

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090220\
 Data File : BM027307.D
 Acq On : 02 Sep 2020 17:13
 Operator : JU/CG
 Sample : PB131374BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB131374BL

Quant Time: Sep 02 17:52:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM090220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 16:21:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	142890	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	522824	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	364477	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	827573	20.00	ng	0.00
76) Chrysene-d12	21.16	240	878465	20.00	ng	0.00
86) Perylene-d12	23.34	264	893314	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1307604	152.35	ng	0.00
7) Phenol-d6	6.77	99	1673014	144.45	ng	0.00
23) Nitrobenzene-d5	8.72	82	1317354	107.64	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	936411	146.53	ng	0.00
45) 2-Fluorobiphenyl	12.84	172	2873339	104.84	ng	0.00
79) Terphenyl-d14	19.62	244	5657457	112.09	ng	0.00

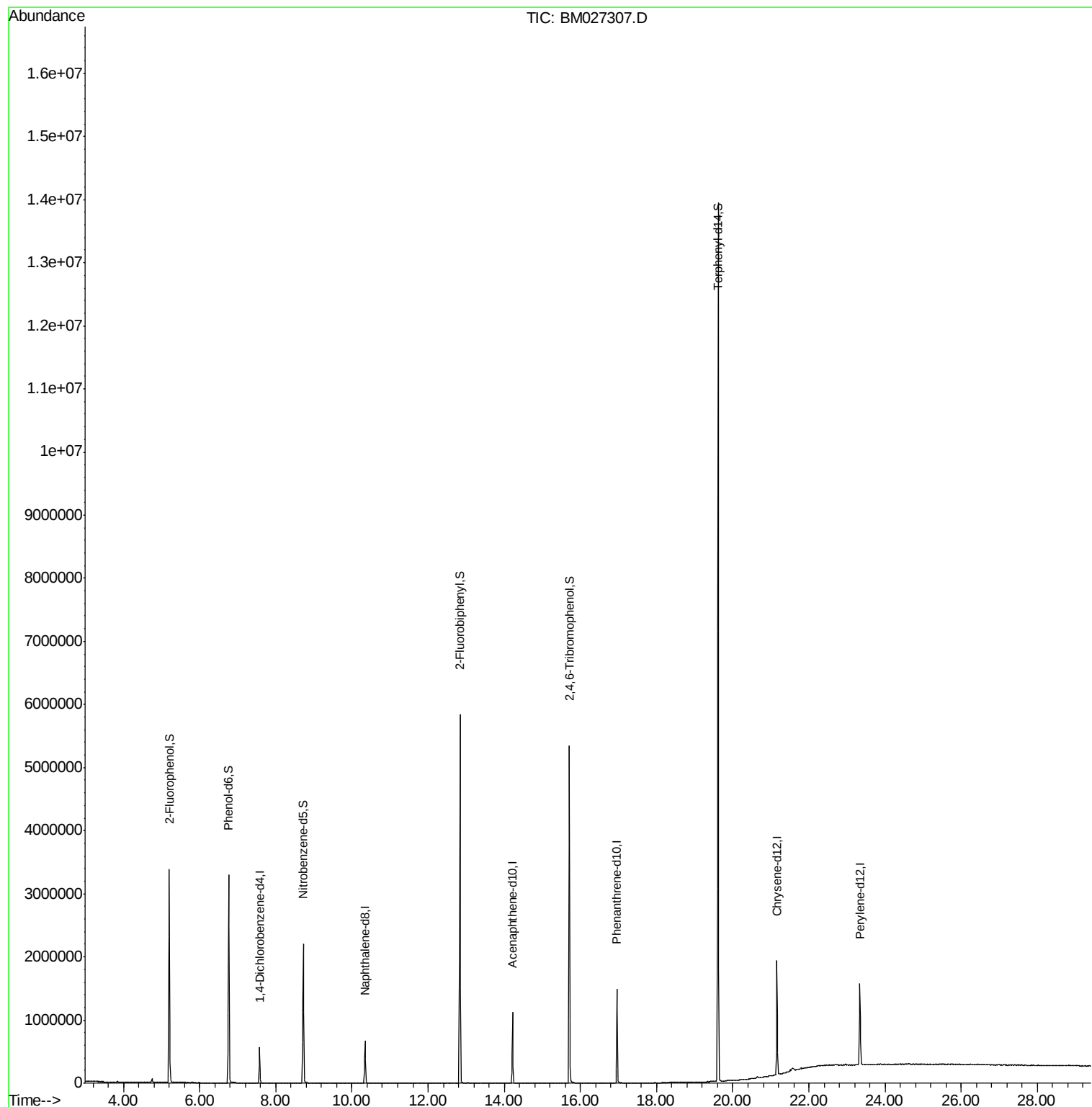
Target Compounds Qvalue

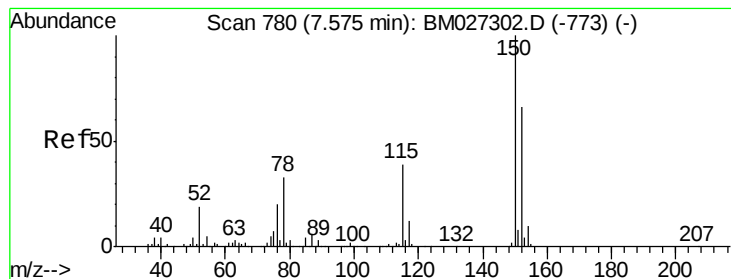
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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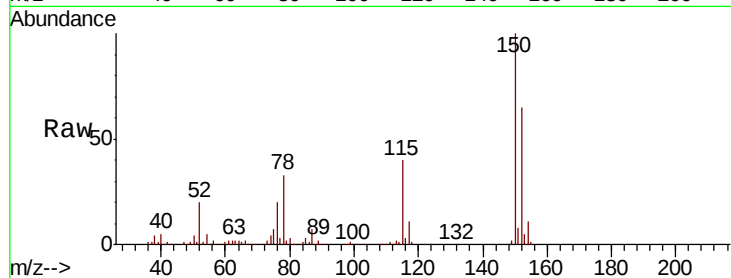


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 780
Delta R.T. 0.00 min
Lab File: BM027307.D
Acq: 02 Sep 2020 17:13

Instrument :
BNA_M
ClientSampleId :
PB131374BL

Tot Ion	152	Resp	142890
Ion Ratio	Lower	Upper	
152	100		
150	154.7	120.6	181.0
115	61.9	47.2	70.8

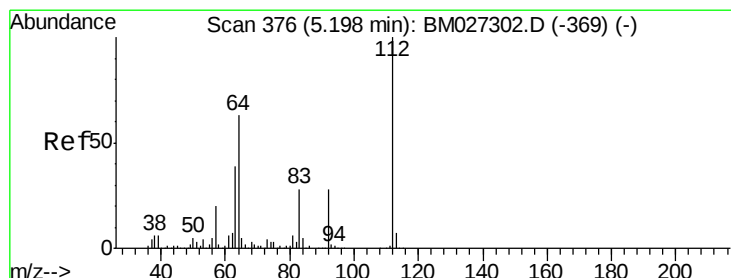
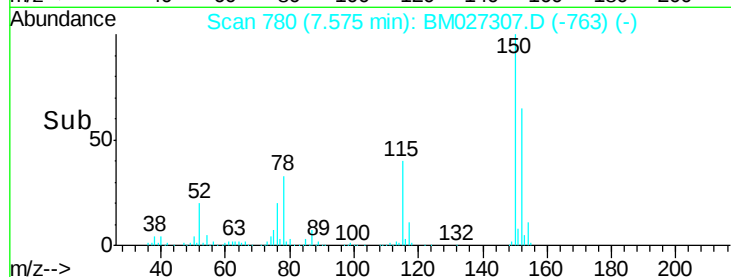
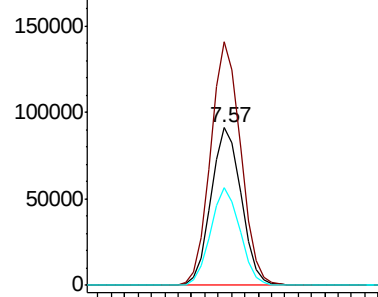


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

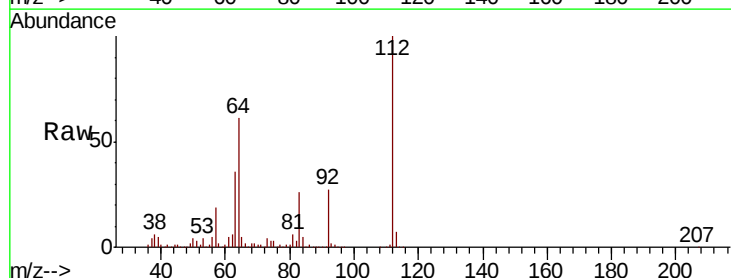
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 152.354 ng
RT: 5.20 min Scan# 377
Delta R.T. 0.01 min
Lab File: BM027307.D
Acq: 02 Sep 2020 17:13

Tgt Ion	112	Resp	1307604
Ion Ratio	Lower	Upper	
112	100		
64	61.2	50.6	76.0
63	35.5	31.0	46.6

