

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082120\
 Data File : BM027185.D
 Acq On : 22 Aug 2020 00:30
 Operator : JU/CG
 Sample : L3745-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LMFND

Quant Time: Aug 22 06:54:51 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

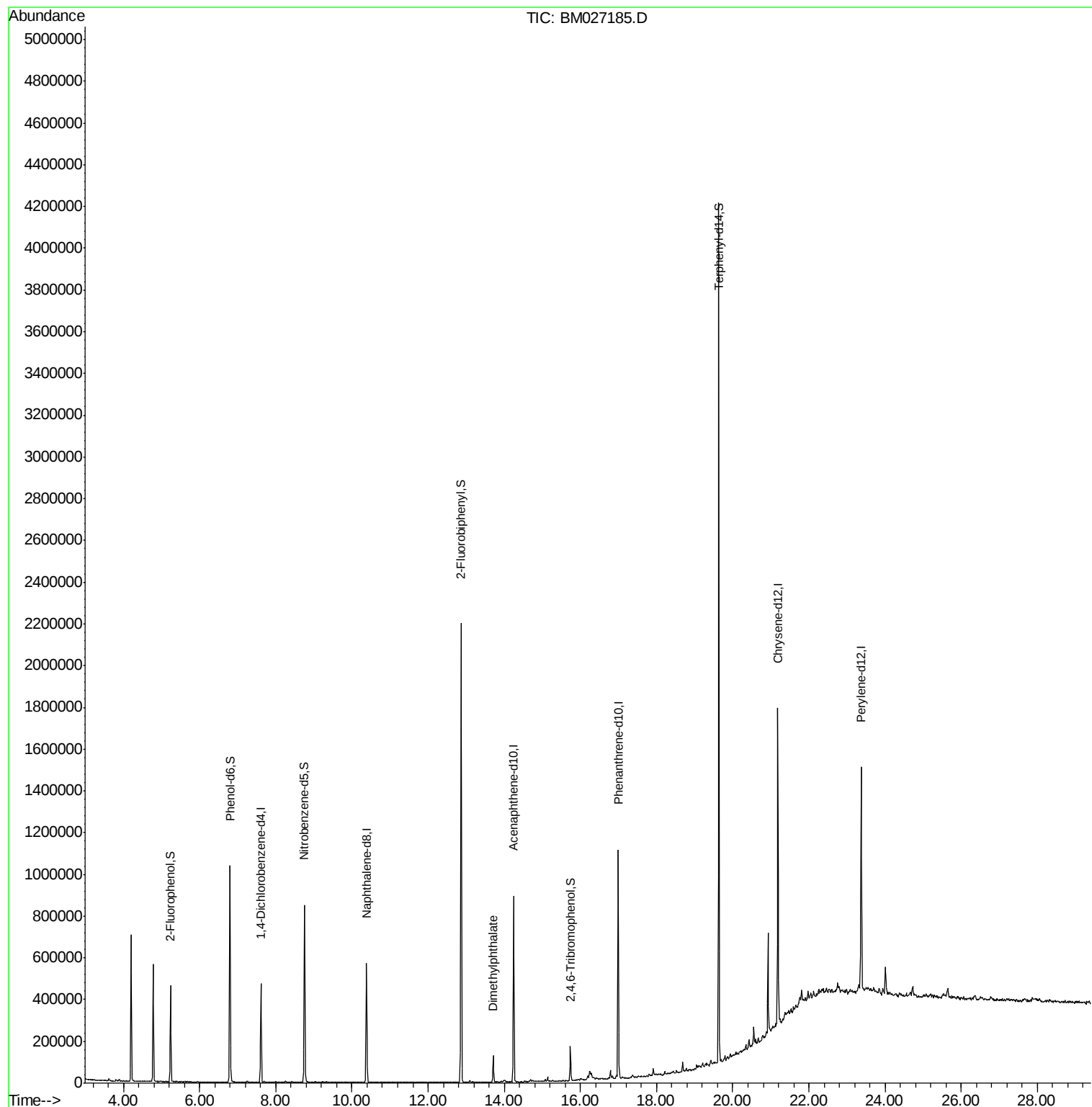
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	121931	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	448803	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	286698	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	626012	20.00	ng	0.00
76) Chrysene-d12	21.19	240	692488	20.00	ng	-0.01
86) Perylene-d12	23.37	264	737065	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	169072	27.03	ng	0.00
7) Phenol-d6	6.80	99	533826	62.16	ng	0.00
23) Nitrobenzene-d5	8.75	82	522787	48.06	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	29239	6.30	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	1077037	49.35	ng	0.00
79) Terphenyl-d14	19.63	244	1694169	45.70	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.71	163	76955	3.306	ng	Qvalue 100

