#23
Nitrobenzene-d5
Concen: 94.882 ng
RT: 8.76 min Scan# 981
Delta R.T. 0.00 min
Lab File: BM027181.D
Acq: 21 Aug 2020 22:05

Tgt Ion: 82	Resp:	880739
Ion	Ratio	Lower Upper
82	100	
128	35.6	25.7 38.5
54	38.5	33.0 49.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1916

Delta R.T. 0.01 min

Lab File: BM027181.D

Acq: 21 Aug 2020 22:05

Instrument :

BNA_M

ClientSampleId :

EFF-WW

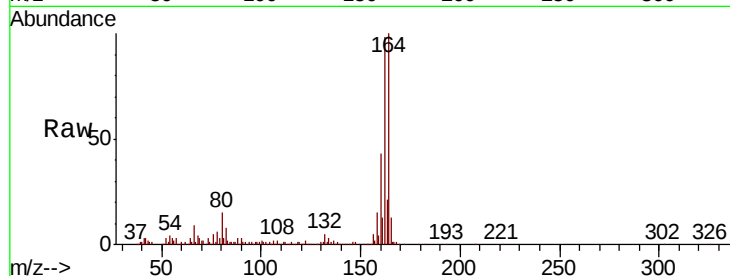
Tot Ion:164 Resp: 264179

Ion Ratio Lower Upper

164 100

162 98.4 80.2 120.4

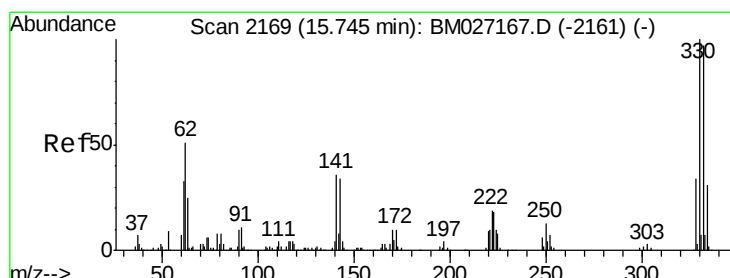
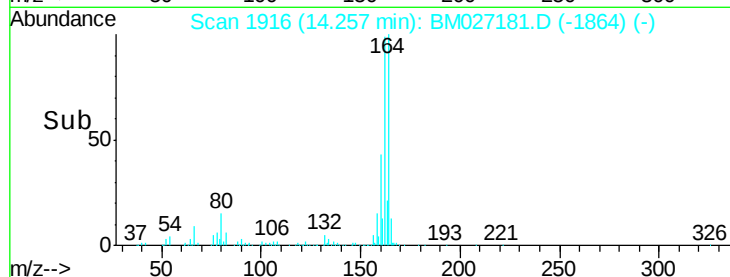
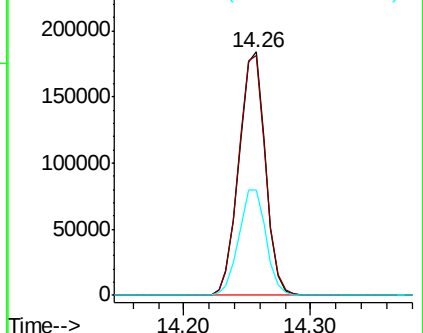
160 43.1 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 57.161 ng