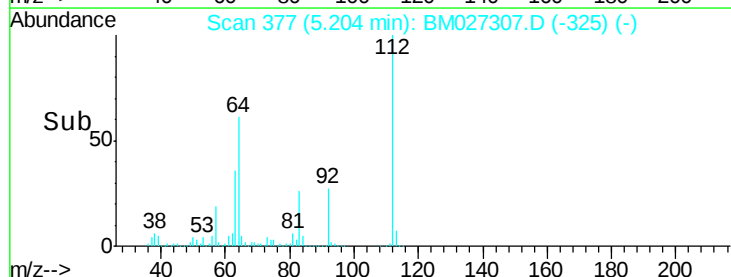
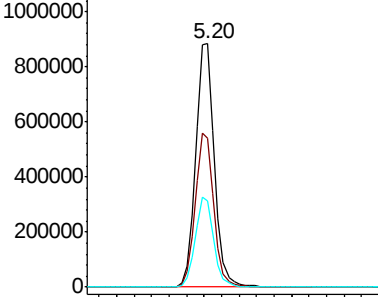


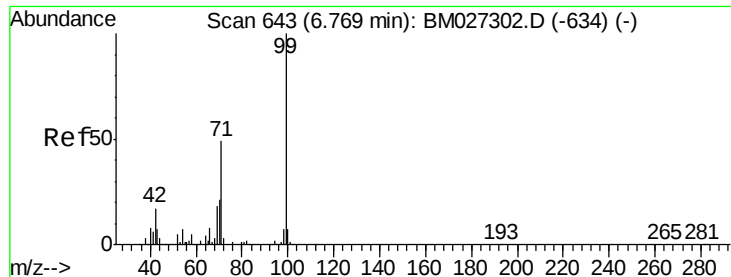
Abundance

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: 144.450 ng

RT: 6.77 min Scan# 643

Delta R.T. 0.00 min

Lab File: BM027307.D

Acq: 02 Sep 2020 17:13

Instrument :

BNA_M

ClientSampled :

PB131374BL

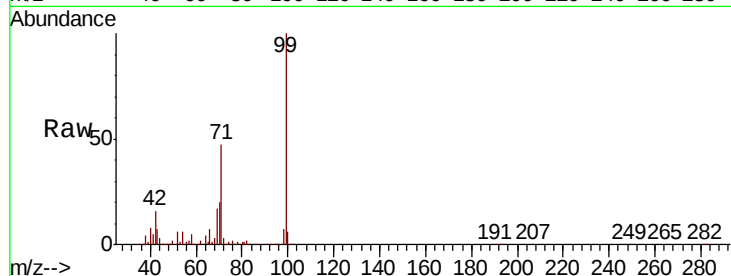
Tot Ion: 99 Resp: 1673014

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

71 46.8 39.4 59.0



Abundance Ion 99.00 (98.70 to 99.70): BM027307.D (-592) (-)

Ion 42.00 (41.70 to 42.70): BM027307.D (-592) (-)

Ion 71.00 (70.70 to 71.70): BM027307.D (-592) (-)

6.77

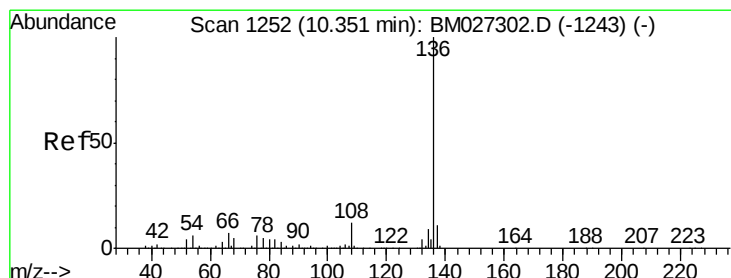
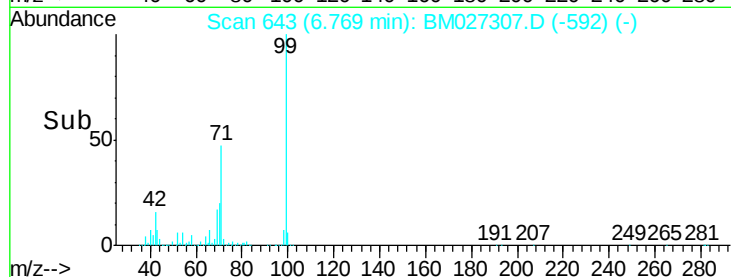
1000000