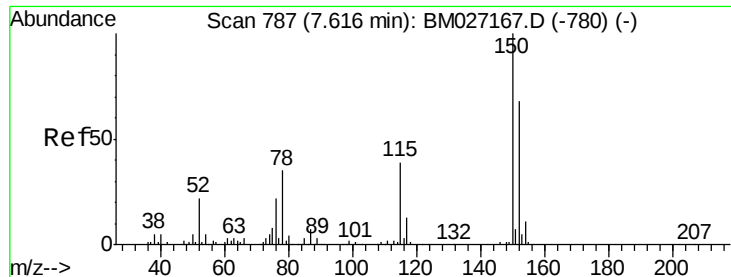
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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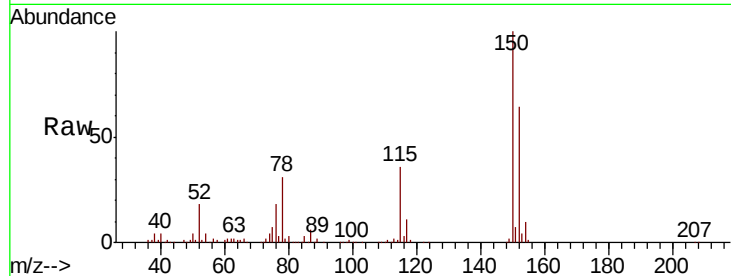


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM027185.D
Acq: 22 Aug 2020 00:30

Instrument :
BNA_M
ClientSampleId :
LMFND

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	118.2	177.4
115	56.4	46.1	69.1

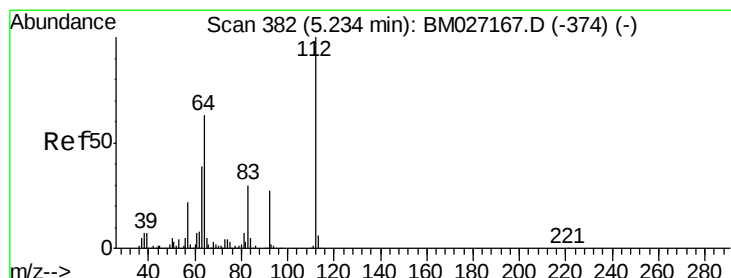
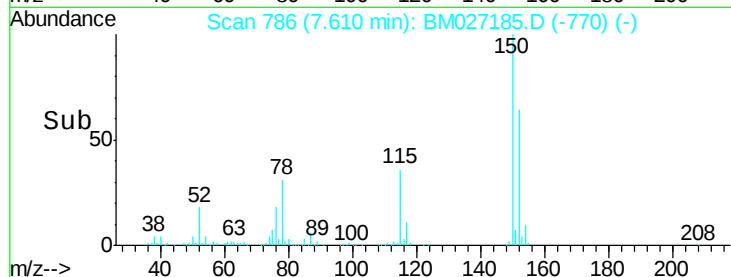
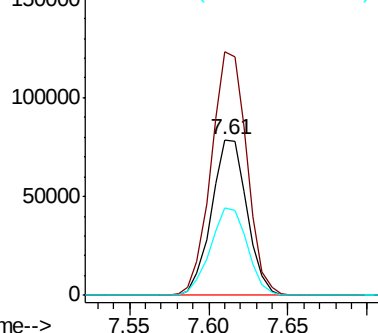


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

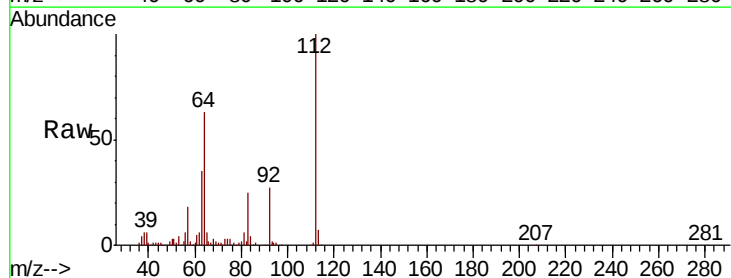
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 27.031 ng
RT: 5.23 min Scan# 382
Delta R.T. 0.00 min
Lab File: BM027185.D
Acq: 22 Aug 2020 00:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.1	50.0	75.0
63	34.9	31.6	47.4

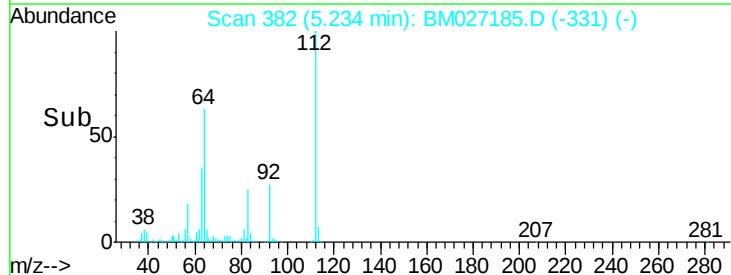
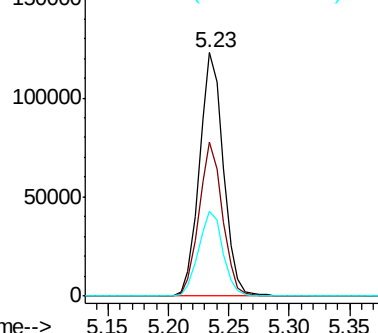