RT: 15.74 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BM027181.D

Acq: 21 Aug 2020 22:05

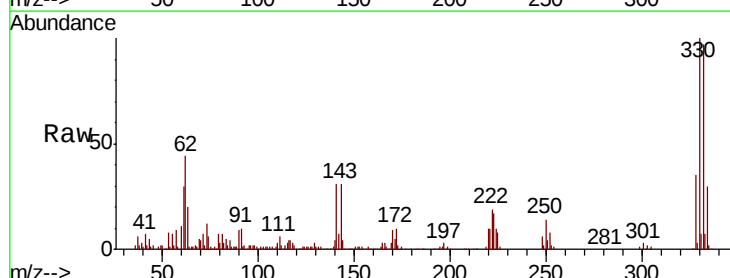
Tgt Ion:330 Resp: 244530

Ion Ratio Lower Upper

330 100

332 97.4 77.2 115.8

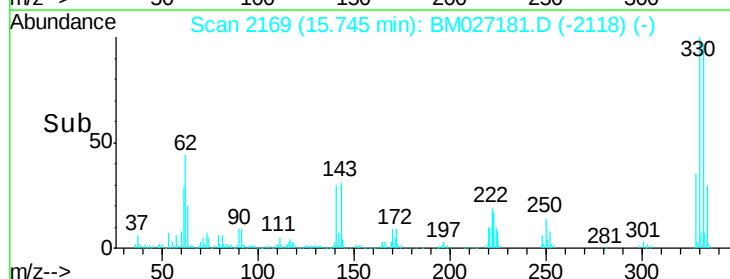
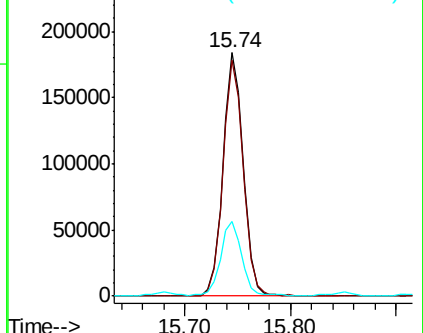
141 32.4 31.0 46.6

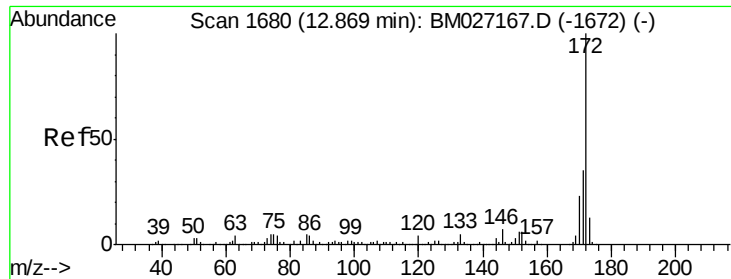


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

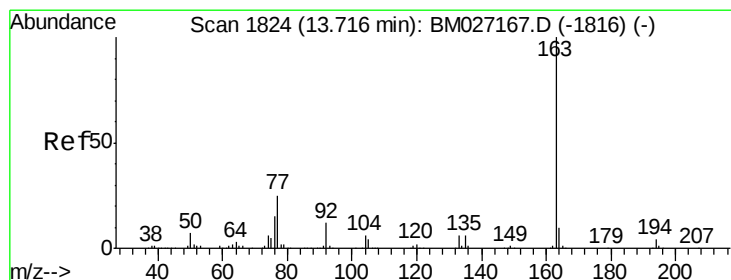
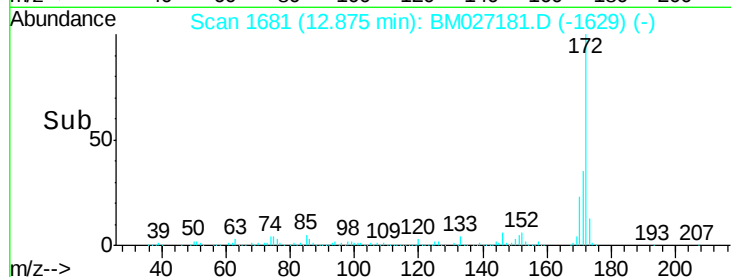
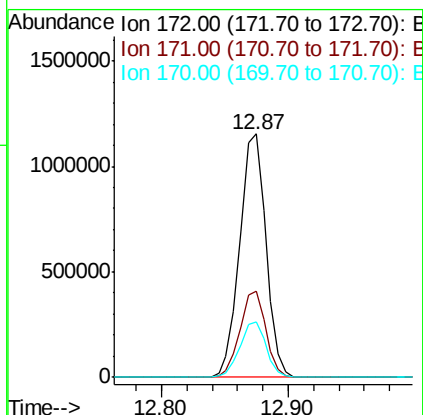
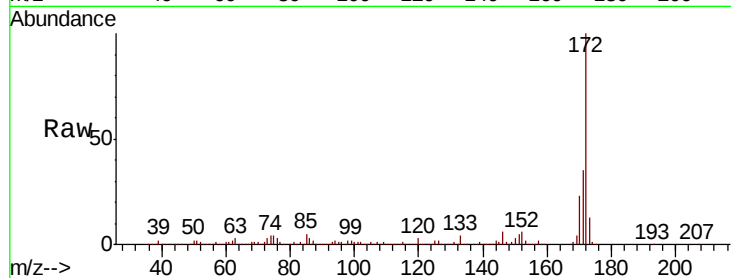




