

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091620\
 Data File : BM027439.D
 Acq On : 16 Sep 2020 12:56
 Operator : JU/CG
 Sample : PB131588BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB131588BL

Quant Time: Sep 16 13:45:23 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 16 13:41:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	115196	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	379609	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	239682	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	511026	20.00	ng	0.00
76) Chrysene-d12	21.14	240	509790	20.00	ng	0.00
86) Perylene-d12	23.31	264	527401	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	777135	112.31	ng	0.00
7) Phenol-d6	6.75	99	941321	100.81	ng	0.00
23) Nitrobenzene-d5	8.70	82	719473	80.97	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	375650	89.39	ng	0.00
45) 2-Fluorobiphenyl	12.81	172	1393165	77.30	ng	0.00
79) Terphenyl-d14	19.59	244	2178845	74.39	ng	0.00

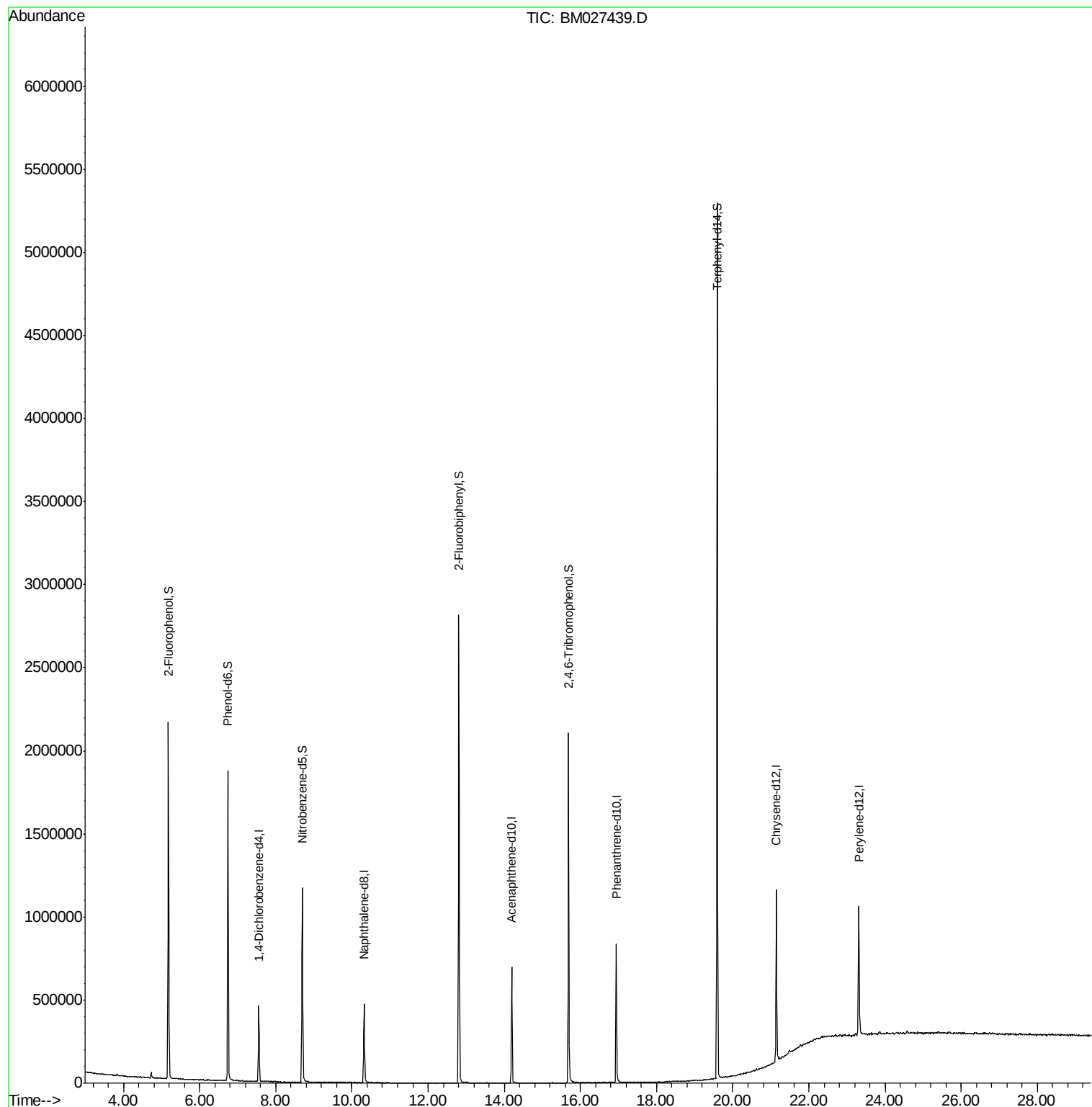
Target Compounds Qvalue

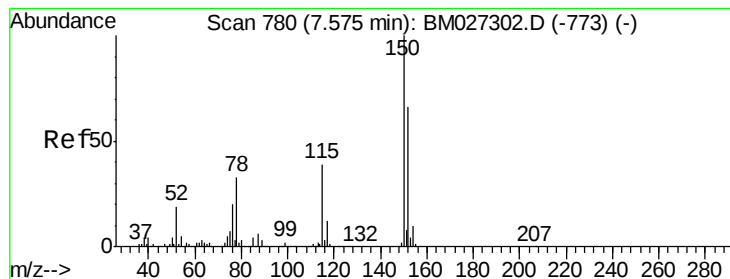
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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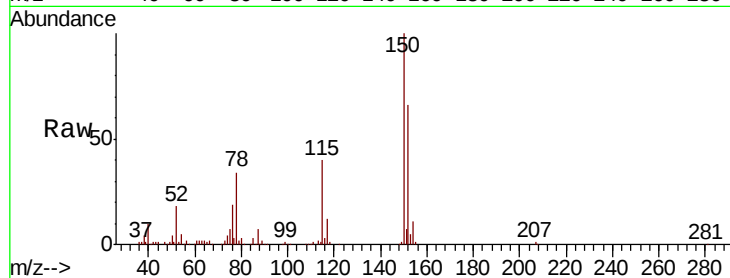


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.55 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BM027439.D
 Acq: 16 Sep 2020 12:56

Instrument :
 BNA_M
 ClientSampleId :
 PB131588BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	120.6	181.0
115	60.8	47.2	70.8

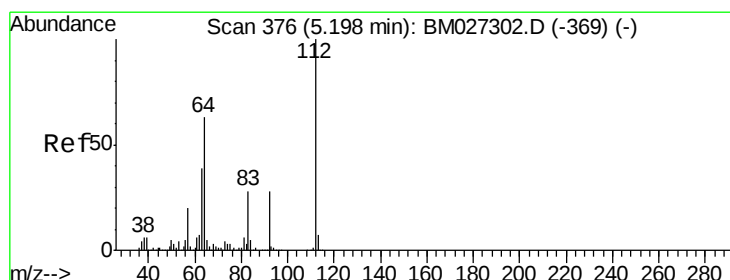
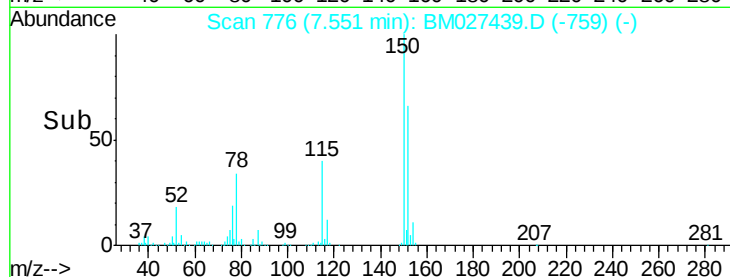
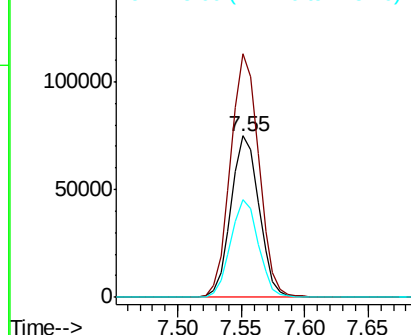


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

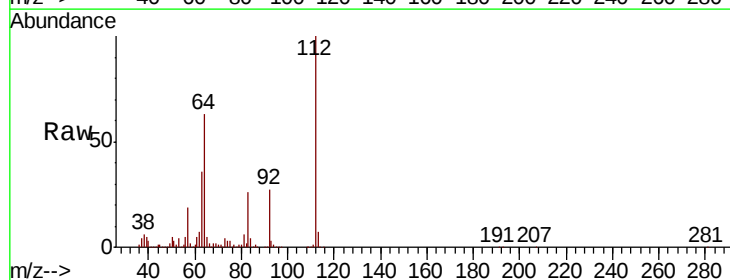
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 112.315 ng
 RT: 5.18 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: BM027439.D
 Acq: 16 Sep 2020 12:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.1	50.6	76.0
63	35.8	31.0	46.6