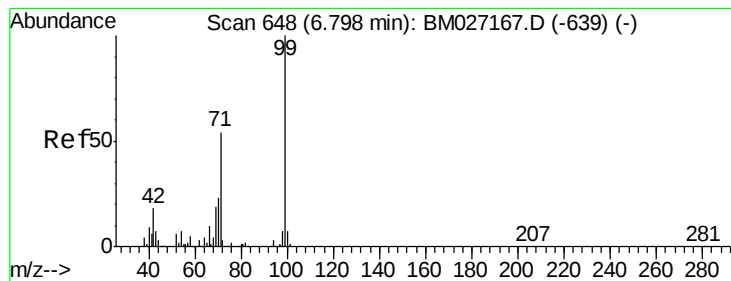
Abundance

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: 62.162 ng

RT: 6.80 min Scan# 648

Delta R.T. 0.00 min

Lab File: BM027185.D

Acq: 22 Aug 2020 00:30

Instrument :

BNA_M

ClientSampleId :

LMFND

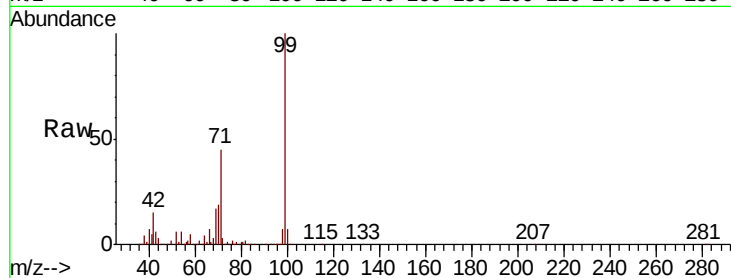
Tot Ion: 99 Resp: 533826

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

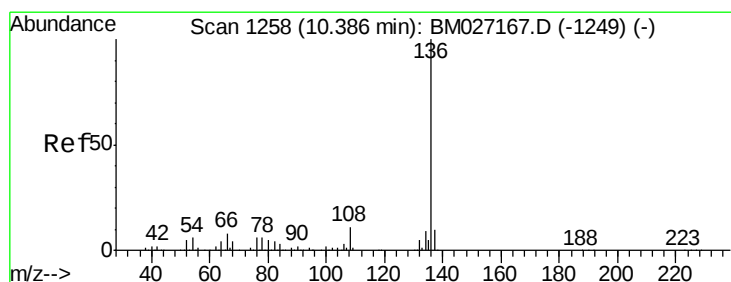
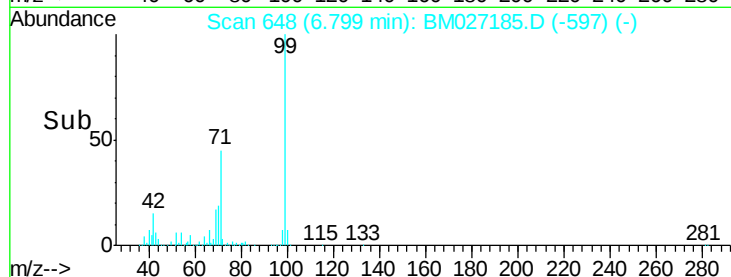
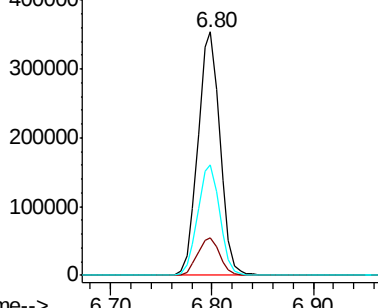
71 45.2 43.0 64.4



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: 10.38 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BM027185.D

Acq: 22 Aug 2020 00:30

Tgt Ion: 136 Resp: 448803

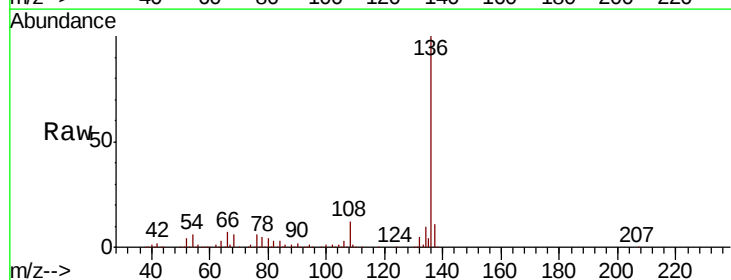
Ion Ratio Lower Upper

136 100

137 11.0 8.2 12.4

54 5.6 4.8 7.2

68 5.7 3.5 5.3#

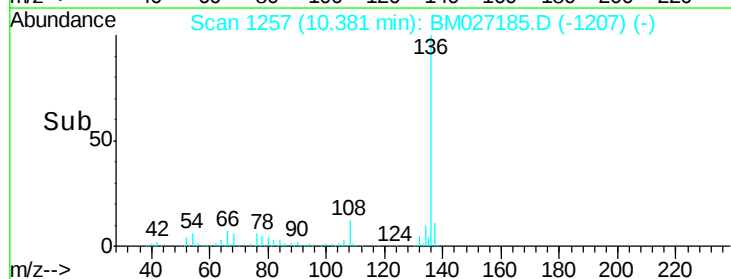
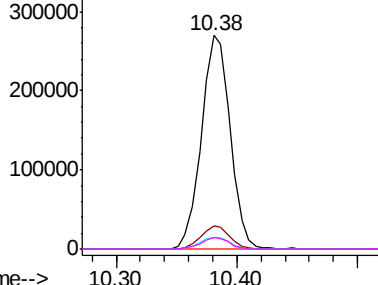