#45
2-Fluorobiphenyl
Concen: 82.294 ng
RT: 12.87 min Scan# 1681
Delta R.T. 0.01 min
Lab File: BM027181.D
Acq: 21 Aug 2020 22:05

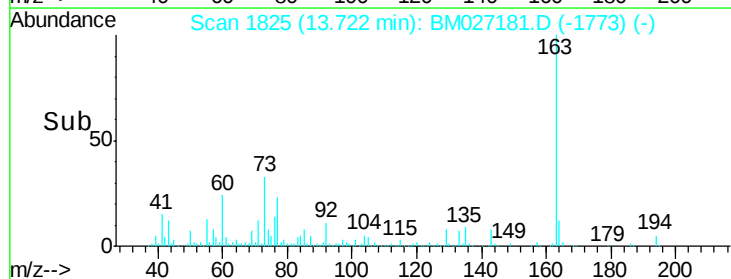
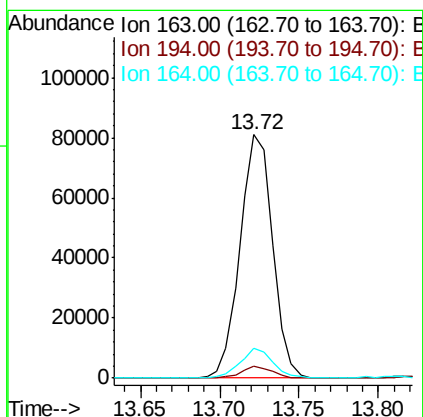
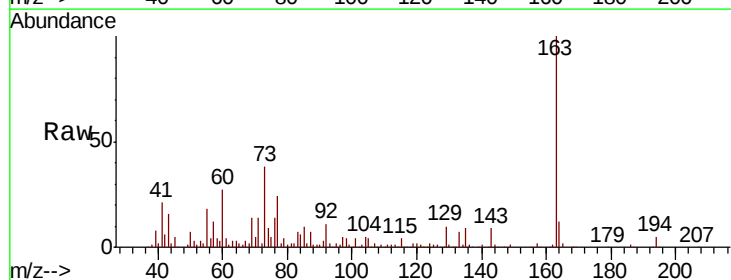
Instrument :
BNA_M
ClientSampleId :
EFF-WW

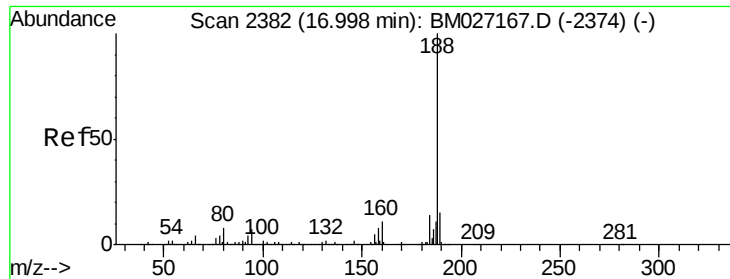
Tot Ion:172 Resp: 1654992
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 23.0 18.6 28.0



#50
Dimethylphthalate
Concen: 5.376 ng
RT: 13.72 min Scan# 1825
Delta R.T. 0.01 min
Lab File: BM027181.D
Acq: 21 Aug 2020 22:05

Tgt Ion:163 Resp: 115306
Ion Ratio Lower Upper
163 100
194 4.8 3.4 5.2
164 12.5 8.2 12.2#