500000

0

6.70 6.75 6.80 6.85

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BM027307.D

Acq: 02 Sep 2020 17:13

Tgt Ion: 136 Resp: 522824

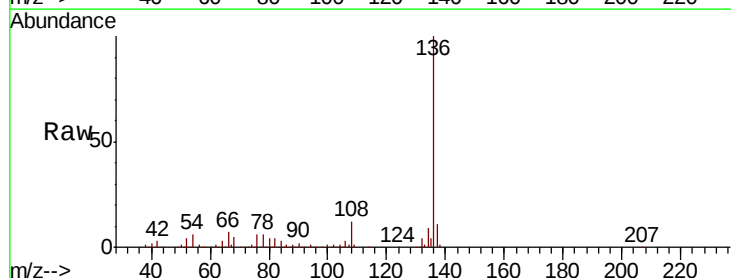
Ion Ratio Lower Upper

136 100

137 10.5 8.6 12.8

54 5.8 4.6 7.0

68 5.3 4.1 6.1



Abundance Ion 136.00 (135.70 to 136.70): BM027307.D (-1201) (-)

Ion 137.00 (136.70 to 137.70): BM027307.D (-1201) (-)

Ion 54.00 (53.70 to 54.70): BM027307.D (-1201) (-)

Ion 68.00 (67.70 to 68.70): BM027307.D (-1201) (-)

10.35

500000

400000

300000

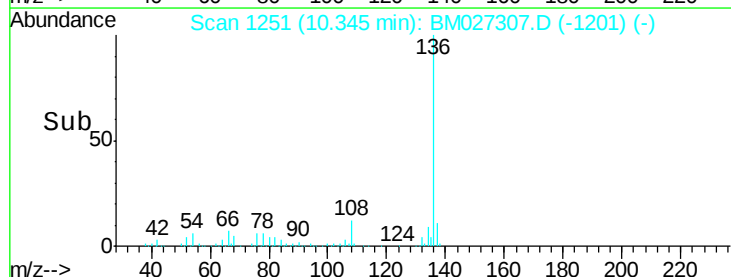
200000

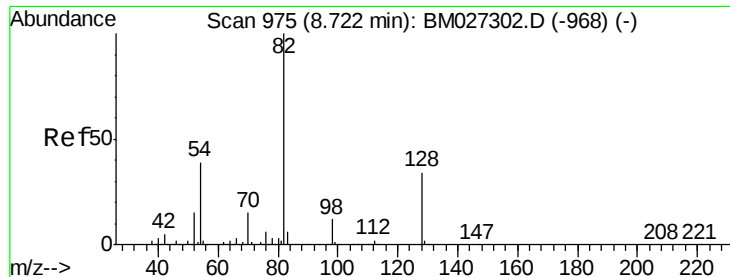
100000

0

10.30 10.40 10.50

Time-->

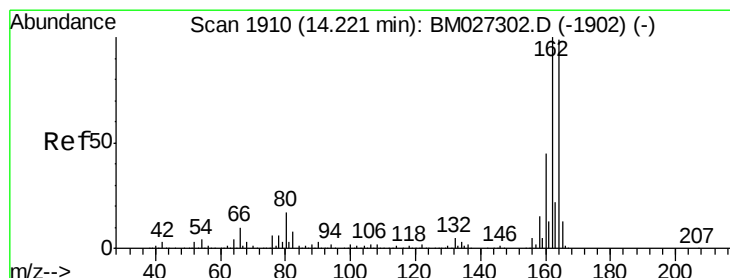
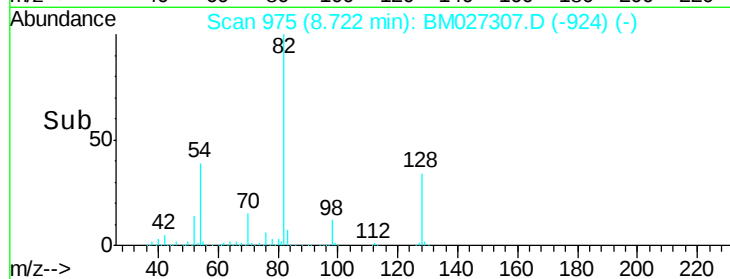
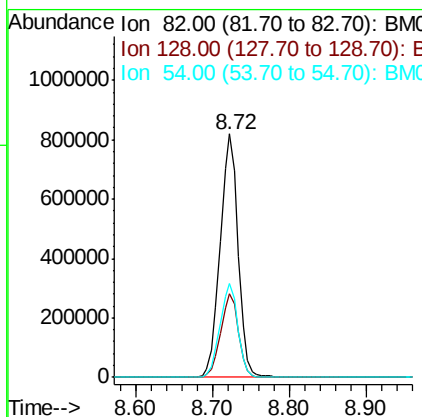
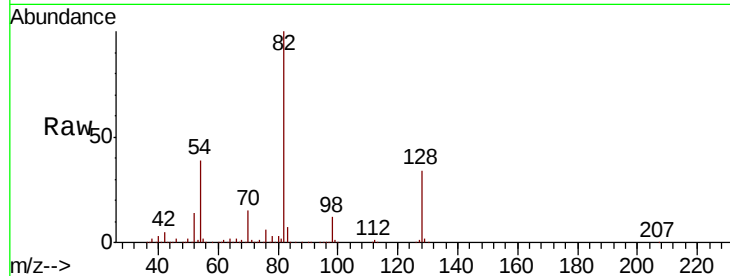