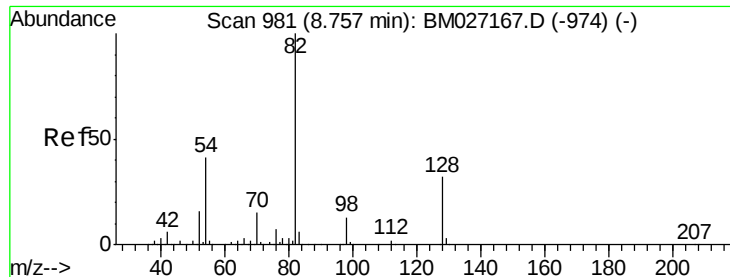
Abundance Ion 136.00 (135.70 to 136.70): BM027167.D (-1249) (-)

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) (-)

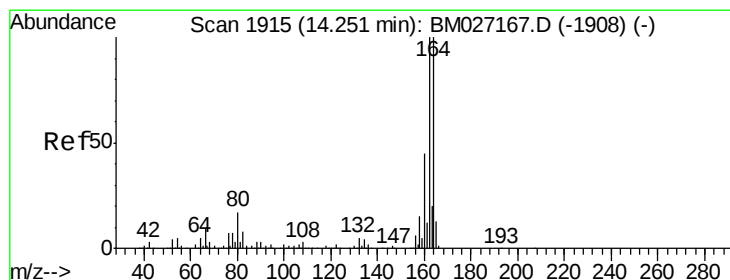
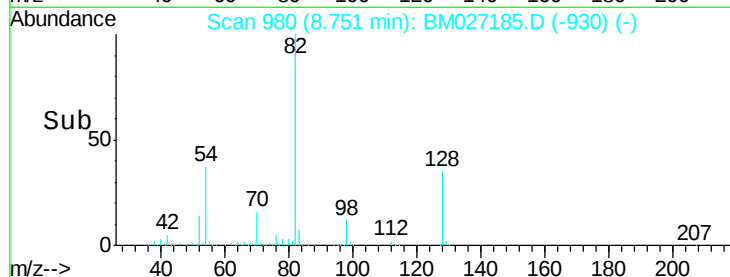
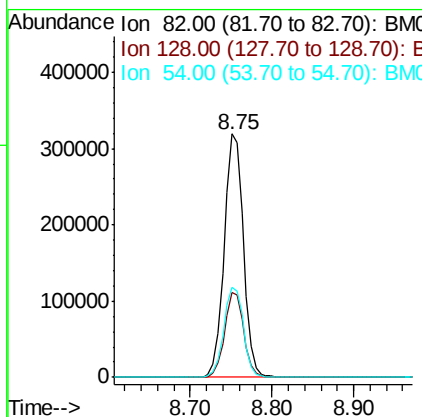
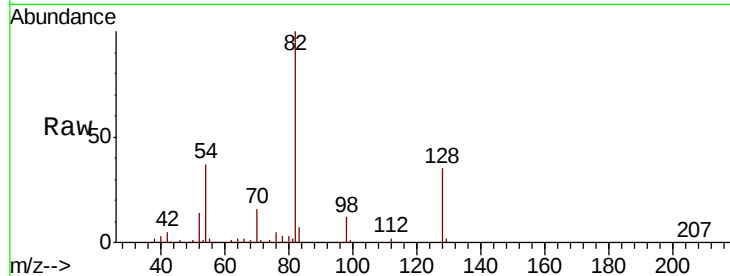




#23
 Nitrobenzene-d5
 Concen: 48.058 ng
 RT: 8.75 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BM027185.D
 Acq: 22 Aug 2020 00:30