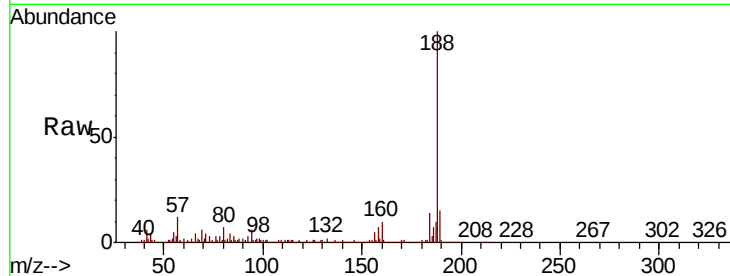




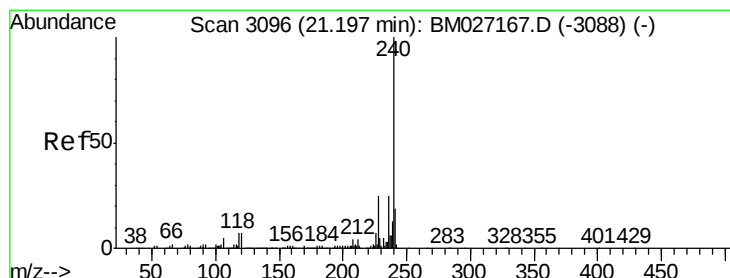
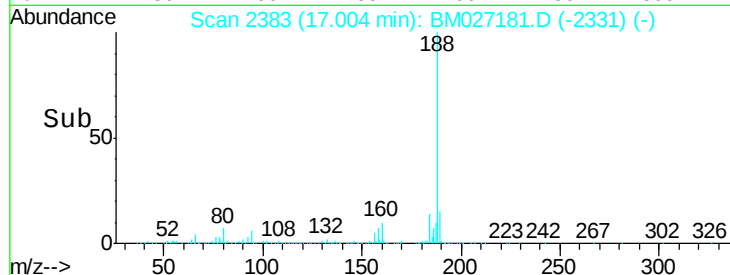
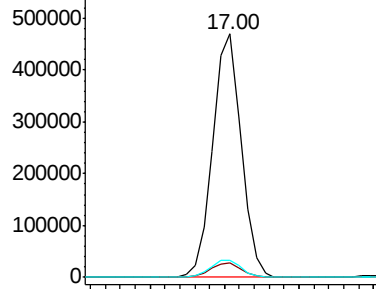
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.00 min Scan# 2383
Delta R.T. 0.01 min
Lab File: BM027181.D
Acq: 21 Aug 2020 22:05

Instrument :
BNA_M
ClientSampleId :
EFF-WW

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.5	8.3
80	7.1	6.2	9.4

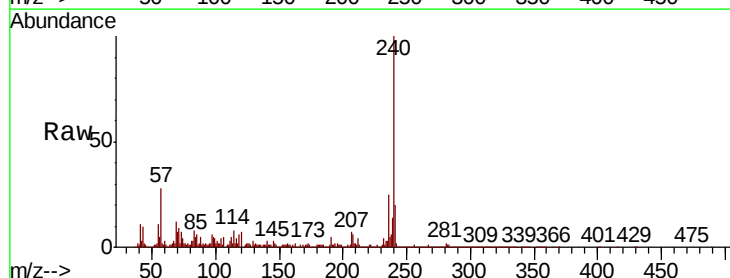


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

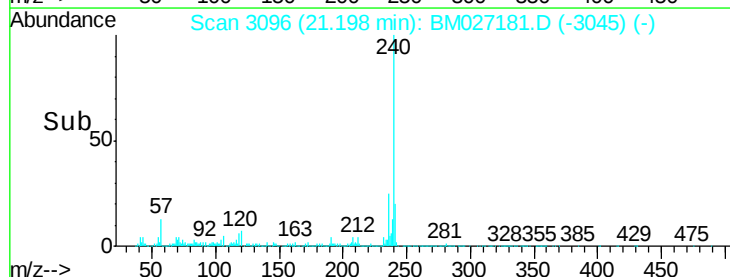
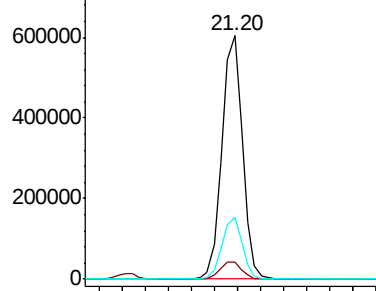