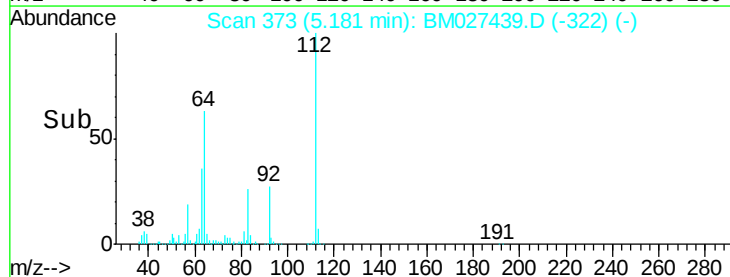
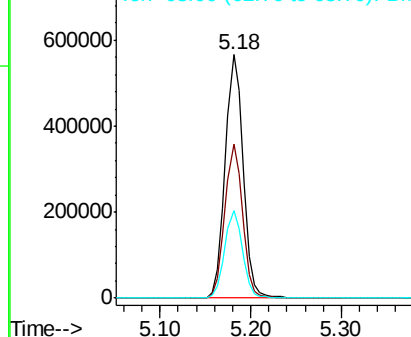


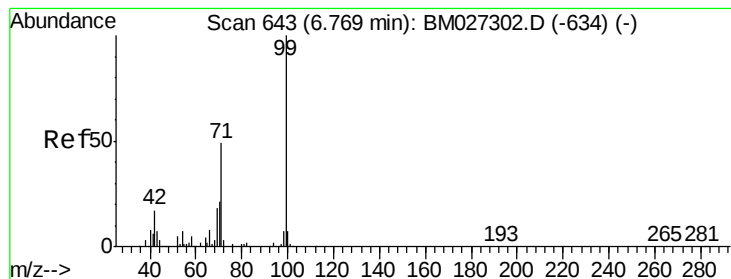
Abundance

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: 100.814 ng

RT: 6.75 min Scan# 639

Delta R.T. 0.00 min

Lab File: BM027439.D

Acq: 16 Sep 2020 12:56

Instrument :

BNA_M

ClientSampleId :

PB131588BL

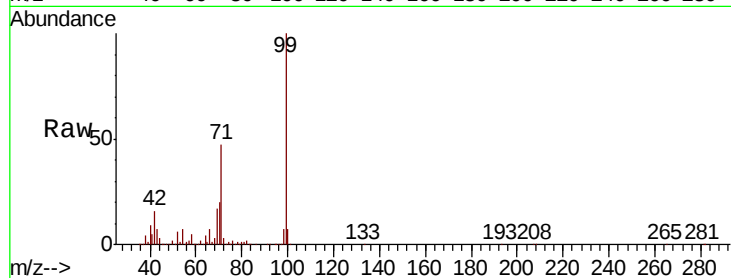
Tot Ion: 99 Resp: 941321

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

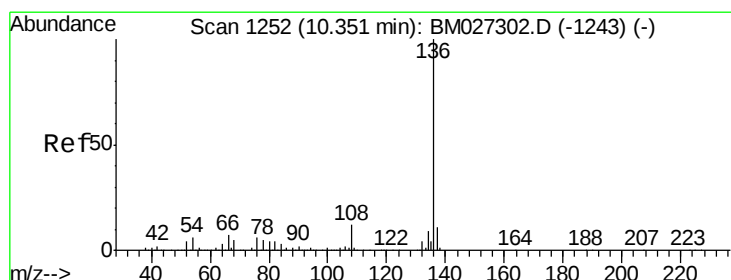
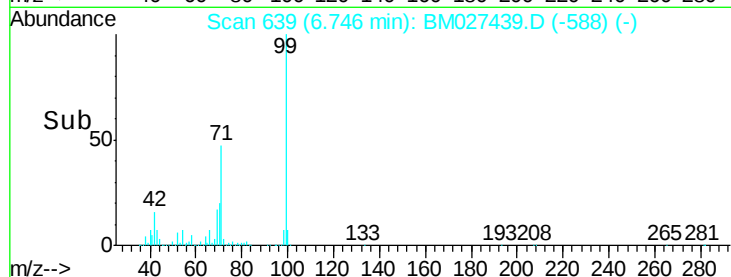
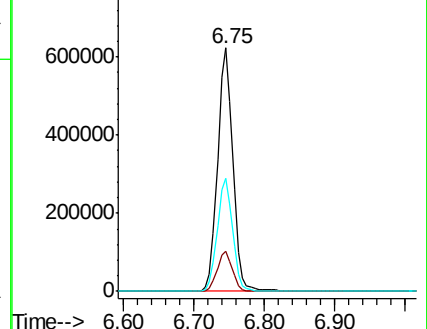
71 46.6 39.4 59.0



Abundance Ion 99.00 (98.70 to 99.70): BM027302.D (-634) (-)

Ion 42.00 (41.70 to 42.70): BM027302.D (-634) (-)

Ion 71.00 (70.70 to 71.70): BM027302.D (-634) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.32 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BM027439.D