#23
 Nitrobenzene-d5
 Concen: 107.644 ng
 RT: 8.72 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BM027307.D
 Acq: 02 Sep 2020 17:13

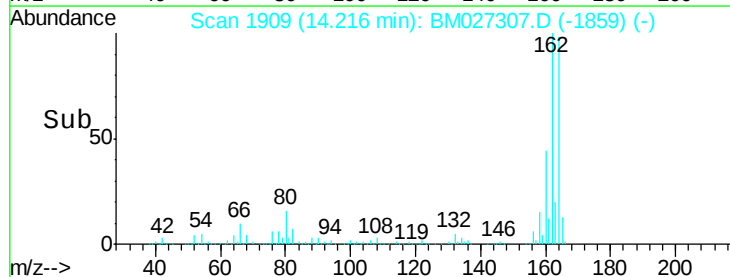
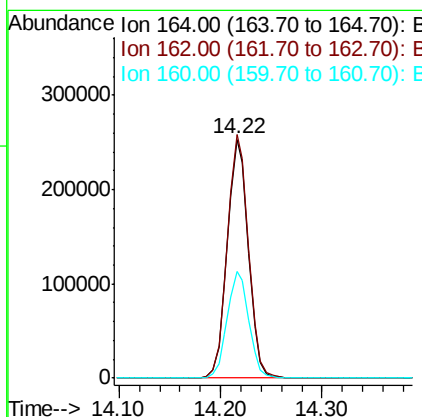
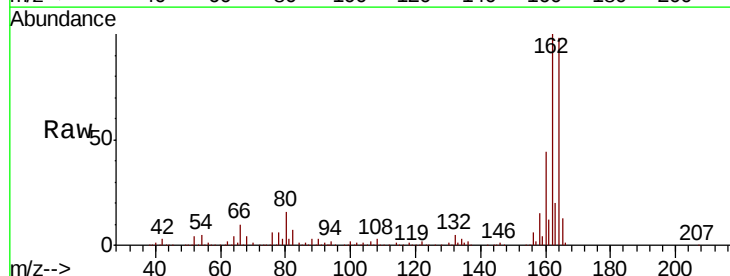
Instrument :
 BNA_M
 ClientSampleID :
 PB131374BL

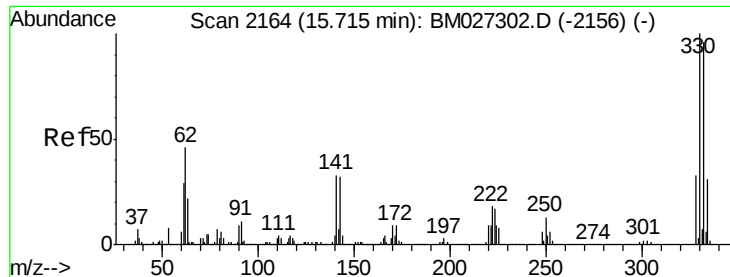
Tot Ion: 82 Resp: 1317354
 Ion Ratio Lower Upper
 82 100
 128 34.4 27.4 41.0
 54 38.6 31.4 47.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.22 min Scan# 1909
 Delta R.T. -0.01 min
 Lab File: BM027307.D
 Acq: 02 Sep 2020 17:13

Tgt Ion: 164 Resp: 364477
 Ion Ratio Lower Upper
 164 100
 162 102.1 80.4 120.6
 160 44.9 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 146.528 ng

RT: 15.72 min Scan# 2164

Delta R.T. 0.00 min

Lab File: BM027307.D

Acq: 02 Sep 2020 17:13

Instrument :

BNA_M

ClientSampleId :