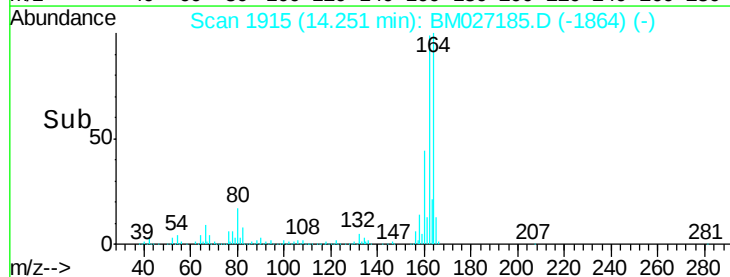
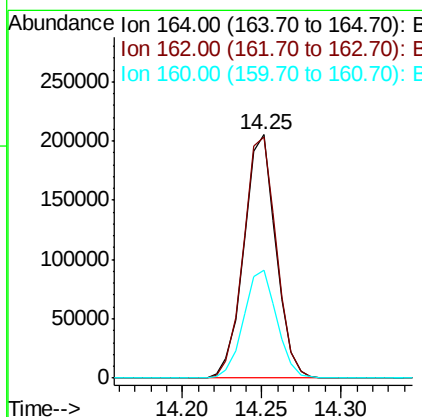
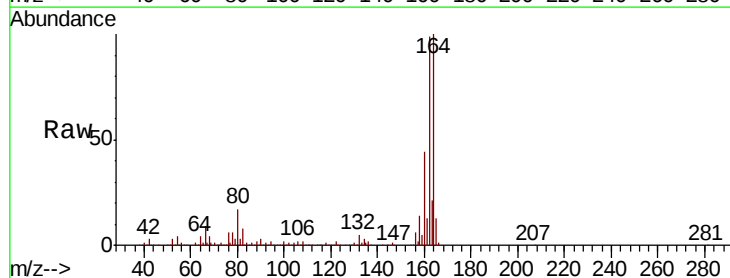
Instrument :
 BNA_M
 ClientSampleId :
 LMFND

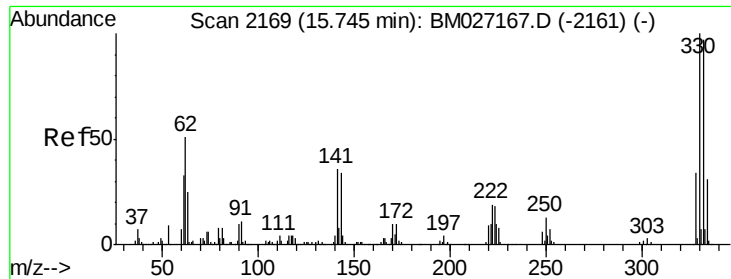
Tot Ion	82	Resp	522787
Ion Ratio	Lower	Upper	
82	100		
128	34.8	25.7	38.5
54	37.2	33.0	49.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.25 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: BM027185.D
 Acq: 22 Aug 2020 00:30

Tgt Ion	164	Resp	286698
Ion Ratio	Lower	Upper	
164	100		
162	98.8	80.2	120.4
160	44.3	36.3	54.5

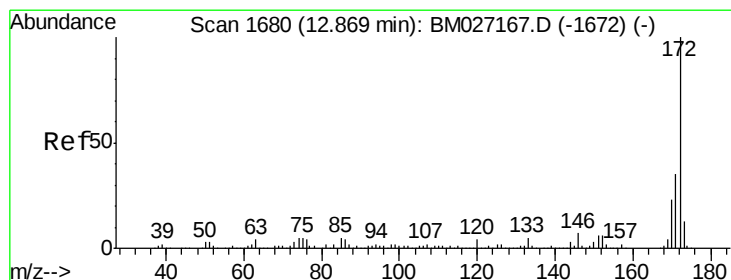
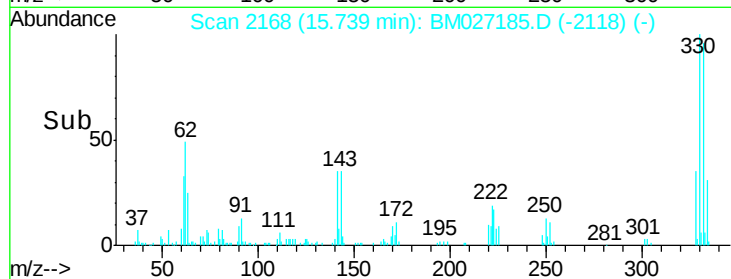
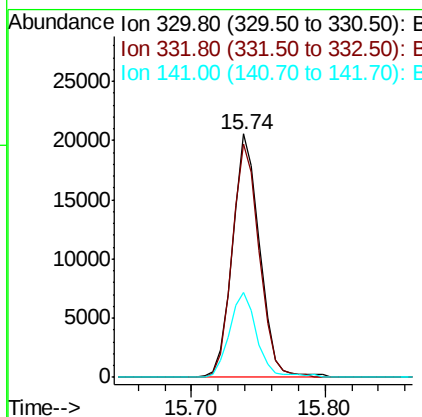
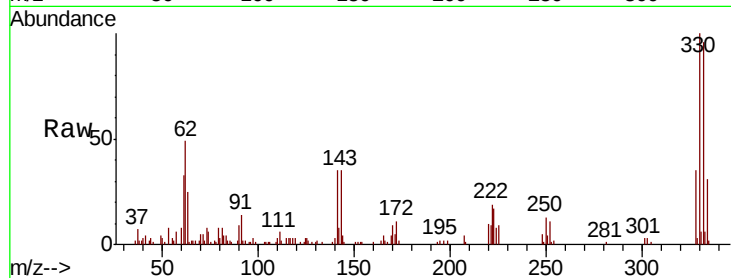