Acq: 16 Sep 2020 12:56

Tgt Ion: 136 Resp: 379609

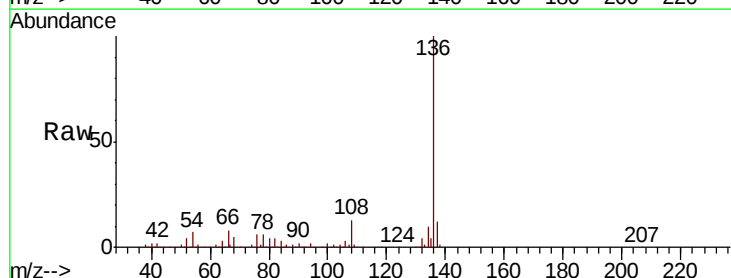
Ion Ratio Lower Upper

136 100

137 11.6 8.6 12.8

54 6.7 4.6 7.0

68 5.0 4.1 6.1

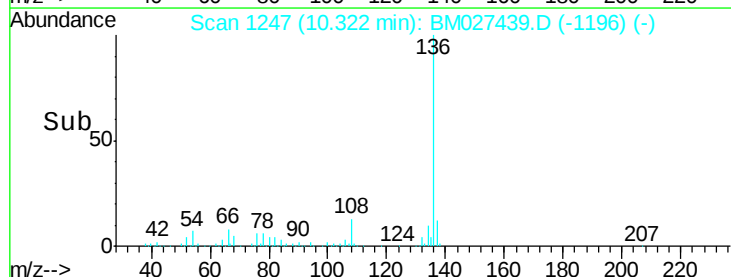
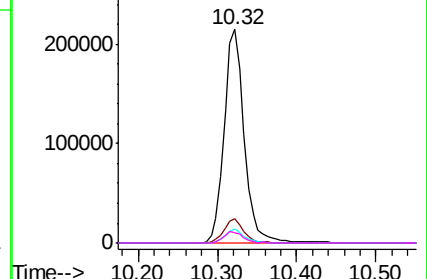


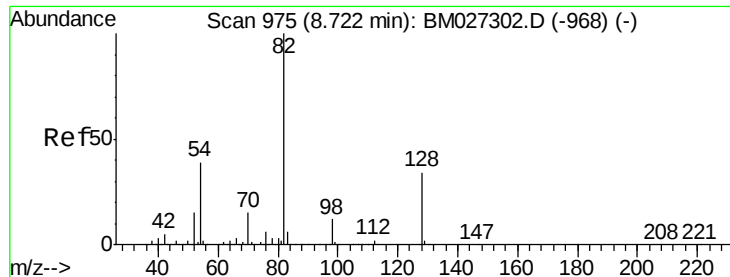
Abundance Ion 136.00 (135.70 to 136.70): BM027302.D (-1243) (-)

Ion 137.00 (136.70 to 137.70): BM027302.D (-1243) (-)

Ion 54.00 (53.70 to 54.70): BM027302.D (-1243) (-)

Ion 68.00 (67.70 to 68.70): BM027302.D (-1243) (-)





#23

Nitrobenzene-d5

Concen: 80.970 ng

RT: 8.70 min Scan# 971

Delta R.T. 0.00 min

Lab File: BM027439.D

Acq: 16 Sep 2020 12:56

Instrument :

BNA_M

ClientSampleId :