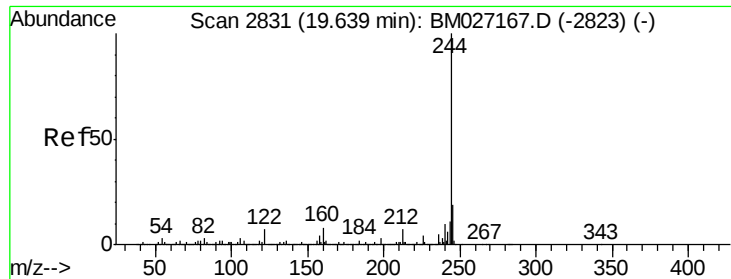
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.20 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BM027181.D
Acq: 21 Aug 2020 22:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.8	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: 82.420 ng

RT: 19.64 min Scan# 2832

Delta R.T. 0.01 min

Lab File: BM027181.D

Acq: 21 Aug 2020 22:05

Instrument :

BNA_M

ClientSampleId :

EFF-WW

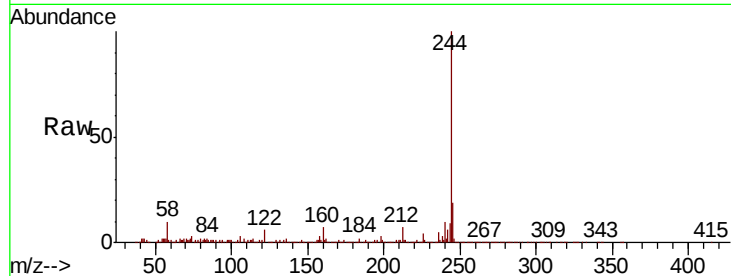
Tot Ion:244 Resp: 3290112

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

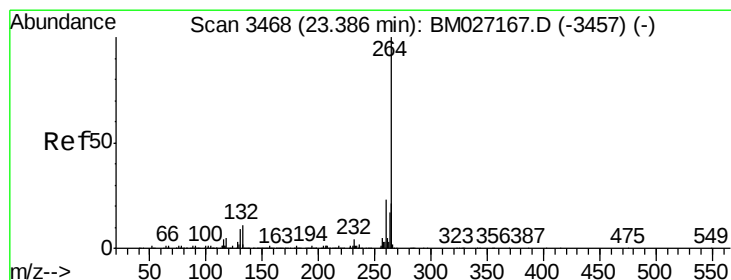
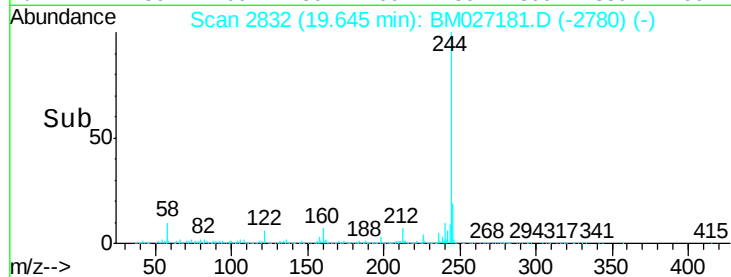
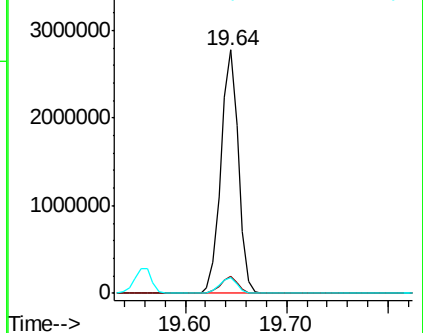
122 6.5 5.8 8.8



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: 23.39 min Scan# 3468

Delta R.T. 0.00 min

Lab File: BM027181.D

Acq: 21 Aug 2020 22:05

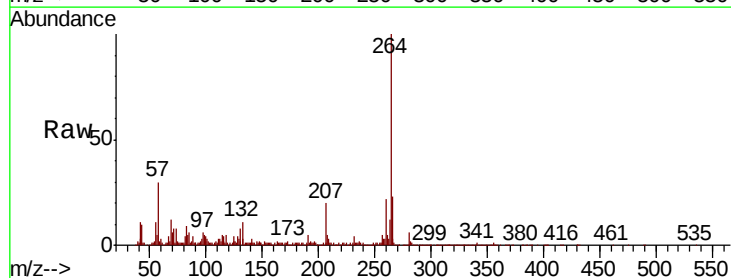
Tgt Ion:264 Resp: 781046

Ion Ratio Lower Upper

264 100

260 22.5 18.8 28.2

265 22.6 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