#42
 2,4,6-Tribromophenol
 Concen: 6.298 ng
 RT: 15.74 min Scan# 2168
 Delta R.T. -0.01 min
 Lab File: BM027185.D
 Acq: 22 Aug 2020 00:30

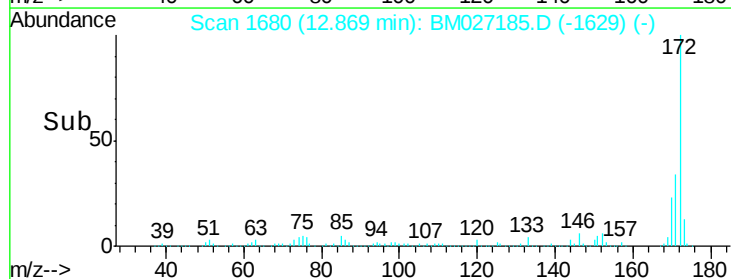
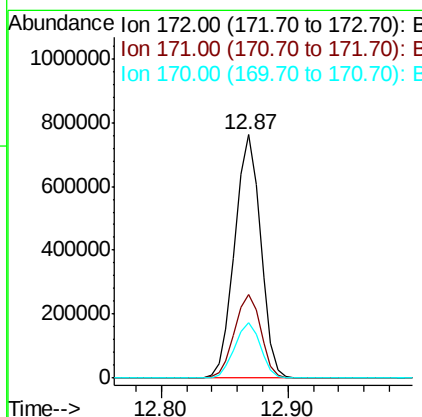
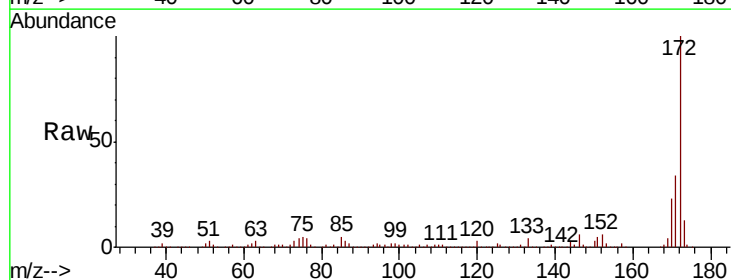
Instrument :
 BNA_M
 ClientSampleId :
 LMFND

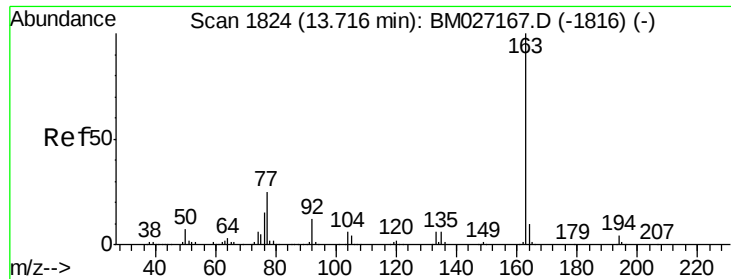
Tot Ion:330 Resp: 29239
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.2 115.8
 141 35.7 31.0 46.6



#45
 2-Fluorobiphenyl
 Concen: 49.349 ng
 RT: 12.87 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: BM027185.D
 Acq: 22 Aug 2020 00:30

Tgt Ion:172 Resp: 1077037
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.1 42.1
 170 22.9 18.6 28.0





#50

Dimethylphthalate

Concen: 3.306 ng

RT: 13.71 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BM027185.D

Acq: 22 Aug 2020 00:30

Instrument :

BNA_M

ClientSampleId :