PB131588BL

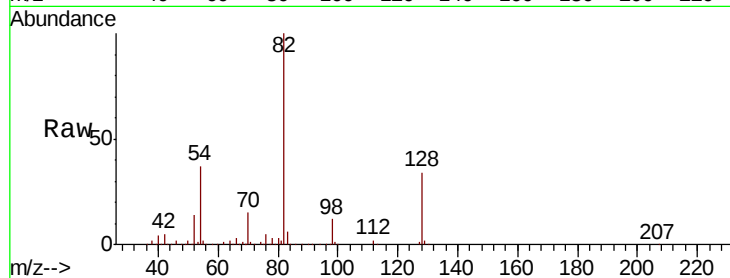
Tot Ion: 82 Resp: 719473

Ion Ratio Lower Upper

82 100

128 33.8 27.4 41.0

54 37.4 31.4 47.0

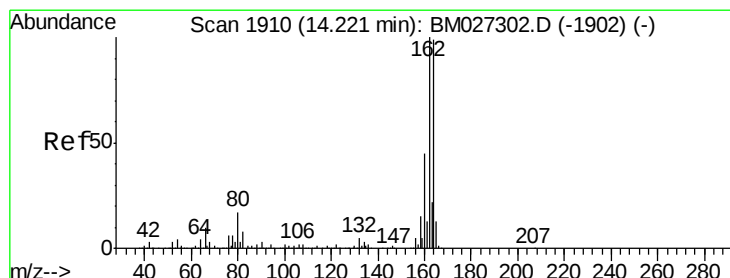
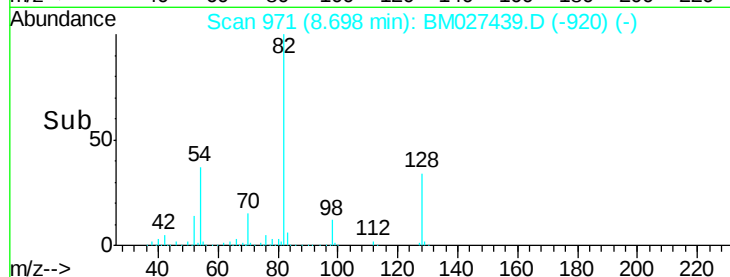


Abundance Ion 82.00 (81.70 to 82.70): BM027302.D (-968) (-)

Ion 128.00 (127.70 to 128.70): BM027302.D (-968) (-)

Ion 54.00 (53.70 to 54.70): BM027302.D (-968) (-)

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.19 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BM027439.D

Acq: 16 Sep 2020 12:56

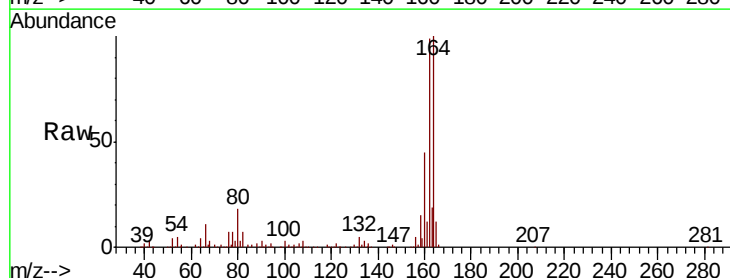
Tgt Ion: 164 Resp: 239682

Ion Ratio Lower Upper

164 100

162 99.2 80.4 120.6

160 45.0 35.9 53.9

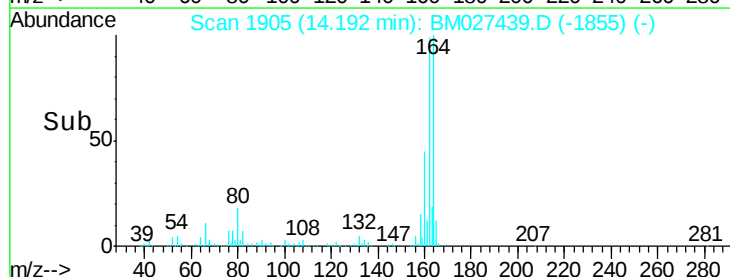


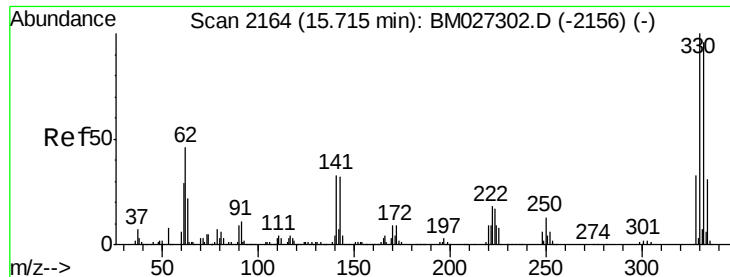
Abundance Ion 164.00 (163.70 to 164.70): BM027302.D (-1902) (-)

Ion 162.00 (161.70 to 162.70): BM027302.D (-1902) (-)

Ion 160.00 (159.70 to 160.70): BM027302.D (-1902) (-)

Time-->





#42

2,4,6-Tribromophenol

Concen: 89.387 ng

RT: 15.69 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BM027439.D

Acq: 16 Sep 2020 12:56

Instrument :

BNA_M

ClientSampleId :