PB131374BL

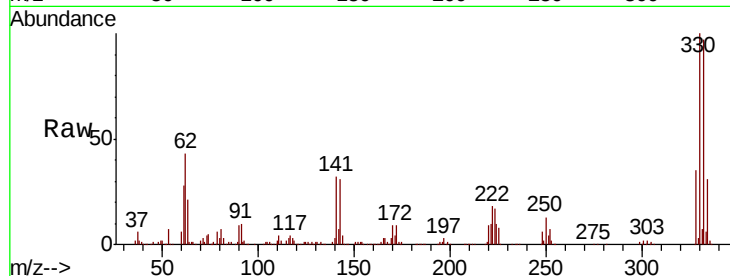
Tot Ion:330 Resp: 936411

Ion Ratio Lower Upper

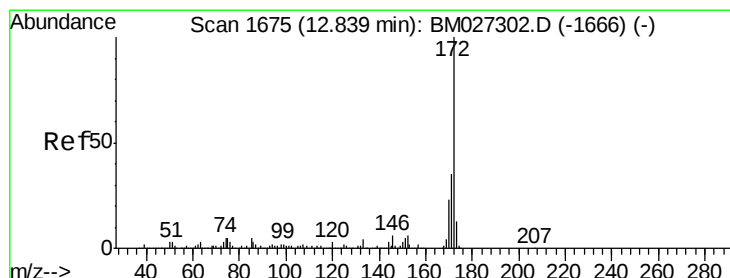
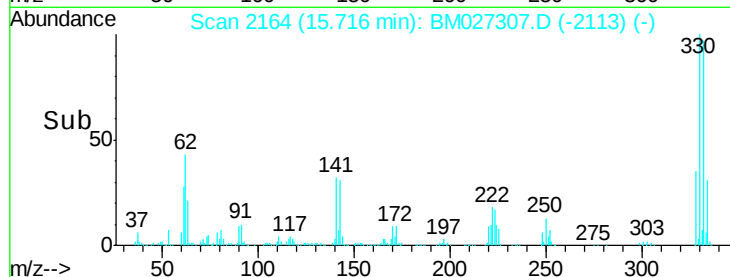
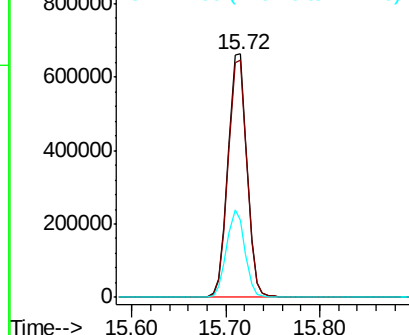
330 100

332 97.1 77.8 116.8

141 34.9 28.4 42.6



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: 104.841 ng

RT: 12.84 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BM027307.D

Acq: 02 Sep 2020 17:13

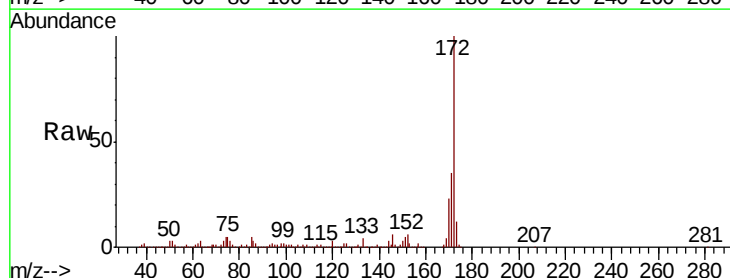
Tgt Ion:172 Resp: 2873339

Ion Ratio Lower Upper

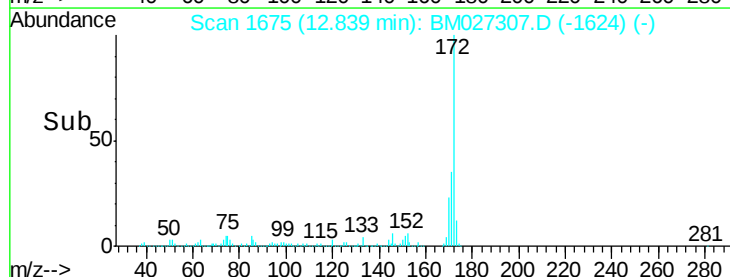
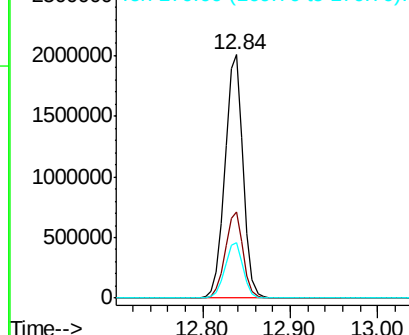
172 100