LMFND

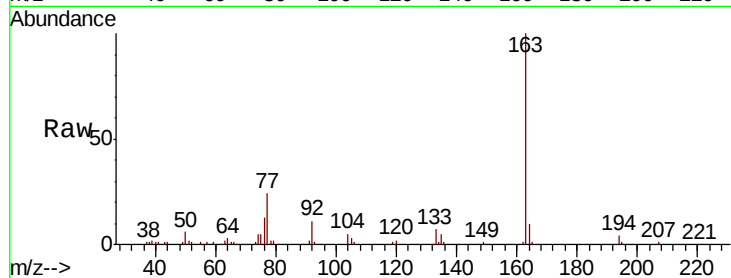
Tot Ion:163 Resp: 76955

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

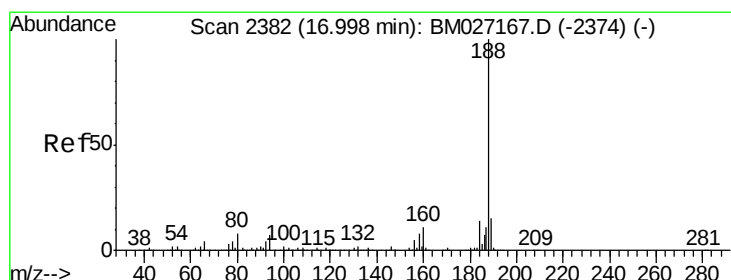
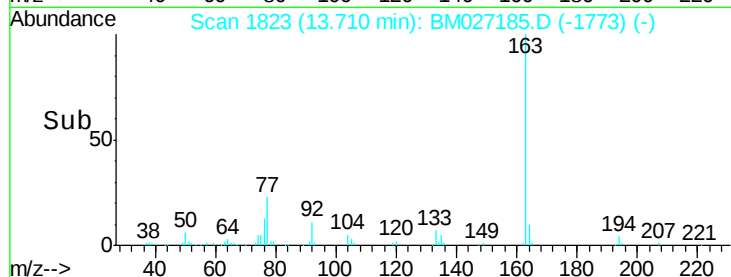
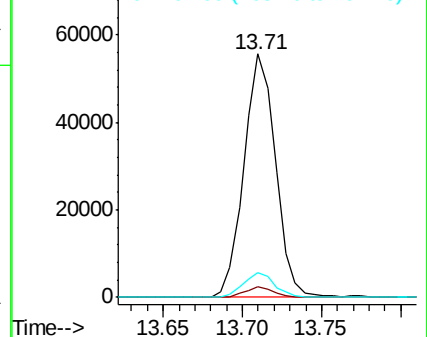
164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2381

Delta R.T. -0.01 min

Lab File: BM027185.D

Acq: 22 Aug 2020 00:30

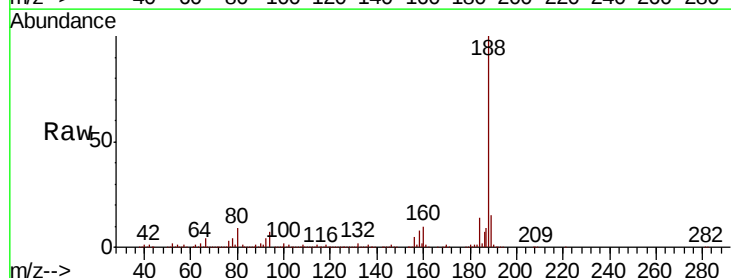
Tgt Ion:188 Resp: 626012

Ion Ratio Lower Upper

188 100

94 7.3 5.5 8.3

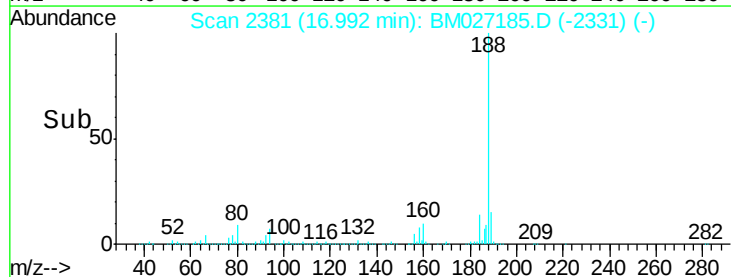
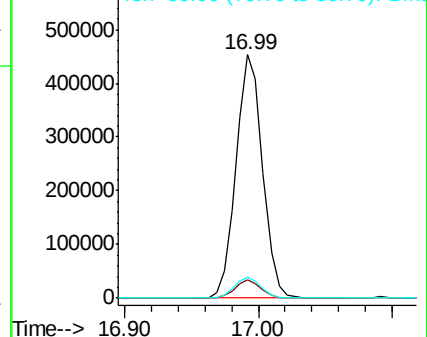
80 8.6 6.2 9.4

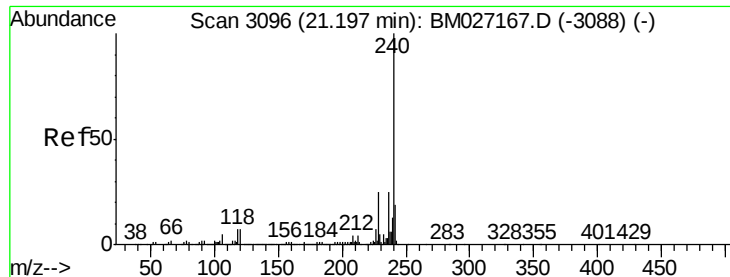


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM027185.D

Acq: 22 Aug 2020 00:30

Instrument :

BNA_M

ClientSampleId :