PB131588BL

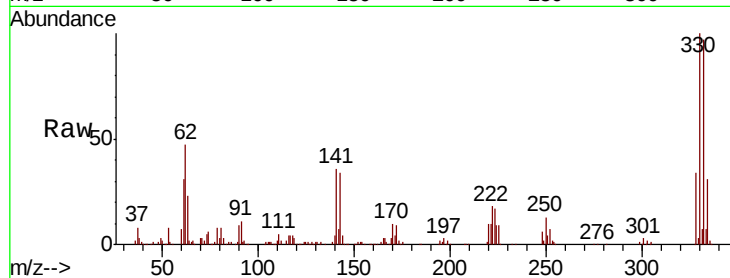
Tot Ion:330 Resp: 375650

Ion Ratio Lower Upper

330 100

332 97.1 77.8 116.8

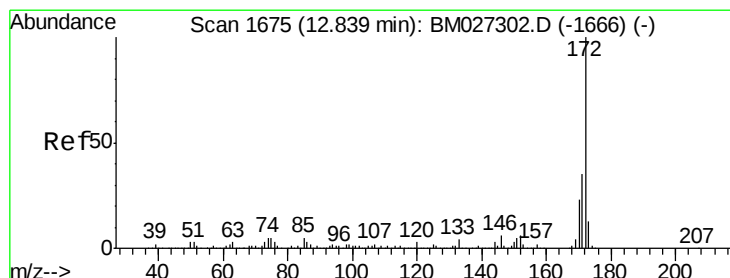
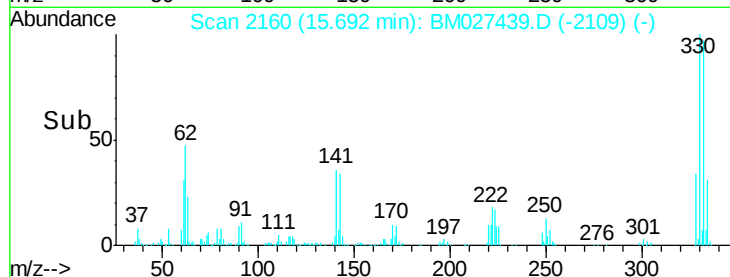
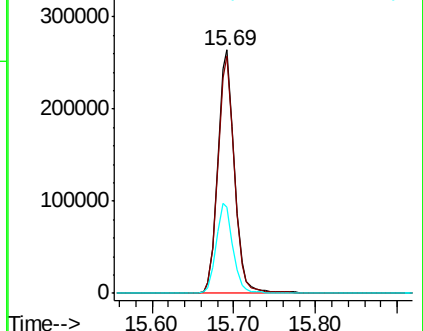
141 37.3 28.4 42.6



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: 77.301 ng

RT: 12.81 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BM027439.D

Acq: 16 Sep 2020 12:56

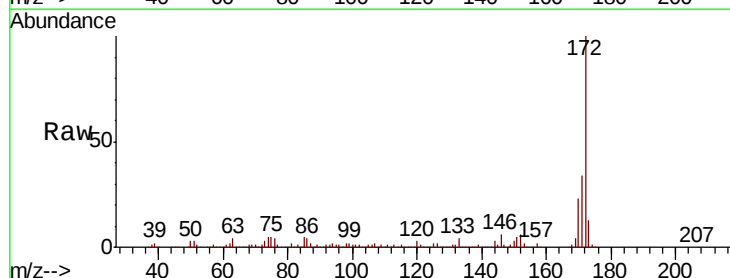
Tgt Ion:172 Resp: 1393165

Ion Ratio Lower Upper

172 100

171 34.5 27.8 41.8

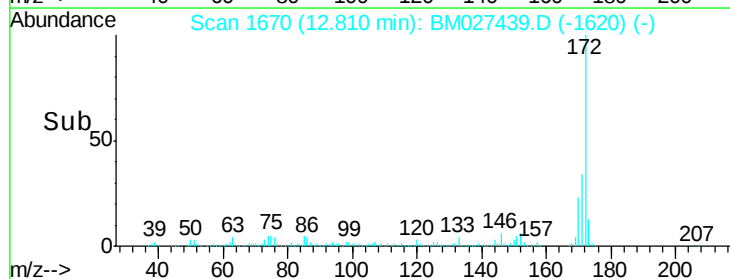
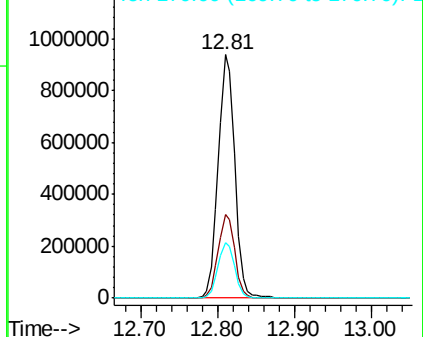
170 22.9 18.6 27.8