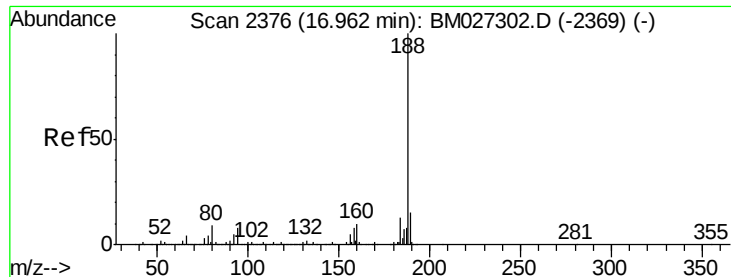
171 35.1 27.8 41.8

170 22.5 18.6 27.8



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

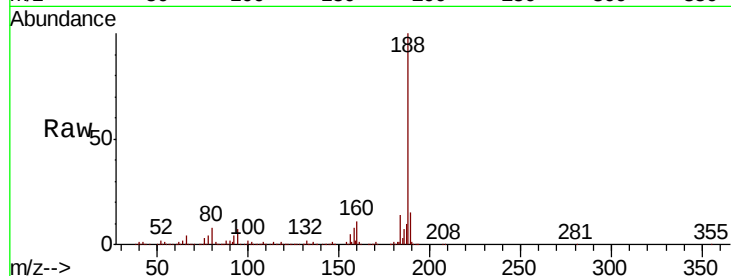




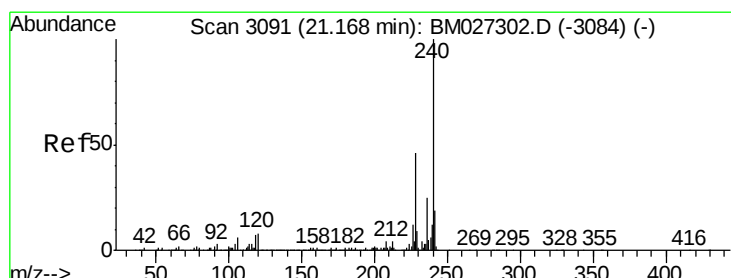
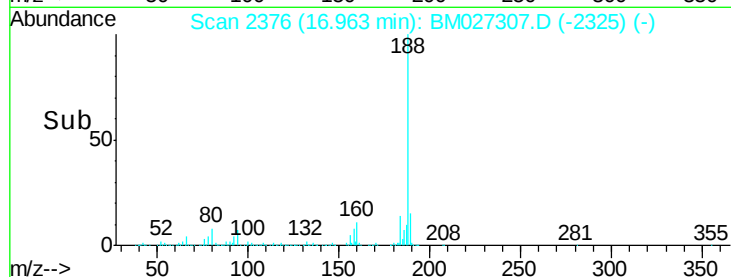
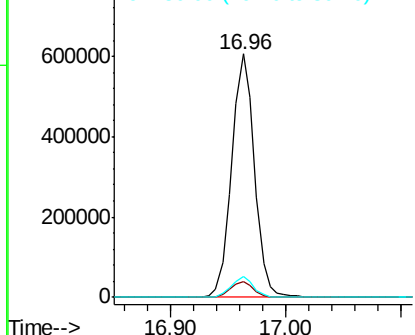
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2376
Delta R.T. 0.00 min
Lab File: BM027307.D
Acq: 02 Sep 2020 17:13

Instrument :
BNA_M
ClientSampleId :
PB131374BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.6	6.2	9.4
80	8.5	7.5	11.3

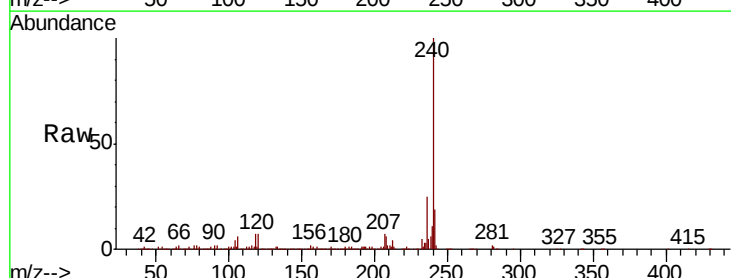


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

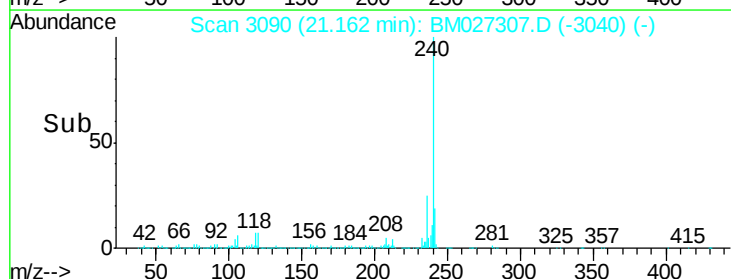
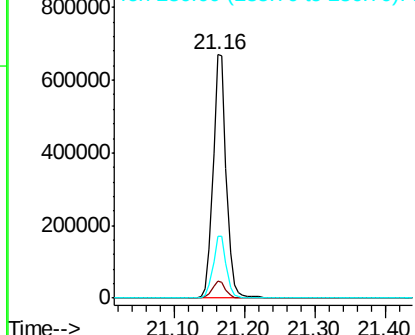