LMFND

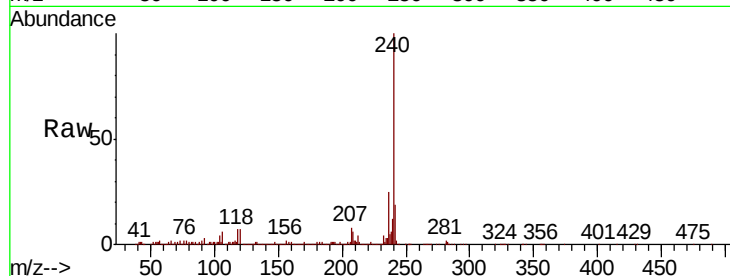
Tot Ion:240 Resp: 692488

Ion Ratio Lower Upper

240 100

120 7.1 5.6 8.4

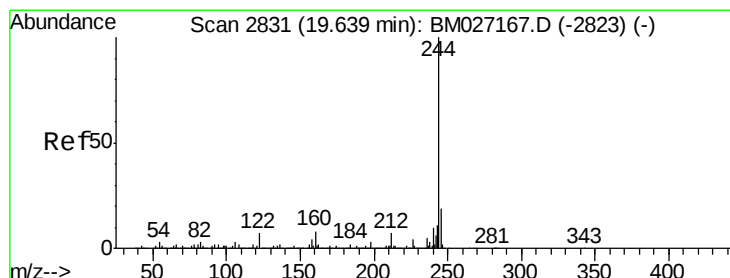
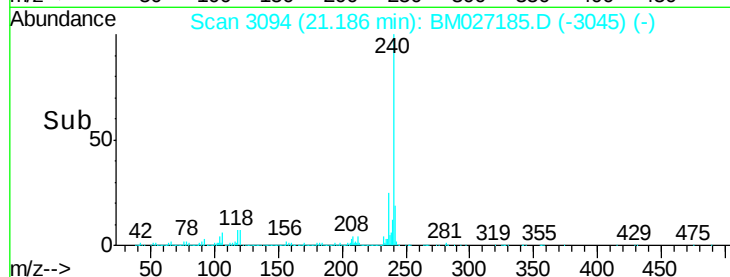
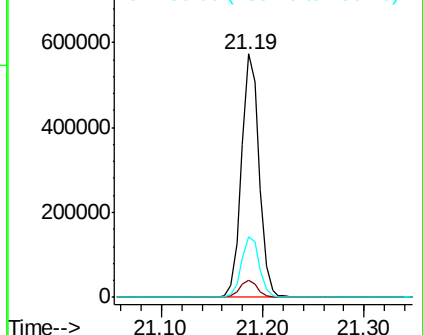
236 24.8 19.8 29.6



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: 45.702 ng

RT: 19.63 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BM027185.D

Acq: 22 Aug 2020 00:30

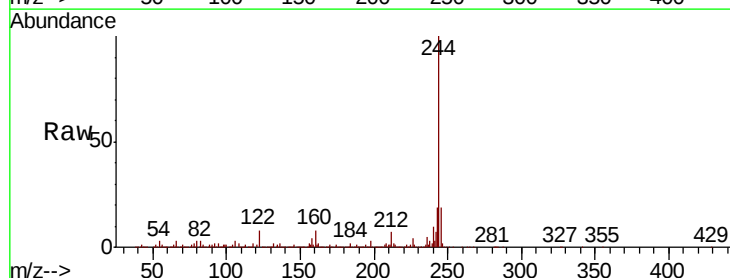
Tgt Ion:244 Resp: 1694169

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

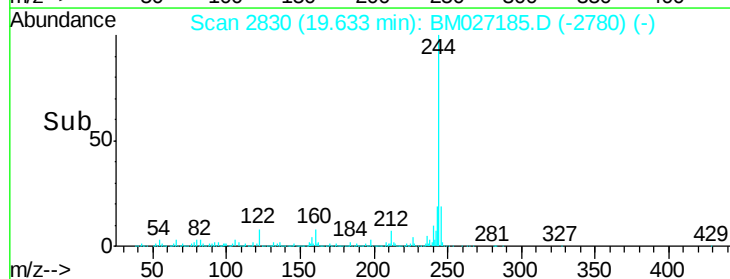
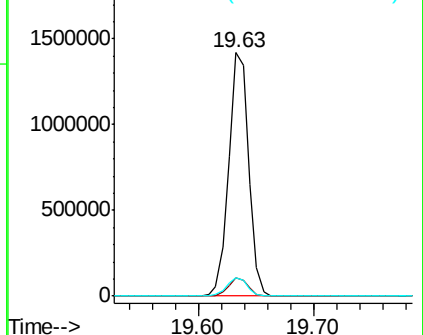
122 7.8 5.8 8.8

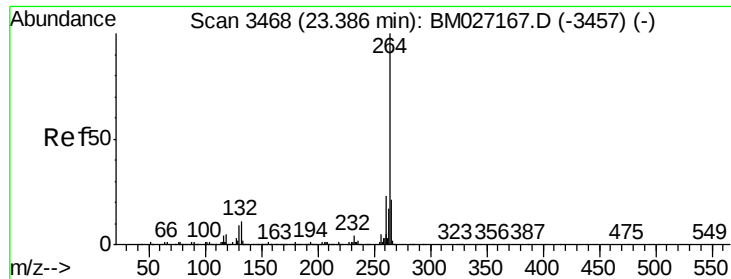


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3466
Delta R.T. -0.01 min
Lab File: BM027185.D
Acq: 22 Aug 2020 00:30

Instrument :
BNA_M
ClientSampleId :
LMFND

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.8	28.2
265	22.6	17.5	26.3