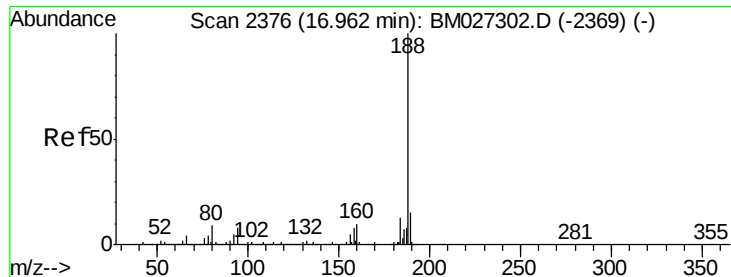


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

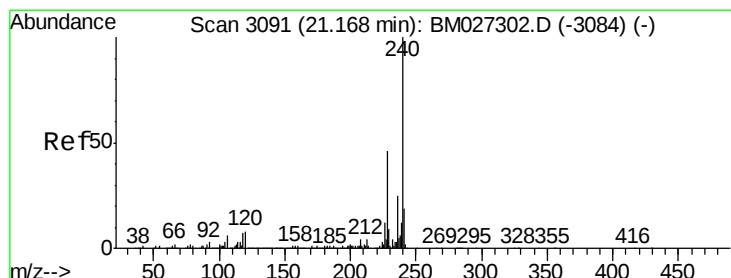
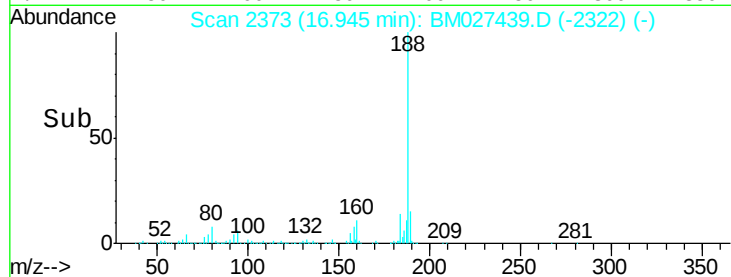
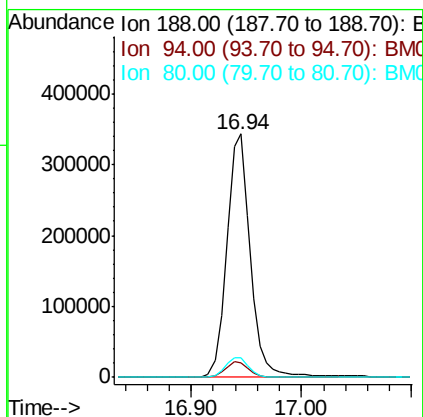
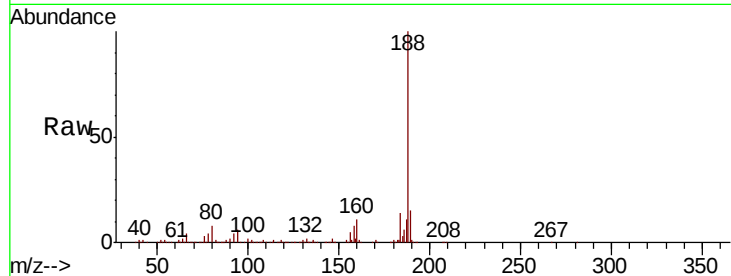




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2373
Delta R.T. 0.00 min
Lab File: BM027439.D
Acq: 16 Sep 2020 12:56

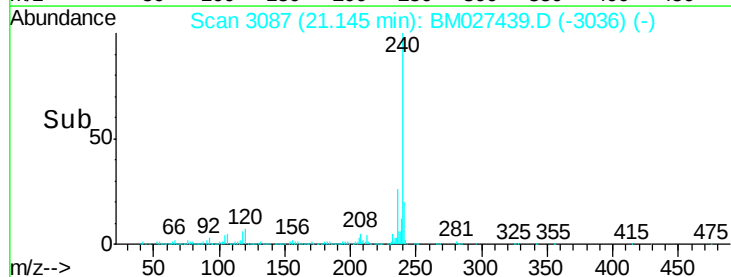
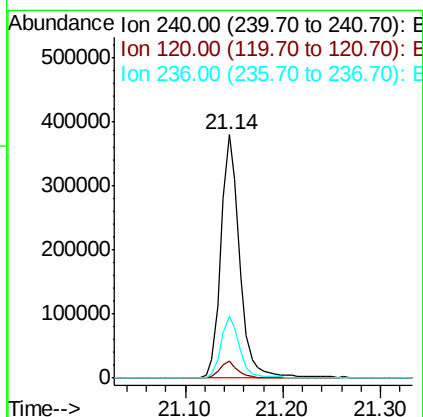
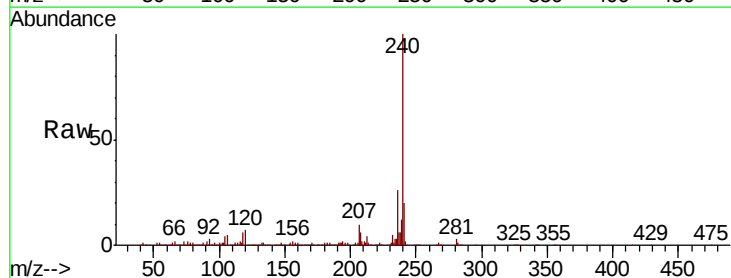
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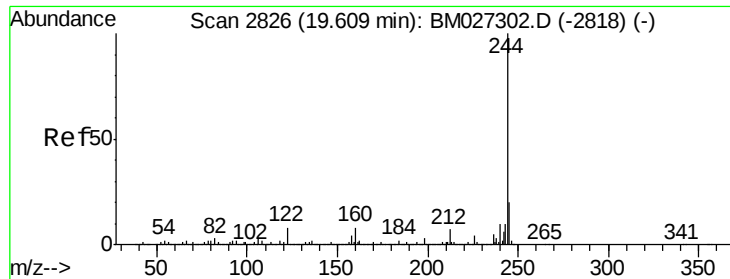
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.2	9.4#
80	7.8	7.5	11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3087
Delta R.T. 0.00 min
Lab File: BM027439.D
Acq: 16 Sep 2020 12:56