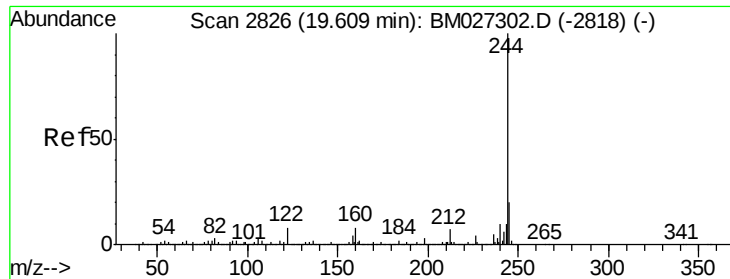
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM027307.D
Acq: 02 Sep 2020 17:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.4	9.6
236	25.4	20.1	30.1



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: 112.088 ng

RT: 19.62 min Scan# 2827

Delta R.T. 0.01 min

Lab File: BM027307.D

Acq: 02 Sep 2020 17:13

Instrument :

BNA_M

ClientSampleId :

PB131374BL

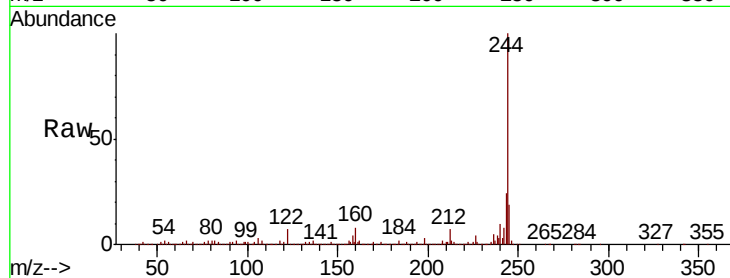
Tot Ion:244 Resp: 5657457

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

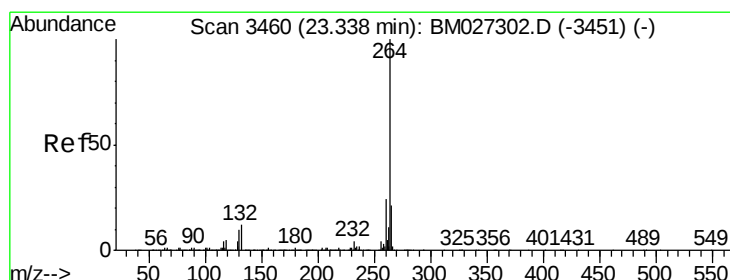
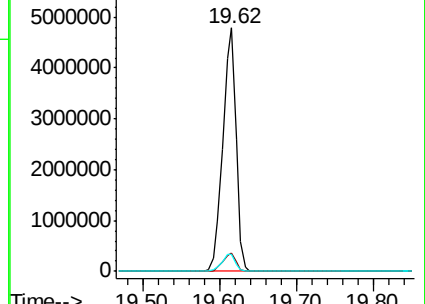
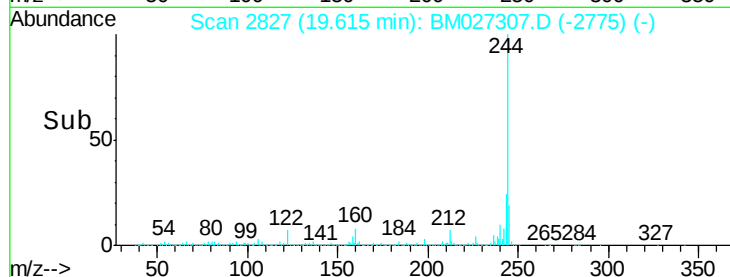
122 6.8 6.5 9.7



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: 23.34 min Scan# 3460

Delta R.T. 0.00 min

Lab File: BM027307.D

Acq: 02 Sep 2020 17:13

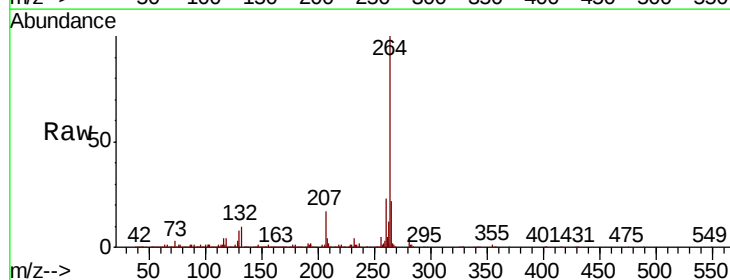
Tgt Ion:264 Resp: 893314

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.4

265 21.6 17.7 26.5



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