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.4	9.6
236	25.7	20.1	30.1

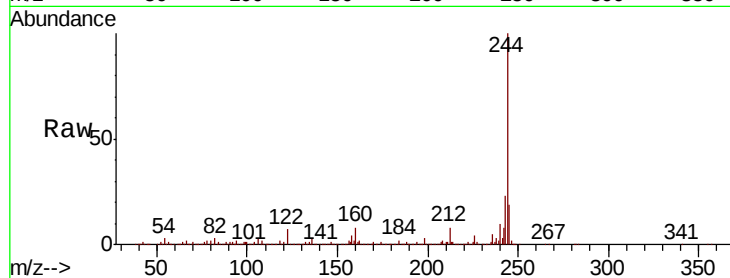




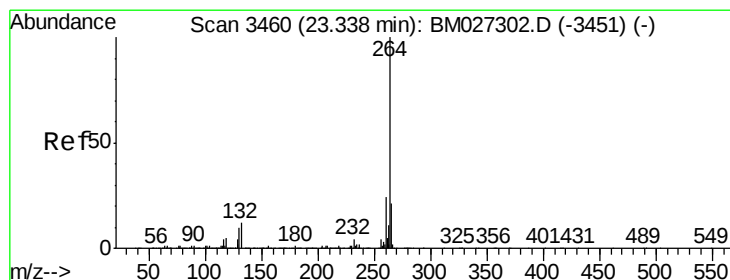
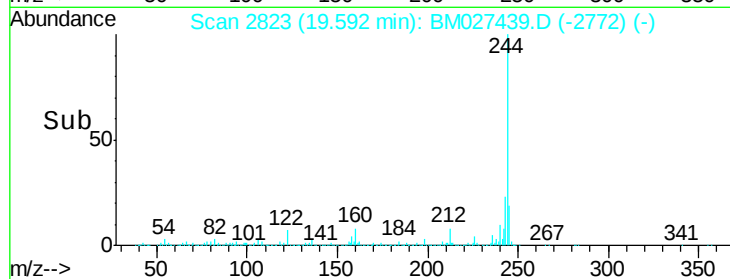
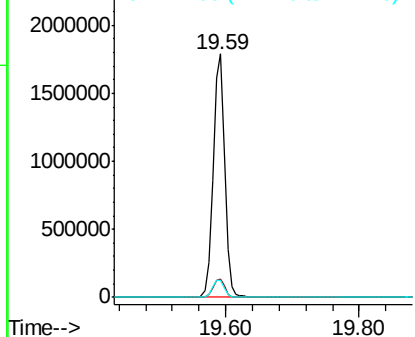
#79
 Terphenyl-d14
 Concen: 74.387 ng
 RT: 19.59 min Scan# 2823
 Delta R.T. 0.00 min
 Lab File: BM027439.D
 Acq: 16 Sep 2020 12:56

Instrument :
 BNA_M
 ClientSampleId :
 PB131588BL

Tot Ion:244 Resp: 2178845
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 6.9 6.5 9.7

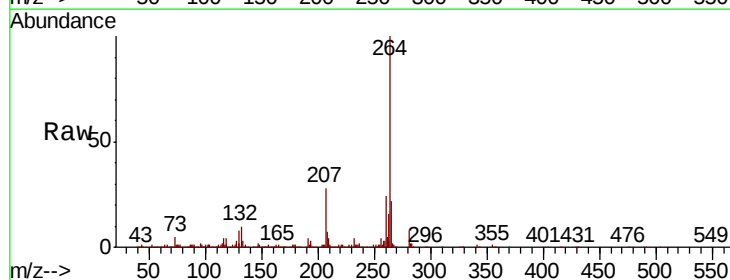


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.31 min Scan# 3455
 Delta R.T. 0.00 min
 Lab File: BM027439.D
 Acq: 16 Sep 2020 12:56

Tgt Ion:264 Resp: 527401
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 21.7 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

